

Appendix B

Air Emission Calculations

Appendix B
Air Quality
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Whittier Oil Field Air Emission Summary

Construction Emissions

Activity	Peak Day Emissions (lb/day)						Total Emission (tons)									
	VOC	CO	NO _x	SO _x	PM ₁₀	PM _{2.5}	VOC	CO	NO _x	SO _x	PM ₁₀	PM _{2.5}	N2O	CH4	CO2	
Pad Clearing																
Construction Equipment	2.7	10.2	24.4	0.0	1.0	1.0	0.03	0.10	0.24	0.00	0.01	0.01	0.00	0.00	25	
Fugitive Dust Emissions					14.5	3.0					0.14	0.02				
<i>Subtotal: Constr. Eq and Fugitive Dust</i>	2.7	10.2	24.4	0.0	15.5	4.0	0.03	0.10	0.24	0.00	0.15	0.03	0.00	0.00	25	
Offsite Mobile Emissions	1.1	6.6	9.3	0.0	0.5	0.4	0.01	0.04	0.02	0.00	0.00	0.00	0.00	0.00	6	
Total	3.8	16.8	33.7	0.0	15.9	4.4	0.03	0.15	0.27	0.00	0.15	0.03	0.00	0.00	31	
Grading and Access Road Construction																
Combustion Equipment	10.6	37.3	96.1	0.1	4.0	3.9	1.27	4.48	11.53	0.01	0.47	0.47	0.02	0.08	1,246	
Fugitive Dust Emissions					96.9	20.2					5.81	0.15				
<i>Subtotal: Constr. Eq and Fugitive Dust</i>	10.6	37.3	96.1	0.1	100.8	24.1	1.27	4.48	11.53	0.01	6.29	0.62	0.02	0.08	1,246	
Offsite Mobile Emissions	7.2	29.5	88.2	0.1	4.2	3.7	0.43	1.73	5.27	0.01	0.25	0.22	0.01	0.03	542	
Total	17.8	66.9	184.3	0.2	105.1	27.8	1.70	6.21	16.79	0.02	6.54	0.84	0.03	0.10	1,788	
Facility Construction																
Combustion Equipment	11.6	20.3	44.2	0.1	2.6	2.6	1.05	2.54	5.53	0.01	0.32	0.32	0.01	0.04	578	
Fugitive Dust Emissions					18.3	3.8					0.62	0.03				
<i>Subtotal: Constr. Eq and Fugitive Dust</i>	11.6	20.3	44.2	0.1	20.9	6.4	1.05	2.54	5.53	0.01	0.95	0.35	0.01	0.04	578	
Offsite Mobile Emissions	3.6	20.2	33.3	0.0	1.6	1.4	0.25	1.74	1.59	0.00	0.08	0.07	0.02	0.04	293	
Total	15.2	40.5	77.6	0.1	22.5	7.8	1.30	4.27	7.12	0.01	1.03	0.42	0.03	0.08	871	
Pipeline Construction																
Combustion Equipment	6.1	19.0	37.7	0.0	2.4	2.4	0.53	1.71	3.39	0.00	0.22	0.22	0.00	0.02	339	
Fugitive Dust Emissions					2.2	0.5					0.00	0.00				
<i>Subtotal: Constr. Eq and Fugitive Dust</i>	6.1	19.0	37.7	0.0	4.7	2.9	0.53	1.71	3.39	0.00	0.22	0.22	0.00	0.02	339	
Offsite Mobile Emissions	1.5	8.3	14.9	0.0	0.7	0.6	0.14	0.83	1.18	0.00	0.06	0.05	0.01	0.02	168	
Total	7.6	27.3	52.5	0.1	5.4	3.5	0.66	2.54	4.57	0.01	0.28	0.27	0.01	0.04	507	
<i>Peak Day Scenario 1 - total (regional)</i>	36.5	110.2	290.5	0.5	115.4	34.6										
<i>Peak Day Scenario 2 - total (regional)</i>	26.3	56.5	131.3	0.3	27.5	11.1										
<i>Peak Day Scenario 1 - onsite only (localized impacts)</i>	27.1	68.7	179.5	0.4	110.1	29.9										
<i>Peak Day Scenario 2 - onsite only (localized impacts)</i>	22.0	32.6	90.0	0.3	25.5	9.4										
SCAQMD Regional Construction Thresholds (lbs/day)	75	550	100	150	150	55										
SCAQMD Localized Construction Thresholds (lbs/day)	-	2549	184	-	59	19										
Significant Impact Regional?	No	No	Yes	No	No	No										
Significant Impact Local?	No	No	No	No	Yes	Yes										

Peak day scenario 1 is grading+pipeline+testing operational emissions

Peak day scenario 2 is facility construction+testing operational emissions

Operational Emissions

Activity	Peak Day Emissions (lb/day)						Total Emission (tons)									
	VOC	CO	NO _x	SO _x	PM ₁₀	PM _{2.5}	VOC	CO	NO _x	SO _x	PM ₁₀	PM _{2.5}	N2O	CH4	CO2	
Drilling Emissions Testing																
Combustion Equipment and Fugitives	3.7	12.3	70.2	0.1	3.7	3.7	0.21	0.72	3.40	0.00	0.19	0.19	0.01	0.03	411	
Fugitive Dust Emissions					4.7	1.0					0.20	0.00				
<i>Subtotal: Constr. Eq and Fugitive Dust</i>	3.7	12.3	70.2	0.1	8.4	4.6	0.21	0.72	3.40	0.00	0.38	0.19	0.01	0.03	411	
Offsite Mobile Emissions	2.3	12.0	22.8	0.0	1.1	1.0	0.05	0.33	0.35	0.00	0.02	0.02	0.00	0.01	60	
Total	6.0	24.3	93.0	0.1	9.5	5.6	0.26	1.06	3.75	0.01	0.40	0.20	0.01	0.03	470	
Testing Emissions																
Combustion Equipment and Fugitives	10.4	12.3	45.8	0.2	2.6	2.6	0.33	0.74	2.75	0.01	0.16	0.16	0.00	0.12	2,534	
Fugitive Dust Emissions					1.9	0.4					0.12	0.00				
<i>Subtotal: Constr. Eq and Fugitive Dust</i>	10.4	12.3	45.8	0.2	4.6	3.0	0.33	0.74	2.75	0.01	0.27	0.16	0.00	0.12	2,534	
Offsite Mobile Emissions	0.7	3.7	7.9	0.0	0.4	0.3	0.04	0.22	0.48	0.00	0.02	0.02	0.00	0.00	56	
Total	11.1	16.0	53.7	0.2	4.9	3.3	0.38	0.96	3.22	0.01	0.30	0.18	0.01	0.13	2,590	
Operational Emissions while Drilling																
Combustion Equipment and Fugitives	70.2	210.1	780.3	3.6	45.0	44.1	5.63	2.42	4.17	0.04	0.52	0.51	0.02	7.48	8,306	
Workover Emissions	0.5	1.6	6.5	0.0	0.2	0.2	0.07	0.21	0.85	0.00	0.03	0.03	0.00	0.01	94	
Drilling Emissions	3.7	12.3	70.2	0.1	3.7	3.7	0.87	2.93	13.78	0.02	0.76	0.75	0.02	0.10	1,666	
<i>Subtotal: Stationary Eq, Workovers and Drilling</i>	74.5	224.0	857.0	3.7	48.9	47.9	6.57	5.57	18.80	0.06	1.30	1.29	0.04	7.59	10,066	
Offsite Mobile Emissions	3.4	19.7	30.1	0.0	1.5	1.3	0.3	2.5	1.9	0.0	0.1	0.1	0.0	0.1	397	
Total	77.8	243.7	887.1	3.7	50.4	49.2	6.91	8.06	20.73	0.07	1.40	1.37	0.06	7.65	10,463	
Operational Emissions with Re-drills only (after 5 years)																
Combustion Equipment and Fugitives	70.2	210.1	780.3	3.6	45.0	44.1	5.6	2.4	4.2	0.0	0.5	0.5	0.0	7.5	8,306	
Workover Emissions	0.5	1.6	6.5	0.0	0.2	0.2	0.1	0.2	0.8	0.0	0.0	0.0	0.0	0.0	94	
Drilling Emissions	3.7	12.3	70.2	0.1	3.7	3.7	0.1	0.4	1.7	0.0	0.1	0.1	0.0	0.0	205	
<i>Subtotal: Stationary Eq, Workovers and Drilling</i>	74.5	224.0	857.0	3.7	48.9	47.9	5.81	3.00	6.72	0.04	0.64	0.63	0.02	7.50	8,605	
Offsite Mobile Emissions	3.4	19.7	30.1	0.0	1.5	1.3	0.2	1.3	0.7	0.0	0.0	0.0	0.0	0.0	185	
Total	77.8	243.7	887.1	3.7	50.4	49.2	5.97	4.31	7.39	0.05	0.67	0.66	0.03	7.53	8,791	
SCAQMD Regional Operations Thresholds (lbs/day)	75	550	100	150	150	55										
SCAQMD Localized Operations Thresholds (lbs/day)	-	2549	184	-	15	5										
Significant Impact Regional?	Yes	No	Yes	No	No	No										
Significant Impact Local?	No	No	Yes	No	Yes	Yes										

Note: Local significance impacts compared to only stationary emissions

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GHG Emission Summary

Activity	N2O, tons	CH4, tons	CO2, tons	CO2e, metric tonnes
Construction, tons				
Pad Clearing Emissions	0.00	0.00	31	28
Grading and Access Road Construction Emissions	0.03	0.10	1,788	1,619
Facility Construction Emissions	0.03	0.08	871	793
Pipeline Construction Emissions	0.01	0.04	507	461
<i>Construction Total</i>				<i>2,901</i>
Operations - one time, tons				
Drilling Emissions - Testing	0.01	0.03	470	426
Testing Emissions	0.01	0.13	2,590	2,336
<i>Operations - one time total, tons</i>				<i>2,762</i>
Operations while Drilling, tons/yr				
Stationary Equipment	0.02	7.48	8,306	7,621
Workover Emissions	0.00	0.01	94	85
Drilling Emissions	0.02	0.10	1,666	1,507
Offsite Mobile Emissions	0.03	0.06	397	366
Offsite Electrical Generation	0.01	0.13	7,523	6,777
<i>Total</i>				<i>16,356</i>
Operations while re-Drilling, tons/yr				
Stationary Equipment	0.02	7.48	8,306	7,621
Workover Emissions	0.00	0.01	94	85
Drilling Emissions	0.00	0.01	205	186
Offsite Mobile Emissions	0.01	0.03	185	172
Offsite Electrical Generation	0.01	0.13	7,523	6,777
<i>Total</i>				<i>14,840</i>

Toxic Air Emissions Summary Peak and Average Year

Compound	CAS	Ops Drilling Annual Emiss, lbs	Ops reDrill Annual Emiss, lbs
1,2,4-Trimethylbenzene	95636	26.1	18.5
Acetaldehyde	75070	145.2	39.2
Acrolein	107028	7.8	2.6
Ammonia	7664417	0.0	0.0
Arsenic and Compounds (inorganic)	7440382	0.8	0.2
Benzene	71432	1156.8	1127.9
Butadiene [1,3]	106990	3.7	1.0
Cadmium	7440439	6.1	1.3
Chlorine	7782505	52.3	11.3
Copper	7440508	3.8	0.8
Diesel exhaust particulates	9901	1558.5	337.9
Ethyl benzene	100414	166.5	162.1
Formaldehyde	50000	346.1	134.0
Hexane	110543	1151.5	1149.2
Hydrogen sulfide	7783064	0.0	0.0
Lead compounds (inorganic)	7439921	6.4	1.4
Manganese	7439965	6.1	1.3
Mercury	7439976	4.6	1.0
Methanol	67561	0.6	0.2
Methyl ethyl ketone (2-Butanone)	78933	28.7	7.4
Naphthalene [PAH, POM]	91203	2.2	1.0
Nickel	7440020	2.9	0.6
PAHs, total, w/o individ. components reported [PAH, PO]	1151	7.7	2.1
Phosphorus	7723140	19.3	4.2
Propylene	115071	50.4	13.0
Selenium	7782492	1.5	0.3
Styrene	100425	1.1	0.3
Toluene	108883	617.8	596.5
Xylenes	1210	0.0	0.0
Zinc	7440666	66.6	14.4

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Pad Clearing Fugitive Dust Emission Calculations

Activity	Source	Source Units	Number of Days	Emission Factor	Emission Factor, Units	Daily Emissions (lbs/day)		Total Emissions (lbs/yr)	
						PM ₁₀	PM _{2.5}	PM ₁₀	PM _{2.5}
Site grading	0.16	acre/day	20	26.4	lbs/acre	4.18	0.87	83.69	22.98
Fill dumping	411	tons/day	20	0.009	lbs/ton	3.73	0.78	74.57	0.01
Travel on dirt roads, trucks	3.79	vehicle-miles	20	0.32	lbs/vehicle-miles	1.22	0.25	24.35	0.08
Travel on dirt roads, passenger vehicle	7.10	vehicle-miles	20	0.07	lbs/vehicle-miles	0.47	0.10	9.36	0.01
Disturbed area	0.16	acre/day	20	26.4	lbs/acre	4.18	0.87	83.69	22.98
Fill Storage Piles	0.10	acres	10	7.04	lbs/day/acre	0.70	0.15	7.04	1.03
Total						14.49	3.01	283	47.08

Notes for the Table

Emission factors taken from SCAQMD CEQA Guidance document

Emission factor for travel on unpaved roads based on following inputs

surface silt loading in percent	1	Most of Catalina is paved. Assume low silt content
mean vehicle speed in mph	15	
mean vehicle weight in ton, trucks	10	
mean vehicle weight in ton, passenger vehicles	2	
mean number of wheels on vehicle, trucks	10	
mean number of wheels on vehicle, passenger vehicles	4	
mean number of rain days per year	0	
average number of vehicles per day, trucks	8	Peak day of 8 vehicles, as per PD
average number of vehicles per day, passenger vehicles	15	Peak day of 15 vehicles, as per PD
distance of travel for each vehicle on site, ft	2500	Average distance from Catalina gate to Project Site (2500')
Soil, tons/yr ³	1.01	
Silt content of soil	1.5	
Total disturbed area (acres)	3.17	equal to total of well area
Total days of grading	20	5 days per week for 4 weeks
Total days of disturbed area	20	5 days per week for 4 weeks
Total cut and fill, yr ³	21,100	total cut and fill for assumes 10% of project total
Mitigation: grading/dist area watering (fraction reduction)	0.00	
Mitigation: dumping soil moisture (fraction reduction)	0.00	
Mitigation: storage piles (fraction reduction)	0.00	
Mitigation: roads (fraction reduction)	0.00	

Test Drilling Fugitive Dust Emission Calculations

test drilling would be performed with the roads and pads still dirt and would therefore create fugitive dust emissions

Activity	Source	Source Units	Number of Days	Emission Factor	Emission Factor, Units	Daily Emissions (lbs/day)		Total Emissions (lbs/yr)	
						PM ₁₀	PM _{2.5}	PM ₁₀	PM _{2.5}
Site grading	0.00	acre/day	0	26.4	lbs/acre	0.00	0.00	0.00	0.00
Fill dumping	0.00	tons/day	0	0.009	lbs/ton	0.00	0.00	0.00	0.00
Travel on dirt roads, trucks	9.47	vehicle-miles	84	0.32	lbs/vehicle-miles	3.04	0.63	255.63	0.20
Travel on dirt roads, passenger vehicle	9.47	vehicle-miles	84	0.07	lbs/vehicle-miles	0.62	0.13	52.40	0.01
Disturbed area	0.04	acre/day	84	26.4	lbs/acre	1.00	0.21	83.69	5.47
Fill Storage Piles	0.00	acres	10	7.04	lbs/day/acre	0.00	0.00	0.00	0.00
Total						4.66	0.97	392	5.68

Notes for the Table

Emission factors taken from SCAQMD CEQA Guidance document

Emission factor for travel on unpaved roads based on following inputs

surface silt loading in percent	1	Most of Catalina is paved. Assume low silt content
mean vehicle speed in mph	15	
mean vehicle weight in ton, trucks	10	
mean vehicle weight in ton, passenger vehicles	2	
mean number of wheels on vehicle, trucks	10	
mean number of wheels on vehicle, passenger vehicles	4	
mean number of rain days per year	0	
average number of vehicles per day, trucks	20	Peak day of 20 vehicles, as per PD
average number of vehicles per day, passenger vehicles	20	Peak day of 20 vehicles, as per PD
distance of travel for each vehicle on site, ft	2500	Average distance from Catalina gate to Project Site (2500')
Soil, tons/yr ³	1.01	
Silt content of soil	1.5	
Total disturbed area (acres)	3.17	equal to total well area of project site
Total days of grading	0	no grading
Total days of disturbed area	84	3 months of drilling, every day
Total cut and fill, yr ³	0	total cut and fill for west and central pad areas, 10% of for site clearing
Mitigation: grading/dist area watering (fraction reduction)	0.00	
Mitigation: dumping soil moisture (fraction reduction)	0.00	
Mitigation: storage piles (fraction reduction)	0.00	
Mitigation: roads (fraction reduction)	0.00	

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Testing Fugitive Dust Emission Calculations

testing would be performed with the roads and pads still dirt and would therefore create fugitive dust emissions

Activity	Source	Source Units	Number of Days	Emission Factor	Emission Factor, Units	Daily Emissions (lbs/day)		Total Emissions (lbs/yr)	
						PM ₁₀	PM _{2.5}	PM ₁₀	PM _{2.5}
Site grading	0.00	acre/day	0	26.4	lbs/acre	0.00	0.00	0.00	0.00
Fill dumping	0.00	tons/day	0	0.009	lbs/ton	0.00	0.00	0.00	0.00
Travel on dirt roads, trucks	3.31	vehicle-miles	120	0.32	lbs/vehicle-miles	1.07	0.22	127.81	0.07
Travel on dirt roads, passenger vehicle	2.37	vehicle-miles	120	0.07	lbs/vehicle-miles	0.16	0.03	18.72	0.00
Disturbed area	0.03	acre/day	120	26.4	lbs/acre	0.70	0.15	83.69	3.83
Fill Storage Piles	0.00	acres	10	7.04	lbs/day/acre	0.00	0.00	0.00	0.00
Total						1.92	0.40	230	3.90

Notes for the Table

Emission factors taken from SCAQMD CEQA Guidance document

Emission factor for travel on unpaved roads based on following inputs

surface silt loading in percent	1	Most of Catalina is paved. Assume low silt content
mean vehicle speed in mph	15	
mean vehicle weight in ton, trucks	10	
mean vehicle weight in ton, passenger vehicles	2	
mean number of wheels on vehicle, trucks	10	
mean number of wheels on vehicle, passenger vehicles	4	
mean number of rain days per year	0	
average number of vehicles per day, trucks	7	Peak day of 7 vehicles, as per PD
average number of vehicles per day, passenger vehicles	5	Peak day of 5 vehicles, as per PD
distance of travel for each vehicle on site, ft	2500	Average distance from Catalina gate to Project Site (2500')
Soil, tons/yr ³	1.01	
Silt content of soil	1.5	
Total disturbed area (acres)	3.17	equal to total well area of project site
Total days of grading	0	no grading
Total days of disturbed area	120	4 months testing
Total cut and fill, yr ³	0	total cut and fill for west and central pad areas, 10% of for site clearing
Mitigation: grading/dist area watering (fraction reduction)	0.00	
Mitigation: dumping soil moisture (fraction reduction)	0.00	
Mitigation: storage piles (fraction reduction)	0.00	
Mitigation: roads (fraction reduction)	0.00	

Grading Fugitive Dust Emission Calculations

Activity	Source	Source Units	Number of Days	Emission Factor	Emission Factor, Units	Daily Emissions (lbs/day)		Total Emissions (lbs/yr)	
						PM ₁₀	PM _{2.5}	PM ₁₀	PM _{2.5}
Site grading	1.00	acre/day	120	26.4	lbs/acre	26.40	5.49	3,168.00	144.97
Fill dumping	4,108	tons/day	120	0.009	lbs/ton	37.28	7.76	4,474.06	0.07
Travel on dirt roads, trucks	9.47	vehicle-miles	120	0.32	lbs/vehicle-miles	3.04	0.63	365.18	0.20
Travel on dirt roads, passenger vehicle	3.55	vehicle-miles	120	0.07	lbs/vehicle-miles	0.23	0.05	28.07	0.00
Disturbed area	1.00	acre/day	120	26.4	lbs/acre	26.40	5.49	3,168.00	144.97
Fill Storage Piles	0.50	acres	120	7.04	lbs/day/acre	3.52	0.73	422.47	5.16
Total						96.88	20.15	11,626	295.37

Notes for the Table

Emission factors taken from SCAQMD CEQA Guidance document

Emission factor for travel on unpaved roads based on following inputs

surface silt loading in percent	1	Most of Catalina is paved. Assume low silt content
mean vehicle speed in mph	15	
mean vehicle weight in ton, trucks	10	
mean vehicle weight in ton, passenger vehicles	2	
mean number of wheels on vehicle, trucks	10	
mean number of wheels on vehicle, passenger vehicles	4	
mean number of rain days per year	0	
average number of vehicles per day, trucks	20	peak day pad grading, in PD
average number of vehicles per day, passenger vehicles	7.5	peak day pad grading, in PD
distance of travel for each vehicle on site, ft	2500	Average distance from Catalina gate to Project Site (2500')
Soil, tons/yr ³	1.01	
Silt content of soil	1.5	
Total disturbed area (acres)	19.94	total sum of pad areas disturbed + temp construction parking and staging + half of access road
Total days of grading	120	5 days per week for 6 month
Total days of disturbed area	120	5 days per week for 6 month
Total cut and fill, yr ³	211,000	total cut and fill sum for all pads and processing area and access road
Mitigation: grading/dist area watering (fraction reduction)	0.00	
Mitigation: dumping soil moisture (fraction reduction)	0.00	
Mitigation: storage piles (fraction reduction)	0.00	
Mitigation: roads (fraction reduction)	0.00	

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Facilities Construction Fugitive Dust Emission Calculations

Activity	Source	Source Units	Number of Days	Emission Factor	Emission Factor, Units	Daily Emissions (lbs/day)		Total Emissions (lbs/yr)	
						PM ₁₀	PM _{2.5}	PM ₁₀	PM _{2.5}
Site grading	0.24	acre/day	68	26.4	lbs/acre	6.33	1.32	430.32	34.75
Fill dumping	0	tons/day	68	0.009	lbs/ton	0.00	0.00	0.00	0.00
Travel on dirt roads, trucks	13.73	vehicle-miles	68	0.32	lbs/vehicle-miles	4.41	0.92	300	0.29
Travel on dirt roads, passenger vehicle	18.94	vehicle-miles	68	0.07	lbs/vehicle-miles	1.25	0.26	85	0.02
Disturbed area	0.24	acre/day	68	26.4	lbs/acre	6.33	1.32	430.32	34.75
Fill Storage Piles	0.00	acres	10	7.04	lbs/day/acre	0.00	0.00	0.00	0.00
Total						18.32	3.81	1,246	69.81

Notes for the Table

Emission factors taken from SCAQMD CEQA document

Emission factor for travel on unpaved roads based on following inputs

surface silt loading in percent	1	Most of Catalina is paved. Assume low silt content
mean vehicle speed in mph	15	
mean vehicle weight in ton, trucks	10	
mean vehicle weight in ton, passenger vehicles	2	
mean number of wheels on vehicle, trucks	10	
mean number of wheels on vehicle, passenger vehicles	4	
mean number of rain days per year	0	
average number of vehicles per day, trucks	29	peak day facility construction, in PD
average number of vehicles per day, passenger vehicles	40	peak day facility construction, in PD
distance of travel for each vehicle on site, ft	2500	Average distance from Catalina gate to Project Site (2500)
Soil, tons/yr ³	1.01	
Silt content of soil	1.5	
Total disturbed area (acres)	16.30	total sum of pad areas disturbed + temp construction parking and staging+access road
Total days of grading	68	68 days for foundation completion, assumed dirt areas during this time
Total days of disturbed area	68	68 days for foundation completion, assumed dirt areas during this time
Total cut and fill, yr ³	0	All cut and fill conducted in grading stage
Mitigation: grading/dist area watering (fraction reduction)	0.00	
Mitigation: dumping soil moisture (fraction reduction)	0.00	
Mitigation: storage piles (fraction reduction)	0.00	
Mitigation: roads (fraction reduction)	0.00	

Pipeline Construction Fugitive Dust Emission Calculations

Activity	Source	Source Units	Number of Days	Emission Factor	Emission Factor, Units	Daily Emissions (lbs/day)		Total Emissions (lbs/yr)	
						PM ₁₀	PM _{2.5}	PM ₁₀	PM _{2.5}
Site grading	0.00	acre/day	0	26.4	lbs/acre	0.00	0.00	0.00	0.00
Fill dumping	169	tons/day	0	0.009	lbs/ton	1.53	0.32	0.00	0.00
Travel on dirt roads, trucks	0.00	vehicle-miles	180	7.71	lbs/vehicle-miles	0.00	0.00	0	0.00
Travel on dirt roads, passenger vehicle	0.00	vehicle-miles	0	1.58	lbs/vehicle-miles	0.00	0.00	0.00	0.00
Disturbed area	0.00	acre/day	180	26.4	lbs/acre	0.00	0.00	0.37	0.01
Fill Storage Piles	0.10	acres	10	7.04	lbs/day/acre	0.70	0.15	7.04	1.03
Total						2.24	0.47	7	1.05

Notes for the Table

Emission factors taken from SCAQMD CEQA document

Emission factor for travel on unpaved roads based on following inputs

surface silt loading in percent	24	
mean vehicle speed in mph	15	
mean vehicle weight in ton, trucks	10	
mean vehicle weight in ton, passenger vehicles	2	
mean number of wheels on vehicle, trucks	10	
mean number of wheels on vehicle, passenger vehicles	4	
mean number of rain days per year	0	
average number of vehicles per day, trucks	13	peak day pipeline construction, in PD
average number of vehicles per day, passenger vehicles	15	peak day pipeline construction, in PD
distance of travel for each vehicle on site, ft	0	no distance on dirt roads
Soil, tons/yr ³	1.01	
Silt content of soil	1.5	
Total disturbed area (acres)	0.01	pipeline ROW 3' by an estimated 200' per day
Total days of grading	0	days for pipeline installation, as per PD
Total days of disturbed area	180	days for pipeline installation, as per PD
Total cut and fill, yr ³	8,683	based on length of pipelines and trench width and depth
Mitigation: grading/dist area watering (fraction reduction)	0.00	
Mitigation: dumping soil moisture (fraction reduction)	0.00	
Mitigation: storage piles (fraction reduction)	0.00	
Mitigation: roads (fraction reduction)	0.00	

Whittier Oil Field Air Emission Summary Mitigated

Construction Emissions

Activity	Peak Day Emissions (lb/day)						Total Emission (tons)									
	VOC	CO	NO _x	SO _x	PM ₁₀	PM _{2.5}	VOC	CO	NO _x	SO _x	PM ₁₀	PM _{2.5}	N ₂ O	CH ₄	CO ₂	
Pad Clearing																
Construction Equipment	2.7	10.2	24.4	0.0	1.0	1.0	0.03	0.10	0.24	0.00	0.01	0.01	0.00	0.00	25	
Fugitive Dust Emissions					6.2	1.3					0.06	0.00				
<i>Subtotal: Constr. Eq and Fugitive Dust</i>	2.7	10.2	24.4	0.0	7.1	2.2	0.03	0.10	0.24	0.00	0.07	0.01	0.00	0.00	25	
Offsite Mobile Emissions	1.1	6.6	9.3	0.0	0.5	0.4	0.01	0.04	0.02	0.00	0.00	0.00	0.00	0.00	6	
Total	3.8	16.8	33.7	0.0	7.6	2.6	0.03	0.15	0.27	0.00	0.07	0.01	0.00	0.00	31	
Grading and Access Road Construction																
Combustion Equipment	6.5	37.3	45.3	0.1	3.5	3.5	0.78	4.48	5.44	0.01	0.42	0.42	0.02	0.08	1,246	
Fugitive Dust Emissions					35.8	7.4					2.15	0.02				
<i>Subtotal: Constr. Eq and Fugitive Dust</i>	6.5	37.3	45.3	0.1	39.3	10.9	0.78	4.48	5.44	0.01	2.57	0.44	0.02	0.08	1,246	
Offsite Mobile Emissions	1.3	6.5	1.8	0.0	0.6	0.6	0.07	0.35	0.11	0.00	0.04	0.03	0.00	0.01	91	
Total	7.8	43.9	47.1	0.1	39.9	11.5	0.85	4.84	5.55	0.01	2.60	0.47	0.02	0.08	1,337	
Facility Construction																
Combustion Equipment	11.6	20.3	25.8	0.1	2.6	2.6	1.05	2.54	3.22	0.01	0.32	0.32	0.01	0.04	578	
Fugitive Dust Emissions					10.6	2.2					0.36	0.01				
<i>Subtotal: Constr. Eq and Fugitive Dust</i>	11.6	20.3	25.8	0.1	13.2	4.8	1.05	2.54	3.22	0.01	0.68	0.33	0.01	0.04	578	
Offsite Mobile Emissions	3.6	20.2	33.3	0.0	1.6	1.4	0.25	1.74	1.59	0.00	0.08	0.07	0.02	0.04	293	
Total	15.2	40.5	59.1	0.1	14.8	6.2	1.30	4.27	4.82	0.01	0.76	0.39	0.03	0.08	871	
Pipeline Construction																
Combustion Equipment	4.1	19.0	17.6	0.0	1.5	1.5	0.35	1.71	1.59	0.00	0.13	0.13	0.00	0.02	339	
Fugitive Dust Emissions					2.2	0.5					0.00	0.00				
<i>Subtotal: Constr. Eq and Fugitive Dust</i>	4.1	19.0	17.6	0.0	3.7	1.9	0.35	1.71	1.59	0.00	0.14	0.13	0.00	0.02	339	
Offsite Mobile Emissions	1.5	8.3	14.9	0.0	0.7	0.6	0.14	0.83	1.18	0.00	0.06	0.05	0.01	0.02	168	
Total	5.6	27.3	32.5	0.1	4.4	2.6	0.48	2.54	2.76	0.01	0.19	0.18	0.01	0.04	507	
Summary Data																
Peak Day Scenario 1 - total (regional)	24.5	87.2	110.8	0.4	46.1	15.3										
Peak Day Scenario 2 - total (regional)	26.3	56.5	90.3	0.3	16.6	7.5										
Peak Day Scenario 1 - onsite only (localized impacts)	21.0	68.7	86.2	0.4	44.4	13.8										
Peak Day Scenario 2 - onsite only (localized impacts)	22.0	32.6	49.0	0.3	14.6	5.7										
SCAQMD Regional Construction Thresholds (lbs/day)	75	550	100	150	150	55										
SCAQMD Localized Construction Thresholds (lbs/day)	-	2549	184	-	59	19										
Significant Impact Regional?	No	No	Yes	No	No	No										
Significant Impact Local?	No	No	No	No	No	No										

Peak day scenario 1 is grading+pipeline+testing operational emissions

Peak day scenario 2 is facility construction+testing operational emissions

Operational Emissions

Activity	Peak Day Emissions (lb/day)						Total Emission (tons)									
	VOC	CO	NO _x	SO _x	PM ₁₀	PM _{2.5}	VOC	CO	NO _x	SO _x	PM ₁₀	PM _{2.5}	N ₂ O	CH ₄	CO ₂	
Drilling Emissions Testing																
Combustion Equipment and Fugitives	3.7	12.3	70.2	0.1	0.6	0.5	0.21	0.72	3.40	0.00	0.05	0.05	0.01	0.03	411	
Fugitive Dust Emissions					4.1	0.8					0.17	0.00				
<i>Subtotal: Constr. Eq and Fugitive Dust</i>	3.7	12.3	70.2	0.1	4.6	1.4	0.21	0.72	3.40	0.00	0.22	0.05	0.01	0.03	411	
Offsite Mobile Emissions	2.3	12.0	22.8	0.0	1.1	1.0	0.05	0.33	0.35	0.00	0.02	0.02	0.00	0.01	60	
Total	6.0	24.3	93.0	0.1	5.7	2.4	0.26	1.06	3.75	0.01	0.23	0.06	0.01	0.03	470	
Testing Emissions																
Combustion Equipment and Fugitives	10.4	12.3	23.2	0.2	0.9	0.9	0.33	0.74	1.39	0.01	0.05	0.05	0.00	0.12	2,534	
Fugitive Dust Emissions					0.5	0.1					0.03	0.00				
<i>Subtotal: Constr. Eq and Fugitive Dust</i>	10.4	12.3	23.2	0.2	1.4	1.0	0.33	0.74	1.39	0.01	0.08	0.05	0.00	0.12	2,534	
Offsite Mobile Emissions	0.7	3.7	7.9	0.0	0.4	0.3	0.04	0.22	0.48	0.00	0.02	0.02	0.00	0.00	56	
Total	11.1	16.0	31.2	0.2	1.8	1.3	0.38	0.96	1.87	0.01	0.11	0.07	0.01	0.13	2,590	
Operational Emissions while Drilling																
Combustion Equipment and Fugitives	5.6	8.5	4.9	0.1	1.8	1.8	1.20	2.42	2.55	0.04	0.39	0.38	0.02	1.33	8,301	
Workover Emissions*	0.5	1.6	6.5	0.0	0.2	0.2	0.07	0.21	0.85	0.00	0.03	0.03	0.00	0.01	94	
Drilling Emissions	0.6	12.3	58.7	0.1	0.6	0.5	0.13	2.93	11.68	0.02	0.11	0.11	0.02	0.10	1,666	
<i>Subtotal: Stationary Eq, Workovers and Drilling</i>	6.2	20.8	63.6	0.2	2.4	2.3	1.40	5.57	15.07	0.06	0.53	0.52	0.04	1.43	10,061	
Offsite Mobile Emissions	3.4	19.7	30.1	0.0	1.5	1.3	0.3	2.5	1.9	0.0	0.1	0.1	0.0	0.1	397	
Total	9.6	40.5	93.6	0.3	3.8	3.6	1.74	8.06	17.00	0.07	0.63	0.61	0.06	1.49	10,458	
Operational Emissions with Re-drills only (after 5 years)																
Combustion Equipment and Fugitives	5.6	8.5	4.9	0.1	1.8	1.8	1.2	2.4	2.5	0.0	0.4	0.4	0.0	1.3	8,301	
Workover Emissions*	0.5	1.6	6.5	0.0	0.2	0.2	0.1	0.2	0.8	0.0	0.0	0.0	0.0	0.0	94	
Drilling Emissions	0.6	12.3	58.7	0.1	0.6	0.5	0.0	0.4	1.4	0.0	0.0	0.0	0.0	0.0	205	
<i>Subtotal: Stationary Eq, Workovers and Drilling</i>	6.2	20.8	63.6	0.2	2.4	2.3	1.29	3.00	4.83	0.04	0.43	0.42	0.02	1.34	8,601	
Offsite Mobile Emissions	3.4	19.7	30.1	0.0	1.5	1.3	0.2	1.3	0.7	0.0	0.0	0.0	0.0	0.0	185	
Total	9.6	40.5	93.6	0.3	3.8	3.6	1.45	4.31	5.50	0.05	0.47	0.45	0.03	1.38	8,786	
Summary Data																
SCAQMD Regional Operations Thresholds (lbs/day)	75	550	100	150	150	55										
SCAQMD Localized Operations Thresholds (lbs/day)	-	2549	184	-	15	5										
Significant Impact Regional?	No	No	No	No	No	No										
Significant Impact Local?	No	No	No	No	No	No										

Note: Local significance impacts compared to only stationary emissions

* Mitigation prevents workovers while drilling, so workovers are not included in the peak day

Drilling hours per day

24 hours per day

Appendix B

GHG Emission Summary Mitigated

Activity	N2O, tons	CH4, tons	CO2, tons	CO2e, metric tonnes
Construction, tons				
Pad Clearing Emissions	0.00	0.00	31	28
Grading and Access Road Construction Emissions	0.02	0.08	1,337	1,210
Facility Construction Emissions	0.03	0.08	871	793
Pipeline Construction Emissions	0.01	0.04	507	461
<i>Construction Total</i>				2,492
Operations - one time, tons				
Drilling Emissions - Testing	0.01	0.03	470	426
Testing Emissions	0.01	0.13	2,590	2,336
<i>Operations - one time total, tons</i>				2,762
Operations while Drilling, tons/yr				
Stationary Equipment	0.02	1.33	8,301	7,500
Workover Emissions	0.00	0.01	94	85
Drilling Emissions	0.02	0.10	1,666	1,507
Offsite Mobile Emissions	0.03	0.06	397	366
Offsite Electrical Generation	0.01	0.13	7,523	6,777
<i>Total</i>				16,235
Operations while re-Drilling, tons/yr				
Stationary Equipment	0.02	1.33	8,301	7,500
Workover Emissions	0.00	0.01	94	85
Drilling Emissions	0.00	0.01	205	186
Offsite Mobile Emissions	0.01	0.03	185	172
Offsite Electrical Generation	0.01	0.13	7,523	6,777
<i>Total</i>				14,720

Toxic Air Emissions Summary Peak and Average Year - Mitigated

Compound	CAS	Peak Year Annual Emiss, lbs	Average Year Annual Emiss, lbs
1,2,4-Trimethylbenzene	95636	2.8	1.5
Acetaldehyde	75070	36.9	19.1
Acrolein	107028	2.4	1.6
Ammonia	7664417	0.0	0.0
Arsenic and Compounds (inorganic)	7440382	0.1	0.0
Benzene	71432	41.7	36.9
Butadiene [1,3]	106990	0.9	0.4
Cadmium	7440439	0.9	0.4
Chlorine	7782505	7.9	3.1
Copper	7440508	0.6	0.2
Diesel exhaust particulates	9901	236.1	92.1
Ethyl benzene	100414	77.7	76.9
Formaldehyde	50000	129.2	93.7
Hexane	110543	26.4	26.0
Hydrogen sulfide	7783064	0.0	0.0
Lead compounds (inorganic)	7439921	1.0	0.4
Manganese	7439965	0.9	0.4
Mercury	7439976	0.7	0.3
Methanol	67561	0.1	0.1
Methyl ethyl ketone (2-Butanone)	78933	6.9	3.3
Naphthalene [PAH, POM]	91203	1.0	0.8
Nickel	7440020	0.4	0.2
PAHs, total, w/o individ. components reported [PAH, PO]	1151	2.0	1.0
Phosphorus	7723140	2.9	1.1
Propylene	115071	12.2	5.9
Selenium	7782492	0.2	0.1
Styrene	100425	0.3	0.1
Toluene	108883	25.3	21.7
Xylenes	1210	0.0	0.0
Zinc	7440666	10.1	3.9

Appendix B

Pad Clearing Fugitive Dust Emission Calculations - Mitigated

Activity	Source	Source Units	Number of Days	Emission Factor	Emission Factor, Units	Daily Emissions (lbs/day)		Total Emissions (lbs/yr)	
						PM ₁₀	PM _{2.5}	PM ₁₀	PM _{2.5}
Site grading	0.16	acre/day	20	10.296	lbs/acre	1.63	0.34	32.64	3.49
Fill dumping	411	tons/day	20	0.003	lbs/ton	1.16	0.24	23.12	0.00
Travel on dirt roads, trucks	3.79	vehicle-miles	20	0.32	lbs/vehicle-miles	1.22	0.25	24.35	0.08
Travel on dirt roads, passenger vehicle	7.10	vehicle-miles	20	0.07	lbs/vehicle-miles	0.47	0.10	9.36	0.01
Disturbed area	0.16	acre/day	20	10.296	lbs/acre	1.63	0.34	32.64	3.49
Fill Storage Piles	0.10	acres	10	0.70	lbs/day/acre	0.07	0.01	0.70	0.01
Total						6.18	1.28	123	7.09

Notes for the Table

Emission factors taken from SCAQMD CEQA Guidance document

Emission factor for travel on unpaved roads based on following inputs

surface silt loading in percent	1	Most of Catalina is paved. Assume low silt content
mean vehicle speed in mph	15	
mean vehicle weight in ton, trucks	10	
mean vehicle weight in ton, passenger vehicles	2	
mean number of wheels on vehicle, trucks	10	
mean number of wheels on vehicle, passenger vehicles	4	
mean number of rain days per year	0	
average number of vehicles per day, trucks	8	Peak day of 8 vehicles, as per PD
average number of vehicles per day, passenger vehicles	15	Peak day of 15 vehicles, as per PD
distance of travel for each vehicle on site, ft	2500	Average distance from Catalina gate to Project Site (2500')
Soil, tons/yr ³	1.01	
Silt content of soil	1.5	
Total disturbed area (acres)	3.17	equal to total well area of project site
Total days of grading	20	5 days per week for 4 weeks
Total days of disturbed area	20	5 days per week for 4 weeks
Total cut and fill, yr ³	21,100	10% of total cut and fill for areas, 10% of for site clearing
Mitigation: grading/dist area watering (fraction reduction)	0.61	every 3 hours
Mitigation: dumping soil moisture (fraction reduction)	0.69	minimum 12% soil moisture
Mitigation: storage piles (fraction reduction)	0.90	water by hand and cover
Mitigation: roads (fraction reduction)	0.00	

Test Drilling Fugitive Dust Emission Calculations - Mitigated

test drilling would be performed with the roads and pads still dirt and would therefore create fugitive dust emissions

Activity	Source	Source Units	Number of Days	Emission Factor	Emission Factor, Units	Daily Emissions (lbs/day)		Total Emissions (lbs/yr)	
						PM ₁₀	PM _{2.5}	PM ₁₀	PM _{2.5}
Site grading	0.00	acre/day	0	10.296	lbs/acre	0.00	0.00	0.00	0.00
Fill dumping	0.00	tons/day	0	0.003	lbs/ton	0.00	0.00	0.00	0.00
Travel on dirt roads, trucks	9.47	vehicle-miles	84	0.32	lbs/vehicle-miles	3.04	0.63	255.63	0.20
Travel on dirt roads, passenger vehicle	9.47	vehicle-miles	84	0.07	lbs/vehicle-miles	0.62	0.13	52.40	0.01
Disturbed area	0.04	acre/day	84	10.296	lbs/acre	0.39	0.08	32.64	0.83
Fill Storage Piles	0.00	acres	10	0.70	lbs/day/acre	0.00	0.00	0.00	0.00
Total						4.06	0.84	341	1.04

Notes for the Table

Emission factors taken from SCAQMD CEQA Guidance document

Emission factor for travel on unpaved roads based on following inputs

surface silt loading in percent	1	Most of Catalina is paved. Assume low silt content
mean vehicle speed in mph	15	
mean vehicle weight in ton, trucks	10	
mean vehicle weight in ton, passenger vehicles	2	
mean number of wheels on vehicle, trucks	10	
mean number of wheels on vehicle, passenger vehicles	4	
mean number of rain days per year	0	
average number of vehicles per day, trucks	20	Peak day of 20 vehicles, as per PD
average number of vehicles per day, passenger vehicles	20	Peak day of 20 vehicles, as per PD
distance of travel for each vehicle on site, ft	2500	Average distance from Catalina gate to Project Site (2500')
Soil, tons/yr ³	1.01	
Silt content of soil	1.5	
Total disturbed area (acres)	3.17	equal to total well area of project site
Total days of grading	0	no grading
Total days of disturbed area	84	3 months of drilling, every day
Total cut and fill, yr ³	0	no cut and fill during this stage
Mitigation: grading/dist area watering (fraction reduction)	0.61	every 3 hours
Mitigation: dumping soil moisture (fraction reduction)	0.69	minimum 12% soil moisture
Mitigation: storage piles (fraction reduction)	0.90	water by hand and cover
Mitigation: roads (fraction reduction)	0.00	

Appendix B

Testing Fugitive Dust Emission Calculations - Mitigated

testing would be performed with the roads and pads still dirt and would therefore create fugitive dust emissions

Activity	Source	Source Units	Number of Days	Emission Factor	Emission Factor, Units	Daily Emissions (lbs/day)		Total Emissions (lbs/yr)	
						PM ₁₀	PM _{2.5}	PM ₁₀	PM _{2.5}
Site grading	0.00	acre/day	0	10.296	lbs/acre	0.00	0.00	0.00	0.00
Fill dumping	0.00	tons/day	0	0.003	lbs/ton	0.00	0.00	0.00	0.00
Travel on dirt roads, trucks	3.31	vehicle-miles	120	0.06	lbs/vehicle-miles	0.21	0.04	25.56	0.00
Travel on dirt roads, passenger vehicle	2.37	vehicle-miles	120	0.01	lbs/vehicle-miles	0.03	0.01	3.74	0.00
Disturbed area	0.03	acre/day	120	10.296	lbs/acre	0.27	0.06	32.64	0.58
Fill Storage Piles	0.00	acres	10	0.70	lbs/day/acre	0.00	0.00	0.00	0.00
Total						0.52	0.11	62	0.59

Notes for the Table

Emission factors taken from SCAQMD CEQA Guidance document

Emission factor for travel on unpaved roads based on

following inputs

surface silt loading in percent	1	Most of Catalina is paved. Assume low silt content
mean vehicle speed in mph	15	
mean vehicle weight in ton, trucks	10	
mean vehicle weight in ton, passenger vehicles	2	
mean number of wheels on vehicle, trucks	10	
mean number of wheels on vehicle, passenger vehicles	4	
mean number of rain days per year	0	
average number of vehicles per day, trucks	7	Peak day of 7 vehicles, as per PD
average number of vehicles per day, passenger vehicles	5	Peak day of 5 vehicles, as per PD
distance of travel for each vehicle on site, ft	2500	Average distance from Catalina gate to Project Site (2500')
Soil, tons/yr ³	1.01	
Silt content of soil	1.5	
Total disturbed area (acres)	3.17	equal to total well area of project site
Total days of grading	0	no grading
Total days of disturbed area	120	4 months testing
Total cut and fill, yr ³	0	no cut and fill for this stage
Mitigation: grading/dist area watering (fraction reduction)	0.61	every 3 hours
Mitigation: dumping soil moisture (fraction reduction)	0.69	minimum 12% soil moisture
Mitigation: storage piles (fraction reduction)	0.90	water by hand and cover
Mitigation: roads (fraction reduction)	0.80	dust suppressants

Grading Fugitive Dust Emission Calculations - Mitigated

Activity	Source	Source Units	Number of Days	Emission Factor	Emission Factor, Units	Daily Emissions (lbs/day)		Total Emissions (lbs/yr)	
						PM ₁₀	PM _{2.5}	PM ₁₀	PM _{2.5}
Site grading	1.00	acre/day	120	10.296	lbs/acre	10.30	2.14	1,235.52	22.05
Fill dumping	4,108	tons/day	120	0.003	lbs/ton	11.56	2.40	1,386.96	0.01
Travel on dirt roads, trucks	9.47	vehicle-miles	120	0.32	lbs/vehicle-miles	3.04	0.63	365.18	0.20
Travel on dirt roads, passenger vehicle	3.55	vehicle-miles	120	0.07	lbs/vehicle-miles	0.23	0.05	28.07	0.00
Disturbed area	1.00	acre/day	120	10.296	lbs/acre	10.30	2.14	1,235.52	22.05
Fill Storage Piles	0.50	acres	120	0.70	lbs/day/acre	0.35	0.07	42.25	0.05
Total						35.78	7.44	4,294	44.36

Notes for the Table

Emission factors taken from SCAQMD CEQA Guidance document

Emission factor for travel on unpaved roads based on

following inputs

surface silt loading in percent	1	Most of Catalina is paved. Assume low silt content
mean vehicle speed in mph	15	
mean vehicle weight in ton, trucks	10	
mean vehicle weight in ton, passenger vehicles	2	
mean number of wheels on vehicle, trucks	10	
mean number of wheels on vehicle, passenger vehicles	4	
mean number of rain days per year	0	
average number of vehicles per day, trucks	20	peak day pad grading, in PD
average number of vehicles per day, passenger vehicles	7.5	peak day pad grading, in PD
distance of travel for each vehicle on site, ft	2500	Average distance from Catalina gate to Project Site (2500')
Soil, tons/yr ³	1.01	
Silt content of soil	1.5	
Total disturbed area (acres)	19.94	total sum of pad areas disturbed + temp construction parking and staging + half of access road
Total days of grading	120	5 days per week for 6 month
Total days of disturbed area	120	5 days per week for 6 month
Total cut and fill, yr ³	211,000	total cut and fill sum for all pads and processing area and access road
Mitigation: grading/dist area watering (fraction reduction)	0.61	every 3 hours
Mitigation: dumping soil moisture (fraction reduction)	0.69	minimum 12% soil moisture
Mitigation: storage piles (fraction reduction)	0.90	water by hand and cover
Mitigation: roads (fraction reduction)	0.00	

Appendix B

Facilities Construction Fugitive Dust Emission Calculations - Mitigated

Activity	Source	Source Units	Number of Days	Emission Factor	Emission Factor, Units	Daily Emissions (lbs/day)		Total Emissions (lbs/yr)	
						PM ₁₀	PM _{2.5}	PM ₁₀	PM _{2.5}
Site grading	0.24	acre/day	68	10.296	lbs/acre	2.47	0.51	167.82	5.29
Fill dumping	0	tons/day	68	0.003	lbs/ton	0.00	0.00	0.00	0.00
Travel on dirt roads, trucks	13.73	vehicle-miles	68	0.32	lbs/vehicle-miles	4.41	0.92	300	0.29
Travel on dirt roads, passenger vehicle	18.94	vehicle-miles	68	0.07	lbs/vehicle-miles	1.25	0.26	84.84	0.02
Disturbed area	0.24	acre/day	68	10.296	lbs/acre	2.47	0.51	167.82	5.29
Fill Storage Piles	0.00	acres	10	0.70	lbs/day/acre	0.00	0.00	0.00	0.00
Total						10.60	2.20	721	10.88

Notes for the Table

Emission factors taken from SCAQMD CEQA document

Emission factor for travel on unpaved roads based on following inputs

surface silt loading in percent	1	Most of Catalina is paved. Assume low silt content
mean vehicle speed in mph	15	
mean vehicle weight in ton, trucks	10	
mean vehicle weight in ton, passenger vehicles	2	
mean number of wheels on vehicle, trucks	10	
mean number of wheels on vehicle, passenger vehicles	4	
mean number of rain days per year	0	
average number of vehicles per day, trucks	29	peak day facility construction, in PD
average number of vehicles per day, passenger vehicles	40	peak day facility construction, in PD
distance of travel for each vehicle on site, ft	2500	Average distance from Catalina gate to Project Site (2500)
Soil, tons/yr ³	1.01	
Silt content of soil	1.5	
Total disturbed area (acres)	16.30	total sum of pad areas disturbed + temp construction parking and staging+access road
Total days of grading	68	68 days for foundation completion, assumed dirt areas during this time
Total days of disturbed area	68	68 days for foundation completion, assumed dirt areas during this time
Total cut and fill, yr ³	0	All cut and fill conducted in grading stage
Mitigation: grading/dist area watering (fraction reduction)	0.61	every 3 hours
Mitigation: dumping soil moisture (fraction reduction)	0.69	minimum 12% soil moisture
Mitigation: storage piles (fraction reduction)	0.90	water by hand and cover
Mitigation: roads (fraction reduction)	0.00	

Pipeline Construction Fugitive Dust Emission Calculations

Activity	Source	Source Units	Number of Days	Emission Factor	Emission Factor, Units	Daily Emissions (lbs/day)		Total Emissions (lbs/yr)	
						PM ₁₀	PM _{2.5}	PM ₁₀	PM _{2.5}
Site grading	0.00	acre/day	0	26.4	lbs/acre	0.00	0.00	0.00	0.00
Fill dumping	169	tons/day	0	0.009	lbs/ton	1.53	0.32	0.00	0.00
Travel on dirt roads, trucks	0.00	vehicle-miles	180	7.71	lbs/vehicle-miles	0.00	0.00	0	0.00
Travel on dirt roads, passenger vehicle	0.00	vehicle-miles	0	1.58	lbs/vehicle-miles	0.00	0.00	0.00	0.00
Disturbed area	0.00	acre/day	180	26.4	lbs/acre	0.00	0.00	0.37	0.01
Fill Storage Piles	0.10	acres	10	7.04	lbs/day/acre	0.70	0.15	7.04	1.03
Total						2.24	0.47	7	1.05

Notes for the Table

Emission factors taken from SCAQMD CEQA document

Emission factor for travel on unpaved roads based on following inputs

surface silt loading in percent	24	
mean vehicle speed in mph	15	
mean vehicle weight in ton, trucks	10	
mean vehicle weight in ton, passenger vehicles	2	
mean number of wheels on vehicle, trucks	10	
mean number of wheels on vehicle, passenger vehicles	4	
mean number of rain days per year	0	
average number of vehicles per day, trucks	13	peak day pipeline construction, in PD
average number of vehicles per day, passenger vehicles	15	peak day pipeline construction, in PD
distance of travel for each vehicle on site, ft	0	no distance on dirt roads
Soil, tons/yr ³	1.01	
Silt content of soil	1.5	
Total disturbed area (acres)	0.01	pipeline ROW 3' by an estimated 200' per day
Total days of grading	0	days for pipeline installation, as per PD
Total days of disturbed area	180	days for pipeline installation, as per PD
Total cut and fill, yr ³	8,683	based on length of pipelines and trench width and depth
Mitigation: grading/dist area watering (fraction reduction)	0.00	
Mitigation: dumping soil moisture (fraction reduction)	0.00	
Mitigation: storage piles (fraction reduction)	0.00	
Mitigation: roads (fraction reduction)	0.00	

Appendix B

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Identification and Physical Characteristics

Identification

User Identification:	Whittier Crude 1/3 Peak Flow
City:	Los Angeles C.O.
State:	California
Company:	Matrix
Type of Tank:	Vertical Fixed Roof Tank
Description:	Whittier Primary crude tanks with 1/3 of the park flow (as there are 3 tanks)

Tank Dimensions

Shell Height (ft):	40.00
Diameter (ft):	50.00
Liquid Height (ft) :	40.00
Avg. Liquid Height (ft):	25.00
Volume (gallons):	587,520.57
Turnovers:	86.98
Net Throughput(gal/yr):	51,100,000.00
Is Tank Heated (y/n):	N

Paint Characteristics

Shell Color/Shade:	Gray/Light
Shell Condition:	Good
Roof Color/Shade:	Gray/Light
Roof Condition:	Good

Roof Characteristics

Type:	Cone
Height (ft)	5.00
Slope (ft/ft) (Cone Roof)	0.20

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meteorological Data used in Emissions Calculations: Los Angeles C.O., California (Avg Atmospheric Pressure = 14.67 psia)

Appendix B

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

Whittier Crude 1/3 Peak Flow - Vertical Fixed Roof Tank
Los Angeles C.O., California

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F)			Liquid Bulk Temp (deg F)	Vapor Pressure (psia)			Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
		Avg.	Min.	Max.		Avg.	Min.	Max.					
Crude oil (RVP 5)	All	73.91	64.69	83.13	68.21	3.7548	3.1526	4.4455	50.0000			207.00	Option 4: RVP=5

Appendix B

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

Whittier Crude 1/3 Peak Flow - Vertical Fixed Roof Tank
Los Angeles C.O., California

Annual Emission Calculations

Standing Losses (lb):	16,515.6729
Vapor Space Volume (cu ft):	32,724.9234
Vapor Density (lb/cu ft):	0.0328
Vapor Space Expansion Factor:	0.1820
Vented Vapor Saturation Factor:	0.2317
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	32,724.9234
Tank Diameter (ft):	50.0000
Vapor Space Outage (ft):	16.6667
Tank Shell Height (ft):	40.0000
Average Liquid Height (ft):	25.0000
Roof Outage (ft):	1.6667
Roof Outage (Cone Roof)	
Roof Outage (ft):	1.6667
Roof Height (ft):	5.0000
Roof Slope (ft/ft):	0.2000
Shell Radius (ft):	25.0000
Vapor Density	
Vapor Density (lb/cu ft):	0.0328
Vapor Molecular Weight (lb/lb-mole):	50.0000
Vapor Pressure at Daily Average Liquid	
Surface Temperature (psia):	3.7548
Daily Avg. Liquid Surface Temp. (deg. R):	533.5767
Daily Average Ambient Temp. (deg. F):	65.9667
Ideal Gas Constant R	
(psia cu ft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	527.8767
Tank Paint Solar Absorptance (Shell):	0.5400
Tank Paint Solar Absorptance (Roof):	0.5400
Daily Total Solar Insulation	
Factor (Btu/sqft day):	1,567.1816
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.1820
Daily Vapor Temperature Range (deg. R):	36.8838
Daily Vapor Pressure Range (psia):	1.2929
Breather Vent Press. Setting Range (psia):	0.0600
Vapor Pressure at Daily Average Liquid	
Surface Temperature (psia):	3.7548
Vapor Pressure at Daily Minimum Liquid	
Surface Temperature (psia):	3.1526
Vapor Pressure at Daily Maximum Liquid	
Surface Temperature (psia):	4.4455
Daily Avg. Liquid Surface Temp. (deg. R):	533.5767
Daily Min. Liquid Surface Temp. (deg. R):	524.3557
Daily Max. Liquid Surface Temp. (deg. R):	542.7976
Daily Ambient Temp. Range (deg. R):	18.3167
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.2317
Vapor Pressure at Daily Average Liquid:	
Surface Temperature (psia):	3.7548
Vapor Space Outage (ft):	16.6667
Working Losses (lb):	87,641.5928
Vapor Molecular Weight (lb/lb-mole):	50.0000
Vapor Pressure at Daily Average Liquid	
Surface Temperature (psia):	3.7548
Annual Net Throughput (gal/yr.):	51,100,000.0000
Annual Turnovers:	86.9757
Turnover Factor:	0.5116
Maximum Liquid Volume (gal):	587,520.5715
Maximum Liquid Height (ft):	40.0000
Tank Diameter (ft):	50.0000
Working Loss Product Factor:	0.7500
Total Losses (lb):	104,157.2657

Appendix B

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

Whittier Crude 1/3 Peak Flow - Vertical Fixed Roof Tank
Los Angeles C.O., California

Components	Losses (lbs)		
	Working Loss	Breathing Loss	Total Emissions
Crude oil (RVP 5)	87,641.59	16,515.67	104,157.27

Appendix B

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Identification and Physical Characteristics

Identification

User Identification:	Whittier Reject Tank
City:	Los Angeles C.O.
State:	California
Company:	Matrix
Type of Tank:	Vertical Fixed Roof Tank
Description:	Assumes only 10% of total flow

Tank Dimensions

Shell Height (ft):		24.00
Diameter (ft):		50.00
Liquid Height (ft) :		20.00
Avg. Liquid Height (ft):		10.00
Volume (gallons):		293,760.29
Turnovers:		5.22
Net Throughput(gal/yr):		1,533,000.00
Is Tank Heated (y/n):	N	

Paint Characteristics

Shell Color/Shade:	Gray/Light
Shell Condition:	Good
Roof Color/Shade:	Gray/Light
Roof Condition:	Good

Roof Characteristics

Type:	Cone	
Height (ft)		5.00
Slope (ft/ft) (Cone Roof)		0.20

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meteorological Data used in Emissions Calculations: Los Angeles C.O., California (Avg Atmospheric Pressure = 14.67 psia)

Appendix B

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

Whittier Reject Tank - Vertical Fixed Roof Tank
Los Angeles C.O., California

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F)			Liquid Bulk Temp (deg F)	Vapor Pressure (psia)			Vapor Mol. Weight	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
		Avg.	Min.	Max.		Avg.	Min.	Max.					
Crude oil (RVP 5)	All	73.91	64.69	83.13	68.21	3.7548	3.1526	4.4455	50.0000			207.00	Option 4: RVP=5

Appendix B

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

Whittier Reject Tank - Vertical Fixed Roof Tank
Los Angeles C.O., California

Annual Emission Calculations

Standing Losses (lb):	16,275.0202
Vapor Space Volume (cu ft):	30,761.4280
Vapor Density (lb/cu ft):	0.0328
Vapor Space Expansion Factor:	0.1820
Vented Vapor Saturation Factor:	0.2429
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	30,761.4280
Tank Diameter (ft):	50.0000
Vapor Space Outage (ft):	15.6667
Tank Shell Height (ft):	24.0000
Average Liquid Height (ft):	10.0000
Roof Outage (ft):	1.6667
Roof Outage (Cone Roof)	
Roof Outage (ft):	1.6667
Roof Height (ft):	5.0000
Roof Slope (ft/ft):	0.2000
Shell Radius (ft):	25.0000
Vapor Density	
Vapor Density (lb/cu ft):	0.0328
Vapor Molecular Weight (lb/lb-mole):	50.0000
Vapor Pressure at Daily Average Liquid	
Surface Temperature (psia):	3.7548
Daily Avg. Liquid Surface Temp. (deg. R):	533.5767
Daily Average Ambient Temp. (deg. F):	65.9667
Ideal Gas Constant R	
(psia cu ft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	527.8767
Tank Paint Solar Absorptance (Shell):	0.5400
Tank Paint Solar Absorptance (Roof):	0.5400
Daily Total Solar Insulation	
Factor (Btu/sqft day):	1,567.1816
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.1820
Daily Vapor Temperature Range (deg. R):	36.8838
Daily Vapor Pressure Range (psia):	1.2929
Breather Vent Press. Setting Range (psia):	0.0600
Vapor Pressure at Daily Average Liquid	
Surface Temperature (psia):	3.7548
Vapor Pressure at Daily Minimum Liquid	
Surface Temperature (psia):	3.1526
Vapor Pressure at Daily Maximum Liquid	
Surface Temperature (psia):	4.4455
Daily Avg. Liquid Surface Temp. (deg. R):	533.5767
Daily Min. Liquid Surface Temp. (deg. R):	524.3557
Daily Max. Liquid Surface Temp. (deg. R):	542.7976
Daily Ambient Temp. Range (deg. R):	18.3167
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.2429
Vapor Pressure at Daily Average Liquid:	
Surface Temperature (psia):	3.7548
Vapor Space Outage (ft):	15.6667
Working Losses (lb):	5,139.3582
Vapor Molecular Weight (lb/lb-mole):	50.0000
Vapor Pressure at Daily Average Liquid	
Surface Temperature (psia):	3.7548
Annual Net Throughput (gal/yr.):	1,533,000.0000
Annual Turnovers:	5.2185
Turnover Factor:	1.0000
Maximum Liquid Volume (gal):	293,760.2858
Maximum Liquid Height (ft):	20.0000
Tank Diameter (ft):	50.0000
Working Loss Product Factor:	0.7500
Total Losses (lb):	21,414.3785

Appendix B

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

Whittier Reject Tank - Vertical Fixed Roof Tank
Los Angeles C.O., California

Components	Losses (lbs)		
	Working Loss	Breathing Loss	Total Emissions
Crude oil (RVP 5)	5,139.36	16,275.02	21,414.38

Appendix B

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Identification and Physical Characteristics

Identification

User Identification:	Whittier Wash Tank Full Flow
City:	Los Angeles C.O.
State:	California
Company:	Matrix
Type of Tank:	Vertical Fixed Roof Tank
Description:	

Tank Dimensions

Shell Height (ft):	25.00
Diameter (ft):	40.00
Liquid Height (ft) :	25.00
Avg. Liquid Height (ft):	20.00
Volume (gallons):	235,008.23
Turnovers:	652.32
Net Throughput(gal/yr):	153,300,000.00
Is Tank Heated (y/n):	N

Paint Characteristics

Shell Color/Shade:	Gray/Light
Shell Condition:	Good
Roof Color/Shade:	Gray/Light
Roof Condition:	Good

Roof Characteristics

Type:	Cone
Height (ft)	5.00
Slope (ft/ft) (Cone Roof)	0.25

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meteorological Data used in Emissions Calculations: Los Angeles C.O., California (Avg Atmospheric Pressure = 14.67 psia)

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TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

Whittier Wash Tank Full Flow - Vertical Fixed Roof Tank
Los Angeles C.O., California

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F)			Liquid Bulk Temp (deg F)	Vapor Pressure (psia)			Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
		Avg.	Min.	Max.		Avg.	Min.	Max.					
Crude oil (RVP 5)	All	73.91	64.69	83.13	68.21	3.7548	3.1526	4.4455	50.0000			207.00	Option 4: RVP=5

Appendix B

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

Whittier Wash Tank Full Flow - Vertical Fixed Roof Tank
Los Angeles C.O., California

Annual Emission Calculations

Standing Losses (lb):	7,844.2618
Vapor Space Volume (cu ft):	8,377.5804
Vapor Density (lb/cu ft):	0.0328
Vapor Space Expansion Factor:	0.1820
Vented Vapor Saturation Factor:	0.4298
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	8,377.5804
Tank Diameter (ft):	40.0000
Vapor Space Outage (ft):	6.6667
Tank Shell Height (ft):	25.0000
Average Liquid Height (ft):	20.0000
Roof Outage (ft):	1.6667
Roof Outage (Cone Roof)	
Roof Outage (ft):	1.6667
Roof Height (ft):	5.0000
Roof Slope (ft/ft):	0.2500
Shell Radius (ft):	20.0000
Vapor Density	
Vapor Density (lb/cu ft):	0.0328
Vapor Molecular Weight (lb/lb-mole):	50.0000
Vapor Pressure at Daily Average Liquid	
Surface Temperature (psia):	3.7548
Daily Avg. Liquid Surface Temp. (deg. R):	533.5767
Daily Average Ambient Temp. (deg. F):	65.9667
Ideal Gas Constant R	
(psia cu ft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	527.8767
Tank Paint Solar Absorptance (Shell):	0.5400
Tank Paint Solar Absorptance (Roof):	0.5400
Daily Total Solar Insulation	
Factor (Btu/sqft day):	1,567.1816
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.1820
Daily Vapor Temperature Range (deg. R):	36.8838
Daily Vapor Pressure Range (psia):	1.2929
Breather Vent Press. Setting Range (psia):	0.0600
Vapor Pressure at Daily Average Liquid	
Surface Temperature (psia):	3.7548
Vapor Pressure at Daily Minimum Liquid	
Surface Temperature (psia):	3.1526
Vapor Pressure at Daily Maximum Liquid	
Surface Temperature (psia):	4.4455
Daily Avg. Liquid Surface Temp. (deg. R):	533.5767
Daily Min. Liquid Surface Temp. (deg. R):	524.3557
Daily Max. Liquid Surface Temp. (deg. R):	542.7976
Daily Ambient Temp. Range (deg. R):	18.3167
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.4298
Vapor Pressure at Daily Average Liquid:	
Surface Temperature (psia):	3.7548
Vapor Space Outage (ft):	6.6667
Working Losses (lb):	109,291.8118
Vapor Molecular Weight (lb/lb-mole):	50.0000
Vapor Pressure at Daily Average Liquid	
Surface Temperature (psia):	3.7548
Annual Net Throughput (gal/yr.):	153,300,000.0000
Annual Turnovers:	652.3176
Turnover Factor:	0.2127
Maximum Liquid Volume (gal):	235,008.2286
Maximum Liquid Height (ft):	25.0000
Tank Diameter (ft):	40.0000
Working Loss Product Factor:	0.7500
Total Losses (lb):	117,136.0736

Appendix B

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

Whittier Wash Tank Full Flow - Vertical Fixed Roof Tank
Los Angeles C.O., California

Components	Losses (lbs)		
	Working Loss	Breathing Loss	Total Emissions
Crude oil (RVP 5)	109,291.81	7,844.26	117,136.07

TANKS 4.0.9d
Emissions Report - Summary Format
Tank Identification and Physical Characteristics

Identification

User Identification: TK101
 City: Whittier
 State: California
 Company: Matrix
 Type of Tank: Internal Floating Roof Tank
 Description: wash tanks

Tank Dimensions

Diameter (ft): 40.00
 Volume (gallons): 225,456.00
 Turnovers: 679.96
 Self Supp. Roof? (y/n): Y
 No. of Columns: 0.00
 Eff. Col. Diam. (ft): 0.00

Paint Characteristics

Internal Shell Condition: Light Rust
 Shell Color/Shade: White/White
 Shell Condition: Good
 Roof Color/Shade: White/White
 Roof Condition: Good

Rim-Seal System

Primary Seal: Mechanical Shoe
 Secondary Seal: Shoe-mounted

Deck Characteristics

Deck Fitting Category: Typical
 Deck Type: Welded

Deck Fitting/Status**Quantity**

Access Hatch (24-in. Diam.)/Unbolted Cover, Ungasketed	1
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Roof Leg or Hanger Well/Adjustable	12
Sample Pipe or Well (24-in. Diam.)/Slit Fabric Seal 10% Open	1
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	1

Meteorological Data used in Emissions Calculations: Los Angeles AP, California (Avg Atmospheric Pressure = 14.67 psia)

TANKS 4.0.9d
Emissions Report - Summary Format
Liquid Contents of Storage Tank

TK101 - Internal Floating Roof Tank
Whittier, California

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F)			Liquid Bulk Temp (deg F)	Vapor Pressure (psia)			Vapor Mol. Weight	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
		Avg.	Min.	Max.		Avg.	Min.	Max.					
Crude oil (RVP 5)	All	65.10	60.53	69.67	62.97	3.1780	N/A	N/A	50.0000			207.00	Option 4: RVP=5

TANKS 4.0.9d
Emissions Report - Summary Format
Individual Tank Emission Totals

Emissions Report for: Annual

TK101 - Internal Floating Roof Tank
Whittier, California

Components	Losses(lbs)				Total Emissions
	Rim Seal Loss	Withdrawal Loss	Deck Fitting Loss	Deck Seam Loss	
Crude oil (RVP 5)	78.01	3,665.68	198.68	0.00	3,942.36

TANKS 4.0.9d
Emissions Report - Summary Format
Tank Identification and Physical Characteristics

Identification

User Identification: TK102P
 City: Whittier
 State: California
 Company: Matrix
 Type of Tank: Internal Floating Roof Tank
 Description: Primary shipping tank

Tank Dimensions

Diameter (ft): 50.00
 Volume (gallons): 469,728.00
 Turnovers: 326.36
 Self Supp. Roof? (y/n): Y
 No. of Columns: 0.00
 Eff. Col. Diam. (ft): 0.00

Paint Characteristics

Internal Shell Condition: Light Rust
 Shell Color/Shade: White/White
 Shell Condition: Good
 Roof Color/Shade: White/White
 Roof Condition: Good

Rim-Seal System

Primary Seal: Mechanical Shoe
 Secondary Seal: Shoe-mounted

Deck Characteristics

Deck Fitting Category: Typical
 Deck Type: Welded

Deck Fitting/Status**Quantity**

Access Hatch (24-in. Diam.)/Unbolted Cover, Ungasketed	1
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Roof Leg or Hanger Well/Adjustable	15
Sample Pipe or Well (24-in. Diam.)/Slit Fabric Seal 10% Open	1
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	1

Meteorological Data used in Emissions Calculations: Los Angeles AP, California (Avg Atmospheric Pressure = 14.67 psia)

TANKS 4.0.9d
Emissions Report - Summary Format
Liquid Contents of Storage Tank

TK102P - Internal Floating Roof Tank
Whittier, California

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F)			Liquid Bulk Temp (deg F)	Vapor Pressure (psia)			Vapor Mol. Weight	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
		Avg.	Min.	Max.		Avg.	Min.	Max.					
Crude oil (RVP 5)	All	65.10	60.53	69.67	62.97	3.1780	N/A	N/A	50.0000			207.00	Option 4: RVP=5

TANKS 4.0.9d
Emissions Report - Summary Format
Individual Tank Emission Totals

Emissions Report for: Annual

TK102P - Internal Floating Roof Tank
Whittier, California

Components	Losses(lbs)				Total Emissions
	Rim Seal Loss	Withdraw Loss	Deck Fitting Loss	Deck Seam Loss	
Crude oil (RVP 5)	97.51	2,932.54	227.56	0.00	3,257.62

TANKS 4.0.9d
Emissions Report - Summary Format
Tank Identification and Physical Characteristics

Identification
 User Identification: TK103
 City: Whittier
 State: California
 Company: Matrix
 Type of Tank: Internal Floating Roof Tank
 Description: Reject tank

Tank Dimensions
 Diameter (ft): 30.00
 Volume (gallons): 101,472.00
 Turnovers: 1,510.76
 Self Supp. Roof? (y/n): Y
 No. of Columns: 0.00
 Eff. Col. Diam. (ft): 0.00

Paint Characteristics
 Internal Shell Condition: Light Rust
 Shell Color/Shade: White/White
 Shell Condition: Good
 Roof Color/Shade: White/White
 Roof Condition: Good

Rim-Seal System
 Primary Seal: Mechanical Shoe
 Secondary Seal: Shoe-mounted

Deck Characteristics
 Deck Fitting Category: Typical
 Deck Type: Welded

Deck Fitting/Status	Quantity
Access Hatch (24-in. Diam./Unbolted Cover, Ungasketed)	1
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Roof Leg or Hanger Well/Adjustable	10
Sample Pipe or Well (24-in. Diam./Slit Fabric Seal 10% Open)	1
Vacuum Breaker (10-in. Diam./Weighted Mech. Actuation, Gask.	1

Meteorological Data used in Emissions Calculations: Los Angeles AP, California (Avg Atmospheric Pressure = 14.67 psia)

TANKS 4.0.9d
Emissions Report - Summary Format
Liquid Contents of Storage Tank

TK103 - Internal Floating Roof Tank
Whittier, California

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F)			Liquid Bulk Temp (deg F)	Vapor Pressure (psia)			Vapor Mol. Weight	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
		Avg.	Min.	Max.		Avg.	Min.	Max.					
Crude oil (RVP 5)	All	65.10	60.53	69.67	62.97	3.1780	N/A	N/A	50.0000			207.00	Option 4: RVP=5

TANKS 4.0.9d
Emissions Report - Summary Format
Individual Tank Emission Totals

Emissions Report for: Annual

TK103 - Internal Floating Roof Tank
Whittier, California

Components	Losses(lbs)				Total Emissions
	Rim Seal Loss	Withdrawal Loss	Deck Fitting Loss	Deck Seam Loss	
Crude oil (RVP 5)	58.51	4,887.57	179.42	0.00	5,125.49

TANKS 4.0.9d
Emissions Report - Summary Format
Tank Identification and Physical Characteristics

Identification
 User Identification: TK-104
 City: Whittier
 State: California
 Company: Matrix
 Type of Tank: Internal Floating Roof Tank
 Description: Clarifier

Tank Dimensions
 Diameter (ft): 20.00
 Volume (gallons): 45,108.00
 Turnovers: 2,446.93
 Self Supp. Roof? (y/n): N
 No. of Columns: 1.00
 Eff. Col. Diam. (ft): 1.00

Paint Characteristics
 Internal Shell Condition: Light Rust
 Shell Color/Shade: White/White
 Shell Condition: Good
 Roof Color/Shade: White/White
 Roof Condition: Good

Rim-Seal System
 Primary Seal: Mechanical Shoe
 Secondary Seal: Shoe-mounted

Deck Characteristics
 Deck Fitting Category: Typical
 Deck Type: Welded

Deck Fitting/Status	Quantity
Access Hatch (24-in. Diam.)/Unbolted Cover, Ungasketed	1
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Column Well (24-in. Diam.)/Built-Up Col.-Sliding Cover, Ungask.	1
Ladder Well (36-in. Diam.)/Sliding Cover, Ungasketed	1
Roof Leg or Hanger Well/Adjustable	8
Sample Pipe or Well (24-in. Diam.)/Slit Fabric Seal 10% Open	1
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	1

Meteorological Data used in Emissions Calculations: Los Angeles AP, California (Avg Atmospheric Pressure = 14.67 psia)

TANKS 4.0.9d
Emissions Report - Summary Format
Liquid Contents of Storage Tank

TK-104 - Internal Floating Roof Tank
Whittier, California

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F)			Liquid Bulk Temp (deg F)	Vapor Pressure (psia)			Vapor Mol. Weight	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
		Avg.	Min.	Max.		Avg.	Min.	Max.					
Crude oil (RVP 5)	All	65.10	60.53	69.67	62.97	3.1780	N/A	N/A	50.0000			207.00	Option 4: RVP=5

TANKS 4.0.9d
Emissions Report - Summary Format
Individual Tank Emission Totals

Emissions Report for: Annual

TK-104 - Internal Floating Roof Tank
Whittier, California

Components	Losses(lbs)				Total Emissions
	Rim Seal Loss	Withdrawal Loss	Deck Fitting Loss	Deck Seam Loss	
Crude oil (RVP 5)	39.00	5,542.50	310.08	0.00	5,891.59

TANKS 4.0.9d
Emissions Report - Summary Format
Tank Identification and Physical Characteristics

Identification

User Identification: TK105
 City: whittier
 State: California
 Company: Matrix
 Type of Tank: Internal Floating Roof Tank
 Description: filtered water

Tank Dimensions

Diameter (ft): 42.00
 Volume (gallons): 331,461.00
 Turnovers: 333.00
 Self Supp. Roof? (y/n): Y
 No. of Columns: 0.00
 Eff. Col. Diam. (ft): 0.00

Paint Characteristics

Internal Shell Condition: Light Rust
 Shell Color/Shade: White/White
 Shell Condition: Good
 Roof Color/Shade: White/White
 Roof Condition: Good

Rim-Seal System

Primary Seal: Mechanical Shoe
 Secondary Seal: Shoe-mounted

Deck Characteristics

Deck Fitting Category: Typical
 Deck Type: Welded

Deck Fitting/Status

	Quantity
Access Hatch (24-in. Diam.)/Unbolted Cover, Ungasketed	1
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Roof Leg or Hanger Well/Adjustable	13
Sample Pipe or Well (24-in. Diam.)/Slit Fabric Seal 10% Open	1
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	1

Meteorological Data used in Emissions Calculations: Los Angeles AP, California (Avg Atmospheric Pressure = 14.67 psia)

TANKS 4.0.9d
Emissions Report - Summary Format
Liquid Contents of Storage Tank

TK105 - Internal Floating Roof Tank
Whittier, California

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F)			Liquid Bulk Temp (deg F)	Vapor Pressure (psia)			Vapor Mol. Weight	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
		Avg.	Min.	Max.		Avg.	Min.	Max.					
Crude oil (RVP 5)	All	65.10	60.53	69.67	62.97	3.1780	N/A	N/A	50.0000			207.00	Option 4: RVP=5

TANKS 4.0.9d
Emissions Report - Summary Format
Individual Tank Emission Totals

Emissions Report for: Annual

TK105 - Internal Floating Roof Tank
whittier, California

Components	Losses(lbs)				Total Emissions
	Rim Seal Loss	Withdrawal Loss	Deck Fitting Loss	Deck Seam Loss	
Crude oil (RVP 5)	81.91	2,513.61	208.31	0.00	2,803.82

TANKS 4.0.9d
Emissions Report - Summary Format
Tank Identification and Physical Characteristics

Identification

User Identification: TK106
 City: whittier
 State: California
 Company: Matrix
 Type of Tank: Internal Floating Roof Tank
 Description: skim drain tank

Tank Dimensions

Diameter (ft): 30.00
 Volume (gallons): 101,472.00
 Turnovers: 1,087.75
 Self Supp. Roof? (y/n): Y
 No. of Columns: 0.00
 Eff. Col. Diam. (ft): 0.00

Paint Characteristics

Internal Shell Condition: Light Rust
 Shell Color/Shade: White/White
 Shell Condition: Good
 Roof Color/Shade: White/White
 Roof Condition: Good

Rim-Seal System

Primary Seal: Mechanical Shoe
 Secondary Seal: Shoe-mounted

Deck Characteristics

Deck Fitting Category: Typical
 Deck Type: Welded

Deck Fitting/Status

Quantity

Access Hatch (24-in. Diam.)/Unbolted Cover, Ungasketed	1
Automatic Gauge Float Well/Unbolted Cover, Ungasketed	1
Roof Leg or Hanger Well/Adjustable	10
Sample Pipe or Well (24-in. Diam.)/Slit Fabric Seal 10% Open	1
Vacuum Breaker (10-in. Diam.)/Weighted Mech. Actuation, Gask.	1

Meteorological Data used in Emissions Calculations: Los Angeles AP, California (Avg Atmospheric Pressure = 14.67 psia)

TANKS 4.0.9d
Emissions Report - Summary Format
Liquid Contents of Storage Tank

TK106 - Internal Floating Roof Tank
Whittier, California

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F)			Liquid Bulk Temp (deg F)	Vapor Pressure (psia)			Vapor Mol. Weight	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
		Avg.	Min.	Max.		Avg.	Min.	Max.					
Crude oil (RVP 5)	All	65.10	60.53	69.67	62.97	3.1780	N/A	N/A	50.0000			207.00	Option 4: RVP=5

TANKS 4.0.9d
Emissions Report - Summary Format
Individual Tank Emission Totals

Emissions Report for: Annual

TK106 - Internal Floating Roof Tank
whittier, California

Components	Losses(lbs)				Total Emissions
	Rim Seal Loss	Withdrawal Loss	Deck Fitting Loss	Deck Seam Loss	
Crude oil (RVP 5)	58.51	3,519.05	179.42	0.00	3,756.97

Appendix B

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** BREEZE AERMOD
** Trinity Consultants
** VERSION 7.2

CO STARTING
CO TITLEONE Penn Street Emissions, unit, 1 g/m2-s, DPM Annual
CO MODELOPT DFAULT CONC
CO RUNORNOT RUN
CO AVERTIME ANNUAL
CO POLLUTID OTHER
CO FINISHED

SO STARTING
SO ELEVUNIT METERS
SO LOCATION 16FO2000 AREA 404680.139060204 3759685.968778990 93.68
SO LOCATION 16FO2001 AREA 404730.135142773 3759685.198941670 97.85
SO LOCATION 16FO2002 AREA 404780.131225342 3759684.419106460 99.67
SO LOCATION 16FO2003 AREA 404830.119061814 3759683.649269140 101.41
SO LOCATION 16FO2004 AREA 404880.115144383 3759682.879431820 103.25
SO LOCATION 16FO2005 AREA 404930.111226952 3759682.099596610 106.60
SO LOCATION 16FO2006 AREA 404980.107309521 3759681.329759290 110.01
SO LOCATION 16FO2007 AREA 405030.095145993 3759680.549924080 115.69
SO LOCATION 16FO2008 AREA 405080.091228562 3759679.780086760 121.11
SO LOCATION 16FO2009 AREA 405130.087311131 3759679.000251550 126.15
SO LOCATION 16FO200A AREA 405180.083393700 3759678.230414230 129.22
SO LOCATION 16FO200B AREA 405230.071230172 3759677.450579020 129.44
SO LOCATION 16FO200C AREA 405280.067312741 3759676.680741700 129.44
SO LOCATION 16FO200D AREA 405330.063395310 3759675.910904380 125.06
SO LOCATION 16FO200E AREA 405380.199661518 3759674.781143110 121.15
SO LOCATION 16FO200F AREA 405430.269958955 3759667.302723420 120.00
SO LOCATION 16FO200G AREA 405478.773498072 3759658.874504440 121.03
SO LOCATION 16FO200H AREA 405526.402950970 3759663.993422730 122.75
SO LOCATION 16FO200I AREA 405566.503717840 3759689.238088130 124.63
SO LOCATION 16FO200J AREA 405604.683144245 3759721.521266180 127.63
SO LOCATION 16FO200K AREA 405642.862570650 3759753.794446350 132.33
SO LOCATION 16FO200L AREA 405677.141593450 3759788.717066650 143.52
SO LOCATION 16FO200M AREA 405708.468513734 3759827.688831290 151.55
SO LOCATION 16FO200N AREA 405739.803680114 3759866.650598060 151.62
SO SRCPARAM 16FO2000 1 3 50 10 1 0
SO SRCPARAM 16FO2001 1 3 50 10 1 0
SO SRCPARAM 16FO2002 1 3 50 10 1 0
SO SRCPARAM 16FO2003 1 3 50 10 1 0
SO SRCPARAM 16FO2004 1 3 50 10 1 0
SO SRCPARAM 16FO2005 1 3 50 10 1 0
SO SRCPARAM 16FO2006 1 3 50 10 1 0
SO SRCPARAM 16FO2007 1 3 50 10 1 0
SO SRCPARAM 16FO2008 1 3 50 10 1 0
SO SRCPARAM 16FO2009 1 3 50 10 1 0
SO SRCPARAM 16FO200A 1 3 50 10 1 0
SO SRCPARAM 16FO200B 1 3 50 10 1 0
SO SRCPARAM 16FO200C 1 3 50 10 1 0
SO SRCPARAM 16FO200D 1 3 50 10 1 0
SO SRCPARAM 16FO200E 1 3 50 10 8 0
SO SRCPARAM 16FO200F 1 3 50 10 10 0
SO SRCPARAM 16FO200G 1 3 50 10 -6 0
SO SRCPARAM 16FO200H 1 3 50 10 -32 0
SO SRCPARAM 16FO200I 1 3 50 10 -40 0
SO SRCPARAM 16FO200J 1 3 50 10 -40 0
SO SRCPARAM 16FO200K 1 3 50 10 -46 0
SO SRCPARAM 16FO200L 1 3 50 10 -51 0
SO SRCPARAM 16FO200M 1 3 50 10 -51 0
SO SRCPARAM 16FO200N 1 3 50 10 -51 0
SO SRCGROUP ALL
SO FINISHED

RE STARTING
RE ELEVUNIT METERS
** BOUNDARY 16FO201C
RE DISCCART 404690.9 3759703 95.26 389
RE DISCCART 405108.9 3759696.2 125.38 389
RE DISCCART 405273.6 3759694.8 130.16 414
RE DISCCART 405272.7 3759668.3 129.37 404
RE DISCCART 404690.4 3759678.3 94.36 389
** BOUNDARY 16FO201N
RE DISCCART 405273.2 3759694.8 130.18 414
RE DISCCART 405361 3759693.4 123.05 414
RE DISCCART 405397.1 3759688.4 120.72 414
RE DISCCART 405442.9 3759683.8 120 414
RE DISCCART 405486.8 3759677 120.53 414
RE DISCCART 405524.7 3759682.5 121.11 414
RE DISCCART 405560.9 3759707.6 124.32 414
RE DISCCART 405597.5 3759739.2 125.07 414
RE DISCCART 405630.4 3759768.9 130.97 414
RE DISCCART 405674.8 3759831.6 150.47 414
RE DISCCART 405707.2 3759805.5 149.47 414
RE DISCCART 405688.5 3759690.2 151.48 414
RE DISCCART 405633.6 3759688.9 136.02 414
RE DISCCART 405615.3 3759664.2 136.85 414
RE DISCCART 405571.4 3759680.6 126.5 414
RE DISCCART 405541.2 3759657.3 124.56 414
RE DISCCART 405479.9 3759647.2 121.85 414
RE DISCCART 405419.5 3759654.1 120 414
RE DISCCART 405366 3759663.7 121.72 414
RE DISCCART 405325.3 3759670.6 125.18 414
RE DISCCART 405273.6 3759668.3 129.31 414
RE FINISHED

ME STARTING
ME SURFFILE "I:\Whittier\Report\Air\Penn Modeling\pico.SFC"
** SURFFILE "I:\Whittier\Report\Air\Penn Modeling\pico.SFC"
ME PROFFILE "I:\Whittier\Report\Air\Penn Modeling\pico.PPL"
** PROFFILE "I:\Whittier\Report\Air\Penn Modeling\pico.PPL"
ME SURFDATA 0 2005 PICORIVERA

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Appendix B

ME UAIRDATA 3190 2005
 ME PROFBASE 58
 ME FINISHED

OU STARTING
 OU FILEFORM FIX
 OU PLOTFILE ANNUAL ALL ALL`ANNUAL.plt 10000
 OU FINISHED

*** Message Summary For AERMOD Model Setup ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
 A Total of 1 Warning Message(s)
 A Total of 0 Informational Message(s)

***** FATAL ERROR MESSAGES *****
 *** NONE ***

***** WARNING MESSAGES *****
 OU W565 110 PERPLT:Possible Conflict With Dynamically Allocated FUNIT PLOTFILE

 *** SETUP Finishes Successfully ***

• *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED *** 01/31/11
 *** *** *** 16:46:32
 *** *** *** PAGE 1

**MODELOPTs: RegDEFAULT CONC ELEV

*** MODEL SETUP OPTIONS SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION. DRYDPLT = F
 **Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses RURAL Dispersion Only.

**Model Uses Regulatory DEFAULT Options:
 1. Stack-tip Downwash.
 2. Model Accounts for ELEVated Terrain Effects.
 3. Use Calms Processing Routine.
 4. Use Missing Data Processing Routine.
 5. No Exponential Decay.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

**This Run Includes: 24 Source(s); 1 Source Group(s); and 26 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:
 Model Outputs Tables of ANNUAL Averages by Receptor
 Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
 m for Missing Hours
 b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 58.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.5 MB of RAM.

• *** AERMOD - VERSION 09292 *** *** NO TITLE SPECIFIED *** 01/31/11
 *** *** *** 16:46:32
 *** *** *** PAGE 2

**MODELOPTs: RegDEFAULT CONC ELEV

*** AREA SOURCE DATA ***

RATE	SOURCE	PART.	EMISSION RATE (GRAMS/SEC)	COORD (SW CORNER) X	COORD (SW CORNER) Y	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION SCALAR
VARY	ID	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(DEG.)	(METERS)		BY
	16FO2000	0	0.10000E+01	404680.1	3759686.0	93.7	3.00	50.00	10.00	1.00	0.00	NO	
	16FO2001	0	0.10000E+01	404730.1	3759685.2	97.8	3.00	50.00	10.00	1.00	0.00	NO	
	16FO2002	0	0.10000E+01	404780.1	3759684.4	99.7	3.00	50.00	10.00	1.00	0.00	NO	
	16FO2003	0	0.10000E+01	404830.1	3759683.6	101.4	3.00	50.00	10.00	1.00	0.00	NO	
	16FO2004	0	0.10000E+01	404880.1	3759682.9	103.2	3.00	50.00	10.00	1.00	0.00	NO	
	16FO2005	0	0.10000E+01	404930.1	3759682.1	106.6	3.00	50.00	10.00	1.00	0.00	NO	

Appendix B

Table with columns for receptor ID, x, y, z coordinates, and wind speed categories. Includes model options and version information.

**MODELOPTs: RegDFAULT CONC ELEV

*** SOURCE IDs DEFINING SOURCE GROUPS ***

Table listing GROUP ID and SOURCE IDs for various receptor locations.

**MODELOPTs: RegDFAULT CONC ELEV

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

Table listing discrete Cartesian receptors with coordinates and flags.

**MODELOPTs: RegDFAULT CONC ELEV

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

Table showing meteorological days selected for processing across various receptors.

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

Table listing upper bounds of wind speed categories (1.54, 3.09, 5.14, 8.23, 10.80) and model options.

Appendix B

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: I:\Whittier\Report\Air\Penn Modeling\pico.SFC Met Version: 06341
 Profile file: I:\Whittier\Report\Air\Penn Modeling\pico.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 0 Upper air station no.: 3190
 Name: PICORIVERA Name: UNKNOWN
 Year: 2005 Year: 2005

First 24 hours of scalar data																			
YR	MO	DY	JDY HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
05	10	12	285 01	-0.5	0.026	-9.000	-9.000	-999.	9.	2.8	0.40	1.00	1.00	0.40	44.	9.1	285.8	5.5	
05	10	12	285 02	-0.5	0.026	-9.000	-9.000	-999.	9.	2.8	0.40	1.00	1.00	0.40	16.	9.1	285.4	5.5	
05	10	12	285 03	-0.3	0.019	-9.000	-9.000	-999.	6.	2.1	0.40	1.00	1.00	0.30	32.	9.1	284.9	5.5	
05	10	12	285 04	-0.7	0.032	-9.000	-9.000	-999.	13.	4.2	0.40	1.00	1.00	0.50	358.	9.1	284.2	5.5	
05	10	12	285 05	-0.2	0.019	-9.000	-9.000	-999.	6.	2.9	0.40	1.00	1.00	0.30	301.	9.1	283.9	5.5	
05	10	12	285 06	-2.4	0.064	-9.000	-9.000	-999.	37.	9.7	0.40	1.00	1.00	1.00	195.	9.1	283.6	5.5	
05	10	12	285 07	-3.2	0.070	-9.000	-9.000	-999.	43.	9.9	0.40	1.00	0.48	1.10	162.	9.1	285.2	5.5	
05	10	12	285 08	53.9	0.144	0.777	0.018	314.	126.	-5.0	0.40	1.00	0.27	0.70	41.	9.1	289.2	5.5	
05	10	12	285 09	115.3	0.223	1.040	0.016	353.	243.	-8.7	0.40	1.00	0.21	1.20	161.	9.1	291.0	5.5	
05	10	12	285 10	161.7	0.316	1.223	0.014	409.	408.	-17.6	0.40	1.00	0.19	1.90	194.	9.1	293.8	5.5	
05	10	12	285 11	192.9	0.310	1.364	0.010	475.	396.	-13.9	0.40	1.00	0.19	1.80	210.	9.1	295.5	5.5	
05	10	12	285 12	205.8	0.370	1.460	0.007	547.	517.	-22.2	0.40	1.00	0.18	2.30	207.	9.1	297.1	5.5	
05	10	12	285 13	194.8	0.402	1.473	0.005	594.	586.	-30.1	0.40	1.00	0.19	2.60	205.	9.1	298.1	5.5	
05	10	12	285 14	167.8	0.374	1.551	0.005	804.	526.	-28.1	0.40	1.00	0.19	2.40	199.	9.1	299.4	5.5	
05	10	12	285 15	118.7	0.420	1.447	0.005	925.	626.	-56.4	0.40	1.00	0.20	2.90	233.	9.1	299.6	5.5	
05	10	12	285 16	60.1	0.426	1.177	0.005	981.	639.	-116.1	0.40	1.00	0.25	3.10	234.	9.1	298.6	5.5	
05	10	12	285 17	7.8	0.339	0.596	0.005	982.	459.	-453.4	0.40	1.00	0.40	2.60	220.	9.1	296.9	5.5	
05	10	12	285 18	-8.6	0.102	-9.000	-9.000	-999.	152.	11.2	0.40	1.00	1.00	1.60	223.	9.1	294.6	5.5	
05	10	12	285 19	-4.8	0.077	-9.000	-9.000	-999.	51.	8.4	0.40	1.00	1.00	1.20	205.	9.1	291.6	5.5	
05	10	12	285 20	-5.7	0.083	-9.000	-9.000	-999.	55.	9.1	0.40	1.00	1.00	1.30	189.	9.1	289.9	5.5	
05	10	12	285 21	-2.7	0.057	-9.000	-9.000	-999.	32.	6.3	0.40	1.00	1.00	0.90	200.	9.1	288.8	5.5	
05	10	12	285 22	-0.8	0.032	-9.000	-9.000	-999.	13.	3.5	0.40	1.00	1.00	0.50	73.	9.1	288.0	5.5	
05	10	12	285 23	-0.5	0.026	-9.000	-9.000	-999.	9.	2.8	0.40	1.00	1.00	0.40	31.	9.1	287.1	5.5	
05	10	12	285 24	-2.2	0.051	-9.000	-9.000	-999.	27.	5.5	0.40	1.00	1.00	0.80	7.	9.1	286.4	5.5	

First hour of profile data
 YR MO DY HR HEIGHT F WDIR WSPD AMB_TMP sigmaA sigmaW sigmaV
 05 10 12 01 5.5 0 -999. -99.00 285.8 99.0 -99.00 -99.00
 05 10 12 01 9.1 1 44. 0.40 -999.0 99.0 -99.00 -99.00

F indicates top of profile (=1) or below (=0)
 • *** AERMOD - VERSION 09292 *** ** NO TITLE SPECIFIED

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 *** 16:46:32
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**MODELOPTs: RegDFAULT CONC

ELEV

*** THE ANNUAL AVERAGE CONCENTRATION INCLUDING SOURCE(S): VALUES AVERAGED OVER 2 YEARS FOR SOURCE GROUP: ALL ***
 16FO2000, 16FO2001, 16FO2002, 16FO2003, 16FO2004, 16FO2005,

16FO2006, 16FO2007, 16FO2008, 16FO2009, 16FO200A, 16FO200B, 16FO200C, 16FO200D, 16FO200E, 16FO200F, 16FO200G, 16FO200H,
 16FO200I, 16FO200J, 16FO200K, 16FO200L, 16FO200M, 16FO200N,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
404690.90	3759703.00	844620.52096	405108.90	3759696.20	1094159.41351
405273.60	3759694.80	1004057.85891	405272.70	3759668.30	673718.73420
404690.40	3759678.30	526360.43011	405273.20	3759694.80	1006427.25090
405361.00	3759693.40	919868.99133	405397.10	3759688.40	860268.38290
405442.90	3759683.80	1009554.94077	405486.80	3759677.00	1051841.08923
405524.70	3759682.50	1239561.40702	405560.90	3759707.60	1624549.47311
405597.50	3759739.20	1522787.84679	405630.40	3759768.90	1640124.47984
405674.80	3759831.60	522539.20871	405707.20	3759805.50	577899.60942
405688.50	3759690.20	171529.22031	405633.60	3759688.90	493184.61038
405615.30	3759664.20	405599.64647	405571.40	3759680.60	1567916.82869
405541.20	3759657.30	1534503.44320	405479.90	3759647.20	1129951.52372
405419.50	3759654.10	776766.07909	405366.00	3759663.70	731834.81824
405325.30	3759670.60	639513.42142	405273.60	3759668.30	665581.43824

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**MODELOPTs: RegDFAULT CONC

ELEV

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 2 YEARS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Appendix B

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS 1640124.47984 AT (	405630.40, 3759768.90,	130.97,	414.00, 0.00) DC
	2ND HIGHEST VALUE IS 1624549.47311 AT (	405560.90, 3759707.60,	124.32,	414.00, 0.00) DC
	3RD HIGHEST VALUE IS 1567916.82869 AT (	405571.40, 3759680.60,	126.50,	414.00, 0.00) DC
	4TH HIGHEST VALUE IS 1534503.44320 AT (	405541.20, 3759657.30,	124.56,	414.00, 0.00) DC
	5TH HIGHEST VALUE IS 1522787.84679 AT (	405597.50, 3759739.20,	125.07,	414.00, 0.00) DC
	6TH HIGHEST VALUE IS 1239561.40702 AT (	405524.70, 3759682.50,	121.11,	414.00, 0.00) DC
	7TH HIGHEST VALUE IS 1129951.52372 AT (	405479.90, 3759647.20,	121.85,	414.00, 0.00) DC
	8TH HIGHEST VALUE IS 1094159.41351 AT (	405108.90, 3759696.20,	125.38,	389.00, 0.00) DC
	9TH HIGHEST VALUE IS 1051841.08923 AT (	405486.80, 3759677.00,	120.53,	414.00, 0.00) DC
	10TH HIGHEST VALUE IS 1009554.94077 AT (405442.90, 3759683.80,	120.00,	414.00, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR

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**MODELOPTs: RegDFAULT CONC ELEV

*** Message Summary : AERMOD Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
 A Total of 2 Warning Message(s)
 A Total of 780 Informational Message(s)
 A Total of 19464 Hours Were Processed
 A Total of 0 Calm Hours Identified
 A Total of 780 Missing Hours Identified (4.01 Percent)

***** FATAL ERROR MESSAGES *****
 *** NONE ***

***** WARNING MESSAGES *****
 OU W565 110 PERPLT:Possible Conflict With Dynamically Allocated FUNIT PLOTFILE
 MX W481 19465 MAIN :Data Remaining After End of Year. Number of Hours= 1944

 *** AERMOD Finishes Successfully ***

Penn Street Modeling: Diesel Particulate Cancer Risk

Value	Description	
0.001032	HHDT PM emissions, lb/mile, EMFAC2007 LA County 2011	
	10 Area source width, m	
	1 one way trips per day	
3.37E-10	Emissions, g/m ² -s	
1640000	Aermod results, per g/m ² -s	
0.00055	Aermod results, DPM ug/m ³ max	Aermod modeling run, MICR location, 25m grid
	1.10 DPM Cancer potency factor	from SCAQMD HRA Assessment Procedures, version 7
302.00	Daily breathing rate, L/kg-day	from SCAQMD HRA Assessment Procedures, version 7
	0.96 Exposure value factor	from SCAQMD HRA Assessment Procedures, version 7
	1.00 Multipathway factor	from SCAQMD HRA Assessment Procedures, version 7
	0.18 DPM Cancer risk, per million, per truck trip	
56.7	Number of one-way trips to be under 10 in a million	
2.00	Construction years	
1984	daily avg construction trips to be under sig criteria, averaged over 70 years	

Appendix B

NOx Peak Hour Emissions Unmitigated

** ISC input file generated by GCC from

** Date: 7/22/2011

CO STARTING

TITLEONE WHITTIER MATRIX OIL PROJECT
TITLETWO ANALYSIS PEAK HR NOx emissions
MODELOPT CONC URBAN NOCALM
AVERTIME 1
POLLUTID Other
TERRHGTS ELEV
RUNORNOT RUN
ERRORFIL c:\ISC\zERROR.ERR
FLAGPOLE 0.0

CO FINISHED

** UTMZONE 11

** SRCPARAM g/sec - height m - temp K - velocity m/s - dia m

SO STARTING

ELEVUNIT FEET

** Flare

LOCATION 1 POINT 407065 3759568 495

SRCPARAM 1 4.104 12.2 1050 3.7 1.8

** DEA Reboiler - not operating on peak day

LOCATION 2 POINT 407085 3759498 495

SRCPARAM 2 0.000 6.1 565.0 2.8 0.25

** Heater - not operating on peak day

LOCATION 3 POINT 407085 3759498 495

SRCPARAM 3 0.000 6.1 565.0 2.8 0.5

** Drill Rig

LOCATION 4 POINT 407130 3759340 485

SRCPARAM 4 0.369 4.0 783.0 3.6 0.2

SRCGROUP 1 1-4

SO FINISHED

RE STARTING

ELEVUNIT FEET

** receptor 1 property boundary receptor: 1

DISCCART 409779.521165832 3759787.55611628 0.00 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B6+1 property boundary receptor: =C6+1
DISCCART 409779.356248946 3759762.55120596 0.00 1.50

** receptor =B7+1 property boundary receptor: =C7+1
DISCCART 409779.19133206 3759737.5562936 0.00 1.50

** receptor =B8+1 property boundary receptor: =C8+1
DISCCART 409779.026415174 3759712.55138327 0.00 1.50

** receptor =B9+1 property boundary receptor: =C9+1
DISCCART 409778.869744132 3759687.55647092 0.00 1.50

** receptor =B10+1 property boundary receptor: =C10+1
DISCCART 409778.704827246 3759662.56155856 0.00 1.50

** receptor =B11+1 property boundary receptor: =C11+1
DISCCART 409778.539910361 3759637.55664824 0.00 1.50

** receptor =B12+1 property boundary receptor: =C12+1
DISCCART 409778.374993475 3759612.56173588 0.00 1.50

** receptor =B13+1 property boundary receptor: =C13+1
DISCCART 409778.210076589 3759587.55682556 0.00 1.50

** receptor =B14+1 property boundary receptor: =C14+1
DISCCART 409778.053405547 3759562.5619132 0.00 1.50

** receptor =B15+1 property boundary receptor: =C15+1
DISCCART 409777.888488661 3759537.55700287 0.00 1.50

** receptor =B16+1 property boundary receptor: =C16+1
DISCCART 409777.723571775 3759512.56209052 0.00 1.50

** receptor =B17+1 property boundary receptor: =C17+1
DISCCART 409777.558654889 3759487.55718019 0.00 1.50

** receptor =B18+1 property boundary receptor: =C18+1
DISCCART 409777.393738003 3759462.56226784 0.00 1.50

** receptor =B19+1 property boundary receptor: =C19+1
DISCCART 409777.237066962 3759437.55735751 0.00 1.50

** receptor =B20+1 property boundary receptor: =C20+1
DISCCART 409777.072150076 3759412.56244516 0.00 1.50

** receptor =B21+1 property boundary receptor: =C21+1
DISCCART 409776.90723319 3759387.55753483 0.00 1.50

** receptor =B22+1 property boundary receptor: =C22+1
DISCCART 409776.742316304 3759362.56262247 0.00 1.50

** receptor =B23+1 property boundary receptor: =C23+1
DISCCART 409776.577399418 3759337.56771012 0.00 1.50

** receptor =B24+1 property boundary receptor: =C24+1
DISCCART 409776.420728376 3759312.56279979 0.00 1.50

** receptor =B25+1 property boundary receptor: =C25+1
DISCCART 409776.25581149 3759287.56788744 0.00 1.50

** receptor =B26+1 property boundary receptor: =C26+1
DISCCART 409776.090894605 3759262.56297711 0.00 1.50

** receptor =B27+1 property boundary receptor: =C27+1
DISCCART 409775.925977719 3759237.56806476 0.00 1.50

** receptor =B28+1 property boundary receptor: =C28+1
DISCCART 409775.653864857 3759212.56315443 0.00 1.50

** receptor =B29+1 property boundary receptor: =C29+1
DISCCART 409775.389997839 3759187.56824207 0.00 1.50

** receptor =B30+1 property boundary receptor: =C30+1
DISCCART 409775.117884978 3759162.56333175 0.00 1.50

** receptor =B31+1 property boundary receptor: =C31+1

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 409774.845772116 3759137.56841939 0.00 1.50
** receptor =B32+1 property boundary receptor: =C32+1
DISCCART 409774.581905098 3759112.57350704 0.00 1.50
** receptor =B33+1 property boundary receptor: =C33+1
DISCCART 409774.309792237 3759087.56859671 0.00 1.50
** receptor =B34+1 property boundary receptor: =C34+1
DISCCART 409774.037679375 3759062.57368436 0.00 1.50
** receptor =B35+1 property boundary receptor: =C35+1
DISCCART 409773.773812357 3759037.578772 0.00 1.50
** receptor =B36+1 property boundary receptor: =C36+1
DISCCART 409765.239363511 3759020.17231503 0.00 1.50
** receptor =B37+1 property boundary receptor: =C37+1
DISCCART 409740.237963605 3759020.5522377 0.00 1.50
** receptor =B38+1 property boundary receptor: =C38+1
DISCCART 409715.244809544 3759020.89216851 0.00 1.50
** receptor =B39+1 property boundary receptor: =C39+1
DISCCART 409690.243409638 3759021.21210339 0.00 1.50
** receptor =B40+1 property boundary receptor: =C40+1
DISCCART 409665.242009733 3759021.53203826 0.00 1.50
** receptor =B41+1 property boundary receptor: =C41+1
DISCCART 409640.248855671 3759021.86197111 0.00 1.50
** receptor =B42+1 property boundary receptor: =C42+1
DISCCART 409615.247455766 3759022.18190599 0.00 1.50
** receptor =B43+1 property boundary receptor: =C43+1
DISCCART 409590.254301704 3759022.50184086 0.00 1.50
** receptor =B44+1 property boundary receptor: =C44+1
DISCCART 409565.252901799 3759022.83177371 0.00 1.50
** receptor =B45+1 property boundary receptor: =C45+1
DISCCART 409540.259747738 3759023.15170858 0.00 1.50
** receptor =B46+1 property boundary receptor: =C46+1
DISCCART 409515.266593676 3759024.15150508 0.00 1.50
** receptor =B47+1 property boundary receptor: =C47+1
DISCCART 409490.289931303 3759025.35126087 0.00 1.50
** receptor =B48+1 property boundary receptor: =C48+1
DISCCART 409465.321514775 3759026.38105126 0.00 1.50
** receptor =B49+1 property boundary receptor: =C49+1
DISCCART 409440.336606558 3759027.09090677 0.00 1.50
** receptor =B50+1 property boundary receptor: =C50+1
DISCCART 409415.351698341 3759027.66079077 0.00 1.50
** receptor =B51+1 property boundary receptor: =C51+1
DISCCART 409390.342052591 3759027.87074804 0.00 1.50
** receptor =B52+1 property boundary receptor: =C52+1
DISCCART 409365.34889853 3759028.39064221 0.00 1.50
** receptor =B53+1 property boundary receptor: =C53+1
DISCCART 409340.355744468 3759028.90053843 0.00 1.50
** receptor =B54+1 property boundary receptor: =C54+1
DISCCART 409315.362590407 3759029.4204326 0.00 1.50
** receptor =B55+1 property boundary receptor: =C55+1
DISCCART 409290.369436346 3759029.94032678 0.00 1.50
** receptor =B56+1 property boundary receptor: =C56+1
DISCCART 409265.376282284 3759030.45022299 0.00 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B57+1 property boundary receptor: =C57+1
DISCCART 409240.374882379 3759030.97011717 0.00 1.50

** receptor =B58+1 property boundary receptor: =C58+1
DISCCART 409215.381728317 3759031.48001338 0.00 1.50

** receptor =B59+1 property boundary receptor: =C59+1
DISCCART 409190.388574256 3759031.99990756 0.00 1.50

** receptor =B60+1 property boundary receptor: =C60+1
DISCCART 409165.395420195 3759032.51980174 0.00 1.50

** receptor =B61+1 property boundary receptor: =C61+1
DISCCART 409140.402266133 3759033.02969795 0.00 1.50

** receptor =B62+1 property boundary receptor: =C62+1
DISCCART 409115.400866228 3759033.54959213 0.00 1.50

** receptor =B63+1 property boundary receptor: =C63+1
DISCCART 409090.407712167 3759034.0694863 0.00 1.50

** receptor =B64+1 property boundary receptor: =C64+1
DISCCART 409065.414558105 3759034.57938251 0.00 1.50

** receptor =B65+1 property boundary receptor: =C65+1
DISCCART 409040.421404044 3759035.09927669 0.00 1.50

** receptor =B66+1 property boundary receptor: =C66+1
DISCCART 409015.428249983 3759035.61917087 0.00 1.50

** receptor =B67+1 property boundary receptor: =C67+1
DISCCART 408990.426850077 3759036.12906708 0.00 1.50

** receptor =B68+1 property boundary receptor: =C68+1
DISCCART 408965.433696016 3759036.64896126 0.00 1.50

** receptor =B69+1 property boundary receptor: =C69+1
DISCCART 408940.440541954 3759037.15885747 0.00 1.50

** receptor =B70+1 property boundary receptor: =C70+1
DISCCART 408915.447387893 3759037.67875165 0.00 1.50

** receptor =B71+1 property boundary receptor: =C71+1
DISCCART 408890.454233832 3759038.19864582 0.00 1.50

** receptor =B72+1 property boundary receptor: =C72+1
DISCCART 408865.46107977 3759038.70854204 0.00 1.50

** receptor =B73+1 property boundary receptor: =C73+1
DISCCART 408840.459679865 3759039.22843621 0.00 1.50

** receptor =B74+1 property boundary receptor: =C74+1
DISCCART 408815.466525803 3759039.74833039 0.00 1.50

** receptor =B75+1 property boundary receptor: =C75+1
DISCCART 408790.473371742 3759040.2582266 0.00 1.50

** receptor =B76+1 property boundary receptor: =C76+1
DISCCART 408765.480217681 3759040.77812078 0.00 1.50

** receptor =B77+1 property boundary receptor: =C77+1
DISCCART 408740.487063619 3759041.28801699 0.00 1.50

** receptor =B78+1 property boundary receptor: =C78+1
DISCCART 408715.485663714 3759041.80791117 0.00 1.50

** receptor =B79+1 property boundary receptor: =C79+1
DISCCART 408690.492509652 3759042.32780535 0.00 1.50

** receptor =B80+1 property boundary receptor: =C80+1
DISCCART 408665.499355591 3759042.83770156 0.00 1.50

** receptor =B81+1 property boundary receptor: =C81+1
DISCCART 408640.50620153 3759043.35759573 0.00 1.50

** receptor =B82+1 property boundary receptor: =C82+1

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 408615.513047468 3759043.87748991 0.00 1.50
** receptor =B83+1 property boundary receptor: =C83+1
DISCCART 408590.519893407 3759044.38738612 0.00 1.50
** receptor =B84+1 property boundary receptor: =C84+1
DISCCART 408581.894740273 3759028.87054453 0.00 1.50
** receptor =B85+1 property boundary receptor: =C85+1
DISCCART 408581.58139819 3759003.87563217 0.00 1.50
** receptor =B86+1 property boundary receptor: =C86+1
DISCCART 408581.268056107 3758978.88071982 0.00 1.50
** receptor =B87+1 property boundary receptor: =C87+1
DISCCART 408580.954714024 3758953.87580949 0.00 1.50
** receptor =B88+1 property boundary receptor: =C88+1
DISCCART 408580.64137194 3758928.88089714 0.00 1.50
** receptor =B89+1 property boundary receptor: =C89+1
DISCCART 408580.328029857 3758903.88598478 0.00 1.50
** receptor =B90+1 property boundary receptor: =C90+1
DISCCART 408580.014687774 3758878.88107445 0.00 1.50
** receptor =B91+1 property boundary receptor: =C91+1
DISCCART 408579.701345691 3758853.8861621 0.00 1.50
** receptor =B92+1 property boundary receptor: =C92+1
DISCCART 408579.388003607 3758828.89124974 0.00 1.50
** receptor =B93+1 property boundary receptor: =C93+1
DISCCART 408579.074661524 3758803.88633942 0.00 1.50
** receptor =B94+1 property boundary receptor: =C94+1
DISCCART 408578.761319441 3758778.89142706 0.00 1.50
** receptor =B95+1 property boundary receptor: =C95+1
DISCCART 408578.447977358 3758753.8965147 0.00 1.50
** receptor =B96+1 property boundary receptor: =C96+1
DISCCART 408578.134635274 3758728.89160438 0.00 1.50
** receptor =B97+1 property boundary receptor: =C97+1
DISCCART 408567.835575749 3758707.58594108 0.00 1.50
** receptor =B98+1 property boundary receptor: =C98+1
DISCCART 408550.700711301 3758689.38964489 0.00 1.50
** receptor =B99+1 property boundary receptor: =C99+1
DISCCART 408533.565846854 3758671.18335073 0.00 1.50
** receptor =B100+1 property boundary receptor: =C100+1
DISCCART 408513.767574699 3758658.37595763 0.00 1.50
** receptor =B101+1 property boundary receptor: =C101+1
DISCCART 408488.774420638 3758658.81586809 0.00 1.50
** receptor =B102+1 property boundary receptor: =C102+1
DISCCART 408463.773020732 3758659.26577651 0.00 1.50
** receptor =B103+1 property boundary receptor: =C103+1
DISCCART 408438.779866671 3758659.70568697 0.00 1.50
** receptor =B104+1 property boundary receptor: =C104+1
DISCCART 408413.78671261 3758660.15559539 0.00 1.50
** receptor =B105+1 property boundary receptor: =C105+1
DISCCART 408388.785312704 3758660.59550585 0.00 1.50
** receptor =B106+1 property boundary receptor: =C106+1
DISCCART 408363.792158643 3758661.04541427 0.00 1.50
** receptor =B107+1 property boundary receptor: =C107+1
DISCCART 408338.799004582 3758661.48532473 0.00 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B108+1 property boundary receptor: =C108+1
DISCCART 408313.797604676 3758661.93523315 0.00 1.50

** receptor =B109+1 property boundary receptor: =C109+1
DISCCART 408288.804450615 3758662.37514361 0.00 1.50

** receptor =B110+1 property boundary receptor: =C110+1
DISCCART 408263.811296553 3758662.81505407 0.00 1.50

** receptor =B111+1 property boundary receptor: =C111+1
DISCCART 408238.809896648 3758663.26496249 0.00 1.50

** receptor =B112+1 property boundary receptor: =C112+1
DISCCART 408213.816742586 3758663.70487295 0.00 1.50

** receptor =B113+1 property boundary receptor: =C113+1
DISCCART 408188.823588525 3758664.15478137 0.00 1.50

** receptor =B114+1 property boundary receptor: =C114+1
DISCCART 408163.822188619 3758664.59469183 0.00 1.50

** receptor =B115+1 property boundary receptor: =C115+1
DISCCART 408138.829034558 3758665.04460025 0.00 1.50

** receptor =B116+1 property boundary receptor: =C116+1
DISCCART 408113.835880497 3758665.48451071 0.00 1.50

** receptor =B117+1 property boundary receptor: =C117+1
DISCCART 408088.834480591 3758665.93441913 0.00 1.50

** receptor =B118+1 property boundary receptor: =C118+1
DISCCART 408063.84132653 3758666.37432959 0.00 1.50

** receptor =B119+1 property boundary receptor: =C119+1
DISCCART 408038.839926624 3758666.82423801 0.00 1.50

** receptor =B120+1 property boundary receptor: =C120+1
DISCCART 408013.846772563 3758667.26414847 0.00 1.50

** receptor =B121+1 property boundary receptor: =C121+1
DISCCART 407988.853618501 3758667.71405689 0.00 1.50

** receptor =B122+1 property boundary receptor: =C122+1
DISCCART 407963.852218596 3758668.15396735 0.00 1.50

** receptor =B123+1 property boundary receptor: =C123+1
DISCCART 407938.859064535 3758668.59387781 0.00 1.50

** receptor =B124+1 property boundary receptor: =C124+1
DISCCART 407913.865910473 3758669.04378623 0.00 1.50

** receptor =B125+1 property boundary receptor: =C125+1
DISCCART 407888.864510568 3758669.48369669 0.00 1.50

** receptor =B126+1 property boundary receptor: =C126+1
DISCCART 407863.871356506 3758669.93360511 0.00 1.50

** receptor =B127+1 property boundary receptor: =C127+1
DISCCART 407838.878202445 3758670.37351557 0.00 1.50

** receptor =B128+1 property boundary receptor: =C128+1
DISCCART 407813.876802539 3758670.82342399 0.00 1.50

** receptor =B129+1 property boundary receptor: =C129+1
DISCCART 407788.883648478 3758671.26333445 0.00 1.50

** receptor =B130+1 property boundary receptor: =C130+1
DISCCART 407763.890494417 3758671.71324287 0.00 1.50

** receptor =B131+1 property boundary receptor: =C131+1
DISCCART 407738.889094511 3758672.15315333 0.00 1.50

** receptor =B132+1 property boundary receptor: =C132+1
DISCCART 407713.89594045 3758672.60306175 0.00 1.50

** receptor =B133+1 property boundary receptor: =C133+1

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NOx Peak Hour Emissions Unmitigated

DISCCART 407688.902786388 3758673.04297221 0.00 1.50
** receptor =B134+1 property boundary receptor: =C134+1
DISCCART 407663.901386483 3758673.49288063 0.00 1.50
** receptor =B135+1 property boundary receptor: =C135+1
DISCCART 407638.908232421 3758673.93279109 0.00 1.50
** receptor =B136+1 property boundary receptor: =C136+1
DISCCART 407613.91507836 3758674.37270154 0.00 1.50
** receptor =B137+1 property boundary receptor: =C137+1
DISCCART 407588.913678454 3758674.82260997 0.00 1.50
** receptor =B138+1 property boundary receptor: =C138+1
DISCCART 407563.920524393 3758675.26252042 0.00 1.50
** receptor =B139+1 property boundary receptor: =C139+1
DISCCART 407538.919124488 3758675.71242885 0.00 1.50
** receptor =B140+1 property boundary receptor: =C140+1
DISCCART 407513.925970426 3758676.1523393 487.00 1.50
** receptor =B141+1 property boundary receptor: =C141+1
DISCCART 407488.916324676 3758676.67223348 504.80 1.50
** receptor =B142+1 property boundary receptor: =C142+1
DISCCART 407463.956153992 3758678.00196282 508.50 1.50
** receptor =B143+1 property boundary receptor: =C143+1
DISCCART 407438.987737464 3758679.33169215 508.00 1.50
** receptor =B144+1 property boundary receptor: =C144+1
DISCCART 407414.02756678 3758680.66142149 499.00 1.50
** receptor =B145+1 property boundary receptor: =C145+1
DISCCART 407389.059150251 3758681.99115083 491.80 1.50
** receptor =B146+1 property boundary receptor: =C146+1
DISCCART 407364.090733723 3758683.32088017 483.60 1.50
** receptor =B147+1 property boundary receptor: =C147+1
DISCCART 407339.130563039 3758684.6506095 473.10 1.50
** receptor =B148+1 property boundary receptor: =C148+1
DISCCART 407314.16214651 3758685.98033884 464.30 1.50
** receptor =B149+1 property boundary receptor: =C149+1
DISCCART 407289.201975826 3758687.31006818 459.00 1.50
** receptor =B150+1 property boundary receptor: =C150+1
DISCCART 407264.233559298 3758688.63979752 450.60 1.50
** receptor =B151+1 property boundary receptor: =C151+1
DISCCART 407239.273388613 3758689.96952686 445.20 1.50
** receptor =B152+1 property boundary receptor: =C152+1
DISCCART 407214.304972085 3758691.29925619 439.20 1.50
** receptor =B153+1 property boundary receptor: =C153+1
DISCCART 407189.344801401 3758692.62898553 421.30 1.50
** receptor =B154+1 property boundary receptor: =C154+1
DISCCART 407164.376384872 3758693.95871487 400.40 1.50
** receptor =B155+1 property boundary receptor: =C155+1
DISCCART 407139.416214188 3758695.27844624 382.00 1.50
** receptor =B156+1 property boundary receptor: =C156+1
DISCCART 407114.44779766 3758696.60817558 377.20 1.50
** receptor =B157+1 property boundary receptor: =C157+1
DISCCART 407089.487626976 3758697.93790491 384.00 1.50
** receptor =B158+1 property boundary receptor: =C158+1
DISCCART 407065.681874493 3758703.39679377 394.00 1.50

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NOx Peak Hour Emissions Unmitigated

** receptor =B159+1 property boundary receptor: =C159+1
DISCCART 407045.124984663 3758717.63389585 400.10 1.50

** receptor =B160+1 property boundary receptor: =C160+1
DISCCART 407024.576340677 3758731.87099793 403.40 1.50

** receptor =B161+1 property boundary receptor: =C161+1
DISCCART 407004.019450847 3758746.09810204 406.20 1.50

** receptor =B162+1 property boundary receptor: =C162+1
DISCCART 406983.470806861 3758760.33520412 410.90 1.50

** receptor =B163+1 property boundary receptor: =C163+1
DISCCART 406962.922162876 3758774.5723062 415.50 1.50

** receptor =B164+1 property boundary receptor: =C164+1
DISCCART 406942.365273046 3758788.80940828 416.90 1.50

** receptor =B165+1 property boundary receptor: =C165+1
DISCCART 406921.81662906 3758803.0365124 418.60 1.50

** receptor =B166+1 property boundary receptor: =C166+1
DISCCART 406901.25973923 3758817.27361448 417.10 1.50

** receptor =B167+1 property boundary receptor: =C167+1
DISCCART 406883.918728675 3758804.44622545 408.20 1.50

** receptor =B168+1 property boundary receptor: =C168+1
DISCCART 406866.511751366 3758786.49987838 407.40 1.50

** receptor =B169+1 property boundary receptor: =C169+1
DISCCART 406849.055298991 3758768.49354352 409.10 1.50

** receptor =B170+1 property boundary receptor: =C170+1
DISCCART 406828.828242933 3758753.80653302 404.10 1.50

** receptor =B171+1 property boundary receptor: =C171+1
DISCCART 406808.601186875 3758739.11952251 401.40 1.50

** receptor =B172+1 property boundary receptor: =C172+1
DISCCART 406788.374130817 3758724.42251405 393.80 1.50

** receptor =B173+1 property boundary receptor: =C173+1
DISCCART 406768.138828914 3758709.73550355 388.10 1.50

** receptor =B174+1 property boundary receptor: =C174+1
DISCCART 406747.911772856 3758695.04849305 383.30 1.50

** receptor =B175+1 property boundary receptor: =C175+1
DISCCART 406730.010044889 3758678.56184885 380.60 1.50

** receptor =B176+1 property boundary receptor: =C176+1
DISCCART 406717.971112217 3758656.65630766 379.90 1.50

** receptor =B177+1 property boundary receptor: =C177+1
DISCCART 406705.932179545 3758634.74076851 377.20 1.50

** receptor =B178+1 property boundary receptor: =C178+1
DISCCART 406693.885001028 3758612.83522732 370.10 1.50

** receptor =B179+1 property boundary receptor: =C179+1
DISCCART 406681.846068356 3758590.92968613 364.80 1.50

** receptor =B180+1 property boundary receptor: =C180+1
DISCCART 406667.506545125 3758575.57281197 360.80 1.50

** receptor =B181+1 property boundary receptor: =C181+1
DISCCART 406646.562100613 3758589.22003412 360.80 1.50

** receptor =B182+1 property boundary receptor: =C182+1
DISCCART 406625.617656101 3758602.87725423 364.10 1.50

** receptor =B183+1 property boundary receptor: =C183+1
DISCCART 406625.493968437 3758621.57344868 365.50 1.50

** receptor =B184+1 property boundary receptor: =C184+1

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NOx Peak Hour Emissions Unmitigated

DISCCART 406639.083119837 3758642.55917709 365.90 1.50
** receptor =B185+1 property boundary receptor: =C185+1
DISCCART 406652.672271237 3758663.54490551 370.00 1.50
** receptor =B186+1 property boundary receptor: =C186+1
DISCCART 406666.261422637 3758684.53063393 373.30 1.50
** receptor =B187+1 property boundary receptor: =C187+1
DISCCART 406679.850574036 3758705.51636234 379.60 1.50
** receptor =B188+1 property boundary receptor: =C188+1
DISCCART 406693.439725436 3758726.50209076 382.10 1.50
** receptor =B189+1 property boundary receptor: =C189+1
DISCCART 406707.028876836 3758747.47782121 383.70 1.50
** receptor =B190+1 property boundary receptor: =C190+1
DISCCART 406720.799436811 3758767.88366766 383.80 1.50
** receptor =B191+1 property boundary receptor: =C191+1
DISCCART 406700.250792825 3758782.11077177 390.20 1.50
** receptor =B192+1 property boundary receptor: =C192+1
DISCCART 406681.672905626 3758797.34767034 393.50 1.50
** receptor =B193+1 property boundary receptor: =C193+1
DISCCART 406695.591890798 3758818.11344353 393.70 1.50
** receptor =B194+1 property boundary receptor: =C194+1
DISCCART 406709.510875969 3758838.87921672 397.30 1.50
** receptor =B195+1 property boundary receptor: =C195+1
DISCCART 406723.429861141 3758859.6449899 399.20 1.50
** receptor =B196+1 property boundary receptor: =C196+1
DISCCART 406737.340600469 3758880.41076309 401.00 1.50
** receptor =B197+1 property boundary receptor: =C197+1
DISCCART 406756.833776384 3758895.6076698 402.70 1.50
** receptor =B198+1 property boundary receptor: =C198+1
DISCCART 406778.272971554 3758908.46505272 407.20 1.50
** receptor =B199+1 property boundary receptor: =C199+1
DISCCART 406799.712166724 3758921.32243564 414.50 1.50
** receptor =B200+1 property boundary receptor: =C200+1
DISCCART 406821.151361894 3758934.17981856 416.40 1.50
** receptor =B201+1 property boundary receptor: =C201+1
DISCCART 406830.97216245 3758956.33530887 419.00 1.50
** receptor =B202+1 property boundary receptor: =C202+1
DISCCART 406839.745740781 3758979.75054277 420.50 1.50
** receptor =B203+1 property boundary receptor: =C203+1
DISCCART 406848.519319112 3759003.1557787 430.30 1.50
** receptor =B204+1 property boundary receptor: =C204+1
DISCCART 406844.091300725 3759021.77198942 440.10 1.50
** receptor =B205+1 property boundary receptor: =C205+1
DISCCART 406823.361248165 3759035.73914645 457.90 1.50
** receptor =B206+1 property boundary receptor: =C206+1
DISCCART 406802.62294976 3759049.70630347 460.60 1.50
** receptor =B207+1 property boundary receptor: =C207+1
DISCCART 406781.884651356 3759063.6734605 461.40 1.50
** receptor =B208+1 property boundary receptor: =C208+1
DISCCART 406761.154598795 3759077.63061956 462.50 1.50
** receptor =B209+1 property boundary receptor: =C209+1
DISCCART 406740.416300391 3759091.59777659 445.50 1.50

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NOx Peak Hour Emissions Unmitigated

** receptor =B210+1 property boundary receptor: =C210+1
DISCCART 406747.507726486 3759112.46352942 447.40 1.50

** receptor =B211+1 property boundary receptor: =C211+1
DISCCART 406760.231064234 3759133.97914998 450.90 1.50

** receptor =B212+1 property boundary receptor: =C212+1
DISCCART 406747.763347659 3759149.98589185 441.40 1.50

** receptor =B213+1 property boundary receptor: =C213+1
DISCCART 406732.228177005 3759166.43254418 436.20 1.50

** receptor =B214+1 property boundary receptor: =C214+1
DISCCART 406714.664528654 3759177.07037888 439.50 1.50

** receptor =B215+1 property boundary receptor: =C215+1
DISCCART 406693.579904789 3759190.50764377 445.20 1.50

** receptor =B216+1 property boundary receptor: =C216+1
DISCCART 406672.503526769 3759203.94490865 448.10 1.50

** receptor =B217+1 property boundary receptor: =C217+1
DISCCART 406651.418902904 3759217.37217557 452.50 1.50

** receptor =B218+1 property boundary receptor: =C218+1
DISCCART 406630.334279039 3759230.80944045 453.90 1.50

** receptor =B219+1 property boundary receptor: =C219+1
DISCCART 406609.249655174 3759244.24670534 454.70 1.50

** receptor =B220+1 property boundary receptor: =C220+1
DISCCART 406588.165031309 3759257.67397226 455.40 1.50

** receptor =B221+1 property boundary receptor: =C221+1
DISCCART 406567.080407444 3759271.11123714 453.50 1.50

** receptor =B222+1 property boundary receptor: =C222+1
DISCCART 406545.995783579 3759284.54850202 454.90 1.50

** receptor =B223+1 property boundary receptor: =C223+1
DISCCART 406524.911159714 3759297.97576894 456.00 1.50

** receptor =B224+1 property boundary receptor: =C224+1
DISCCART 406503.826535849 3759311.41303383 454.70 1.50

** receptor =B225+1 property boundary receptor: =C225+1
DISCCART 406482.750157828 3759324.85029871 455.30 1.50

** receptor =B226+1 property boundary receptor: =C226+1
DISCCART 406461.665533963 3759338.28756359 456.70 1.50

** receptor =B227+1 property boundary receptor: =C227+1
DISCCART 406440.580910098 3759351.71483051 457.40 1.50

** receptor =B228+1 property boundary receptor: =C228+1
DISCCART 406419.496286233 3759365.15209539 459.20 1.50

** receptor =B229+1 property boundary receptor: =C229+1
DISCCART 406398.411662368 3759378.58936028 466.20 1.50

** receptor =B230+1 property boundary receptor: =C230+1
DISCCART 406377.021942264 3759392.30656818 476.50 1.50

** receptor =B231+1 property boundary receptor: =C231+1
DISCCART 406375.644886267 3759417.26148868 478.20 1.50

** receptor =B232+1 property boundary receptor: =C232+1
DISCCART 406374.267830269 3759442.22640714 485.00 1.50

** receptor =B233+1 property boundary receptor: =C233+1
DISCCART 406372.890774272 3759467.1913256 487.80 1.50

** receptor =B234+1 property boundary receptor: =C234+1
DISCCART 406351.525791701 3759469.48085958 504.40 1.50

** receptor =B235+1 property boundary receptor: =C235+1

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NOx Peak Hour Emissions Unmitigated

DISCCART 406326.540883484 3759468.72101424 513.00 1.50
** receptor =B236+1 property boundary receptor: =C236+1
DISCCART 406301.547729422 3759467.96116891 518.20 1.50
** receptor =B237+1 property boundary receptor: =C237+1
DISCCART 406276.562821205 3759467.20132357 513.80 1.50
** receptor =B238+1 property boundary receptor: =C238+1
DISCCART 406251.569667144 3759466.4514762 508.90 1.50
** receptor =B239+1 property boundary receptor: =C239+1
DISCCART 406226.584758927 3759465.69163086 506.90 1.50
** receptor =B240+1 property boundary receptor: =C240+1
DISCCART 406201.591604866 3759464.93178553 499.20 1.50
** receptor =B241+1 property boundary receptor: =C241+1
DISCCART 406176.606696648 3759464.17194019 472.60 1.50
** receptor =B242+1 property boundary receptor: =C242+1
DISCCART 406171.354093832 3759484.43781513 453.00 1.50
** receptor =B243+1 property boundary receptor: =C243+1
DISCCART 406171.634452538 3759509.43272749 441.20 1.50
** receptor =B244+1 property boundary receptor: =C244+1
DISCCART 406171.9065654 3759534.43763781 445.70 1.50
** receptor =B245+1 property boundary receptor: =C245+1
DISCCART 406172.186924106 3759559.43255017 456.90 1.50
** receptor =B246+1 property boundary receptor: =C246+1
DISCCART 406172.459036968 3759584.42746253 473.00 1.50
** receptor =B247+1 property boundary receptor: =C247+1
DISCCART 406172.739395674 3759609.43237285 488.60 1.50
** receptor =B248+1 property boundary receptor: =C248+1
DISCCART 406173.01975438 3759634.42728521 502.60 1.50
** receptor =B249+1 property boundary receptor: =C249+1
DISCCART 406173.291867242 3759659.43219553 508.70 1.50
** receptor =B250+1 property boundary receptor: =C250+1
DISCCART 406173.572225948 3759684.42710789 530.50 1.50
** receptor =B251+1 property boundary receptor: =C251+1
DISCCART 406173.844338809 3759709.42202025 531.00 1.50
** receptor =B252+1 property boundary receptor: =C252+1
DISCCART 406174.124697515 3759734.42693057 523.50 1.50
** receptor =B253+1 property boundary receptor: =C253+1
DISCCART 406174.396810377 3759759.42184293 541.40 1.50
** receptor =B254+1 property boundary receptor: =C254+1
DISCCART 406174.677169083 3759784.41675529 537.90 1.50
** receptor =B255+1 property boundary receptor: =C255+1
DISCCART 406174.957527789 3759809.42166561 527.00 1.50
** receptor =B256+1 property boundary receptor: =C256+1
DISCCART 406175.229640651 3759834.41657797 529.00 1.50
** receptor =B257+1 property boundary receptor: =C257+1
DISCCART 406175.509999357 3759859.41149032 518.70 1.50
** receptor =B258+1 property boundary receptor: =C258+1
DISCCART 406152.330931041 3759859.62144759 499.60 1.50
** receptor =B259+1 property boundary receptor: =C259+1
DISCCART 406127.346022824 3759858.88159818 492.00 1.50
** receptor =B260+1 property boundary receptor: =C260+1
DISCCART 406102.352868763 3759858.14174878 497.80 1.50

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NOx Peak Hour Emissions Unmitigated

** receptor =B261+1 property boundary receptor: =C261+1
DISCCART 406077.367960546 3759857.39190141 548.20 1.50

** receptor =B262+1 property boundary receptor: =C262+1
DISCCART 406052.374806484 3759856.652052 603.20 1.50

** receptor =B263+1 property boundary receptor: =C263+1
DISCCART 406041.308883439 3759870.99913169 598.20 1.50

** receptor =B264+1 property boundary receptor: =C264+1
DISCCART 406041.572750456 3759895.99404405 595.60 1.50

** receptor =B265+1 property boundary receptor: =C265+1
DISCCART 406041.844863318 3759920.98895641 593.00 1.50

** receptor =B266+1 property boundary receptor: =C266+1
DISCCART 406042.108730336 3759945.99386673 652.50 1.50

** receptor =B267+1 property boundary receptor: =C267+1
DISCCART 406042.380843197 3759970.98877909 690.00 1.50

** receptor =B268+1 property boundary receptor: =C268+1
DISCCART 406067.349259726 3759972.61844738 677.10 1.50

** receptor =B269+1 property boundary receptor: =C269+1
DISCCART 406092.334167943 3759973.38829068 646.60 1.50

** receptor =B270+1 property boundary receptor: =C270+1
DISCCART 406117.327322004 3759974.15813398 595.70 1.50

** receptor =B271+1 property boundary receptor: =C271+1
DISCCART 406142.312230221 3759974.91797931 550.00 1.50

** receptor =B272+1 property boundary receptor: =C272+1
DISCCART 406167.305384283 3759975.68782261 501.80 1.50

** receptor =B273+1 property boundary receptor: =C273+1
DISCCART 406187.153131503 3759980.63681526 507.00 1.50

** receptor =B274+1 property boundary receptor: =C274+1
DISCCART 406187.425244365 3760005.64172558 508.40 1.50

** receptor =B275+1 property boundary receptor: =C275+1
DISCCART 406187.697357227 3760030.63663794 512.70 1.50

** receptor =B276+1 property boundary receptor: =C276+1
DISCCART 406187.969470088 3760055.64154826 522.30 1.50

** receptor =B277+1 property boundary receptor: =C277+1
DISCCART 406188.24158295 3760080.63646062 553.60 1.50

** receptor =B278+1 property boundary receptor: =C278+1
DISCCART 406188.505449968 3760105.63137298 605.90 1.50

** receptor =B279+1 property boundary receptor: =C279+1
DISCCART 406188.777562829 3760130.6362833 606.30 1.50

** receptor =B280+1 property boundary receptor: =C280+1
DISCCART 406189.049675691 3760155.63119566 582.80 1.50

** receptor =B281+1 property boundary receptor: =C281+1
DISCCART 406189.321788553 3760180.62610802 621.80 1.50

** receptor =B282+1 property boundary receptor: =C282+1
DISCCART 406189.593901415 3760205.63101834 668.30 1.50

** receptor =B283+1 property boundary receptor: =C283+1
DISCCART 406189.866014277 3760230.6259307 703.70 1.50

** receptor =B284+1 property boundary receptor: =C284+1
DISCCART 406190.129881294 3760255.62084306 712.50 1.50

** receptor =B285+1 property boundary receptor: =C285+1
DISCCART 406198.210808704 3760273.80714129 709.80 1.50

** receptor =B286+1 property boundary receptor: =C286+1

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NOx Peak Hour Emissions Unmitigated

DISCCART 406223.203962765 3760274.55698866 728.30 1.50
** receptor =B287+1 property boundary receptor: =C287+1
DISCCART 406248.188870983 3760275.29683806 727.10 1.50
** receptor =B288+1 property boundary receptor: =C288+1
DISCCART 406270.568092402 3760282.11545016 720.90 1.50
** receptor =B289+1 property boundary receptor: =C289+1
DISCCART 406289.73968039 3760298.15218592 719.10 1.50
** receptor =B290+1 property boundary receptor: =C290+1
DISCCART 406308.911268379 3760314.19891966 751.70 1.50
** receptor =B291+1 property boundary receptor: =C291+1
DISCCART 406328.082856367 3760330.24565339 769.70 1.50
** receptor =B292+1 property boundary receptor: =C292+1
DISCCART 406347.2626902 3760346.28238916 786.20 1.50
** receptor =B293+1 property boundary receptor: =C293+1
DISCCART 406366.434278188 3760362.32912289 784.80 1.50
** receptor =B294+1 property boundary receptor: =C294+1
DISCCART 406385.605866176 3760378.37585663 759.90 1.50
** receptor =B295+1 property boundary receptor: =C295+1
DISCCART 406404.777454164 3760394.42259036 763.00 1.50
** receptor =B296+1 property boundary receptor: =C296+1
DISCCART 406423.949042153 3760410.45932613 759.20 1.50
** receptor =B297+1 property boundary receptor: =C297+1
DISCCART 406438.560678245 3760430.58522956 791.50 1.50
** receptor =B298+1 property boundary receptor: =C298+1
DISCCART 406453.114593428 3760450.91109229 824.10 1.50
** receptor =B299+1 property boundary receptor: =C299+1
DISCCART 406464.510350245 3760468.4475228 845.30 1.50
** receptor =B300+1 property boundary receptor: =C300+1
DISCCART 406439.665621381 3760465.62809669 847.40 1.50
** receptor =B301+1 property boundary receptor: =C301+1
DISCCART 406414.829138361 3760462.81866854 851.20 1.50
** receptor =B302+1 property boundary receptor: =C302+1
DISCCART 406390.322489114 3760458.31958431 852.80 1.50
** receptor =B303+1 property boundary receptor: =C303+1
DISCCART 406365.972510907 3760452.67073412 847.20 1.50
** receptor =B304+1 property boundary receptor: =C304+1
DISCCART 406354.469558114 3760461.64890664 846.20 1.50
** receptor =B305+1 property boundary receptor: =C305+1
DISCCART 406362.261880974 3760484.3042952 797.40 1.50
** receptor =B306+1 property boundary receptor: =C306+1
DISCCART 406383.824763808 3760496.95172085 792.40 1.50
** receptor =B307+1 property boundary receptor: =C307+1
DISCCART 406405.214483912 3760509.6291404 793.10 1.50
** receptor =B308+1 property boundary receptor: =C308+1
DISCCART 406422.63795291 3760527.56548951 780.80 1.50
** receptor =B309+1 property boundary receptor: =C309+1
DISCCART 406440.053176063 3760545.50183862 786.30 1.50
** receptor =B310+1 property boundary receptor: =C310+1
DISCCART 406459.637056266 3760554.25005794 832.90 1.50
** receptor =B311+1 property boundary receptor: =C311+1
DISCCART 406482.214177949 3760543.50224563 862.30 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B312+1 property boundary receptor: =C312+1
DISCCART 406504.783053787 3760532.75443332 891.50 1.50

** receptor =B313+1 property boundary receptor: =C313+1
DISCCART 406527.351929625 3760522.006621 907.40 1.50

** receptor =B314+1 property boundary receptor: =C314+1
DISCCART 406549.920805464 3760511.24881072 919.80 1.50

** receptor =B315+1 property boundary receptor: =C315+1
DISCCART 406572.497927146 3760500.50099841 936.10 1.50

** receptor =B316+1 property boundary receptor: =C316+1
DISCCART 406596.617021712 3760494.71217671 948.10 1.50

** receptor =B317+1 property boundary receptor: =C317+1
DISCCART 406621.107179271 3760489.7231922 949.10 1.50

** receptor =B318+1 property boundary receptor: =C318+1
DISCCART 406645.011881886 3760486.75379661 977.60 1.50

** receptor =B319+1 property boundary receptor: =C319+1
DISCCART 406667.09425291 3760498.49140746 983.80 1.50

** receptor =B320+1 property boundary receptor: =C320+1
DISCCART 406684.064200472 3760513.01845052 969.70 1.50

** receptor =B321+1 property boundary receptor: =C321+1
DISCCART 406685.72986102 3760537.96337305 951.70 1.50

** receptor =B322+1 property boundary receptor: =C322+1
DISCCART 406687.395521567 3760562.90829558 941.20 1.50

** receptor =B323+1 property boundary receptor: =C323+1
DISCCART 406689.061182115 3760587.85321812 928.10 1.50

** receptor =B324+1 property boundary receptor: =C324+1
DISCCART 406690.726842663 3760612.79814065 906.30 1.50

** receptor =B325+1 property boundary receptor: =C325+1
DISCCART 406692.392503211 3760637.74306318 901.10 1.50

** receptor =B326+1 property boundary receptor: =C326+1
DISCCART 406694.058163759 3760662.68798572 914.40 1.50

** receptor =B327+1 property boundary receptor: =C327+1
DISCCART 406695.723824306 3760687.63290825 926.90 1.50

** receptor =B328+1 property boundary receptor: =C328+1
DISCCART 406694.016934537 3760710.82818692 929.80 1.50

** receptor =B329+1 property boundary receptor: =C329+1
DISCCART 406675.661685134 3760727.79473343 928.30 1.50

** receptor =B330+1 property boundary receptor: =C330+1
DISCCART 406657.306435731 3760744.7712779 929.00 1.50

** receptor =B331+1 property boundary receptor: =C331+1
DISCCART 406638.942940484 3760761.74782237 917.90 1.50

** receptor =B332+1 property boundary receptor: =C332+1
DISCCART 406620.587691081 3760778.71436888 909.20 1.50

** receptor =B333+1 property boundary receptor: =C333+1
DISCCART 406600.105013849 3760790.50196955 910.30 1.50

** receptor =B334+1 property boundary receptor: =C334+1
DISCCART 406575.309760051 3760793.6813224 913.60 1.50

** receptor =B335+1 property boundary receptor: =C335+1
DISCCART 406550.514506253 3760796.86067525 911.30 1.50

** receptor =B336+1 property boundary receptor: =C336+1
DISCCART 406525.719252455 3760800.04002811 910.10 1.50

** receptor =B337+1 property boundary receptor: =C337+1

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406500.915752812 3760803.20938299 907.50 1.50
** receptor =B338+1 property boundary receptor: =C338+1
DISCCART 406478.025289046 3760812.0775779 899.10 1.50
** receptor =B339+1 property boundary receptor: =C339+1
DISCCART 406457.196286355 3760825.90476341 893.60 1.50
** receptor =B340+1 property boundary receptor: =C340+1
DISCCART 406436.367283663 3760839.72195097 890.60 1.50
** receptor =B341+1 property boundary receptor: =C341+1
DISCCART 406415.538280971 3760853.54913648 882.30 1.50
** receptor =B342+1 property boundary receptor: =C342+1
DISCCART 406392.268508367 3760856.24858702 870.50 1.50
** receptor =B343+1 property boundary receptor: =C343+1
DISCCART 406367.399041971 3760853.71910189 870.50 1.50
** receptor =B344+1 property boundary receptor: =C344+1
DISCCART 406342.521329729 3760851.17961879 866.50 1.50
** receptor =B345+1 property boundary receptor: =C345+1
DISCCART 406317.651863332 3760848.65013366 865.10 1.50
** receptor =B346+1 property boundary receptor: =C346+1
DISCCART 406292.782396936 3760846.11065056 864.20 1.50
** receptor =B347+1 property boundary receptor: =C347+1
DISCCART 406267.912930539 3760843.58116543 872.50 1.50
** receptor =B348+1 property boundary receptor: =C348+1
DISCCART 406244.090686367 3760836.56259404 883.10 1.50
** receptor =B349+1 property boundary receptor: =C349+1
DISCCART 406220.33440895 3760828.76418139 884.50 1.50
** receptor =B350+1 property boundary receptor: =C350+1
DISCCART 406196.586377378 3760820.96576873 881.50 1.50
** receptor =B351+1 property boundary receptor: =C351+1
DISCCART 406172.830099961 3760813.15735811 870.50 1.50
** receptor =B352+1 property boundary receptor: =C352+1
DISCCART 406149.082068388 3760805.35894546 867.20 1.50
** receptor =B353+1 property boundary receptor: =C353+1
DISCCART 406125.334036816 3760797.5605328 863.20 1.50
** receptor =B354+1 property boundary receptor: =C354+1
DISCCART 406105.593485571 3760782.55358742 862.70 1.50
** receptor =B355+1 property boundary receptor: =C355+1
DISCCART 406085.877671859 3760767.17671734 840.90 1.50
** receptor =B356+1 property boundary receptor: =C356+1
DISCCART 406083.428656103 3760744.02143053 840.90 1.50
** receptor =B357+1 property boundary receptor: =C357+1
DISCCART 406083.931652605 3760719.02651817 838.00 1.50
** receptor =B358+1 property boundary receptor: =C358+1
DISCCART 406084.442894952 3760694.03160581 824.10 1.50
** receptor =B359+1 property boundary receptor: =C359+1
DISCCART 406073.797509965 3760679.39458514 814.50 1.50
** receptor =B360+1 property boundary receptor: =C360+1
DISCCART 406048.812601748 3760680.15443047 809.20 1.50
** receptor =B361+1 property boundary receptor: =C361+1
DISCCART 406023.827693531 3760680.90427784 763.80 1.50
** receptor =B362+1 property boundary receptor: =C362+1
DISCCART 405998.83453947 3760681.65412521 703.40 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B363+1 property boundary receptor: =C363+1
DISCCART 405973.849631253 3760682.40397258 653.30 1.50

** receptor =B364+1 property boundary receptor: =C364+1
DISCCART 405948.856477192 3760683.16381792 647.20 1.50

** receptor =B365+1 property boundary receptor: =C365+1
DISCCART 405923.871568975 3760683.91366529 645.10 1.50

** receptor =B366+1 property boundary receptor: =C366+1
DISCCART 405898.878414913 3760684.66351266 605.30 1.50

** receptor =B367+1 property boundary receptor: =C367+1
DISCCART 405873.893506696 3760685.41336003 562.00 1.50

** receptor =B368+1 property boundary receptor: =C368+1
DISCCART 405848.900352635 3760686.1632074 537.10 1.50

** receptor =B369+1 property boundary receptor: =C369+1
DISCCART 405823.915444418 3760686.92305274 526.20 1.50

** receptor =B370+1 property boundary receptor: =C370+1
DISCCART 405798.922290357 3760687.67290011 521.50 1.50

** receptor =B371+1 property boundary receptor: =C371+1
DISCCART 405774.473362019 3760683.82368361 524.60 1.50

** receptor =B372+1 property boundary receptor: =C372+1
DISCCART 405749.554420556 3760682.28399701 542.50 1.50

** receptor =B373+1 property boundary receptor: =C373+1
DISCCART 405724.55302065 3760682.50395223 549.20 1.50

** receptor =B374+1 property boundary receptor: =C374+1
DISCCART 405699.559866589 3760682.73390543 534.70 1.50

** receptor =B375+1 property boundary receptor: =C375+1
DISCCART 405674.558466684 3760682.96385862 544.60 1.50

** receptor =B376+1 property boundary receptor: =C376+1
DISCCART 405649.557066778 3760683.19381182 556.20 1.50

** receptor =B377+1 property boundary receptor: =C377+1
DISCCART 405632.100614403 3760691.55211051 570.10 1.50

** receptor =B378+1 property boundary receptor: =C378+1
DISCCART 405632.809757013 3760716.54702287 587.70 1.50

** receptor =B379+1 property boundary receptor: =C379+1
DISCCART 405633.518899622 3760741.53193726 599.40 1.50

** receptor =B380+1 property boundary receptor: =C380+1
DISCCART 405634.219796387 3760766.52684962 603.30 1.50

** receptor =B381+1 property boundary receptor: =C381+1
DISCCART 405634.928938997 3760791.51176401 603.50 1.50

** receptor =B382+1 property boundary receptor: =C382+1
DISCCART 405635.638081606 3760816.50667637 604.70 1.50

** receptor =B383+1 property boundary receptor: =C383+1
DISCCART 405636.338978371 3760841.49159076 614.60 1.50

** receptor =B384+1 property boundary receptor: =C384+1
DISCCART 405637.048120981 3760866.48650312 632.00 1.50

** receptor =B385+1 property boundary receptor: =C385+1
DISCCART 405637.75726359 3760891.47141751 654.90 1.50

** receptor =B386+1 property boundary receptor: =C386+1
DISCCART 405638.458160355 3760916.46632987 658.40 1.50

** receptor =B387+1 property boundary receptor: =C387+1
DISCCART 405639.167302965 3760941.45124426 655.80 1.50

** receptor =B388+1 property boundary receptor: =C388+1

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 405639.876445574 3760966.44615662 659.10 1.50
** receptor =B389+1 property boundary receptor: =C389+1
DISCCART 405644.081826165 3760990.87118498 670.50 1.50
** receptor =B390+1 property boundary receptor: =C390+1
DISCCART 405653.317171777 3761014.1064555 681.40 1.50
** receptor =B391+1 property boundary receptor: =C391+1
DISCCART 405653.762447369 3761038.93140246 695.60 1.50
** receptor =B392+1 property boundary receptor: =C392+1
DISCCART 405654.150002051 3761063.92631482 706.90 1.50
** receptor =B393+1 property boundary receptor: =C393+1
DISCCART 405654.537556733 3761088.92122717 718.70 1.50
** receptor =B394+1 property boundary receptor: =C394+1
DISCCART 405672.802101848 3761096.21974158 721.60 1.50
** receptor =B395+1 property boundary receptor: =C395+1
DISCCART 405697.79525591 3761095.61986368 723.70 1.50
** receptor =B396+1 property boundary receptor: =C396+1
DISCCART 405722.788409971 3761095.01998579 721.30 1.50
** receptor =B397+1 property boundary receptor: =C397+1
DISCCART 405747.781564032 3761094.42010789 720.30 1.50
** receptor =B398+1 property boundary receptor: =C398+1
DISCCART 405772.766472249 3761093.82023 722.60 1.50
** receptor =B399+1 property boundary receptor: =C399+1
DISCCART 405797.759626311 3761093.2203521 726.10 1.50
** receptor =B400+1 property boundary receptor: =C400+1
DISCCART 405822.752780372 3761092.6204742 711.70 1.50
** receptor =B401+1 property boundary receptor: =C401+1
DISCCART 405847.745934433 3761092.02059631 659.40 1.50
** receptor =B402+1 property boundary receptor: =C402+1
DISCCART 405872.739088495 3761091.42071841 677.30 1.50
** receptor =B403+1 property boundary receptor: =C403+1
DISCCART 405897.732242556 3761090.82084051 700.10 1.50
** receptor =B404+1 property boundary receptor: =C404+1
DISCCART 405922.725396617 3761090.22096262 713.40 1.50
** receptor =B405+1 property boundary receptor: =C405+1
DISCCART 405947.718550679 3761089.62108472 723.90 1.50
** receptor =B406+1 property boundary receptor: =C406+1
DISCCART 405972.71170474 3761089.02120682 715.50 1.50
** receptor =B407+1 property boundary receptor: =C407+1
DISCCART 405997.704858801 3761088.41133096 696.70 1.50
** receptor =B408+1 property boundary receptor: =C408+1
DISCCART 406022.698012863 3761087.81145306 682.90 1.50
** receptor =B409+1 property boundary receptor: =C409+1
DISCCART 406047.691166924 3761087.21157517 744.00 1.50
** receptor =B410+1 property boundary receptor: =C410+1
DISCCART 406072.684320985 3761086.61169727 811.20 1.50
** receptor =B411+1 property boundary receptor: =C411+1
DISCCART 406097.677475047 3761086.01181937 811.30 1.50
** receptor =B412+1 property boundary receptor: =C412+1
DISCCART 406122.670629108 3761085.41194148 766.50 1.50
** receptor =B413+1 property boundary receptor: =C413+1
DISCCART 406147.663783169 3761084.81206358 718.20 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B414+1 property boundary receptor: =C414+1
DISCCART 406172.656937231 3761084.21218569 736.20 1.50

** receptor =B415+1 property boundary receptor: =C415+1
DISCCART 406197.650091292 3761083.61230779 747.10 1.50

** receptor =B416+1 property boundary receptor: =C416+1
DISCCART 406222.643245353 3761083.01242989 735.90 1.50

** receptor =B417+1 property boundary receptor: =C417+1
DISCCART 406247.636399415 3761082.412552 692.90 1.50

** receptor =B418+1 property boundary receptor: =C418+1
DISCCART 406272.629553476 3761081.8126741 695.00 1.50

** receptor =B419+1 property boundary receptor: =C419+1
DISCCART 406297.622707537 3761081.2127962 717.30 1.50

** receptor =B420+1 property boundary receptor: =C420+1
DISCCART 406322.607615754 3761080.61291831 750.80 1.50

** receptor =B421+1 property boundary receptor: =C421+1
DISCCART 406347.600769816 3761080.01304041 702.40 1.50

** receptor =B422+1 property boundary receptor: =C422+1
DISCCART 406372.593923877 3761079.41316251 706.20 1.50

** receptor =B423+1 property boundary receptor: =C423+1
DISCCART 406397.587077938 3761078.81328462 717.80 1.50

** receptor =B424+1 property boundary receptor: =C424+1
DISCCART 406422.580232 3761078.20340875 743.10 1.50

** receptor =B425+1 property boundary receptor: =C425+1
DISCCART 406447.573386061 3761077.60353086 744.20 1.50

** receptor =B426+1 property boundary receptor: =C426+1
DISCCART 406472.566540122 3761077.00365296 689.30 1.50

** receptor =B427+1 property boundary receptor: =C427+1
DISCCART 406497.559694184 3761076.40377506 682.70 1.50

** receptor =B428+1 property boundary receptor: =C428+1
DISCCART 406522.552848245 3761075.80389717 733.00 1.50

** receptor =B429+1 property boundary receptor: =C429+1
DISCCART 406547.546002306 3761075.20401927 766.50 1.50

** receptor =B430+1 property boundary receptor: =C430+1
DISCCART 406572.539156368 3761074.60414137 774.40 1.50

** receptor =B431+1 property boundary receptor: =C431+1
DISCCART 406597.532310429 3761074.00426348 764.30 1.50

** receptor =B432+1 property boundary receptor: =C432+1
DISCCART 406622.52546449 3761073.40438558 788.10 1.50

** receptor =B433+1 property boundary receptor: =C433+1
DISCCART 406647.518618552 3761072.80450769 778.40 1.50

** receptor =B434+1 property boundary receptor: =C434+1
DISCCART 406672.511772613 3761072.20462979 755.40 1.50

** receptor =B435+1 property boundary receptor: =C435+1
DISCCART 406697.504926674 3761071.60475189 797.00 1.50

** receptor =B436+1 property boundary receptor: =C436+1
DISCCART 406722.498080736 3761071.00487399 811.80 1.50

** receptor =B437+1 property boundary receptor: =C437+1
DISCCART 406747.491234797 3761070.4049961 768.50 1.50

** receptor =B438+1 property boundary receptor: =C438+1
DISCCART 406772.484388858 3761069.8051182 740.50 1.50

** receptor =B439+1 property boundary receptor: =C439+1

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406797.47754292 3761069.20524031 786.40 1.50
** receptor =B440+1 property boundary receptor: =C440+1
DISCCART 406822.470696981 3761068.60536241 834.10 1.50
** receptor =B441+1 property boundary receptor: =C441+1
DISCCART 406847.463851042 3761068.00548451 852.90 1.50
** receptor =B442+1 property boundary receptor: =C442+1
DISCCART 406872.457005104 3761067.39560865 857.90 1.50
** receptor =B443+1 property boundary receptor: =C443+1
DISCCART 406897.441913321 3761066.79573075 846.20 1.50
** receptor =B444+1 property boundary receptor: =C444+1
DISCCART 406922.435067382 3761066.19585286 825.30 1.50
** receptor =B445+1 property boundary receptor: =C445+1
DISCCART 406947.428221443 3761065.59597496 792.50 1.50
** receptor =B446+1 property boundary receptor: =C446+1
DISCCART 406972.421375505 3761064.99609706 774.10 1.50
** receptor =B447+1 property boundary receptor: =C447+1
DISCCART 406997.414529566 3761064.39621917 781.90 1.50
** receptor =B448+1 property boundary receptor: =C448+1
DISCCART 407021.129577761 3761061.73676049 827.00 1.50
** receptor =B449+1 property boundary receptor: =C449+1
DISCCART 407020.313239176 3761036.7518461 788.80 1.50
** receptor =B450+1 property boundary receptor: =C450+1
DISCCART 407019.496900591 3761011.76693171 840.40 1.50
** receptor =B451+1 property boundary receptor: =C451+1
DISCCART 407018.672316161 3760986.78201732 894.40 1.50
** receptor =B452+1 property boundary receptor: =C452+1
DISCCART 407017.855977576 3760961.78710496 947.50 1.50
** receptor =B453+1 property boundary receptor: =C453+1
DISCCART 407017.039638991 3760936.80219056 989.40 1.50
** receptor =B454+1 property boundary receptor: =C454+1
DISCCART 407016.215054561 3760911.81727617 1033.70 1.50
** receptor =B455+1 property boundary receptor: =C455+1
DISCCART 407015.398715976 3760886.83236178 1047.60 1.50
** receptor =B456+1 property boundary receptor: =C456+1
DISCCART 407014.58237739 3760861.84744738 1031.60 1.50
** receptor =B457+1 property boundary receptor: =C457+1
DISCCART 407013.757792961 3760836.86253299 1013.10 1.50
** receptor =B458+1 property boundary receptor: =C458+1
DISCCART 407012.941454375 3760811.86762063 1004.00 1.50
** receptor =B459+1 property boundary receptor: =C459+1
DISCCART 407012.12511579 3760786.88270624 991.50 1.50
** receptor =B460+1 property boundary receptor: =C460+1
DISCCART 407011.30053136 3760761.89779185 965.40 1.50
** receptor =B461+1 property boundary receptor: =C461+1
DISCCART 407010.484192775 3760736.91287745 929.60 1.50
** receptor =B462+1 property boundary receptor: =C462+1
DISCCART 407009.66785419 3760711.92796306 891.10 1.50
** receptor =B463+1 property boundary receptor: =C463+1
DISCCART 407008.84326976 3760686.94304867 843.80 1.50
** receptor =B464+1 property boundary receptor: =C464+1
DISCCART 407008.026931175 3760661.94813631 807.10 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B465+1 property boundary receptor: =C465+1
DISCCART 407031.923387945 3760661.55821568 770.20 1.50

** receptor =B466+1 property boundary receptor: =C466+1
DISCCART 407056.92478785 3760661.34825841 710.10 1.50

** receptor =B467+1 property boundary receptor: =C467+1
DISCCART 407081.926187756 3760661.14829912 721.00 1.50

** receptor =B468+1 property boundary receptor: =C468+1
DISCCART 407106.927587662 3760660.93834185 805.20 1.50

** receptor =B469+1 property boundary receptor: =C469+1
DISCCART 407131.920741723 3760660.73838255 854.60 1.50

** receptor =B470+1 property boundary receptor: =C470+1
DISCCART 407156.922141629 3760660.52842529 878.90 1.50

** receptor =B471+1 property boundary receptor: =C471+1
DISCCART 407181.923541534 3760660.32846599 925.90 1.50

** receptor =B472+1 property boundary receptor: =C472+1
DISCCART 407206.916695596 3760660.11850873 973.50 1.50

** receptor =B473+1 property boundary receptor: =C473+1
DISCCART 407231.918095501 3760659.90855146 1011.30 1.50

** receptor =B474+1 property boundary receptor: =C474+1
DISCCART 407256.919495407 3760659.70859216 1023.40 1.50

** receptor =B475+1 property boundary receptor: =C475+1
DISCCART 407281.920895313 3760659.4986349 1000.40 1.50

** receptor =B476+1 property boundary receptor: =C476+1
DISCCART 407306.914049374 3760659.2986756 962.40 1.50

** receptor =B477+1 property boundary receptor: =C477+1
DISCCART 407331.91544928 3760659.08871834 935.50 1.50

** receptor =B478+1 property boundary receptor: =C478+1
DISCCART 407356.916849185 3760658.88875904 958.90 1.50

** receptor =B479+1 property boundary receptor: =C479+1
DISCCART 407381.918249091 3760658.67880177 960.10 1.50

** receptor =B480+1 property boundary receptor: =C480+1
DISCCART 407406.911403152 3760658.47884248 955.30 1.50

** receptor =B481+1 property boundary receptor: =C481+1
DISCCART 407431.912803058 3760658.26888521 975.60 1.50

** receptor =B482+1 property boundary receptor: =C482+1
DISCCART 407456.914202963 3760658.06892591 989.10 1.50

** receptor =B483+1 property boundary receptor: =C483+1
DISCCART 407481.907357025 3760657.85896865 995.00 1.50

** receptor =B484+1 property boundary receptor: =C484+1
DISCCART 407506.90875693 3760657.64901139 964.70 1.50

** receptor =B485+1 property boundary receptor: =C485+1
DISCCART 407531.910156836 3760657.44905209 943.60 1.50

** receptor =B486+1 property boundary receptor: =C486+1
DISCCART 407556.911556741 3760657.23909482 0.00 1.50

** receptor =B487+1 property boundary receptor: =C487+1
DISCCART 407581.904710803 3760657.03913552 0.00 1.50

** receptor =B488+1 property boundary receptor: =C488+1
DISCCART 407606.906110708 3760656.82917826 0.00 1.50

** receptor =B489+1 property boundary receptor: =C489+1
DISCCART 407631.907510614 3760656.62921896 0.00 1.50

** receptor =B490+1 property boundary receptor: =C490+1

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NOx Peak Hour Emissions Unmitigated

DISCCART 407656.90891052 3760656.4192617 0.00 1.50
** receptor =B491+1 property boundary receptor: =C491+1
DISCCART 407681.902064581 3760656.2193024 0.00 1.50
** receptor =B492+1 property boundary receptor: =C492+1
DISCCART 407706.903464487 3760656.00934513 0.00 1.50
** receptor =B493+1 property boundary receptor: =C493+1
DISCCART 407731.904864392 3760655.79938787 0.00 1.50
** receptor =B494+1 property boundary receptor: =C494+1
DISCCART 407756.898018454 3760655.59942857 0.00 1.50
** receptor =B495+1 property boundary receptor: =C495+1
DISCCART 407781.899418359 3760655.38947131 0.00 1.50
** receptor =B496+1 property boundary receptor: =C496+1
DISCCART 407806.900818265 3760655.18951201 0.00 1.50
** receptor =B497+1 property boundary receptor: =C497+1
DISCCART 407831.90221817 3760654.97955475 0.00 1.50
** receptor =B498+1 property boundary receptor: =C498+1
DISCCART 407856.895372232 3760654.77959545 0.00 1.50
** receptor =B499+1 property boundary receptor: =C499+1
DISCCART 407881.896772137 3760654.56963818 0.00 1.50
** receptor =B500+1 property boundary receptor: =C500+1
DISCCART 407906.898172043 3760654.36967888 0.00 1.50
** receptor =B501+1 property boundary receptor: =C501+1
DISCCART 407931.899571949 3760654.15972162 0.00 1.50
** receptor =B502+1 property boundary receptor: =C502+1
DISCCART 407956.89272601 3760653.95976232 0.00 1.50
** receptor =B503+1 property boundary receptor: =C503+1
DISCCART 407981.894125916 3760653.74980506 0.00 1.50
** receptor =B504+1 property boundary receptor: =C504+1
DISCCART 408006.895525821 3760653.53984779 0.00 1.50
** receptor =B505+1 property boundary receptor: =C505+1
DISCCART 408031.888679883 3760653.3398885 0.00 1.50
** receptor =B506+1 property boundary receptor: =C506+1
DISCCART 408056.890079788 3760653.12993123 0.00 1.50
** receptor =B507+1 property boundary receptor: =C507+1
DISCCART 408081.891479694 3760652.92997193 0.00 1.50
** receptor =B508+1 property boundary receptor: =C508+1
DISCCART 408106.892879599 3760652.72001467 0.00 1.50
** receptor =B509+1 property boundary receptor: =C509+1
DISCCART 408131.886033661 3760652.52005537 0.00 1.50
** receptor =B510+1 property boundary receptor: =C510+1
DISCCART 408156.887433566 3760652.31009811 0.00 1.50
** receptor =B511+1 property boundary receptor: =C511+1
DISCCART 408181.888833472 3760652.11013881 0.00 1.50
** receptor =B512+1 property boundary receptor: =C512+1
DISCCART 408206.890233378 3760651.90018154 0.00 1.50
** receptor =B513+1 property boundary receptor: =C513+1
DISCCART 408225.740233438 3760644.93159998 0.00 1.50
** receptor =B514+1 property boundary receptor: =C514+1
DISCCART 408224.940386542 3760619.93668762 0.00 1.50
** receptor =B515+1 property boundary receptor: =C515+1
DISCCART 408224.148785489 3760594.95177323 0.00 1.50

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** receptor =B516+1 property boundary receptor: =C516+1
DISCCART 408223.348938593 3760569.96685883 0.00 1.50

** receptor =B517+1 property boundary receptor: =C517+1
DISCCART 408222.549091696 3760544.98194444 0.00 1.50

** receptor =B518+1 property boundary receptor: =C518+1
DISCCART 408221.749244799 3760519.98703208 0.00 1.50

** receptor =B519+1 property boundary receptor: =C519+1
DISCCART 408220.949397902 3760495.00211769 0.00 1.50

** receptor =B520+1 property boundary receptor: =C520+1
DISCCART 408220.149551006 3760470.0172033 0.00 1.50

** receptor =B521+1 property boundary receptor: =C521+1
DISCCART 408219.349704109 3760445.0322889 0.00 1.50

** receptor =B522+1 property boundary receptor: =C522+1
DISCCART 408218.549857212 3760420.03737655 0.00 1.50

** receptor =B523+1 property boundary receptor: =C523+1
DISCCART 408217.750010316 3760395.05246215 0.00 1.50

** receptor =B524+1 property boundary receptor: =C524+1
DISCCART 408216.950163419 3760370.06754776 0.00 1.50

** receptor =B525+1 property boundary receptor: =C525+1
DISCCART 408216.150316522 3760345.08263337 0.00 1.50

** receptor =B526+1 property boundary receptor: =C526+1
DISCCART 408215.350469625 3760320.09771897 0.00 1.50

** receptor =B527+1 property boundary receptor: =C527+1
DISCCART 408214.558868573 3760295.10280662 0.00 1.50

** receptor =B528+1 property boundary receptor: =C528+1
DISCCART 408213.759021676 3760270.11789223 0.00 1.50

** receptor =B529+1 property boundary receptor: =C529+1
DISCCART 408212.95917478 3760245.13297783 0.00 1.50

** receptor =B530+1 property boundary receptor: =C530+1
DISCCART 408212.159327883 3760220.14806344 0.00 1.50

** receptor =B531+1 property boundary receptor: =C531+1
DISCCART 408211.359480986 3760195.15315108 0.00 1.50

** receptor =B532+1 property boundary receptor: =C532+1
DISCCART 408210.559634089 3760170.16823669 0.00 1.50

** receptor =B533+1 property boundary receptor: =C533+1
DISCCART 408209.759787193 3760145.18332229 0.00 1.50

** receptor =B534+1 property boundary receptor: =C534+1
DISCCART 408208.959940296 3760120.1984079 0.00 1.50

** receptor =B535+1 property boundary receptor: =C535+1
DISCCART 408208.160093399 3760095.20349554 0.00 1.50

** receptor =B536+1 property boundary receptor: =C536+1
DISCCART 408207.360246503 3760070.21858115 0.00 1.50

** receptor =B537+1 property boundary receptor: =C537+1
DISCCART 408206.560399606 3760045.23366676 0.00 1.50

** receptor =B538+1 property boundary receptor: =C538+1
DISCCART 408205.760552709 3760020.24875237 0.00 1.50

** receptor =B539+1 property boundary receptor: =C539+1
DISCCART 408204.968951657 3759995.26383797 0.00 1.50

** receptor =B540+1 property boundary receptor: =C540+1
DISCCART 408204.16910476 3759970.26892561 0.00 1.50

** receptor =B541+1 property boundary receptor: =C541+1

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DISCCART 408203.369257863 3759945.28401122 0.00 1.50
** receptor =B542+1 property boundary receptor: =C542+1
DISCCART 408202.569410967 3759920.29909683 0.00 1.50
** receptor =B543+1 property boundary receptor: =C543+1
DISCCART 408201.76956407 3759895.31418244 0.00 1.50
** receptor =B544+1 property boundary receptor: =C544+1
DISCCART 408200.969717173 3759870.31927008 0.00 1.50
** receptor =B545+1 property boundary receptor: =C545+1
DISCCART 408201.579909651 3759847.54390594 0.00 1.50
** receptor =B546+1 property boundary receptor: =C546+1
DISCCART 408226.573063712 3759847.1539853 0.00 1.50
** receptor =B547+1 property boundary receptor: =C547+1
DISCCART 408251.574463618 3759846.76406467 0.00 1.50
** receptor =B548+1 property boundary receptor: =C548+1
DISCCART 408276.567617679 3759846.37414404 0.00 1.50
** receptor =B549+1 property boundary receptor: =C549+1
DISCCART 408301.569017585 3759845.98422341 0.00 1.50
** receptor =B550+1 property boundary receptor: =C550+1
DISCCART 408326.562171646 3759845.59430277 0.00 1.50
** receptor =B551+1 property boundary receptor: =C551+1
DISCCART 408351.563571552 3759845.20438214 0.00 1.50
** receptor =B552+1 property boundary receptor: =C552+1
DISCCART 408376.556725613 3759844.81446151 0.00 1.50
** receptor =B553+1 property boundary receptor: =C553+1
DISCCART 408401.549879674 3759844.42454087 0.00 1.50
** receptor =B554+1 property boundary receptor: =C554+1
DISCCART 408426.55127958 3759844.04461821 0.00 1.50
** receptor =B555+1 property boundary receptor: =C555+1
DISCCART 408451.544433641 3759843.65469757 0.00 1.50
** receptor =B556+1 property boundary receptor: =C556+1
DISCCART 408476.545833547 3759843.26477694 0.00 1.50
** receptor =B557+1 property boundary receptor: =C557+1
DISCCART 408501.538987608 3759842.87485631 0.00 1.50
** receptor =B558+1 property boundary receptor: =C558+1
DISCCART 408526.540387514 3759842.48493568 0.00 1.50
** receptor =B559+1 property boundary receptor: =C559+1
DISCCART 408551.533541575 3759842.09501504 0.00 1.50
** receptor =B560+1 property boundary receptor: =C560+1
DISCCART 408576.534941481 3759841.70509441 0.00 1.50
** receptor =B561+1 property boundary receptor: =C561+1
DISCCART 408601.528095542 3759841.31517378 0.00 1.50
** receptor =B562+1 property boundary receptor: =C562+1
DISCCART 408626.529495448 3759840.93525111 0.00 1.50
** receptor =B563+1 property boundary receptor: =C563+1
DISCCART 408651.522649509 3759840.54533048 0.00 1.50
** receptor =B564+1 property boundary receptor: =C564+1
DISCCART 408676.524049415 3759840.15540984 0.00 1.50
** receptor =B565+1 property boundary receptor: =C565+1
DISCCART 408701.517203476 3759839.76548921 0.00 1.50
** receptor =B566+1 property boundary receptor: =C566+1
DISCCART 408726.510357538 3759839.37556858 0.00 1.50

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** receptor =B567+1 property boundary receptor: =C567+1
DISCCART 408751.511757443 3759838.98564795 0.00 1.50

** receptor =B568+1 property boundary receptor: =C568+1
DISCCART 408776.504911504 3759838.59572731 0.00 1.50

** receptor =B569+1 property boundary receptor: =C569+1
DISCCART 408801.50631141 3759838.20580668 0.00 1.50

** receptor =B570+1 property boundary receptor: =C570+1
DISCCART 408826.499465471 3759837.81588605 0.00 1.50

** receptor =B571+1 property boundary receptor: =C571+1
DISCCART 408851.500865377 3759837.43596338 0.00 1.50

** receptor =B572+1 property boundary receptor: =C572+1
DISCCART 408876.494019438 3759837.04604275 0.00 1.50

** receptor =B573+1 property boundary receptor: =C573+1
DISCCART 408901.495419344 3759836.65612211 0.00 1.50

** receptor =B574+1 property boundary receptor: =C574+1
DISCCART 408926.488573405 3759836.26620148 0.00 1.50

** receptor =B575+1 property boundary receptor: =C575+1
DISCCART 408951.489973311 3759835.87628085 0.00 1.50

** receptor =B576+1 property boundary receptor: =C576+1
DISCCART 408976.483127372 3759835.48636022 0.00 1.50

** receptor =B577+1 property boundary receptor: =C577+1
DISCCART 409001.484527278 3759835.09643958 0.00 1.50

** receptor =B578+1 property boundary receptor: =C578+1
DISCCART 409026.477681339 3759834.70651895 0.00 1.50

** receptor =B579+1 property boundary receptor: =C579+1
DISCCART 409051.479081245 3759834.31659832 0.00 1.50

** receptor =B580+1 property boundary receptor: =C580+1
DISCCART 409076.472235306 3759833.93667565 0.00 1.50

** receptor =B581+1 property boundary receptor: =C581+1
DISCCART 409101.465389368 3759833.58674688 0.00 1.50

** receptor =B582+1 property boundary receptor: =C582+1
DISCCART 409126.466789273 3759833.25681403 0.00 1.50

** receptor =B583+1 property boundary receptor: =C583+1
DISCCART 409151.468189179 3759832.91688323 0.00 1.50

** receptor =B584+1 property boundary receptor: =C584+1
DISCCART 409176.46134324 3759832.58695038 0.00 1.50

** receptor =B585+1 property boundary receptor: =C585+1
DISCCART 409201.462743146 3759832.24701957 0.00 1.50

** receptor =B586+1 property boundary receptor: =C586+1
DISCCART 409226.455897207 3759831.91708673 0.00 1.50

** receptor =B587+1 property boundary receptor: =C587+1
DISCCART 409251.457297113 3759831.57715592 0.00 1.50

** receptor =B588+1 property boundary receptor: =C588+1
DISCCART 409276.450451174 3759831.24722308 0.00 1.50

** receptor =B589+1 property boundary receptor: =C589+1
DISCCART 409301.45185108 3759830.90729227 0.00 1.50

** receptor =B590+1 property boundary receptor: =C590+1
DISCCART 409326.445005141 3759830.57735943 0.00 1.50

** receptor =B591+1 property boundary receptor: =C591+1
DISCCART 409351.446405047 3759830.23742862 0.00 1.50

** receptor =B592+1 property boundary receptor: =C592+1

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DISCCART 409376.447804952 3759829.90749578 0.00 1.50
** receptor =B593+1 property boundary receptor: =C593+1
DISCCART 409401.440959014 3759829.56756497 0.00 1.50
** receptor =B594+1 property boundary receptor: =C594+1
DISCCART 409426.442358919 3759829.23763213 0.00 1.50
** receptor =B595+1 property boundary receptor: =C595+1
DISCCART 409451.43551298 3759828.89770132 0.00 1.50
** receptor =B596+1 property boundary receptor: =C596+1
DISCCART 409476.436912886 3759828.56776847 0.00 1.50
** receptor =B597+1 property boundary receptor: =C597+1
DISCCART 409501.430066947 3759828.22783767 0.00 1.50
** receptor =B598+1 property boundary receptor: =C598+1
DISCCART 409526.431466853 3759827.89790482 0.00 1.50
** receptor =B599+1 property boundary receptor: =C599+1
DISCCART 409551.424620914 3759827.55797402 0.00 1.50
** receptor =B600+1 property boundary receptor: =C600+1
DISCCART 409576.42602082 3759827.22804117 0.00 1.50
** receptor =B601+1 property boundary receptor: =C601+1
DISCCART 409601.427420726 3759826.88811036 0.00 1.50
** receptor =B602+1 property boundary receptor: =C602+1
DISCCART 409626.420574787 3759826.55817752 0.00 1.50
** receptor =B603+1 property boundary receptor: =C603+1
DISCCART 409651.421974693 3759826.21824671 0.00 1.50
** receptor =B604+1 property boundary receptor: =C604+1
DISCCART 409676.415128754 3759825.88831387 0.00 1.50
** receptor =B605+1 property boundary receptor: =C605+1
DISCCART 409700.872302936 3759821.52920115 0.00 1.50
** receptor =B606+1 property boundary receptor: =C606+1
DISCCART 409724.579105287 3759813.61081292 0.00 1.50
** receptor =B607+1 property boundary receptor: =C607+1
DISCCART 409748.294153483 3759805.68242672 0.00 1.50
** receptor =B608+1 property boundary receptor: =C608+1
DISCCART 409772.000955834 3759797.76403848 0.00 1.50

** SENSITIVE RECEPTORS

** receptor 1001 (sensitive receptor: T1)
DISCCART 407390.947448644 3759093.38741401 454.30 1.50
** receptor =B9+1 (sensitive receptor: T2)
DISCCART 407365.137955997 3759080.33007179 454.60 1.50
** receptor =B10+1 (sensitive receptor: T3)
DISCCART 407339.781984787 3759067.38270719 459.10 1.50
** receptor =B11+1 (sensitive receptor: T4)
DISCCART 407316.602916471 3759058.85444309 463.60 1.50
** receptor =B12+1 (sensitive receptor: T5)
DISCCART 407283.190755383 3759053.07561936 473.50 1.50
** receptor =B13+1 (sensitive receptor: T6)
DISCCART 407252.936752661 3759048.82648426 475.60 1.50
** receptor =B14+1 (sensitive receptor: T7)
DISCCART 407225.675991418 3759048.53654327 475.60 1.50
** receptor =B15+1 (sensitive receptor: T8)

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NOx Peak Hour Emissions Unmitigated

DISCCART 407196.955715735 3759049.9262604 471.40 1.50
** receptor =B16+1 (sensitive receptor: T9)
DISCCART 407179.012758547 3759047.99665316 465.50 1.50
** receptor =B17+1 (sensitive receptor: T10)
DISCCART 407162.817920349 3759027.3108637 462.40 1.50
** receptor =B18+1 (sensitive receptor: T11)
DISCCART 407144.116345486 3759003.98561149 454.10 1.50
** receptor =B19+1 (sensitive receptor: T12)
DISCCART 407126.461992848 3758984.74952693 443.30 1.50
** receptor =B20+1 (sensitive receptor: T13)
DISCCART 407105.781415354 3758967.54302927 438.30 1.50
** receptor =B21+1 (sensitive receptor: T14)
DISCCART 407088.160046093 3758951.85622227 437.90 1.50
** receptor =B22+1 (sensitive receptor: T15)
DISCCART 407069.524437984 3758935.17961675 437.10 1.50
** receptor =B23+1 (sensitive receptor: T16)
DISCCART 407049.30562777 3758918.52300715 436.10 1.50
** receptor =B24+1 (sensitive receptor: T17)
DISCCART 407036.326668848 3758904.9057789 432.80 1.50
** receptor =B25+1 (sensitive receptor: T18)
DISCCART 407039.682727476 3758879.36097847 436.20 1.50
** receptor =B26+1 (sensitive receptor: T19)
DISCCART 407046.642220062 3758854.23609257 429.40 1.50
** receptor =B27+1 (sensitive receptor: T20)
DISCCART 407052.496769513 3758829.11120666 426.40 1.50
** receptor =B28+1 (sensitive receptor: T21)
DISCCART 407055.861073985 3758804.57620069 422.10 1.50
** receptor =B29+1 (sensitive receptor: T22)
DISCCART 407059.233624302 3758781.58088132 416.60 1.50
** receptor =B30+1 (sensitive receptor: T23)
DISCCART 407066.250837798 3758771.76287975 414.60 1.50
** receptor =B31+1 (sensitive receptor: T24)
DISCCART 407073.952456371 3758765.02425138 410.50 1.50
** receptor =B32+1 (sensitive receptor: T25)
DISCCART 407083.138326917 3758759.39539712 407.30 1.50
** receptor =B33+1 (sensitive receptor: T26)
DISCCART 407094.377412692 3758756.73593844 406.70 1.50
** receptor =B34+1 (sensitive receptor: T27)
DISCCART 407109.327128401 3758764.23441215 408.90 1.50
** receptor =B35+1 (sensitive receptor: T28)
DISCCART 407134.58414948 3758776.74186629 408.20 1.50
** receptor =B36+1 (sensitive receptor: T29)
DISCCART 407157.820938706 3758790.81900093 411.00 1.50
** receptor =B37+1 (sensitive receptor: T30)
DISCCART 407181.601953656 3758803.33645304 415.10 1.50
** receptor =B38+1 (sensitive receptor: T31)
DISCCART 407205.374722761 3758815.86390311 418.10 1.50
** receptor =B39+1 (sensitive receptor: T32)
DISCCART 407230.681218906 3758833.47031938 425.00 1.50
** receptor =B40+1 (sensitive receptor: T33)
DISCCART 407254.025204108 3758858.3052643 428.30 1.50

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** receptor =B41+1 (sensitive receptor: T34)
DISCCART 407272.693795594 3758877.52135292 428.60 1.50

** receptor 2001 (sensitive receptor: C1)
DISCCART 405962.503349551 3758512.50565081 301.80 1.50

** receptor =B43+1 (sensitive receptor: C2)
DISCCART 405962.503349551 3758487.50074049 298.50 1.50

** receptor =B44+1 (sensitive receptor: C3)
DISCCART 405962.503349551 3758462.50582813 298.50 1.50

** receptor =B45+1 (sensitive receptor: C4)
DISCCART 405962.503349551 3758437.50091781 298.50 1.50

** receptor =B46+1 (sensitive receptor: C5)
DISCCART 405962.503349551 3758412.50600545 296.10 1.50

** receptor =B47+1 (sensitive receptor: C6)
DISCCART 405962.503349551 3758387.50109513 296.10 1.50

** receptor =B48+1 (sensitive receptor: C7)
DISCCART 405962.503349551 3758362.50618277 295.20 1.50

** receptor =B49+1 (sensitive receptor: C8)
DISCCART 405962.503349551 3758337.50127244 295.20 1.50

** receptor =B50+1 (sensitive receptor: C9)
DISCCART 405962.503349551 3758312.50636009 295.20 1.50

** receptor =B51+1 (sensitive receptor: C10)
DISCCART 405962.503349551 3758287.50144976 295.20 1.50

** receptor =B52+1 (sensitive receptor: C11)
DISCCART 405962.503349551 3758262.50653741 295.20 1.50

** receptor =B53+1 (sensitive receptor: C12)
DISCCART 405962.503349551 3758237.50162708 292.80 1.50

** receptor =B54+1 (sensitive receptor: C13)
DISCCART 405962.503349551 3758212.50671473 292.40 1.50

** receptor =B55+1 (sensitive receptor: C14)
DISCCART 405962.503349551 3758187.5018044 291.90 1.50

** receptor =B56+1 (sensitive receptor: C15)
DISCCART 405962.503349551 3758162.50689204 291.90 1.50

** receptor =B57+1 (sensitive receptor: C16)
DISCCART 405962.503349551 3758137.50198172 289.60 1.50

** receptor =B58+1 (sensitive receptor: C17)
DISCCART 405987.496503612 3758512.50565081 304.30 1.50

** receptor =B59+1 (sensitive receptor: C18)
DISCCART 405987.496503612 3758487.50074049 301.80 1.50

** receptor =B60+1 (sensitive receptor: C19)
DISCCART 405987.496503612 3758462.50582813 299.70 1.50

** receptor =B61+1 (sensitive receptor: C20)
DISCCART 405987.496503612 3758437.50091781 298.50 1.50

** receptor =B62+1 (sensitive receptor: C21)
DISCCART 405987.496503612 3758412.50600545 298.50 1.50

** receptor =B63+1 (sensitive receptor: C22)
DISCCART 405987.496503612 3758387.50109513 298.50 1.50

** receptor =B64+1 (sensitive receptor: C23)
DISCCART 405987.496503612 3758362.50618277 298.50 1.50

** receptor =B65+1 (sensitive receptor: C24)
DISCCART 405987.496503612 3758337.50127244 298.50 1.50

** receptor =B66+1 (sensitive receptor: C25)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 405987.496503612 3758312.50636009 298.50 1.50
 ** receptor =B67+1 (sensitive receptor: C26)

DISCCART 405987.496503612 3758287.50144976 298.50 1.50
 ** receptor =B68+1 (sensitive receptor: C27)

DISCCART 405987.496503612 3758262.50653741 297.80 1.50
 ** receptor =B69+1 (sensitive receptor: C28)

DISCCART 405987.496503612 3758237.50162708 295.20 1.50
 ** receptor =B70+1 (sensitive receptor: C29)

DISCCART 405987.496503612 3758212.50671473 295.20 1.50
 ** receptor =B71+1 (sensitive receptor: C30)

DISCCART 405987.496503612 3758187.5018044 294.50 1.50
 ** receptor =B72+1 (sensitive receptor: C31)

DISCCART 405987.496503612 3758162.50689204 293.10 1.50
 ** receptor =B73+1 (sensitive receptor: C32)

DISCCART 405987.496503612 3758137.50198172 291.90 1.50
 ** receptor =B74+1 (sensitive receptor: C33)

DISCCART 406012.497903518 3758512.50565081 305.50 1.50
 ** receptor =B75+1 (sensitive receptor: C34)

DISCCART 406012.497903518 3758487.50074049 305.00 1.50
 ** receptor =B76+1 (sensitive receptor: C35)

DISCCART 406012.497903518 3758462.50582813 302.20 1.50
 ** receptor =B77+1 (sensitive receptor: C36)

DISCCART 406012.497903518 3758437.50091781 301.80 1.50
 ** receptor =B78+1 (sensitive receptor: C37)

DISCCART 406012.497903518 3758412.50600545 301.80 1.50
 ** receptor =B79+1 (sensitive receptor: C38)

DISCCART 406012.497903518 3758387.50109513 299.40 1.50
 ** receptor =B80+1 (sensitive receptor: C39)

DISCCART 406012.497903518 3758362.50618277 299.40 1.50
 ** receptor =B81+1 (sensitive receptor: C40)

DISCCART 406012.497903518 3758337.50127244 299.50 1.50
 ** receptor =B82+1 (sensitive receptor: C41)

DISCCART 406012.497903518 3758312.50636009 300.50 1.50
 ** receptor =B83+1 (sensitive receptor: C42)

DISCCART 406012.497903518 3758287.50144976 299.40 1.50
 ** receptor =B84+1 (sensitive receptor: C43)

DISCCART 406012.497903518 3758262.50653741 298.50 1.50
 ** receptor =B85+1 (sensitive receptor: C44)

DISCCART 406012.497903518 3758237.50162708 298.50 1.50
 ** receptor =B86+1 (sensitive receptor: C45)

DISCCART 406012.497903518 3758212.50671473 298.50 1.50
 ** receptor =B87+1 (sensitive receptor: C46)

DISCCART 406012.497903518 3758187.5018044 296.10 1.50
 ** receptor =B88+1 (sensitive receptor: C47)

DISCCART 406012.497903518 3758162.50689204 295.20 1.50
 ** receptor =B89+1 (sensitive receptor: C48)

DISCCART 406012.497903518 3758137.50198172 295.20 1.50
 ** receptor =B90+1 (sensitive receptor: C49)

DISCCART 406037.499303424 3758512.50565081 308.30 1.50
 ** receptor =B91+1 (sensitive receptor: C50)

DISCCART 406037.499303424 3758487.50074049 307.50 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B92+1 (sensitive receptor: C51)
DISCCART 406037.499303424 3758462.50582813 305.00 1.50

** receptor =B93+1 (sensitive receptor: C52)
DISCCART 406037.499303424 3758437.50091781 305.00 1.50

** receptor =B94+1 (sensitive receptor: C53)
DISCCART 406037.499303424 3758412.50600545 304.30 1.50

** receptor =B95+1 (sensitive receptor: C54)
DISCCART 406037.499303424 3758387.50109513 301.80 1.50

** receptor =B96+1 (sensitive receptor: C55)
DISCCART 406037.499303424 3758362.50618277 301.80 1.50

** receptor =B97+1 (sensitive receptor: C56)
DISCCART 406037.499303424 3758337.50127244 301.80 1.50

** receptor =B98+1 (sensitive receptor: C57)
DISCCART 406037.499303424 3758312.50636009 301.80 1.50

** receptor =B99+1 (sensitive receptor: C58)
DISCCART 406037.499303424 3758287.50144976 301.80 1.50

** receptor =B100+1 (sensitive receptor: C59)
DISCCART 406037.499303424 3758262.50653741 301.80 1.50

** receptor =B101+1 (sensitive receptor: C60)
DISCCART 406037.499303424 3758237.50162708 301.00 1.50

** receptor =B102+1 (sensitive receptor: C61)
DISCCART 406037.499303424 3758212.50671473 298.50 1.50

** receptor =B103+1 (sensitive receptor: C62)
DISCCART 406037.499303424 3758187.5018044 298.50 1.50

** receptor =B104+1 (sensitive receptor: C63)
DISCCART 406037.499303424 3758162.50689204 298.50 1.50

** receptor =B105+1 (sensitive receptor: C64)
DISCCART 406037.499303424 3758137.50198172 298.50 1.50

** receptor =B106+1 (sensitive receptor: C65)
DISCCART 406062.500703329 3758512.50565081 311.60 1.50

** receptor =B107+1 (sensitive receptor: C66)
DISCCART 406062.500703329 3758487.50074049 309.20 1.50

** receptor =B108+1 (sensitive receptor: C67)
DISCCART 406062.500703329 3758462.50582813 308.30 1.50

** receptor =B109+1 (sensitive receptor: C68)
DISCCART 406062.500703329 3758437.50091781 306.00 1.50

** receptor =B110+1 (sensitive receptor: C69)
DISCCART 406062.500703329 3758412.50600545 305.50 1.50

** receptor =B111+1 (sensitive receptor: C70)
DISCCART 406062.500703329 3758387.50109513 305.00 1.50

** receptor =B112+1 (sensitive receptor: C71)
DISCCART 406062.500703329 3758362.50618277 305.00 1.50

** receptor =B113+1 (sensitive receptor: C72)
DISCCART 406062.500703329 3758337.50127244 305.00 1.50

** receptor =B114+1 (sensitive receptor: C73)
DISCCART 406062.500703329 3758312.50636009 305.00 1.50

** receptor =B115+1 (sensitive receptor: C74)
DISCCART 406062.500703329 3758287.50144976 305.00 1.50

** receptor =B116+1 (sensitive receptor: C75)
DISCCART 406062.500703329 3758262.50653741 303.80 1.50

** receptor =B117+1 (sensitive receptor: C76)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406062.500703329 3758237.50162708 302.70 1.50
** receptor =B118+1 (sensitive receptor: C77)
DISCCART 406062.500703329 3758212.50671473 301.80 1.50
** receptor =B119+1 (sensitive receptor: C78)
DISCCART 406062.500703329 3758187.5018044 299.40 1.50
** receptor =B120+1 (sensitive receptor: C79)
DISCCART 406062.500703329 3758162.50689204 298.90 1.50
** receptor =B121+1 (sensitive receptor: C80)
DISCCART 406062.500703329 3758137.50198172 299.40 1.50
** receptor =B122+1 (sensitive receptor: C81)
DISCCART 406087.502103235 3758512.50565081 311.60 1.50
** receptor =B123+1 (sensitive receptor: C82)
DISCCART 406087.502103235 3758487.50074049 311.60 1.50
** receptor =B124+1 (sensitive receptor: C83)
DISCCART 406087.502103235 3758462.50582813 311.20 1.50
** receptor =B125+1 (sensitive receptor: C84)
DISCCART 406087.502103235 3758437.50091781 308.30 1.50
** receptor =B126+1 (sensitive receptor: C85)
DISCCART 406087.502103235 3758412.50600545 308.30 1.50
** receptor =B127+1 (sensitive receptor: C86)
DISCCART 406087.502103235 3758387.50109513 308.30 1.50
** receptor =B128+1 (sensitive receptor: C87)
DISCCART 406087.502103235 3758362.50618277 308.30 1.50
** receptor =B129+1 (sensitive receptor: C88)
DISCCART 406087.502103235 3758337.50127244 307.60 1.50
** receptor =B130+1 (sensitive receptor: C89)
DISCCART 406087.502103235 3758312.50636009 307.60 1.50
** receptor =B131+1 (sensitive receptor: C90)
DISCCART 406087.502103235 3758287.50144976 307.50 1.50
** receptor =B132+1 (sensitive receptor: C91)
DISCCART 406087.502103235 3758262.50653741 305.00 1.50
** receptor =B133+1 (sensitive receptor: C92)
DISCCART 406087.502103235 3758237.50162708 305.00 1.50
** receptor =B134+1 (sensitive receptor: C93)
DISCCART 406087.502103235 3758212.50671473 304.30 1.50
** receptor =B135+1 (sensitive receptor: C94)
DISCCART 406087.502103235 3758187.5018044 301.80 1.50
** receptor =B136+1 (sensitive receptor: C95)
DISCCART 406087.502103235 3758162.50689204 301.80 1.50
** receptor =B137+1 (sensitive receptor: C96)
DISCCART 406087.502103235 3758137.50198172 301.80 1.50
** receptor =B138+1 (sensitive receptor: C97)
DISCCART 406112.495257296 3758512.50565081 314.90 1.50
** receptor =B139+1 (sensitive receptor: C98)
DISCCART 406112.495257296 3758487.50074049 314.80 1.50
** receptor =B140+1 (sensitive receptor: C99)
DISCCART 406112.495257296 3758462.50582813 312.00 1.50
** receptor =B141+1 (sensitive receptor: C100)
DISCCART 406112.495257296 3758437.50091781 311.60 1.50
** receptor =B142+1 (sensitive receptor: C101)
DISCCART 406112.495257296 3758412.50600545 311.60 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B143+1 (sensitive receptor: C102)
DISCCART 406112.495257296 3758387.50109513 309.20 1.50

** receptor =B144+1 (sensitive receptor: C103)
DISCCART 406112.495257296 3758362.50618277 309.20 1.50

** receptor =B145+1 (sensitive receptor: C104)
DISCCART 406112.495257296 3758337.50127244 309.20 1.50

** receptor =B146+1 (sensitive receptor: C105)
DISCCART 406112.495257296 3758312.50636009 308.30 1.50

** receptor =B147+1 (sensitive receptor: C106)
DISCCART 406112.495257296 3758287.50144976 308.30 1.50

** receptor =B148+1 (sensitive receptor: C107)
DISCCART 406112.495257296 3758262.50653741 308.30 1.50

** receptor =B149+1 (sensitive receptor: C108)
DISCCART 406112.495257296 3758237.50162708 308.30 1.50

** receptor =B150+1 (sensitive receptor: C109)
DISCCART 406112.495257296 3758212.50671473 306.00 1.50

** receptor =B151+1 (sensitive receptor: C110)
DISCCART 406112.495257296 3758187.5018044 306.00 1.50

** receptor =B152+1 (sensitive receptor: C111)
DISCCART 406112.495257296 3758162.50689204 305.00 1.50

** receptor =B153+1 (sensitive receptor: C112)
DISCCART 406112.495257296 3758137.50198172 305.00 1.50

** receptor =B154+1 (sensitive receptor: C113)
DISCCART 406137.496657202 3758512.50565081 318.20 1.50

** receptor =B155+1 (sensitive receptor: C114)
DISCCART 406137.496657202 3758487.50074049 314.90 1.50

** receptor =B156+1 (sensitive receptor: C115)
DISCCART 406137.496657202 3758462.50582813 314.90 1.50

** receptor =B157+1 (sensitive receptor: C116)
DISCCART 406137.496657202 3758437.50091781 314.10 1.50

** receptor =B158+1 (sensitive receptor: C117)
DISCCART 406137.496657202 3758412.50600545 311.60 1.50

** receptor =B159+1 (sensitive receptor: C118)
DISCCART 406137.496657202 3758387.50109513 311.60 1.50

** receptor =B160+1 (sensitive receptor: C119)
DISCCART 406137.496657202 3758362.50618277 311.60 1.50

** receptor =B161+1 (sensitive receptor: C120)
DISCCART 406137.496657202 3758337.50127244 311.60 1.50

** receptor =B162+1 (sensitive receptor: C121)
DISCCART 406137.496657202 3758312.50636009 311.60 1.50

** receptor =B163+1 (sensitive receptor: C122)
DISCCART 406137.496657202 3758287.50144976 311.60 1.50

** receptor =B164+1 (sensitive receptor: C123)
DISCCART 406137.496657202 3758262.50653741 310.90 1.50

** receptor =B165+1 (sensitive receptor: C124)
DISCCART 406137.496657202 3758237.50162708 310.90 1.50

** receptor =B166+1 (sensitive receptor: C125)
DISCCART 406137.496657202 3758212.50671473 309.50 1.50

** receptor =B167+1 (sensitive receptor: C126)
DISCCART 406137.496657202 3758187.5018044 308.30 1.50

** receptor =B168+1 (sensitive receptor: C127)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART	406137.496657202	3758162.50689204	308.30	1.50
** receptor =B169+1 (sensitive receptor: C128)				
DISCCART	406137.496657202	3758137.50198172	308.30	1.50
** receptor =B170+1 (sensitive receptor: C129)				
DISCCART	406162.498057107	3758512.50565081	320.20	1.50
** receptor =B171+1 (sensitive receptor: C130)				
DISCCART	406162.498057107	3758487.50074049	318.20	1.50
** receptor =B172+1 (sensitive receptor: C131)				
DISCCART	406162.498057107	3758462.50582813	316.90	1.50
** receptor =B173+1 (sensitive receptor: C132)				
DISCCART	406162.498057107	3758437.50091781	314.90	1.50
** receptor =B174+1 (sensitive receptor: C133)				
DISCCART	406162.498057107	3758412.50600545	314.90	1.50
** receptor =B175+1 (sensitive receptor: C134)				
DISCCART	406162.498057107	3758387.50109513	314.90	1.50
** receptor =B176+1 (sensitive receptor: C135)				
DISCCART	406162.498057107	3758362.50618277	312.50	1.50
** receptor =B177+1 (sensitive receptor: C136)				
DISCCART	406162.498057107	3758337.50127244	312.50	1.50
** receptor =B178+1 (sensitive receptor: C137)				
DISCCART	406162.498057107	3758312.50636009	312.00	1.50
** receptor =B179+1 (sensitive receptor: C138)				
DISCCART	406162.498057107	3758287.50144976	311.60	1.50
** receptor =B180+1 (sensitive receptor: C139)				
DISCCART	406162.498057107	3758262.50653741	311.60	1.50
** receptor =B181+1 (sensitive receptor: C140)				
DISCCART	406162.498057107	3758237.50162708	311.60	1.50
** receptor =B182+1 (sensitive receptor: C141)				
DISCCART	406162.498057107	3758212.50671473	311.60	1.50
** receptor =B183+1 (sensitive receptor: C142)				
DISCCART	406162.498057107	3758187.5018044	311.60	1.50
** receptor =B184+1 (sensitive receptor: C143)				
DISCCART	406162.498057107	3758162.50689204	311.60	1.50
** receptor =B185+1 (sensitive receptor: C144)				
DISCCART	406162.498057107	3758137.50198172	311.60	1.50
** receptor =B186+1 (sensitive receptor: C145)				
DISCCART	406187.499457013	3758512.50565081	321.40	1.50
** receptor =B187+1 (sensitive receptor: C146)				
DISCCART	406187.499457013	3758487.50074049	320.70	1.50
** receptor =B188+1 (sensitive receptor: C147)				
DISCCART	406187.499457013	3758462.50582813	318.20	1.50
** receptor =B189+1 (sensitive receptor: C148)				
DISCCART	406187.499457013	3758437.50091781	318.20	1.50
** receptor =B190+1 (sensitive receptor: C149)				
DISCCART	406187.499457013	3758412.50600545	317.80	1.50
** receptor =B191+1 (sensitive receptor: C150)				
DISCCART	406187.499457013	3758387.50109513	317.40	1.50
** receptor =B192+1 (sensitive receptor: C151)				
DISCCART	406187.499457013	3758362.50618277	314.90	1.50
** receptor =B193+1 (sensitive receptor: C152)				
DISCCART	406187.499457013	3758337.50127244	314.90	1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B194+1 (sensitive receptor: C153)
DISCCART 406187.499457013 3758312.50636009 314.90 1.50

** receptor =B195+1 (sensitive receptor: C154)
DISCCART 406187.499457013 3758287.50144976 314.90 1.50

** receptor =B196+1 (sensitive receptor: C155)
DISCCART 406187.499457013 3758262.50653741 314.90 1.50

** receptor =B197+1 (sensitive receptor: C156)
DISCCART 406187.499457013 3758237.50162708 314.90 1.50

** receptor =B198+1 (sensitive receptor: C157)
DISCCART 406187.499457013 3758212.50671473 314.90 1.50

** receptor =B199+1 (sensitive receptor: C158)
DISCCART 406187.499457013 3758187.5018044 314.90 1.50

** receptor =B200+1 (sensitive receptor: C159)
DISCCART 406187.499457013 3758162.50689204 314.20 1.50

** receptor =B201+1 (sensitive receptor: C160)
DISCCART 406187.499457013 3758137.50198172 311.60 1.50

** receptor =B202+1 (sensitive receptor: C161)
DISCCART 406212.500856919 3758512.50565081 324.70 1.50

** receptor =B203+1 (sensitive receptor: C162)
DISCCART 406212.500856919 3758487.50074049 322.40 1.50

** receptor =B204+1 (sensitive receptor: C163)
DISCCART 406212.500856919 3758462.50582813 321.40 1.50

** receptor =B205+1 (sensitive receptor: C164)
DISCCART 406212.500856919 3758437.50091781 321.40 1.50

** receptor =B206+1 (sensitive receptor: C165)
DISCCART 406212.500856919 3758412.50600545 319.10 1.50

** receptor =B207+1 (sensitive receptor: C166)
DISCCART 406212.500856919 3758387.50109513 318.20 1.50

** receptor =B208+1 (sensitive receptor: C167)
DISCCART 406212.500856919 3758362.50618277 319.10 1.50

** receptor =B209+1 (sensitive receptor: C168)
DISCCART 406212.500856919 3758337.50127244 318.20 1.50

** receptor =B210+1 (sensitive receptor: C169)
DISCCART 406212.500856919 3758312.50636009 318.20 1.50

** receptor =B211+1 (sensitive receptor: C170)
DISCCART 406212.500856919 3758287.50144976 318.20 1.50

** receptor =B212+1 (sensitive receptor: C171)
DISCCART 406212.500856919 3758262.50653741 318.20 1.50

** receptor =B213+1 (sensitive receptor: C172)
DISCCART 406212.500856919 3758237.50162708 318.20 1.50

** receptor =B214+1 (sensitive receptor: C173)
DISCCART 406212.500856919 3758212.50671473 318.20 1.50

** receptor =B215+1 (sensitive receptor: C174)
DISCCART 406212.500856919 3758187.5018044 318.20 1.50

** receptor =B216+1 (sensitive receptor: C175)
DISCCART 406212.500856919 3758162.50689204 316.90 1.50

** receptor =B217+1 (sensitive receptor: C176)
DISCCART 406212.500856919 3758137.50198172 314.90 1.50

** receptor =B218+1 (sensitive receptor: C177)
DISCCART 406237.502256824 3758512.50565081 329.20 1.50

** receptor =B219+1 (sensitive receptor: C178)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART	406237.502256824	3758487.50074049	327.30	1.50
** receptor =B220+1 (sensitive receptor: C179)				
DISCCART	406237.502256824	3758462.50582813	324.70	1.50
** receptor =B221+1 (sensitive receptor: C180)				
DISCCART	406237.502256824	3758437.50091781	323.90	1.50
** receptor =B222+1 (sensitive receptor: C181)				
DISCCART	406237.502256824	3758412.50600545	321.40	1.50
** receptor =B223+1 (sensitive receptor: C182)				
DISCCART	406237.502256824	3758387.50109513	321.40	1.50
** receptor =B224+1 (sensitive receptor: C183)				
DISCCART	406237.502256824	3758362.50618277	321.40	1.50
** receptor =B225+1 (sensitive receptor: C184)				
DISCCART	406237.502256824	3758337.50127244	320.70	1.50
** receptor =B226+1 (sensitive receptor: C185)				
DISCCART	406237.502256824	3758312.50636009	320.70	1.50
** receptor =B227+1 (sensitive receptor: C186)				
DISCCART	406237.502256824	3758287.50144976	320.70	1.50
** receptor =B228+1 (sensitive receptor: C187)				
DISCCART	406237.502256824	3758262.50653741	320.70	1.50
** receptor =B229+1 (sensitive receptor: C188)				
DISCCART	406237.502256824	3758237.50162708	320.70	1.50
** receptor =B230+1 (sensitive receptor: C189)				
DISCCART	406237.502256824	3758212.50671473	321.40	1.50
** receptor =B231+1 (sensitive receptor: C190)				
DISCCART	406237.502256824	3758187.5018044	321.40	1.50
** receptor =B232+1 (sensitive receptor: C191)				
DISCCART	406237.502256824	3758162.50689204	318.20	1.50
** receptor =B233+1 (sensitive receptor: C192)				
DISCCART	406237.502256824	3758137.50198172	318.10	1.50
** receptor =B234+1 (sensitive receptor: C193)				
DISCCART	406262.495410886	3758512.50565081	333.30	1.50
** receptor =B235+1 (sensitive receptor: C194)				
DISCCART	406262.495410886	3758487.50074049	331.30	1.50
** receptor =B236+1 (sensitive receptor: C195)				
DISCCART	406262.495410886	3758462.50582813	328.90	1.50
** receptor =B237+1 (sensitive receptor: C196)				
DISCCART	406262.495410886	3758437.50091781	327.90	1.50
** receptor =B238+1 (sensitive receptor: C197)				
DISCCART	406262.495410886	3758412.50600545	325.20	1.50
** receptor =B239+1 (sensitive receptor: C198)				
DISCCART	406262.495410886	3758387.50109513	324.70	1.50
** receptor =B240+1 (sensitive receptor: C199)				
DISCCART	406262.495410886	3758362.50618277	324.70	1.50
** receptor =B241+1 (sensitive receptor: C200)				
DISCCART	406262.495410886	3758337.50127244	322.40	1.50
** receptor =B242+1 (sensitive receptor: C201)				
DISCCART	406262.495410886	3758312.50636009	321.40	1.50
** receptor =B243+1 (sensitive receptor: C202)				
DISCCART	406262.495410886	3758287.50144976	321.40	1.50
** receptor =B244+1 (sensitive receptor: C203)				
DISCCART	406262.495410886	3758262.50653741	321.90	1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B245+1 (sensitive receptor: C204)
DISCCART 406262.495410886 3758237.50162708 322.40 1.50

** receptor =B246+1 (sensitive receptor: C205)
DISCCART 406262.495410886 3758212.50671473 321.40 1.50

** receptor =B247+1 (sensitive receptor: C206)
DISCCART 406262.495410886 3758187.5018044 321.40 1.50

** receptor =B248+1 (sensitive receptor: C207)
DISCCART 406262.495410886 3758162.50689204 321.40 1.50

** receptor =B249+1 (sensitive receptor: C208)
DISCCART 406262.495410886 3758137.50198172 318.20 1.50

** receptor =B250+1 (sensitive receptor: C209)
DISCCART 406287.496810791 3758512.50565081 335.80 1.50

** receptor =B251+1 (sensitive receptor: C210)
DISCCART 406287.496810791 3758487.50074049 334.50 1.50

** receptor =B252+1 (sensitive receptor: C211)
DISCCART 406287.496810791 3758462.50582813 332.50 1.50

** receptor =B253+1 (sensitive receptor: C212)
DISCCART 406287.496810791 3758437.50091781 330.60 1.50

** receptor =B254+1 (sensitive receptor: C213)
DISCCART 406287.496810791 3758412.50600545 329.20 1.50

** receptor =B255+1 (sensitive receptor: C214)
DISCCART 406287.496810791 3758387.50109513 328.00 1.50

** receptor =B256+1 (sensitive receptor: C215)
DISCCART 406287.496810791 3758362.50618277 327.60 1.50

** receptor =B257+1 (sensitive receptor: C216)
DISCCART 406287.496810791 3758337.50127244 327.20 1.50

** receptor =B258+1 (sensitive receptor: C217)
DISCCART 406287.496810791 3758312.50636009 324.70 1.50

** receptor =B259+1 (sensitive receptor: C218)
DISCCART 406287.496810791 3758287.50144976 324.70 1.50

** receptor =B260+1 (sensitive receptor: C219)
DISCCART 406287.496810791 3758262.50653741 324.70 1.50

** receptor =B261+1 (sensitive receptor: C220)
DISCCART 406287.496810791 3758237.50162708 324.70 1.50

** receptor =B262+1 (sensitive receptor: C221)
DISCCART 406287.496810791 3758212.50671473 324.70 1.50

** receptor =B263+1 (sensitive receptor: C222)
DISCCART 406287.496810791 3758187.5018044 321.40 1.50

** receptor =B264+1 (sensitive receptor: C223)
DISCCART 406287.496810791 3758162.50689204 321.40 1.50

** receptor =B265+1 (sensitive receptor: C224)
DISCCART 406287.496810791 3758137.50198172 321.40 1.50

** receptor =B266+1 (sensitive receptor: C225)
DISCCART 406312.498210697 3758512.50565081 338.30 1.50

** receptor =B267+1 (sensitive receptor: C226)
DISCCART 406312.498210697 3758487.50074049 335.50 1.50

** receptor =B268+1 (sensitive receptor: C227)
DISCCART 406312.498210697 3758462.50582813 334.60 1.50

** receptor =B269+1 (sensitive receptor: C228)
DISCCART 406312.498210697 3758437.50091781 334.60 1.50

** receptor =B270+1 (sensitive receptor: C229)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406312.498210697 3758412.50600545 332.20 1.50
** receptor =B271+1 (sensitive receptor: C230)

DISCCART 406312.498210697 3758387.50109513 331.30 1.50
** receptor =B272+1 (sensitive receptor: C231)

DISCCART 406312.498210697 3758362.50618277 331.30 1.50
** receptor =B273+1 (sensitive receptor: C232)

DISCCART 406312.498210697 3758337.50127244 328.90 1.50
** receptor =B274+1 (sensitive receptor: C233)

DISCCART 406312.498210697 3758312.50636009 328.00 1.50
** receptor =B275+1 (sensitive receptor: C234)

DISCCART 406312.498210697 3758287.50144976 328.00 1.50
** receptor =B276+1 (sensitive receptor: C235)

DISCCART 406312.498210697 3758262.50653741 328.00 1.50
** receptor =B277+1 (sensitive receptor: C236)

DISCCART 406312.498210697 3758237.50162708 328.00 1.50
** receptor =B278+1 (sensitive receptor: C237)

DISCCART 406312.498210697 3758212.50671473 325.20 1.50
** receptor =B279+1 (sensitive receptor: C238)

DISCCART 406312.498210697 3758187.5018044 324.70 1.50
** receptor =B280+1 (sensitive receptor: C239)

DISCCART 406312.498210697 3758162.50689204 322.40 1.50
** receptor =B281+1 (sensitive receptor: C240)

DISCCART 406312.498210697 3758137.50198172 321.40 1.50
** receptor =B282+1 (sensitive receptor: C241)

DISCCART 406337.499610602 3758512.50565081 341.10 1.50
** receptor =B283+1 (sensitive receptor: C242)

DISCCART 406337.499610602 3758487.50074049 337.80 1.50
** receptor =B284+1 (sensitive receptor: C243)

DISCCART 406337.499610602 3758462.50582813 337.50 1.50
** receptor =B285+1 (sensitive receptor: C244)

DISCCART 406337.499610602 3758437.50091781 337.10 1.50
** receptor =B286+1 (sensitive receptor: C245)

DISCCART 406337.499610602 3758412.50600545 334.60 1.50
** receptor =B287+1 (sensitive receptor: C246)

DISCCART 406337.499610602 3758387.50109513 334.60 1.50
** receptor =B288+1 (sensitive receptor: C247)

DISCCART 406337.499610602 3758362.50618277 334.20 1.50
** receptor =B289+1 (sensitive receptor: C248)

DISCCART 406337.499610602 3758337.50127244 331.30 1.50
** receptor =B290+1 (sensitive receptor: C249)

DISCCART 406337.499610602 3758312.50636009 331.30 1.50
** receptor =B291+1 (sensitive receptor: C250)

DISCCART 406337.499610602 3758287.50144976 328.00 1.50
** receptor =B292+1 (sensitive receptor: C251)

DISCCART 406337.499610602 3758262.50653741 328.00 1.50
** receptor =B293+1 (sensitive receptor: C252)

DISCCART 406337.499610602 3758237.50162708 328.00 1.50
** receptor =B294+1 (sensitive receptor: C253)

DISCCART 406337.499610602 3758212.50671473 326.30 1.50
** receptor =B295+1 (sensitive receptor: C254)

DISCCART 406337.499610602 3758187.5018044 324.70 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B296+1 (sensitive receptor: C255)
DISCCART 406337.499610602 3758162.50689204 324.70 1.50

** receptor =B297+1 (sensitive receptor: C256)
DISCCART 406337.499610602 3758137.50198172 324.60 1.50

** receptor =B298+1 (sensitive receptor: C257)
DISCCART 406362.501010508 3758512.50565081 343.20 1.50

** receptor =B299+1 (sensitive receptor: C258)
DISCCART 406362.501010508 3758487.50074049 341.10 1.50

** receptor =B300+1 (sensitive receptor: C259)
DISCCART 406362.501010508 3758462.50582813 341.10 1.50

** receptor =B301+1 (sensitive receptor: C260)
DISCCART 406362.501010508 3758437.50091781 338.80 1.50

** receptor =B302+1 (sensitive receptor: C261)
DISCCART 406362.501010508 3758412.50600545 338.30 1.50

** receptor =B303+1 (sensitive receptor: C262)
DISCCART 406362.501010508 3758387.50109513 337.80 1.50

** receptor =B304+1 (sensitive receptor: C263)
DISCCART 406362.501010508 3758362.50618277 334.60 1.50

** receptor =B305+1 (sensitive receptor: C264)
DISCCART 406362.501010508 3758337.50127244 334.60 1.50

** receptor =B306+1 (sensitive receptor: C265)
DISCCART 406362.501010508 3758312.50636009 334.60 1.50

** receptor =B307+1 (sensitive receptor: C266)
DISCCART 406362.501010508 3758287.50144976 331.30 1.50

** receptor =B308+1 (sensitive receptor: C267)
DISCCART 406362.501010508 3758262.50653741 331.30 1.50

** receptor =B309+1 (sensitive receptor: C268)
DISCCART 406362.501010508 3758237.50162708 328.00 1.50

** receptor =B310+1 (sensitive receptor: C269)
DISCCART 406362.501010508 3758212.50671473 325.80 1.50

** receptor =B311+1 (sensitive receptor: C270)
DISCCART 406362.501010508 3758187.5018044 324.70 1.50

** receptor =B312+1 (sensitive receptor: C271)
DISCCART 406362.501010508 3758162.50689204 324.20 1.50

** receptor =B313+1 (sensitive receptor: C272)
DISCCART 406362.501010508 3758137.50198172 323.70 1.50

** receptor =B314+1 (sensitive receptor: C273)
DISCCART 406387.502410414 3758512.50565081 344.40 1.50

** receptor =B315+1 (sensitive receptor: C274)
DISCCART 406387.502410414 3758487.50074049 344.40 1.50

** receptor =B316+1 (sensitive receptor: C275)
DISCCART 406387.502410414 3758462.50582813 343.70 1.50

** receptor =B317+1 (sensitive receptor: C276)
DISCCART 406387.502410414 3758437.50091781 341.10 1.50

** receptor =B318+1 (sensitive receptor: C277)
DISCCART 406387.502410414 3758412.50600545 341.10 1.50

** receptor =B319+1 (sensitive receptor: C278)
DISCCART 406387.502410414 3758387.50109513 337.80 1.50

** receptor =B320+1 (sensitive receptor: C279)
DISCCART 406387.502410414 3758362.50618277 337.80 1.50

** receptor =B321+1 (sensitive receptor: C280)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406387.502410414 3758337.50127244 337.10 1.50
** receptor =B322+1 (sensitive receptor: C281)

DISCCART 406387.502410414 3758312.50636009 334.60 1.50
** receptor =B323+1 (sensitive receptor: C282)

DISCCART 406387.502410414 3758287.50144976 334.50 1.50
** receptor =B324+1 (sensitive receptor: C283)

DISCCART 406387.502410414 3758262.50653741 331.30 1.50
** receptor =B325+1 (sensitive receptor: C284)

DISCCART 406387.502410414 3758237.50162708 328.00 1.50
** receptor =B326+1 (sensitive receptor: C285)

DISCCART 406387.502410414 3758212.50671473 324.70 1.50
** receptor =B327+1 (sensitive receptor: C286)

DISCCART 406387.502410414 3758187.5018044 322.20 1.50
** receptor =B328+1 (sensitive receptor: C287)

DISCCART 406387.502410414 3758162.50689204 321.40 1.50
** receptor =B329+1 (sensitive receptor: C288)

DISCCART 406387.502410414 3758137.50198172 321.40 1.50
** receptor =B330+1 (sensitive receptor: C289)

DISCCART 406412.503810319 3758512.50565081 347.70 1.50
** receptor =B331+1 (sensitive receptor: C290)

DISCCART 406412.503810319 3758487.50074049 344.40 1.50
** receptor =B332+1 (sensitive receptor: C291)

DISCCART 406412.503810319 3758462.50582813 344.40 1.50
** receptor =B333+1 (sensitive receptor: C292)

DISCCART 406412.503810319 3758437.50091781 344.40 1.50
** receptor =B334+1 (sensitive receptor: C293)

DISCCART 406412.503810319 3758412.50600545 341.60 1.50
** receptor =B335+1 (sensitive receptor: C294)

DISCCART 406412.503810319 3758387.50109513 341.10 1.50
** receptor =B336+1 (sensitive receptor: C295)

DISCCART 406412.503810319 3758362.50618277 339.90 1.50
** receptor =B337+1 (sensitive receptor: C296)

DISCCART 406412.503810319 3758337.50127244 337.80 1.50
** receptor =B338+1 (sensitive receptor: C297)

DISCCART 406412.503810319 3758312.50636009 336.60 1.50
** receptor =B339+1 (sensitive receptor: C298)

DISCCART 406412.503810319 3758287.50144976 334.60 1.50
** receptor =B340+1 (sensitive receptor: C299)

DISCCART 406412.503810319 3758262.50653741 330.80 1.50
** receptor =B341+1 (sensitive receptor: C300)

DISCCART 406412.503810319 3758237.50162708 324.70 1.50
** receptor =B342+1 (sensitive receptor: C301)

DISCCART 406412.503810319 3758212.50671473 322.60 1.50
** receptor =B343+1 (sensitive receptor: C302)

DISCCART 406412.503810319 3758187.5018044 321.40 1.50
** receptor =B344+1 (sensitive receptor: C303)

DISCCART 406412.503810319 3758162.50689204 321.40 1.50
** receptor =B345+1 (sensitive receptor: C304)

DISCCART 406412.503810319 3758137.50198172 321.40 1.50
** receptor =B346+1 (sensitive receptor: C305)

DISCCART 406437.496964381 3758512.50565081 348.90 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B347+1 (sensitive receptor: C306)
DISCCART 406437.496964381 3758487.50074049 347.70 1.50

** receptor =B348+1 (sensitive receptor: C307)
DISCCART 406437.496964381 3758462.50582813 345.60 1.50

** receptor =B349+1 (sensitive receptor: C308)
DISCCART 406437.496964381 3758437.50091781 344.40 1.50

** receptor =B350+1 (sensitive receptor: C309)
DISCCART 406437.496964381 3758412.50600545 344.40 1.50

** receptor =B351+1 (sensitive receptor: C310)
DISCCART 406437.496964381 3758387.50109513 343.60 1.50

** receptor =B352+1 (sensitive receptor: C311)
DISCCART 406437.496964381 3758362.50618277 341.10 1.50

** receptor =B353+1 (sensitive receptor: C312)
DISCCART 406437.496964381 3758337.50127244 341.10 1.50

** receptor =B354+1 (sensitive receptor: C313)
DISCCART 406437.496964381 3758312.50636009 337.80 1.50

** receptor =B355+1 (sensitive receptor: C314)
DISCCART 406437.496964381 3758287.50144976 334.60 1.50

** receptor =B356+1 (sensitive receptor: C315)
DISCCART 406437.496964381 3758262.50653741 328.20 1.50

** receptor =B357+1 (sensitive receptor: C316)
DISCCART 406437.496964381 3758237.50162708 322.10 1.50

** receptor =B358+1 (sensitive receptor: C317)
DISCCART 406437.496964381 3758212.50671473 321.40 1.50

** receptor =B359+1 (sensitive receptor: C318)
DISCCART 406437.496964381 3758187.5018044 321.40 1.50

** receptor =B360+1 (sensitive receptor: C319)
DISCCART 406437.496964381 3758162.50689204 321.40 1.50

** receptor =B361+1 (sensitive receptor: C320)
DISCCART 406437.496964381 3758137.50198172 321.40 1.50

** receptor =B362+1 (sensitive receptor: C321)
DISCCART 406462.498364286 3758512.50565081 351.00 1.50

** receptor =B363+1 (sensitive receptor: C322)
DISCCART 406462.498364286 3758487.50074049 347.70 1.50

** receptor =B364+1 (sensitive receptor: C323)
DISCCART 406462.498364286 3758462.50582813 347.70 1.50

** receptor =B365+1 (sensitive receptor: C324)
DISCCART 406462.498364286 3758437.50091781 345.30 1.50

** receptor =B366+1 (sensitive receptor: C325)
DISCCART 406462.498364286 3758412.50600545 344.40 1.50

** receptor =B367+1 (sensitive receptor: C326)
DISCCART 406462.498364286 3758387.50109513 344.40 1.50

** receptor =B368+1 (sensitive receptor: C327)
DISCCART 406462.498364286 3758362.50618277 343.20 1.50

** receptor =B369+1 (sensitive receptor: C328)
DISCCART 406462.498364286 3758337.50127244 341.10 1.50

** receptor =B370+1 (sensitive receptor: C329)
DISCCART 406462.498364286 3758312.50636009 339.90 1.50

** receptor =B371+1 (sensitive receptor: C330)
DISCCART 406462.498364286 3758287.50144976 335.50 1.50

** receptor =B372+1 (sensitive receptor: C331)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406462.498364286 3758262.50653741 325.80 1.50
 ** receptor =B373+1 (sensitive receptor: C332)

DISCCART 406462.498364286 3758237.50162708 321.40 1.50
 ** receptor =B374+1 (sensitive receptor: C333)

DISCCART 406462.498364286 3758212.50671473 321.40 1.50
 ** receptor =B375+1 (sensitive receptor: C334)

DISCCART 406462.498364286 3758187.5018044 322.40 1.50
 ** receptor =B376+1 (sensitive receptor: C335)

DISCCART 406462.498364286 3758162.50689204 323.60 1.50
 ** receptor =B377+1 (sensitive receptor: C336)

DISCCART 406462.498364286 3758137.50198172 325.60 1.50
 ** receptor =B378+1 (sensitive receptor: C337)

DISCCART 406487.499764192 3758512.50565081 353.90 1.50
 ** receptor =B379+1 (sensitive receptor: C338)

DISCCART 406487.499764192 3758487.50074049 350.90 1.50
 ** receptor =B380+1 (sensitive receptor: C339)

DISCCART 406487.499764192 3758462.50582813 347.70 1.50
 ** receptor =B381+1 (sensitive receptor: C340)

DISCCART 406487.499764192 3758437.50091781 347.70 1.50
 ** receptor =B382+1 (sensitive receptor: C341)

DISCCART 406487.499764192 3758412.50600545 344.40 1.50
 ** receptor =B383+1 (sensitive receptor: C342)

DISCCART 406487.499764192 3758387.50109513 344.40 1.50
 ** receptor =B384+1 (sensitive receptor: C343)

DISCCART 406487.499764192 3758362.50618277 344.40 1.50
 ** receptor =B385+1 (sensitive receptor: C344)

DISCCART 406487.499764192 3758337.50127244 341.10 1.50
 ** receptor =B386+1 (sensitive receptor: C345)

DISCCART 406487.499764192 3758312.50636009 341.10 1.50
 ** receptor =B387+1 (sensitive receptor: C346)

DISCCART 406487.499764192 3758287.50144976 337.80 1.50
 ** receptor =B388+1 (sensitive receptor: C347)

DISCCART 406487.499764192 3758262.50653741 323.30 1.50
 ** receptor =B389+1 (sensitive receptor: C348)

DISCCART 406487.499764192 3758237.50162708 321.40 1.50
 ** receptor =B390+1 (sensitive receptor: C349)

DISCCART 406487.499764192 3758212.50671473 324.40 1.50
 ** receptor =B391+1 (sensitive receptor: C350)

DISCCART 406487.499764192 3758187.5018044 327.30 1.50
 ** receptor =B392+1 (sensitive receptor: C351)

DISCCART 406487.499764192 3758162.50689204 328.00 1.50
 ** receptor =B393+1 (sensitive receptor: C352)

DISCCART 406487.499764192 3758137.50198172 330.60 1.50
 ** receptor =B394+1 (sensitive receptor: C353)

DISCCART 406512.501164097 3758512.50565081 354.20 1.50
 ** receptor =B395+1 (sensitive receptor: C354)

DISCCART 406512.501164097 3758487.50074049 351.00 1.50
 ** receptor =B396+1 (sensitive receptor: C355)

DISCCART 406512.501164097 3758462.50582813 347.70 1.50
 ** receptor =B397+1 (sensitive receptor: C356)

DISCCART 406512.501164097 3758437.50091781 344.40 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B398+1 (sensitive receptor: C357)
DISCCART 406512.501164097 3758412.50600545 344.40 1.50

** receptor =B399+1 (sensitive receptor: C358)
DISCCART 406512.501164097 3758387.50109513 344.40 1.50

** receptor =B400+1 (sensitive receptor: C359)
DISCCART 406512.501164097 3758362.50618277 342.20 1.50

** receptor =B401+1 (sensitive receptor: C360)
DISCCART 406512.501164097 3758337.50127244 341.10 1.50

** receptor =B402+1 (sensitive receptor: C361)
DISCCART 406512.501164097 3758312.50636009 338.50 1.50

** receptor =B403+1 (sensitive receptor: C362)
DISCCART 406512.501164097 3758287.50144976 331.20 1.50

** receptor =B404+1 (sensitive receptor: C363)
DISCCART 406512.501164097 3758262.50653741 321.40 1.50

** receptor =B405+1 (sensitive receptor: C364)
DISCCART 406512.501164097 3758237.50162708 323.40 1.50

** receptor =B406+1 (sensitive receptor: C365)
DISCCART 406512.501164097 3758212.50671473 334.40 1.50

** receptor =B407+1 (sensitive receptor: C366)
DISCCART 406512.501164097 3758187.5018044 334.60 1.50

** receptor =B408+1 (sensitive receptor: C367)
DISCCART 406512.501164097 3758162.50689204 334.60 1.50

** receptor =B409+1 (sensitive receptor: C368)
DISCCART 406512.501164097 3758137.50198172 334.60 1.50

** receptor =B410+1 (sensitive receptor: C369)
DISCCART 406537.502564003 3758512.50565081 355.80 1.50

** receptor =B411+1 (sensitive receptor: C370)
DISCCART 406537.502564003 3758487.50074049 351.00 1.50

** receptor =B412+1 (sensitive receptor: C371)
DISCCART 406537.502564003 3758462.50582813 347.70 1.50

** receptor =B413+1 (sensitive receptor: C372)
DISCCART 406537.502564003 3758437.50091781 344.40 1.50

** receptor =B414+1 (sensitive receptor: C373)
DISCCART 406537.502564003 3758412.50600545 344.40 1.50

** receptor =B415+1 (sensitive receptor: C374)
DISCCART 406537.502564003 3758387.50109513 341.80 1.50

** receptor =B416+1 (sensitive receptor: C375)
DISCCART 406537.502564003 3758362.50618277 339.80 1.50

** receptor =B417+1 (sensitive receptor: C376)
DISCCART 406537.502564003 3758337.50127244 337.80 1.50

** receptor =B418+1 (sensitive receptor: C377)
DISCCART 406537.502564003 3758312.50636009 336.10 1.50

** receptor =B419+1 (sensitive receptor: C378)
DISCCART 406537.502564003 3758287.50144976 333.80 1.50

** receptor =B420+1 (sensitive receptor: C379)
DISCCART 406537.502564003 3758262.50653741 334.50 1.50

** receptor =B421+1 (sensitive receptor: C380)
DISCCART 406537.502564003 3758237.50162708 343.60 1.50

** receptor =B422+1 (sensitive receptor: C381)
DISCCART 406537.502564003 3758212.50671473 340.70 1.50

** receptor =B423+1 (sensitive receptor: C382)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406537.502564003 3758187.5018044 337.80 1.50
** receptor =B424+1 (sensitive receptor: C383)
DISCCART 406537.502564003 3758162.50689204 335.80 1.50
** receptor =B425+1 (sensitive receptor: C384)
DISCCART 406537.502564003 3758137.50198172 334.60 1.50
** receptor =B426+1 (sensitive receptor: C385)
DISCCART 406562.495718064 3758512.50565081 356.30 1.50
** receptor =B427+1 (sensitive receptor: C386)
DISCCART 406562.495718064 3758487.50074049 351.00 1.50
** receptor =B428+1 (sensitive receptor: C387)
DISCCART 406562.495718064 3758462.50582813 347.20 1.50
** receptor =B429+1 (sensitive receptor: C388)
DISCCART 406562.495718064 3758437.50091781 344.40 1.50
** receptor =B430+1 (sensitive receptor: C389)
DISCCART 406562.495718064 3758412.50600545 341.10 1.50
** receptor =B431+1 (sensitive receptor: C390)
DISCCART 406562.495718064 3758387.50109513 337.80 1.50
** receptor =B432+1 (sensitive receptor: C391)
DISCCART 406562.495718064 3758362.50618277 337.80 1.50
** receptor =B433+1 (sensitive receptor: C392)
DISCCART 406562.495718064 3758337.50127244 337.80 1.50
** receptor =B434+1 (sensitive receptor: C393)
DISCCART 406562.495718064 3758312.50636009 338.80 1.50
** receptor =B435+1 (sensitive receptor: C394)
DISCCART 406562.495718064 3758287.50144976 341.10 1.50
** receptor =B436+1 (sensitive receptor: C395)
DISCCART 406562.495718064 3758262.50653741 343.30 1.50
** receptor =B437+1 (sensitive receptor: C396)
DISCCART 406562.495718064 3758237.50162708 344.40 1.50
** receptor =B438+1 (sensitive receptor: C397)
DISCCART 406562.495718064 3758212.50671473 342.00 1.50
** receptor =B439+1 (sensitive receptor: C398)
DISCCART 406562.495718064 3758187.5018044 341.10 1.50
** receptor =B440+1 (sensitive receptor: C399)
DISCCART 406562.495718064 3758162.50689204 338.80 1.50
** receptor =B441+1 (sensitive receptor: C400)
DISCCART 406562.495718064 3758137.50198172 337.80 1.50
** receptor =B442+1 (sensitive receptor: C401)
DISCCART 406587.49711797 3758512.50565081 357.50 1.50
** receptor =B443+1 (sensitive receptor: C402)
DISCCART 406587.49711797 3758487.50074049 351.60 1.50
** receptor =B444+1 (sensitive receptor: C403)
DISCCART 406587.49711797 3758462.50582813 346.00 1.50
** receptor =B445+1 (sensitive receptor: C404)
DISCCART 406587.49711797 3758437.50091781 341.10 1.50
** receptor =B446+1 (sensitive receptor: C405)
DISCCART 406587.49711797 3758412.50600545 341.10 1.50
** receptor =B447+1 (sensitive receptor: C406)
DISCCART 406587.49711797 3758387.50109513 340.30 1.50
** receptor =B448+1 (sensitive receptor: C407)
DISCCART 406587.49711797 3758362.50618277 339.20 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B449+1 (sensitive receptor: C408)
DISCCART 406587.49711797 3758337.50127244 340.50 1.50

** receptor =B450+1 (sensitive receptor: C409)
DISCCART 406587.49711797 3758312.50636009 344.10 1.50

** receptor =B451+1 (sensitive receptor: C410)
DISCCART 406587.49711797 3758287.50144976 344.40 1.50

** receptor =B452+1 (sensitive receptor: C411)
DISCCART 406587.49711797 3758262.50653741 344.40 1.50

** receptor =B453+1 (sensitive receptor: C412)
DISCCART 406587.49711797 3758237.50162708 344.40 1.50

** receptor =B454+1 (sensitive receptor: C413)
DISCCART 406587.49711797 3758212.50671473 344.40 1.50

** receptor =B455+1 (sensitive receptor: C414)
DISCCART 406587.49711797 3758187.5018044 343.70 1.50

** receptor =B456+1 (sensitive receptor: C415)
DISCCART 406587.49711797 3758162.50689204 341.10 1.50

** receptor =B457+1 (sensitive receptor: C416)
DISCCART 406587.49711797 3758137.50198172 340.40 1.50

** receptor =B458+1 (sensitive receptor: C417)
DISCCART 406612.498517875 3758512.50565081 357.50 1.50

** receptor =B459+1 (sensitive receptor: C418)
DISCCART 406612.498517875 3758487.50074049 350.90 1.50

** receptor =B460+1 (sensitive receptor: C419)
DISCCART 406612.498517875 3758462.50582813 343.60 1.50

** receptor =B461+1 (sensitive receptor: C420)
DISCCART 406612.498517875 3758437.50091781 341.10 1.50

** receptor =B462+1 (sensitive receptor: C421)
DISCCART 406612.498517875 3758412.50600545 341.10 1.50

** receptor =B463+1 (sensitive receptor: C422)
DISCCART 406612.498517875 3758387.50109513 338.80 1.50

** receptor =B464+1 (sensitive receptor: C423)
DISCCART 406612.498517875 3758362.50618277 343.30 1.50

** receptor =B465+1 (sensitive receptor: C424)
DISCCART 406612.498517875 3758337.50127244 346.30 1.50

** receptor =B466+1 (sensitive receptor: C425)
DISCCART 406612.498517875 3758312.50636009 349.10 1.50

** receptor =B467+1 (sensitive receptor: C426)
DISCCART 406612.498517875 3758287.50144976 348.60 1.50

** receptor =B468+1 (sensitive receptor: C427)
DISCCART 406612.498517875 3758262.50653741 348.60 1.50

** receptor =B469+1 (sensitive receptor: C428)
DISCCART 406612.498517875 3758237.50162708 347.70 1.50

** receptor =B470+1 (sensitive receptor: C429)
DISCCART 406612.498517875 3758212.50671473 346.40 1.50

** receptor =B471+1 (sensitive receptor: C430)
DISCCART 406612.498517875 3758187.5018044 344.40 1.50

** receptor =B472+1 (sensitive receptor: C431)
DISCCART 406612.498517875 3758162.50689204 344.40 1.50

** receptor =B473+1 (sensitive receptor: C432)
DISCCART 406612.498517875 3758137.50198172 344.40 1.50

** receptor =B474+1 (sensitive receptor: C433)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406637.499917781 3758512.50565081 354.60 1.50
** receptor =B475+1 (sensitive receptor: C434)

DISCCART 406637.499917781 3758487.50074049 350.90 1.50
** receptor =B476+1 (sensitive receptor: C435)

DISCCART 406637.499917781 3758462.50582813 346.00 1.50
** receptor =B477+1 (sensitive receptor: C436)

DISCCART 406637.499917781 3758437.50091781 341.10 1.50
** receptor =B478+1 (sensitive receptor: C437)

DISCCART 406637.499917781 3758412.50600545 342.50 1.50
** receptor =B479+1 (sensitive receptor: C438)

DISCCART 406637.499917781 3758387.50109513 347.00 1.50
** receptor =B480+1 (sensitive receptor: C439)

DISCCART 406637.499917781 3758362.50618277 352.00 1.50
** receptor =B481+1 (sensitive receptor: C440)

DISCCART 406637.499917781 3758337.50127244 356.80 1.50
** receptor =B482+1 (sensitive receptor: C441)

DISCCART 406637.499917781 3758312.50636009 357.10 1.50
** receptor =B483+1 (sensitive receptor: C442)

DISCCART 406637.499917781 3758287.50144976 354.20 1.50
** receptor =B484+1 (sensitive receptor: C443)

DISCCART 406637.499917781 3758262.50653741 352.20 1.50
** receptor =B485+1 (sensitive receptor: C444)

DISCCART 406637.499917781 3758237.50162708 350.20 1.50
** receptor =B486+1 (sensitive receptor: C445)

DISCCART 406637.499917781 3758212.50671473 347.70 1.50
** receptor =B487+1 (sensitive receptor: C446)

DISCCART 406637.499917781 3758187.5018044 346.90 1.50
** receptor =B488+1 (sensitive receptor: C447)

DISCCART 406637.499917781 3758162.50689204 344.40 1.50
** receptor =B489+1 (sensitive receptor: C448)

DISCCART 406637.499917781 3758137.50198172 344.40 1.50
** receptor =B490+1 (sensitive receptor: C449)

DISCCART 406662.501317687 3758512.50565081 357.50 1.50
** receptor =B491+1 (sensitive receptor: C450)

DISCCART 406662.501317687 3758487.50074049 354.30 1.50
** receptor =B492+1 (sensitive receptor: C451)

DISCCART 406662.501317687 3758462.50582813 351.80 1.50
** receptor =B493+1 (sensitive receptor: C452)

DISCCART 406662.501317687 3758437.50091781 352.00 1.50
** receptor =B494+1 (sensitive receptor: C453)

DISCCART 406662.501317687 3758412.50600545 355.20 1.50
** receptor =B495+1 (sensitive receptor: C454)

DISCCART 406662.501317687 3758387.50109513 355.20 1.50
** receptor =B496+1 (sensitive receptor: C455)

DISCCART 406662.501317687 3758362.50618277 358.40 1.50
** receptor =B497+1 (sensitive receptor: C456)

DISCCART 406662.501317687 3758337.50127244 360.80 1.50
** receptor =B498+1 (sensitive receptor: C457)

DISCCART 406662.501317687 3758312.50636009 359.60 1.50
** receptor =B499+1 (sensitive receptor: C458)

DISCCART 406662.501317687 3758287.50144976 357.50 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B500+1 (sensitive receptor: C459)
DISCCART 406662.501317687 3758262.50653741 354.20 1.50

** receptor =B501+1 (sensitive receptor: C460)
DISCCART 406662.501317687 3758237.50162708 351.90 1.50

** receptor =B502+1 (sensitive receptor: C461)
DISCCART 406662.501317687 3758212.50671473 351.00 1.50

** receptor =B503+1 (sensitive receptor: C462)
DISCCART 406662.501317687 3758187.5018044 347.70 1.50

** receptor =B504+1 (sensitive receptor: C463)
DISCCART 406662.501317687 3758162.50689204 347.70 1.50

** receptor =B505+1 (sensitive receptor: C464)
DISCCART 406662.501317687 3758137.50198172 344.40 1.50

** receptor =B506+1 (sensitive receptor: C465)
DISCCART 406687.502717592 3758512.50565081 357.50 1.50

** receptor =B507+1 (sensitive receptor: C466)
DISCCART 406687.502717592 3758487.50074049 357.50 1.50

** receptor =B508+1 (sensitive receptor: C467)
DISCCART 406687.502717592 3758462.50582813 357.50 1.50

** receptor =B509+1 (sensitive receptor: C468)
DISCCART 406687.502717592 3758437.50091781 360.10 1.50

** receptor =B510+1 (sensitive receptor: C469)
DISCCART 406687.502717592 3758412.50600545 360.80 1.50

** receptor =B511+1 (sensitive receptor: C470)
DISCCART 406687.502717592 3758387.50109513 360.10 1.50

** receptor =B512+1 (sensitive receptor: C471)
DISCCART 406687.502717592 3758362.50618277 362.10 1.50

** receptor =B513+1 (sensitive receptor: C472)
DISCCART 406687.502717592 3758337.50127244 363.30 1.50

** receptor =B514+1 (sensitive receptor: C473)
DISCCART 406687.502717592 3758312.50636009 360.80 1.50

** receptor =B515+1 (sensitive receptor: C474)
DISCCART 406687.502717592 3758287.50144976 357.50 1.50

** receptor =B516+1 (sensitive receptor: C475)
DISCCART 406687.502717592 3758262.50653741 355.80 1.50

** receptor =B517+1 (sensitive receptor: C476)
DISCCART 406687.502717592 3758237.50162708 354.20 1.50

** receptor =B518+1 (sensitive receptor: C477)
DISCCART 406687.502717592 3758212.50671473 351.00 1.50

** receptor =B519+1 (sensitive receptor: C478)
DISCCART 406687.502717592 3758187.5018044 350.90 1.50

** receptor =B520+1 (sensitive receptor: C479)
DISCCART 406687.502717592 3758162.50689204 347.70 1.50

** receptor =B521+1 (sensitive receptor: C480)
DISCCART 406687.502717592 3758137.50198172 344.40 1.50

** receptor =B522+1 (sensitive receptor: C481)
DISCCART 406712.495871654 3758512.50565081 357.50 1.50

** receptor =B523+1 (sensitive receptor: C482)
DISCCART 406712.495871654 3758487.50074049 358.50 1.50

** receptor =B524+1 (sensitive receptor: C483)
DISCCART 406712.495871654 3758462.50582813 360.80 1.50

** receptor =B525+1 (sensitive receptor: C484)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART	406712.495871654	3758437.50091781	361.70	1.50
** receptor =B526+1 (sensitive receptor: C485)				
DISCCART	406712.495871654	3758412.50600545	364.10	1.50
** receptor =B527+1 (sensitive receptor: C486)				
DISCCART	406712.495871654	3758387.50109513	364.10	1.50
** receptor =B528+1 (sensitive receptor: C487)				
DISCCART	406712.495871654	3758362.50618277	364.10	1.50
** receptor =B529+1 (sensitive receptor: C488)				
DISCCART	406712.495871654	3758337.50127244	364.00	1.50
** receptor =B530+1 (sensitive receptor: C489)				
DISCCART	406712.495871654	3758312.50636009	360.80	1.50
** receptor =B531+1 (sensitive receptor: C490)				
DISCCART	406712.495871654	3758287.50144976	357.50	1.50
** receptor =B532+1 (sensitive receptor: C491)				
DISCCART	406712.495871654	3758262.50653741	357.50	1.50
** receptor =B533+1 (sensitive receptor: C492)				
DISCCART	406712.495871654	3758237.50162708	354.20	1.50
** receptor =B534+1 (sensitive receptor: C493)				
DISCCART	406712.495871654	3758212.50671473	354.20	1.50
** receptor =B535+1 (sensitive receptor: C494)				
DISCCART	406712.495871654	3758187.5018044	351.00	1.50
** receptor =B536+1 (sensitive receptor: C495)				
DISCCART	406712.495871654	3758162.50689204	348.10	1.50
** receptor =B537+1 (sensitive receptor: C496)				
DISCCART	406712.495871654	3758137.50198172	344.40	1.50
** receptor =B538+1 (sensitive receptor: C497)				
DISCCART	406737.497271559	3758512.50565081	359.20	1.50
** receptor =B539+1 (sensitive receptor: C498)				
DISCCART	406737.497271559	3758487.50074049	360.90	1.50
** receptor =B540+1 (sensitive receptor: C499)				
DISCCART	406737.497271559	3758462.50582813	363.70	1.50
** receptor =B541+1 (sensitive receptor: C500)				
DISCCART	406737.497271559	3758437.50091781	364.10	1.50
** receptor =B542+1 (sensitive receptor: C501)				
DISCCART	406737.497271559	3758412.50600545	365.40	1.50
** receptor =B543+1 (sensitive receptor: C502)				
DISCCART	406737.497271559	3758387.50109513	366.70	1.50
** receptor =B544+1 (sensitive receptor: C503)				
DISCCART	406737.497271559	3758362.50618277	367.40	1.50
** receptor =B545+1 (sensitive receptor: C504)				
DISCCART	406737.497271559	3758337.50127244	364.10	1.50
** receptor =B546+1 (sensitive receptor: C505)				
DISCCART	406737.497271559	3758312.50636009	362.00	1.50
** receptor =B547+1 (sensitive receptor: C506)				
DISCCART	406737.497271559	3758287.50144976	360.80	1.50
** receptor =B548+1 (sensitive receptor: C507)				
DISCCART	406737.497271559	3758262.50653741	357.50	1.50
** receptor =B549+1 (sensitive receptor: C508)				
DISCCART	406737.497271559	3758237.50162708	357.50	1.50
** receptor =B550+1 (sensitive receptor: C509)				
DISCCART	406737.497271559	3758212.50671473	354.20	1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B551+1 (sensitive receptor: C510)
DISCCART 406737.497271559 3758187.5018044 351.00 1.50

** receptor =B552+1 (sensitive receptor: C511)
DISCCART 406737.497271559 3758162.50689204 347.70 1.50

** receptor =B553+1 (sensitive receptor: C512)
DISCCART 406737.497271559 3758137.50198172 344.40 1.50

** receptor =B554+1 (sensitive receptor: C513)
DISCCART 406762.498671465 3758512.50565081 360.80 1.50

** receptor =B555+1 (sensitive receptor: C514)
DISCCART 406762.498671465 3758487.50074049 364.10 1.50

** receptor =B556+1 (sensitive receptor: C515)
DISCCART 406762.498671465 3758462.50582813 365.00 1.50

** receptor =B557+1 (sensitive receptor: C516)
DISCCART 406762.498671465 3758437.50091781 367.40 1.50

** receptor =B558+1 (sensitive receptor: C517)
DISCCART 406762.498671465 3758412.50600545 367.40 1.50

** receptor =B559+1 (sensitive receptor: C518)
DISCCART 406762.498671465 3758387.50109513 367.40 1.50

** receptor =B560+1 (sensitive receptor: C519)
DISCCART 406762.498671465 3758362.50618277 368.30 1.50

** receptor =B561+1 (sensitive receptor: C520)
DISCCART 406762.498671465 3758337.50127244 367.30 1.50

** receptor =B562+1 (sensitive receptor: C521)
DISCCART 406762.498671465 3758312.50636009 364.50 1.50

** receptor =B563+1 (sensitive receptor: C522)
DISCCART 406762.498671465 3758287.50144976 361.70 1.50

** receptor =B564+1 (sensitive receptor: C523)
DISCCART 406762.498671465 3758262.50653741 360.80 1.50

** receptor =B565+1 (sensitive receptor: C524)
DISCCART 406762.498671465 3758237.50162708 357.50 1.50

** receptor =B566+1 (sensitive receptor: C525)
DISCCART 406762.498671465 3758212.50671473 356.30 1.50

** receptor =B567+1 (sensitive receptor: C526)
DISCCART 406762.498671465 3758187.5018044 351.00 1.50

** receptor =B568+1 (sensitive receptor: C527)
DISCCART 406762.498671465 3758162.50689204 347.70 1.50

** receptor =B569+1 (sensitive receptor: C528)
DISCCART 406762.498671465 3758137.50198172 344.40 1.50

** receptor =B570+1 (sensitive receptor: C529)
DISCCART 406787.50007137 3758512.50565081 360.80 1.50

** receptor =B571+1 (sensitive receptor: C530)
DISCCART 406787.50007137 3758487.50074049 364.20 1.50

** receptor =B572+1 (sensitive receptor: C531)
DISCCART 406787.50007137 3758462.50582813 367.40 1.50

** receptor =B573+1 (sensitive receptor: C532)
DISCCART 406787.50007137 3758437.50091781 369.90 1.50

** receptor =B574+1 (sensitive receptor: C533)
DISCCART 406787.50007137 3758412.50600545 370.60 1.50

** receptor =B575+1 (sensitive receptor: C534)
DISCCART 406787.50007137 3758387.50109513 370.70 1.50

** receptor =B576+1 (sensitive receptor: C535)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406787.50007137 3758362.50618277 371.90 1.50
** receptor =B577+1 (sensitive receptor: C536)

DISCCART 406787.50007137 3758337.50127244 369.90 1.50
** receptor =B578+1 (sensitive receptor: C537)

DISCCART 406787.50007137 3758312.50636009 367.40 1.50
** receptor =B579+1 (sensitive receptor: C538)

DISCCART 406787.50007137 3758287.50144976 366.60 1.50
** receptor =B580+1 (sensitive receptor: C539)

DISCCART 406787.50007137 3758262.50653741 362.00 1.50
** receptor =B581+1 (sensitive receptor: C540)

DISCCART 406787.50007137 3758237.50162708 360.70 1.50
** receptor =B582+1 (sensitive receptor: C541)

DISCCART 406787.50007137 3758212.50671473 357.50 1.50
** receptor =B583+1 (sensitive receptor: C542)

DISCCART 406787.50007137 3758187.5018044 351.00 1.50
** receptor =B584+1 (sensitive receptor: C543)

DISCCART 406787.50007137 3758162.50689204 347.70 1.50
** receptor =B585+1 (sensitive receptor: C544)

DISCCART 406787.50007137 3758137.50198172 341.80 1.50
** receptor =B586+1 (sensitive receptor: C545)

DISCCART 406812.501471276 3758512.50565081 363.00 1.50
** receptor =B587+1 (sensitive receptor: C546)

DISCCART 406812.501471276 3758487.50074049 367.40 1.50
** receptor =B588+1 (sensitive receptor: C547)

DISCCART 406812.501471276 3758462.50582813 369.50 1.50
** receptor =B589+1 (sensitive receptor: C548)

DISCCART 406812.501471276 3758437.50091781 371.60 1.50
** receptor =B590+1 (sensitive receptor: C549)

DISCCART 406812.501471276 3758412.50600545 374.40 1.50
** receptor =B591+1 (sensitive receptor: C550)

DISCCART 406812.501471276 3758387.50109513 374.80 1.50
** receptor =B592+1 (sensitive receptor: C551)

DISCCART 406812.501471276 3758362.50618277 374.80 1.50
** receptor =B593+1 (sensitive receptor: C552)

DISCCART 406812.501471276 3758337.50127244 373.90 1.50
** receptor =B594+1 (sensitive receptor: C553)

DISCCART 406812.501471276 3758312.50636009 369.40 1.50
** receptor =B595+1 (sensitive receptor: C554)

DISCCART 406812.501471276 3758287.50144976 367.40 1.50
** receptor =B596+1 (sensitive receptor: C555)

DISCCART 406812.501471276 3758262.50653741 364.50 1.50
** receptor =B597+1 (sensitive receptor: C556)

DISCCART 406812.501471276 3758237.50162708 360.80 1.50
** receptor =B598+1 (sensitive receptor: C557)

DISCCART 406812.501471276 3758212.50671473 357.50 1.50
** receptor =B599+1 (sensitive receptor: C558)

DISCCART 406812.501471276 3758187.5018044 354.20 1.50
** receptor =B600+1 (sensitive receptor: C559)

DISCCART 406812.501471276 3758162.50689204 346.00 1.50
** receptor =B601+1 (sensitive receptor: C560)

DISCCART 406812.501471276 3758137.50198172 341.10 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B602+1 (sensitive receptor: C561)
DISCCART 406837.502871182 3758512.50565081 366.60 1.50

** receptor =B603+1 (sensitive receptor: C562)
DISCCART 406837.502871182 3758487.50074049 367.40 1.50

** receptor =B604+1 (sensitive receptor: C563)
DISCCART 406837.502871182 3758462.50582813 370.60 1.50

** receptor =B605+1 (sensitive receptor: C564)
DISCCART 406837.502871182 3758437.50091781 374.00 1.50

** receptor =B606+1 (sensitive receptor: C565)
DISCCART 406837.502871182 3758412.50600545 378.50 1.50

** receptor =B607+1 (sensitive receptor: C566)
DISCCART 406837.502871182 3758387.50109513 379.80 1.50

** receptor =B608+1 (sensitive receptor: C567)
DISCCART 406837.502871182 3758362.50618277 378.40 1.50

** receptor =B609+1 (sensitive receptor: C568)
DISCCART 406837.502871182 3758337.50127244 377.20 1.50

** receptor =B610+1 (sensitive receptor: C569)
DISCCART 406837.502871182 3758312.50636009 373.50 1.50

** receptor =B611+1 (sensitive receptor: C570)
DISCCART 406837.502871182 3758287.50144976 367.40 1.50

** receptor =B612+1 (sensitive receptor: C571)
DISCCART 406837.502871182 3758262.50653741 362.70 1.50

** receptor =B613+1 (sensitive receptor: C572)
DISCCART 406837.502871182 3758237.50162708 358.20 1.50

** receptor =B614+1 (sensitive receptor: C573)
DISCCART 406837.502871182 3758212.50671473 357.50 1.50

** receptor =B615+1 (sensitive receptor: C574)
DISCCART 406837.502871182 3758187.5018044 354.20 1.50

** receptor =B616+1 (sensitive receptor: C575)
DISCCART 406837.502871182 3758162.50689204 348.50 1.50

** receptor =B617+1 (sensitive receptor: C576)
DISCCART 406837.502871182 3758137.50198172 343.70 1.50

** receptor =B618+1 (sensitive receptor: C577)
DISCCART 406862.496025243 3758512.50565081 368.30 1.50

** receptor =B619+1 (sensitive receptor: C578)
DISCCART 406862.496025243 3758487.50074049 370.70 1.50

** receptor =B620+1 (sensitive receptor: C579)
DISCCART 406862.496025243 3758462.50582813 373.90 1.50

** receptor =B621+1 (sensitive receptor: C580)
DISCCART 406862.496025243 3758437.50091781 377.20 1.50

** receptor =B622+1 (sensitive receptor: C581)
DISCCART 406862.496025243 3758412.50600545 380.50 1.50

** receptor =B623+1 (sensitive receptor: C582)
DISCCART 406862.496025243 3758387.50109513 381.40 1.50

** receptor =B624+1 (sensitive receptor: C583)
DISCCART 406862.496025243 3758362.50618277 380.50 1.50

** receptor =B625+1 (sensitive receptor: C584)
DISCCART 406862.496025243 3758337.50127244 380.40 1.50

** receptor =B626+1 (sensitive receptor: C585)
DISCCART 406862.496025243 3758312.50636009 375.50 1.50

** receptor =B627+1 (sensitive receptor: C586)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406862.496025243 3758287.50144976 364.00 1.50
 ** receptor =B628+1 (sensitive receptor: C587)

DISCCART 406862.496025243 3758262.50653741 358.60 1.50
 ** receptor =B629+1 (sensitive receptor: C588)

DISCCART 406862.496025243 3758237.50162708 358.40 1.50
 ** receptor =B630+1 (sensitive receptor: C589)

DISCCART 406862.496025243 3758212.50671473 358.40 1.50
 ** receptor =B631+1 (sensitive receptor: C590)

DISCCART 406862.496025243 3758187.5018044 357.50 1.50
 ** receptor =B632+1 (sensitive receptor: C591)

DISCCART 406862.496025243 3758162.50689204 357.50 1.50
 ** receptor =B633+1 (sensitive receptor: C592)

DISCCART 406862.496025243 3758137.50198172 355.20 1.50
 ** receptor =B634+1 (sensitive receptor: C593)

DISCCART 406887.497425149 3758512.50565081 373.20 1.50
 ** receptor =B635+1 (sensitive receptor: C594)

DISCCART 406887.497425149 3758487.50074049 373.90 1.50
 ** receptor =B636+1 (sensitive receptor: C595)

DISCCART 406887.497425149 3758462.50582813 375.30 1.50
 ** receptor =B637+1 (sensitive receptor: C596)

DISCCART 406887.497425149 3758437.50091781 379.80 1.50
 ** receptor =B638+1 (sensitive receptor: C597)

DISCCART 406887.497425149 3758412.50600545 381.80 1.50
 ** receptor =B639+1 (sensitive receptor: C598)

DISCCART 406887.497425149 3758387.50109513 383.80 1.50
 ** receptor =B640+1 (sensitive receptor: C599)

DISCCART 406887.497425149 3758362.50618277 383.40 1.50
 ** receptor =B641+1 (sensitive receptor: C600)

DISCCART 406887.497425149 3758337.50127244 380.50 1.50
 ** receptor =B642+1 (sensitive receptor: C601)

DISCCART 406887.497425149 3758312.50636009 370.50 1.50
 ** receptor =B643+1 (sensitive receptor: C602)

DISCCART 406887.497425149 3758287.50144976 358.20 1.50
 ** receptor =B644+1 (sensitive receptor: C603)

DISCCART 406887.497425149 3758262.50653741 360.10 1.50
 ** receptor =B645+1 (sensitive receptor: C604)

DISCCART 406887.497425149 3758237.50162708 363.40 1.50
 ** receptor =B646+1 (sensitive receptor: C605)

DISCCART 406887.497425149 3758212.50671473 366.60 1.50
 ** receptor =B647+1 (sensitive receptor: C606)

DISCCART 406887.497425149 3758187.5018044 365.90 1.50
 ** receptor =B648+1 (sensitive receptor: C607)

DISCCART 406887.497425149 3758162.50689204 365.90 1.50
 ** receptor =B649+1 (sensitive receptor: C608)

DISCCART 406887.497425149 3758137.50198172 366.60 1.50
 ** receptor =B650+1 (sensitive receptor: C609)

DISCCART 406912.498825054 3758512.50565081 376.10 1.50
 ** receptor =B651+1 (sensitive receptor: C610)

DISCCART 406912.498825054 3758487.50074049 377.20 1.50
 ** receptor =B652+1 (sensitive receptor: C611)

DISCCART 406912.498825054 3758462.50582813 377.20 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B653+1 (sensitive receptor: C612)
DISCCART 406912.498825054 3758437.50091781 380.50 1.50

** receptor =B654+1 (sensitive receptor: C613)
DISCCART 406912.498825054 3758412.50600545 385.50 1.50

** receptor =B655+1 (sensitive receptor: C614)
DISCCART 406912.498825054 3758387.50109513 387.00 1.50

** receptor =B656+1 (sensitive receptor: C615)
DISCCART 406912.498825054 3758362.50618277 383.80 1.50

** receptor =B657+1 (sensitive receptor: C616)
DISCCART 406912.498825054 3758337.50127244 380.40 1.50

** receptor =B658+1 (sensitive receptor: C617)
DISCCART 406912.498825054 3758312.50636009 366.30 1.50

** receptor =B659+1 (sensitive receptor: C618)
DISCCART 406912.498825054 3758287.50144976 357.60 1.50

** receptor =B660+1 (sensitive receptor: C619)
DISCCART 406912.498825054 3758262.50653741 367.20 1.50

** receptor =B661+1 (sensitive receptor: C620)
DISCCART 406912.498825054 3758237.50162708 375.80 1.50

** receptor =B662+1 (sensitive receptor: C621)
DISCCART 406912.498825054 3758212.50671473 376.90 1.50

** receptor =B663+1 (sensitive receptor: C622)
DISCCART 406912.498825054 3758187.5018044 375.80 1.50

** receptor =B664+1 (sensitive receptor: C623)
DISCCART 406912.498825054 3758162.50689204 375.80 1.50

** receptor =B665+1 (sensitive receptor: C624)
DISCCART 406912.498825054 3758137.50198172 375.80 1.50

** receptor =B666+1 (sensitive receptor: C625)
DISCCART 406937.50022496 3758512.50565081 380.50 1.50

** receptor =B667+1 (sensitive receptor: C626)
DISCCART 406937.50022496 3758487.50074049 380.50 1.50

** receptor =B668+1 (sensitive receptor: C627)
DISCCART 406937.50022496 3758462.50582813 380.10 1.50

** receptor =B669+1 (sensitive receptor: C628)
DISCCART 406937.50022496 3758437.50091781 380.60 1.50

** receptor =B670+1 (sensitive receptor: C629)
DISCCART 406937.50022496 3758412.50600545 386.70 1.50

** receptor =B671+1 (sensitive receptor: C630)
DISCCART 406937.50022496 3758387.50109513 387.00 1.50

** receptor =B672+1 (sensitive receptor: C631)
DISCCART 406937.50022496 3758362.50618277 383.80 1.50

** receptor =B673+1 (sensitive receptor: C632)
DISCCART 406937.50022496 3758337.50127244 377.80 1.50

** receptor =B674+1 (sensitive receptor: C633)
DISCCART 406937.50022496 3758312.50636009 367.00 1.50

** receptor =B675+1 (sensitive receptor: C634)
DISCCART 406937.50022496 3758287.50144976 371.90 1.50

** receptor =B676+1 (sensitive receptor: C635)
DISCCART 406937.50022496 3758262.50653741 381.10 1.50

** receptor =B677+1 (sensitive receptor: C636)
DISCCART 406937.50022496 3758237.50162708 389.70 1.50

** receptor =B678+1 (sensitive receptor: C637)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406937.50022496 3758212.50671473 392.20 1.50
** receptor =B679+1 (sensitive receptor: C638)
DISCCART 406937.50022496 3758187.5018044 392.20 1.50
** receptor =B680+1 (sensitive receptor: C639)
DISCCART 406937.50022496 3758162.50689204 390.10 1.50
** receptor =B681+1 (sensitive receptor: C640)
DISCCART 406937.50022496 3758137.50198172 386.30 1.50
** receptor =B682+1 (sensitive receptor: C641)
DISCCART 406962.501624865 3758512.50565081 388.90 1.50
** receptor =B683+1 (sensitive receptor: C642)
DISCCART 406962.501624865 3758487.50074049 388.90 1.50
** receptor =B684+1 (sensitive receptor: C643)
DISCCART 406962.501624865 3758462.50582813 388.90 1.50
** receptor =B685+1 (sensitive receptor: C644)
DISCCART 406962.501624865 3758437.50091781 388.00 1.50
** receptor =B686+1 (sensitive receptor: C645)
DISCCART 406962.501624865 3758412.50600545 391.20 1.50
** receptor =B687+1 (sensitive receptor: C646)
DISCCART 406962.501624865 3758387.50109513 390.20 1.50
** receptor =B688+1 (sensitive receptor: C647)
DISCCART 406962.501624865 3758362.50618277 381.60 1.50
** receptor =B689+1 (sensitive receptor: C648)
DISCCART 406962.501624865 3758337.50127244 377.10 1.50
** receptor =B690+1 (sensitive receptor: C649)
DISCCART 406962.501624865 3758312.50636009 377.80 1.50
** receptor =B691+1 (sensitive receptor: C650)
DISCCART 406962.501624865 3758287.50144976 384.80 1.50
** receptor =B692+1 (sensitive receptor: C651)
DISCCART 406962.501624865 3758262.50653741 397.20 1.50
** receptor =B693+1 (sensitive receptor: C652)
DISCCART 406962.501624865 3758237.50162708 401.10 1.50
** receptor =B694+1 (sensitive receptor: C653)
DISCCART 406962.501624865 3758212.50671473 402.20 1.50
** receptor =B695+1 (sensitive receptor: C654)
DISCCART 406962.501624865 3758187.5018044 403.40 1.50
** receptor =B696+1 (sensitive receptor: C655)
DISCCART 406962.501624865 3758162.50689204 398.40 1.50
** receptor =B697+1 (sensitive receptor: C656)
DISCCART 406962.501624865 3758137.50198172 390.20 1.50
** receptor =B698+1 (sensitive receptor: C657)
DISCCART 406987.503024771 3758512.50565081 399.10 1.50
** receptor =B699+1 (sensitive receptor: C658)
DISCCART 406987.503024771 3758487.50074049 399.40 1.50
** receptor =B700+1 (sensitive receptor: C659)
DISCCART 406987.503024771 3758462.50582813 396.20 1.50
** receptor =B701+1 (sensitive receptor: C660)
DISCCART 406987.503024771 3758437.50091781 396.20 1.50
** receptor =B702+1 (sensitive receptor: C661)
DISCCART 406987.503024771 3758412.50600545 394.80 1.50
** receptor =B703+1 (sensitive receptor: C662)
DISCCART 406987.503024771 3758387.50109513 390.20 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B704+1 (sensitive receptor: C663)
DISCCART 406987.503024771 3758362.50618277 380.50 1.50

** receptor =B705+1 (sensitive receptor: C664)
DISCCART 406987.503024771 3758337.50127244 377.20 1.50

** receptor =B706+1 (sensitive receptor: C665)
DISCCART 406987.503024771 3758312.50636009 378.90 1.50

** receptor =B707+1 (sensitive receptor: C666)
DISCCART 406987.503024771 3758287.50144976 390.50 1.50

** receptor =B708+1 (sensitive receptor: C667)
DISCCART 406987.503024771 3758262.50653741 403.10 1.50

** receptor =B709+1 (sensitive receptor: C668)
DISCCART 406987.503024771 3758237.50162708 403.40 1.50

** receptor =B710+1 (sensitive receptor: C669)
DISCCART 406987.503024771 3758212.50671473 403.80 1.50

** receptor =B711+1 (sensitive receptor: C670)
DISCCART 406987.503024771 3758187.5018044 400.80 1.50

** receptor =B712+1 (sensitive receptor: C671)
DISCCART 406987.503024771 3758162.50689204 391.30 1.50

** receptor =B713+1 (sensitive receptor: C672)
DISCCART 406987.503024771 3758137.50198172 381.10 1.50

** receptor =B714+1 (sensitive receptor: C673)
DISCCART 407012.504424677 3758512.50565081 403.40 1.50

** receptor =B715+1 (sensitive receptor: C674)
DISCCART 407012.504424677 3758487.50074049 403.40 1.50

** receptor =B716+1 (sensitive receptor: C675)
DISCCART 407012.504424677 3758462.50582813 403.40 1.50

** receptor =B717+1 (sensitive receptor: C676)
DISCCART 407012.504424677 3758437.50091781 401.10 1.50

** receptor =B718+1 (sensitive receptor: C677)
DISCCART 407012.504424677 3758412.50600545 398.40 1.50

** receptor =B719+1 (sensitive receptor: C678)
DISCCART 407012.504424677 3758387.50109513 393.50 1.50

** receptor =B720+1 (sensitive receptor: C679)
DISCCART 407012.504424677 3758362.50618277 387.70 1.50

** receptor =B721+1 (sensitive receptor: C680)
DISCCART 407012.504424677 3758337.50127244 388.90 1.50

** receptor =B722+1 (sensitive receptor: C681)
DISCCART 407012.504424677 3758312.50636009 388.90 1.50

** receptor =B723+1 (sensitive receptor: C682)
DISCCART 407012.504424677 3758287.50144976 397.90 1.50

** receptor =B724+1 (sensitive receptor: C683)
DISCCART 407012.504424677 3758262.50653741 402.50 1.50

** receptor =B725+1 (sensitive receptor: C684)
DISCCART 407012.504424677 3758237.50162708 400.20 1.50

** receptor =B726+1 (sensitive receptor: C685)
DISCCART 407012.504424677 3758212.50671473 398.40 1.50

** receptor =B727+1 (sensitive receptor: C686)
DISCCART 407012.504424677 3758187.5018044 390.20 1.50

** receptor =B728+1 (sensitive receptor: C687)
DISCCART 407012.504424677 3758162.50689204 379.30 1.50

** receptor =B729+1 (sensitive receptor: C688)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 407012.504424677 3758137.50198172 379.00 1.50
 ** receptor =B730+1 (sensitive receptor: C689)
 DISCCART 407037.497578738 3758512.50565081 404.80 1.50
 ** receptor =B731+1 (sensitive receptor: C690)
 DISCCART 407037.497578738 3758487.50074049 406.70 1.50
 ** receptor =B732+1 (sensitive receptor: C691)
 DISCCART 407037.497578738 3758462.50582813 406.30 1.50
 ** receptor =B733+1 (sensitive receptor: C692)
 DISCCART 407037.497578738 3758437.50091781 405.90 1.50
 ** receptor =B734+1 (sensitive receptor: C693)
 DISCCART 407037.497578738 3758412.50600545 403.10 1.50
 ** receptor =B735+1 (sensitive receptor: C694)
 DISCCART 407037.497578738 3758387.50109513 399.40 1.50
 ** receptor =B736+1 (sensitive receptor: C695)
 DISCCART 407037.497578738 3758362.50618277 399.40 1.50
 ** receptor =B737+1 (sensitive receptor: C696)
 DISCCART 407037.497578738 3758337.50127244 402.70 1.50
 ** receptor =B738+1 (sensitive receptor: C697)
 DISCCART 407037.497578738 3758312.50636009 402.70 1.50
 ** receptor =B739+1 (sensitive receptor: C698)
 DISCCART 407037.497578738 3758287.50144976 402.70 1.50
 ** receptor =B740+1 (sensitive receptor: C699)
 DISCCART 407037.497578738 3758262.50653741 400.20 1.50
 ** receptor =B741+1 (sensitive receptor: C700)
 DISCCART 407037.497578738 3758237.50162708 397.60 1.50
 ** receptor =B742+1 (sensitive receptor: C701)
 DISCCART 407037.497578738 3758212.50671473 396.50 1.50
 ** receptor =B743+1 (sensitive receptor: C702)
 DISCCART 407037.497578738 3758187.5018044 398.00 1.50
 ** receptor =B744+1 (sensitive receptor: C703)
 DISCCART 407037.497578738 3758162.50689204 398.70 1.50
 ** receptor =B745+1 (sensitive receptor: C704)
 DISCCART 407037.497578738 3758137.50198172 398.70 1.50
 ** receptor =B746+1 (sensitive receptor: C705)
 DISCCART 407062.498978644 3758512.50565081 406.10 1.50
 ** receptor =B747+1 (sensitive receptor: C706)
 DISCCART 407062.498978644 3758487.50074049 410.90 1.50
 ** receptor =B748+1 (sensitive receptor: C707)
 DISCCART 407062.498978644 3758462.50582813 410.90 1.50
 ** receptor =B749+1 (sensitive receptor: C708)
 DISCCART 407062.498978644 3758437.50091781 410.80 1.50
 ** receptor =B750+1 (sensitive receptor: C709)
 DISCCART 407062.498978644 3758412.50600545 407.60 1.50
 ** receptor =B751+1 (sensitive receptor: C710)
 DISCCART 407062.498978644 3758387.50109513 404.40 1.50
 ** receptor =B752+1 (sensitive receptor: C711)
 DISCCART 407062.498978644 3758362.50618277 404.40 1.50
 ** receptor =B753+1 (sensitive receptor: C712)
 DISCCART 407062.498978644 3758337.50127244 406.70 1.50
 ** receptor =B754+1 (sensitive receptor: C713)
 DISCCART 407062.498978644 3758312.50636009 406.70 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B755+1 (sensitive receptor: C714)
DISCCART 407062.498978644 3758287.50144976 404.30 1.50

** receptor =B756+1 (sensitive receptor: C715)
DISCCART 407062.498978644 3758262.50653741 402.20 1.50

** receptor =B757+1 (sensitive receptor: C716)
DISCCART 407062.498978644 3758237.50162708 400.20 1.50

** receptor =B758+1 (sensitive receptor: C717)
DISCCART 407062.498978644 3758212.50671473 402.30 1.50

** receptor =B759+1 (sensitive receptor: C718)
DISCCART 407062.498978644 3758187.5018044 403.40 1.50

** receptor =B760+1 (sensitive receptor: C719)
DISCCART 407062.498978644 3758162.50689204 403.40 1.50

** receptor =B761+1 (sensitive receptor: C720)
DISCCART 407062.498978644 3758137.50198172 403.40 1.50

** receptor =B762+1 (sensitive receptor: C721)
DISCCART 407087.500378549 3758512.50565081 414.30 1.50

** receptor =B763+1 (sensitive receptor: C722)
DISCCART 407087.500378549 3758487.50074049 416.60 1.50

** receptor =B764+1 (sensitive receptor: C723)
DISCCART 407087.500378549 3758462.50582813 419.10 1.50

** receptor =B765+1 (sensitive receptor: C724)
DISCCART 407087.500378549 3758437.50091781 416.50 1.50

** receptor =B766+1 (sensitive receptor: C725)
DISCCART 407087.500378549 3758412.50600545 414.50 1.50

** receptor =B767+1 (sensitive receptor: C726)
DISCCART 407087.500378549 3758387.50109513 412.60 1.50

** receptor =B768+1 (sensitive receptor: C727)
DISCCART 407087.500378549 3758362.50618277 412.60 1.50

** receptor =B769+1 (sensitive receptor: C728)
DISCCART 407087.500378549 3758337.50127244 412.60 1.50

** receptor =B770+1 (sensitive receptor: C729)
DISCCART 407087.500378549 3758312.50636009 412.60 1.50

** receptor =B771+1 (sensitive receptor: C730)
DISCCART 407087.500378549 3758287.50144976 412.50 1.50

** receptor =B772+1 (sensitive receptor: C731)
DISCCART 407087.500378549 3758262.50653741 409.30 1.50

** receptor =B773+1 (sensitive receptor: C732)
DISCCART 407087.500378549 3758237.50162708 406.00 1.50

** receptor =B774+1 (sensitive receptor: C733)
DISCCART 407087.500378549 3758212.50671473 406.00 1.50

** receptor =B775+1 (sensitive receptor: C734)
DISCCART 407087.500378549 3758187.5018044 406.70 1.50

** receptor =B776+1 (sensitive receptor: C735)
DISCCART 407087.500378549 3758162.50689204 406.70 1.50

** receptor =B777+1 (sensitive receptor: C736)
DISCCART 407087.500378549 3758137.50198172 406.70 1.50

** receptor =B778+1 (sensitive receptor: C737)
DISCCART 407112.501778455 3758512.50565081 419.20 1.50

** receptor =B779+1 (sensitive receptor: C738)
DISCCART 407112.501778455 3758487.50074049 424.00 1.50

** receptor =B780+1 (sensitive receptor: C739)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 407112.501778455 3758462.50582813 424.00 1.50
** receptor =B781+1 (sensitive receptor: C740)

DISCCART 407112.501778455 3758437.50091781 424.00 1.50
** receptor =B782+1 (sensitive receptor: C741)

DISCCART 407112.501778455 3758412.50600545 420.30 1.50
** receptor =B783+1 (sensitive receptor: C742)

DISCCART 407112.501778455 3758387.50109513 416.60 1.50
** receptor =B784+1 (sensitive receptor: C743)

DISCCART 407112.501778455 3758362.50618277 416.60 1.50
** receptor =B785+1 (sensitive receptor: C744)

DISCCART 407112.501778455 3758337.50127244 416.60 1.50
** receptor =B786+1 (sensitive receptor: C745)

DISCCART 407112.501778455 3758312.50636009 417.00 1.50
** receptor =B787+1 (sensitive receptor: C746)

DISCCART 407112.501778455 3758287.50144976 417.50 1.50
** receptor =B788+1 (sensitive receptor: C747)

DISCCART 407112.501778455 3758262.50653741 417.00 1.50
** receptor =B789+1 (sensitive receptor: C748)

DISCCART 407112.501778455 3758237.50162708 414.20 1.50
** receptor =B790+1 (sensitive receptor: C749)

DISCCART 407112.501778455 3758212.50671473 413.70 1.50
** receptor =B791+1 (sensitive receptor: C750)

DISCCART 407112.501778455 3758187.5018044 413.30 1.50
** receptor =B792+1 (sensitive receptor: C751)

DISCCART 407112.501778455 3758162.50689204 410.90 1.50
** receptor =B793+1 (sensitive receptor: C752)

DISCCART 407112.501778455 3758137.50198172 407.50 1.50
** receptor =B794+1 (sensitive receptor: C753)

DISCCART 407137.50317836 3758512.50565081 427.40 1.50
** receptor =B795+1 (sensitive receptor: C754)

DISCCART 407137.50317836 3758487.50074049 434.90 1.50
** receptor =B796+1 (sensitive receptor: C755)

DISCCART 407137.50317836 3758462.50582813 435.20 1.50
** receptor =B797+1 (sensitive receptor: C756)

DISCCART 407137.50317836 3758437.50091781 429.00 1.50
** receptor =B798+1 (sensitive receptor: C757)

DISCCART 407137.50317836 3758412.50600545 426.00 1.50
** receptor =B799+1 (sensitive receptor: C758)

DISCCART 407137.50317836 3758387.50109513 422.30 1.50
** receptor =B800+1 (sensitive receptor: C759)

DISCCART 407137.50317836 3758362.50618277 419.80 1.50
** receptor =B801+1 (sensitive receptor: C760)

DISCCART 407137.50317836 3758337.50127244 422.40 1.50
** receptor =B802+1 (sensitive receptor: C761)

DISCCART 407137.50317836 3758312.50636009 422.40 1.50
** receptor =B803+1 (sensitive receptor: C762)

DISCCART 407137.50317836 3758287.50144976 425.70 1.50
** receptor =B804+1 (sensitive receptor: C763)

DISCCART 407137.50317836 3758262.50653741 422.70 1.50
** receptor =B805+1 (sensitive receptor: C764)

DISCCART 407137.50317836 3758237.50162708 422.30 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B806+1 (sensitive receptor: C765)
DISCCART 407137.50317836 3758212.50671473 417.80 1.50

** receptor =B807+1 (sensitive receptor: C766)
DISCCART 407137.50317836 3758187.5018044 419.10 1.50

** receptor =B808+1 (sensitive receptor: C767)
DISCCART 407137.50317836 3758162.50689204 419.10 1.50

** receptor =B809+1 (sensitive receptor: C768)
DISCCART 407137.50317836 3758137.50198172 415.70 1.50

** receptor =B810+1 (sensitive receptor: C769)
DISCCART 407162.496332422 3758512.50565081 434.40 1.50

** receptor =B811+1 (sensitive receptor: C770)
DISCCART 407162.496332422 3758487.50074049 441.60 1.50

** receptor =B812+1 (sensitive receptor: C771)
DISCCART 407162.496332422 3758462.50582813 446.20 1.50

** receptor =B813+1 (sensitive receptor: C772)
DISCCART 407162.496332422 3758437.50091781 437.10 1.50

** receptor =B814+1 (sensitive receptor: C773)
DISCCART 407162.496332422 3758412.50600545 432.20 1.50

** receptor =B815+1 (sensitive receptor: C774)
DISCCART 407162.496332422 3758387.50109513 430.50 1.50

** receptor =B816+1 (sensitive receptor: C775)
DISCCART 407162.496332422 3758362.50618277 427.30 1.50

** receptor =B817+1 (sensitive receptor: C776)
DISCCART 407162.496332422 3758337.50127244 427.30 1.50

** receptor =B818+1 (sensitive receptor: C777)
DISCCART 407162.496332422 3758312.50636009 430.60 1.50

** receptor =B819+1 (sensitive receptor: C778)
DISCCART 407162.496332422 3758287.50144976 430.60 1.50

** receptor =B820+1 (sensitive receptor: C779)
DISCCART 407162.496332422 3758262.50653741 430.60 1.50

** receptor =B821+1 (sensitive receptor: C780)
DISCCART 407162.496332422 3758237.50162708 431.50 1.50

** receptor =B822+1 (sensitive receptor: C781)
DISCCART 407162.496332422 3758212.50671473 432.00 1.50

** receptor =B823+1 (sensitive receptor: C782)
DISCCART 407162.496332422 3758187.5018044 432.40 1.50

** receptor =B824+1 (sensitive receptor: C783)
DISCCART 407162.496332422 3758162.50689204 431.50 1.50

** receptor =B825+1 (sensitive receptor: C784)
DISCCART 407162.496332422 3758137.50198172 424.90 1.50

** receptor =B826+1 (sensitive receptor: C785)
DISCCART 407187.497732327 3758512.50565081 459.60 1.50

** receptor =B827+1 (sensitive receptor: C786)
DISCCART 407187.497732327 3758487.50074049 465.00 1.50

** receptor =B828+1 (sensitive receptor: C787)
DISCCART 407187.497732327 3758462.50582813 457.10 1.50

** receptor =B829+1 (sensitive receptor: C788)
DISCCART 407187.497732327 3758437.50091781 447.90 1.50

** receptor =B830+1 (sensitive receptor: C789)
DISCCART 407187.497732327 3758412.50600545 439.10 1.50

** receptor =B831+1 (sensitive receptor: C790)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 407187.497732327 3758387.50109513 435.50 1.50
** receptor =B832+1 (sensitive receptor: C791)

DISCCART 407187.497732327 3758362.50618277 435.50 1.50
** receptor =B833+1 (sensitive receptor: C792)

DISCCART 407187.497732327 3758337.50127244 435.50 1.50
** receptor =B834+1 (sensitive receptor: C793)

DISCCART 407187.497732327 3758312.50636009 435.90 1.50
** receptor =B835+1 (sensitive receptor: C794)

DISCCART 407187.497732327 3758287.50144976 438.80 1.50
** receptor =B836+1 (sensitive receptor: C795)

DISCCART 407187.497732327 3758262.50653741 439.20 1.50
** receptor =B837+1 (sensitive receptor: C796)

DISCCART 407187.497732327 3758237.50162708 442.10 1.50
** receptor =B838+1 (sensitive receptor: C797)

DISCCART 407187.497732327 3758212.50671473 446.70 1.50
** receptor =B839+1 (sensitive receptor: C798)

DISCCART 407187.497732327 3758187.5018044 451.20 1.50
** receptor =B840+1 (sensitive receptor: C799)

DISCCART 407187.497732327 3758162.50689204 449.10 1.50
** receptor =B841+1 (sensitive receptor: C800)

DISCCART 407187.497732327 3758137.50198172 441.30 1.50
** receptor =B842+1 (sensitive receptor: C801)

DISCCART 407212.499132233 3758512.50565081 465.80 1.50
** receptor =B843+1 (sensitive receptor: C802)

DISCCART 407212.499132233 3758487.50074049 466.70 1.50
** receptor =B844+1 (sensitive receptor: C803)

DISCCART 407212.499132233 3758462.50582813 462.90 1.50
** receptor =B845+1 (sensitive receptor: C804)

DISCCART 407212.499132233 3758437.50091781 462.40 1.50
** receptor =B846+1 (sensitive receptor: C805)

DISCCART 407212.499132233 3758412.50600545 451.90 1.50
** receptor =B847+1 (sensitive receptor: C806)

DISCCART 407212.499132233 3758387.50109513 443.70 1.50
** receptor =B848+1 (sensitive receptor: C807)

DISCCART 407212.499132233 3758362.50618277 443.20 1.50
** receptor =B849+1 (sensitive receptor: C808)

DISCCART 407212.499132233 3758337.50127244 442.80 1.50
** receptor =B850+1 (sensitive receptor: C809)

DISCCART 407212.499132233 3758312.50636009 443.20 1.50
** receptor =B851+1 (sensitive receptor: C810)

DISCCART 407212.499132233 3758287.50144976 443.70 1.50
** receptor =B852+1 (sensitive receptor: C811)

DISCCART 407212.499132233 3758262.50653741 446.60 1.50
** receptor =B853+1 (sensitive receptor: C812)

DISCCART 407212.499132233 3758237.50162708 449.50 1.50
** receptor =B854+1 (sensitive receptor: C813)

DISCCART 407212.499132233 3758212.50671473 458.60 1.50
** receptor =B855+1 (sensitive receptor: C814)

DISCCART 407212.499132233 3758187.5018044 462.50 1.50
** receptor =B856+1 (sensitive receptor: C815)

DISCCART 407212.499132233 3758162.50689204 460.80 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B857+1 (sensitive receptor: C816)
DISCCART 407212.499132233 3758137.50198172 449.20 1.50

** receptor =B858+1 (sensitive receptor: C817)
DISCCART 407237.500532139 3758512.50565081 469.00 1.50

** receptor =B859+1 (sensitive receptor: C818)
DISCCART 407237.500532139 3758487.50074049 471.60 1.50

** receptor =B860+1 (sensitive receptor: C819)
DISCCART 407237.500532139 3758462.50582813 471.30 1.50

** receptor =B861+1 (sensitive receptor: C820)
DISCCART 407237.500532139 3758437.50091781 468.30 1.50

** receptor =B862+1 (sensitive receptor: C821)
DISCCART 407237.500532139 3758412.50600545 460.10 1.50

** receptor =B863+1 (sensitive receptor: C822)
DISCCART 407237.500532139 3758387.50109513 451.90 1.50

** receptor =B864+1 (sensitive receptor: C823)
DISCCART 407237.500532139 3758362.50618277 448.60 1.50

** receptor =B865+1 (sensitive receptor: C824)
DISCCART 407237.500532139 3758337.50127244 448.60 1.50

** receptor =B866+1 (sensitive receptor: C825)
DISCCART 407237.500532139 3758312.50636009 450.00 1.50

** receptor =B867+1 (sensitive receptor: C826)
DISCCART 407237.500532139 3758287.50144976 451.90 1.50

** receptor =B868+1 (sensitive receptor: C827)
DISCCART 407237.500532139 3758262.50653741 452.30 1.50

** receptor =B869+1 (sensitive receptor: C828)
DISCCART 407237.500532139 3758237.50162708 452.70 1.50

** receptor =B870+1 (sensitive receptor: C829)
DISCCART 407237.500532139 3758212.50671473 459.60 1.50

** receptor =B871+1 (sensitive receptor: C830)
DISCCART 407237.500532139 3758187.5018044 459.90 1.50

** receptor =B872+1 (sensitive receptor: C831)
DISCCART 407237.500532139 3758162.50689204 454.90 1.50

** receptor =B873+1 (sensitive receptor: C832)
DISCCART 407237.500532139 3758137.50198172 446.70 1.50

** receptor =B874+1 (sensitive receptor: C833)
DISCCART 407262.501932044 3758512.50565081 473.20 1.50

** receptor =B875+1 (sensitive receptor: C834)
DISCCART 407262.501932044 3758487.50074049 475.60 1.50

** receptor =B876+1 (sensitive receptor: C835)
DISCCART 407262.501932044 3758462.50582813 476.10 1.50

** receptor =B877+1 (sensitive receptor: C836)
DISCCART 407262.501932044 3758437.50091781 479.90 1.50

** receptor =B878+1 (sensitive receptor: C837)
DISCCART 407262.501932044 3758412.50600545 475.10 1.50

** receptor =B879+1 (sensitive receptor: C838)
DISCCART 407262.501932044 3758387.50109513 459.10 1.50

** receptor =B880+1 (sensitive receptor: C839)
DISCCART 407262.501932044 3758362.50618277 453.60 1.50

** receptor =B881+1 (sensitive receptor: C840)
DISCCART 407262.501932044 3758337.50127244 453.60 1.50

** receptor =B882+1 (sensitive receptor: C841)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 407262.501932044 3758312.50636009 456.80 1.50
** receptor =B883+1 (sensitive receptor: C842)

DISCCART 407262.501932044 3758287.50144976 456.90 1.50
** receptor =B884+1 (sensitive receptor: C843)

DISCCART 407262.501932044 3758262.50653741 459.20 1.50
** receptor =B885+1 (sensitive receptor: C844)

DISCCART 407262.501932044 3758237.50162708 456.80 1.50
** receptor =B886+1 (sensitive receptor: C845)

DISCCART 407262.501932044 3758212.50671473 453.80 1.50
** receptor =B887+1 (sensitive receptor: C846)

DISCCART 407262.501932044 3758187.5018044 451.70 1.50
** receptor =B888+1 (sensitive receptor: C847)

DISCCART 407262.501932044 3758162.50689204 448.30 1.50
** receptor =B889+1 (sensitive receptor: C848)

DISCCART 407262.501932044 3758137.50198172 441.80 1.50
** receptor =B890+1 (sensitive receptor: C849)

DISCCART 407287.50333195 3758512.50565081 479.90 1.50
** receptor =B891+1 (sensitive receptor: C850)

DISCCART 407287.50333195 3758487.50074049 478.20 1.50
** receptor =B892+1 (sensitive receptor: C851)

DISCCART 407287.50333195 3758462.50582813 481.80 1.50
** receptor =B893+1 (sensitive receptor: C852)

DISCCART 407287.50333195 3758437.50091781 484.70 1.50
** receptor =B894+1 (sensitive receptor: C853)

DISCCART 407287.50333195 3758412.50600545 481.80 1.50
** receptor =B895+1 (sensitive receptor: C854)

DISCCART 407287.50333195 3758387.50109513 467.40 1.50
** receptor =B896+1 (sensitive receptor: C855)

DISCCART 407287.50333195 3758362.50618277 457.10 1.50
** receptor =B897+1 (sensitive receptor: C856)

DISCCART 407287.50333195 3758337.50127244 459.20 1.50
** receptor =B898+1 (sensitive receptor: C857)

DISCCART 407287.50333195 3758312.50636009 461.80 1.50
** receptor =B899+1 (sensitive receptor: C858)

DISCCART 407287.50333195 3758287.50144976 462.50 1.50
** receptor =B900+1 (sensitive receptor: C859)

DISCCART 407287.50333195 3758262.50653741 462.50 1.50
** receptor =B901+1 (sensitive receptor: C860)

DISCCART 407287.50333195 3758237.50162708 455.90 1.50
** receptor =B902+1 (sensitive receptor: C861)

DISCCART 407287.50333195 3758212.50671473 445.80 1.50
** receptor =B903+1 (sensitive receptor: C862)

DISCCART 407287.50333195 3758187.5018044 443.60 1.50
** receptor =B904+1 (sensitive receptor: C863)

DISCCART 407287.50333195 3758162.50689204 445.70 1.50
** receptor =B905+1 (sensitive receptor: C864)

DISCCART 407287.50333195 3758137.50198172 439.50 1.50
** receptor =B906+1 (sensitive receptor: C865)

DISCCART 407312.496486011 3758512.50565081 492.30 1.50
** receptor =B907+1 (sensitive receptor: C866)

DISCCART 407312.496486011 3758487.50074049 496.10 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B908+1 (sensitive receptor: C867)
DISCCART 407312.496486011 3758462.50582813 491.20 1.50

** receptor =B909+1 (sensitive receptor: C868)
DISCCART 407312.496486011 3758437.50091781 488.60 1.50

** receptor =B910+1 (sensitive receptor: C869)
DISCCART 407312.496486011 3758412.50600545 485.40 1.50

** receptor =B911+1 (sensitive receptor: C870)
DISCCART 407312.496486011 3758387.50109513 475.50 1.50

** receptor =B912+1 (sensitive receptor: C871)
DISCCART 407312.496486011 3758362.50618277 461.20 1.50

** receptor =B913+1 (sensitive receptor: C872)
DISCCART 407312.496486011 3758337.50127244 459.30 1.50

** receptor =B914+1 (sensitive receptor: C873)
DISCCART 407312.496486011 3758312.50636009 462.00 1.50

** receptor =B915+1 (sensitive receptor: C874)
DISCCART 407312.496486011 3758287.50144976 461.50 1.50

** receptor =B916+1 (sensitive receptor: C875)
DISCCART 407312.496486011 3758262.50653741 456.60 1.50

** receptor =B917+1 (sensitive receptor: C876)
DISCCART 407312.496486011 3758237.50162708 445.10 1.50

** receptor =B918+1 (sensitive receptor: C877)
DISCCART 407312.496486011 3758212.50671473 438.60 1.50

** receptor =B919+1 (sensitive receptor: C878)
DISCCART 407312.496486011 3758187.5018044 438.60 1.50

** receptor =B920+1 (sensitive receptor: C879)
DISCCART 407312.496486011 3758162.50689204 442.80 1.50

** receptor =B921+1 (sensitive receptor: C880)
DISCCART 407312.496486011 3758137.50198172 443.60 1.50

** receptor =B922+1 (sensitive receptor: C881)
DISCCART 407337.497885917 3758512.50565081 502.80 1.50

** receptor =B923+1 (sensitive receptor: C882)
DISCCART 407337.497885917 3758487.50074049 501.80 1.50

** receptor =B924+1 (sensitive receptor: C883)
DISCCART 407337.497885917 3758462.50582813 496.80 1.50

** receptor =B925+1 (sensitive receptor: C884)
DISCCART 407337.497885917 3758437.50091781 491.20 1.50

** receptor =B926+1 (sensitive receptor: C885)
DISCCART 407337.497885917 3758412.50600545 485.40 1.50

** receptor =B927+1 (sensitive receptor: C886)
DISCCART 407337.497885917 3758387.50109513 478.70 1.50

** receptor =B928+1 (sensitive receptor: C887)
DISCCART 407337.497885917 3758362.50618277 460.80 1.50

** receptor =B929+1 (sensitive receptor: C888)
DISCCART 407337.497885917 3758337.50127244 456.60 1.50

** receptor =B930+1 (sensitive receptor: C889)
DISCCART 407337.497885917 3758312.50636009 453.70 1.50

** receptor =B931+1 (sensitive receptor: C890)
DISCCART 407337.497885917 3758287.50144976 450.10 1.50

** receptor =B932+1 (sensitive receptor: C891)
DISCCART 407337.497885917 3758262.50653741 445.50 1.50

** receptor =B933+1 (sensitive receptor: C892)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 407337.497885917 3758237.50162708 440.20 1.50
** receptor =B934+1 (sensitive receptor: C893)
DISCCART 407337.497885917 3758212.50671473 434.50 1.50
** receptor =B935+1 (sensitive receptor: C894)
DISCCART 407337.497885917 3758187.5018044 433.80 1.50
** receptor =B936+1 (sensitive receptor: C895)
DISCCART 407337.497885917 3758162.50689204 441.20 1.50
** receptor =B937+1 (sensitive receptor: C896)
DISCCART 407337.497885917 3758137.50198172 442.90 1.50
** receptor =B938+1 (sensitive receptor: C897)
DISCCART 407362.499285822 3758512.50565081 502.60 1.50
** receptor =B939+1 (sensitive receptor: C898)
DISCCART 407362.499285822 3758487.50074049 501.80 1.50
** receptor =B940+1 (sensitive receptor: C899)
DISCCART 407362.499285822 3758462.50582813 496.80 1.50
** receptor =B941+1 (sensitive receptor: C900)
DISCCART 407362.499285822 3758437.50091781 490.90 1.50
** receptor =B942+1 (sensitive receptor: C901)
DISCCART 407362.499285822 3758412.50600545 485.40 1.50
** receptor =B943+1 (sensitive receptor: C902)
DISCCART 407362.499285822 3758387.50109513 478.80 1.50
** receptor =B944+1 (sensitive receptor: C903)
DISCCART 407362.499285822 3758362.50618277 464.50 1.50
** receptor =B945+1 (sensitive receptor: C904)
DISCCART 407362.499285822 3758337.50127244 456.80 1.50
** receptor =B946+1 (sensitive receptor: C905)
DISCCART 407362.499285822 3758312.50636009 448.10 1.50
** receptor =B947+1 (sensitive receptor: C906)
DISCCART 407362.499285822 3758287.50144976 441.90 1.50
** receptor =B948+1 (sensitive receptor: C907)
DISCCART 407362.499285822 3758262.50653741 436.90 1.50
** receptor =B949+1 (sensitive receptor: C908)
DISCCART 407362.499285822 3758237.50162708 424.60 1.50
** receptor =B950+1 (sensitive receptor: C909)
DISCCART 407362.499285822 3758212.50671473 424.10 1.50
** receptor =B951+1 (sensitive receptor: C910)
DISCCART 407362.499285822 3758187.5018044 421.30 1.50
** receptor =B952+1 (sensitive receptor: C911)
DISCCART 407362.499285822 3758162.50689204 428.40 1.50
** receptor =B953+1 (sensitive receptor: C912)
DISCCART 407362.499285822 3758137.50198172 434.50 1.50
** receptor =B954+1 (sensitive receptor: C913)
DISCCART 407387.500685728 3758512.50565081 498.90 1.50
** receptor =B955+1 (sensitive receptor: C914)
DISCCART 407387.500685728 3758487.50074049 499.30 1.50
** receptor =B956+1 (sensitive receptor: C915)
DISCCART 407387.500685728 3758462.50582813 492.20 1.50
** receptor =B957+1 (sensitive receptor: C916)
DISCCART 407387.500685728 3758437.50091781 483.60 1.50
** receptor =B958+1 (sensitive receptor: C917)
DISCCART 407387.500685728 3758412.50600545 482.50 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B959+1 (sensitive receptor: C918)
DISCCART 407387.500685728 3758387.50109513 478.80 1.50

** receptor =B960+1 (sensitive receptor: C919)
DISCCART 407387.500685728 3758362.50618277 467.30 1.50

** receptor =B961+1 (sensitive receptor: C920)
DISCCART 407387.500685728 3758337.50127244 462.40 1.50

** receptor =B962+1 (sensitive receptor: C921)
DISCCART 407387.500685728 3758312.50636009 451.80 1.50

** receptor =B963+1 (sensitive receptor: C922)
DISCCART 407387.500685728 3758287.50144976 442.00 1.50

** receptor =B964+1 (sensitive receptor: C923)
DISCCART 407387.500685728 3758262.50653741 430.80 1.50

** receptor =B965+1 (sensitive receptor: C924)
DISCCART 407387.500685728 3758237.50162708 419.80 1.50

** receptor =B966+1 (sensitive receptor: C925)
DISCCART 407387.500685728 3758212.50671473 408.90 1.50

** receptor =B967+1 (sensitive receptor: C926)
DISCCART 407387.500685728 3758187.5018044 394.30 1.50

** receptor =B968+1 (sensitive receptor: C927)
DISCCART 407387.500685728 3758162.50689204 394.70 1.50

** receptor =B969+1 (sensitive receptor: C928)
DISCCART 407387.500685728 3758137.50198172 398.00 1.50

** receptor =B970+1 (sensitive receptor: C929)
DISCCART 407412.502085634 3758512.50565081 496.20 1.50

** receptor =B971+1 (sensitive receptor: C930)
DISCCART 407412.502085634 3758487.50074049 495.20 1.50

** receptor =B972+1 (sensitive receptor: C931)
DISCCART 407412.502085634 3758462.50582813 487.40 1.50

** receptor =B973+1 (sensitive receptor: C932)
DISCCART 407412.502085634 3758437.50091781 478.80 1.50

** receptor =B974+1 (sensitive receptor: C933)
DISCCART 407412.502085634 3758412.50600545 475.60 1.50

** receptor =B975+1 (sensitive receptor: C934)
DISCCART 407412.502085634 3758387.50109513 475.60 1.50

** receptor =B976+1 (sensitive receptor: C935)
DISCCART 407412.502085634 3758362.50618277 468.90 1.50

** receptor =B977+1 (sensitive receptor: C936)
DISCCART 407412.502085634 3758337.50127244 462.40 1.50

** receptor =B978+1 (sensitive receptor: C937)
DISCCART 407412.502085634 3758312.50636009 458.40 1.50

** receptor =B979+1 (sensitive receptor: C938)
DISCCART 407412.502085634 3758287.50144976 447.80 1.50

** receptor =B980+1 (sensitive receptor: C939)
DISCCART 407412.502085634 3758262.50653741 438.20 1.50

** receptor =B981+1 (sensitive receptor: C940)
DISCCART 407412.502085634 3758237.50162708 424.90 1.50

** receptor =B982+1 (sensitive receptor: C941)
DISCCART 407412.502085634 3758212.50671473 411.40 1.50

** receptor =B983+1 (sensitive receptor: C942)
DISCCART 407412.502085634 3758187.5018044 399.60 1.50

** receptor =B984+1 (sensitive receptor: C943)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 407412.502085634 3758162.50689204 395.00 1.50
** receptor =B985+1 (sensitive receptor: C944)

DISCCART 407412.502085634 3758137.50198172 390.30 1.50
** receptor =B986+1 (sensitive receptor: C945)

DISCCART 407437.495239695 3758512.50565081 503.70 1.50
** receptor =B987+1 (sensitive receptor: C946)

DISCCART 407437.495239695 3758487.50074049 503.70 1.50
** receptor =B988+1 (sensitive receptor: C947)

DISCCART 407437.495239695 3758462.50582813 503.30 1.50
** receptor =B989+1 (sensitive receptor: C948)

DISCCART 407437.495239695 3758437.50091781 494.10 1.50
** receptor =B990+1 (sensitive receptor: C949)

DISCCART 407437.495239695 3758412.50600545 482.30 1.50
** receptor =B991+1 (sensitive receptor: C950)

DISCCART 407437.495239695 3758387.50109513 475.50 1.50
** receptor =B992+1 (sensitive receptor: C951)

DISCCART 407437.495239695 3758362.50618277 469.00 1.50
** receptor =B993+1 (sensitive receptor: C952)

DISCCART 407437.495239695 3758337.50127244 465.80 1.50
** receptor =B994+1 (sensitive receptor: C953)

DISCCART 407437.495239695 3758312.50636009 462.10 1.50
** receptor =B995+1 (sensitive receptor: C954)

DISCCART 407437.495239695 3758287.50144976 458.40 1.50
** receptor =B996+1 (sensitive receptor: C955)

DISCCART 407437.495239695 3758262.50653741 442.80 1.50
** receptor =B997+1 (sensitive receptor: C956)

DISCCART 407437.495239695 3758237.50162708 432.20 1.50
** receptor =B998+1 (sensitive receptor: C957)

DISCCART 407437.495239695 3758212.50671473 427.20 1.50
** receptor =B999+1 (sensitive receptor: C958)

DISCCART 407437.495239695 3758187.5018044 424.90 1.50
** receptor =B1000+1 (sensitive receptor: C959)

DISCCART 407437.495239695 3758162.50689204 420.00 1.50
** receptor =B1001+1 (sensitive receptor: C960)

DISCCART 407437.495239695 3758137.50198172 409.50 1.50
** receptor =B1002+1 (sensitive receptor: C961)

DISCCART 407462.4966396 3758512.50565081 519.20 1.50
** receptor =B1003+1 (sensitive receptor: C962)

DISCCART 407462.4966396 3758487.50074049 519.20 1.50
** receptor =B1004+1 (sensitive receptor: C963)

DISCCART 407462.4966396 3758462.50582813 522.90 1.50
** receptor =B1005+1 (sensitive receptor: C964)

DISCCART 407462.4966396 3758437.50091781 512.40 1.50
** receptor =B1006+1 (sensitive receptor: C965)

DISCCART 407462.4966396 3758412.50600545 490.10 1.50
** receptor =B1007+1 (sensitive receptor: C966)

DISCCART 407462.4966396 3758387.50109513 475.50 1.50
** receptor =B1008+1 (sensitive receptor: C967)

DISCCART 407462.4966396 3758362.50618277 463.10 1.50
** receptor =B1009+1 (sensitive receptor: C968)

DISCCART 407462.4966396 3758337.50127244 461.60 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B1010+1 (sensitive receptor: C969)
DISCCART 407462.4966396 3758312.50636009 461.60 1.50

** receptor =B1011+1 (sensitive receptor: C970)
DISCCART 407462.4966396 3758287.50144976 462.50 1.50

** receptor =B1012+1 (sensitive receptor: C971)
DISCCART 407462.4966396 3758262.50653741 456.30 1.50

** receptor =B1013+1 (sensitive receptor: C972)
DISCCART 407462.4966396 3758237.50162708 442.30 1.50

** receptor =B1014+1 (sensitive receptor: C973)
DISCCART 407462.4966396 3758212.50671473 437.60 1.50

** receptor =B1015+1 (sensitive receptor: C974)
DISCCART 407462.4966396 3758187.5018044 434.80 1.50

** receptor =B1016+1 (sensitive receptor: C975)
DISCCART 407462.4966396 3758162.50689204 429.80 1.50

** receptor =B1017+1 (sensitive receptor: C976)
DISCCART 407462.4966396 3758137.50198172 424.90 1.50

** receptor =B1018+1 (sensitive receptor: C977)
DISCCART 407487.498039506 3758512.50565081 518.10 1.50

** receptor =B1019+1 (sensitive receptor: C978)
DISCCART 407487.498039506 3758487.50074049 528.10 1.50

** receptor =B1020+1 (sensitive receptor: C979)
DISCCART 407487.498039506 3758462.50582813 526.70 1.50

** receptor =B1021+1 (sensitive receptor: C980)
DISCCART 407487.498039506 3758437.50091781 512.20 1.50

** receptor =B1022+1 (sensitive receptor: C981)
DISCCART 407487.498039506 3758412.50600545 488.90 1.50

** receptor =B1023+1 (sensitive receptor: C982)
DISCCART 407487.498039506 3758387.50109513 472.90 1.50

** receptor =B1024+1 (sensitive receptor: C983)
DISCCART 407487.498039506 3758362.50618277 462.10 1.50

** receptor =B1025+1 (sensitive receptor: C984)
DISCCART 407487.498039506 3758337.50127244 459.20 1.50

** receptor =B1026+1 (sensitive receptor: C985)
DISCCART 407487.498039506 3758312.50636009 459.20 1.50

** receptor =B1027+1 (sensitive receptor: C986)
DISCCART 407487.498039506 3758287.50144976 461.80 1.50

** receptor =B1028+1 (sensitive receptor: C987)
DISCCART 407487.498039506 3758262.50653741 461.80 1.50

** receptor =B1029+1 (sensitive receptor: C988)
DISCCART 407487.498039506 3758237.50162708 458.50 1.50

** receptor =B1030+1 (sensitive receptor: C989)
DISCCART 407487.498039506 3758212.50671473 454.80 1.50

** receptor =B1031+1 (sensitive receptor: C990)
DISCCART 407487.498039506 3758187.5018044 447.90 1.50

** receptor =B1032+1 (sensitive receptor: C991)
DISCCART 407487.498039506 3758162.50689204 444.60 1.50

** receptor =B1033+1 (sensitive receptor: C992)
DISCCART 407487.498039506 3758137.50198172 441.30 1.50

** receptor =B1034+1 (sensitive receptor: C993)
DISCCART 407512.499439412 3758512.50565081 491.60 1.50

** receptor =B1035+1 (sensitive receptor: C994)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 407512.499439412 3758487.50074049 495.00 1.50
** receptor =B1036+1 (sensitive receptor: C995)

DISCCART 407512.499439412 3758462.50582813 504.30 1.50
** receptor =B1037+1 (sensitive receptor: C996)

DISCCART 407512.499439412 3758437.50091781 496.60 1.50
** receptor =B1038+1 (sensitive receptor: C997)

DISCCART 407512.499439412 3758412.50600545 478.90 1.50
** receptor =B1039+1 (sensitive receptor: C998)

DISCCART 407512.499439412 3758387.50109513 468.00 1.50
** receptor =B1040+1 (sensitive receptor: C999)

DISCCART 407512.499439412 3758362.50618277 462.00 1.50
** receptor =B1041+1 (sensitive receptor: C1000)

DISCCART 407512.499439412 3758337.50127244 466.70 1.50
** receptor =B1042+1 (sensitive receptor: C1001)

DISCCART 407512.499439412 3758312.50636009 467.10 1.50
** receptor =B1043+1 (sensitive receptor: C1002)

DISCCART 407512.499439412 3758287.50144976 466.70 1.50
** receptor =B1044+1 (sensitive receptor: C1003)

DISCCART 407512.499439412 3758262.50653741 466.70 1.50
** receptor =B1045+1 (sensitive receptor: C1004)

DISCCART 407512.499439412 3758237.50162708 463.40 1.50
** receptor =B1046+1 (sensitive receptor: C1005)

DISCCART 407512.499439412 3758212.50671473 463.40 1.50
** receptor =B1047+1 (sensitive receptor: C1006)

DISCCART 407512.499439412 3758187.5018044 461.00 1.50
** receptor =B1048+1 (sensitive receptor: C1007)

DISCCART 407512.499439412 3758162.50689204 459.30 1.50
** receptor =B1049+1 (sensitive receptor: C1008)

DISCCART 407512.499439412 3758137.50198172 453.60 1.50
** receptor =B1050+1 (sensitive receptor: C1009)

DISCCART 407537.500839317 3758512.50565081 0.00 1.50
** receptor =B1051+1 (sensitive receptor: C1010)

DISCCART 407537.500839317 3758487.50074049 0.00 1.50
** receptor =B1052+1 (sensitive receptor: C1011)

DISCCART 407537.500839317 3758462.50582813 0.00 1.50
** receptor =B1053+1 (sensitive receptor: C1012)

DISCCART 407537.500839317 3758437.50091781 0.00 1.50
** receptor =B1054+1 (sensitive receptor: C1013)

DISCCART 407537.500839317 3758412.50600545 0.00 1.50
** receptor =B1055+1 (sensitive receptor: C1014)

DISCCART 407537.500839317 3758387.50109513 0.00 1.50
** receptor =B1056+1 (sensitive receptor: C1015)

DISCCART 407537.500839317 3758362.50618277 0.00 1.50
** receptor =B1057+1 (sensitive receptor: C1016)

DISCCART 407537.500839317 3758337.50127244 0.00 1.50
** receptor =B1058+1 (sensitive receptor: C1017)

DISCCART 407537.500839317 3758312.50636009 0.00 1.50
** receptor =B1059+1 (sensitive receptor: C1018)

DISCCART 407537.500839317 3758287.50144976 0.00 1.50
** receptor =B1060+1 (sensitive receptor: C1019)

DISCCART 407537.500839317 3758262.50653741 0.00 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B1061+1 (sensitive receptor: C1020)
DISCCART 407537.500839317 3758237.50162708 0.00 1.50

** receptor =B1062+1 (sensitive receptor: C1021)
DISCCART 407537.500839317 3758212.50671473 0.00 1.50

** receptor =B1063+1 (sensitive receptor: C1022)
DISCCART 407537.500839317 3758187.5018044 0.00 1.50

** receptor =B1064+1 (sensitive receptor: C1023)
DISCCART 407537.500839317 3758162.50689204 0.00 1.50

** receptor =B1065+1 (sensitive receptor: C1024)
DISCCART 407537.500839317 3758137.50198172 0.00 1.50

** receptor =B1066+1 (sensitive receptor: C1025)
DISCCART 407562.502239223 3758512.50565081 0.00 1.50

** receptor =B1067+1 (sensitive receptor: C1026)
DISCCART 407562.502239223 3758487.50074049 0.00 1.50

** receptor =B1068+1 (sensitive receptor: C1027)
DISCCART 407562.502239223 3758462.50582813 0.00 1.50

** receptor =B1069+1 (sensitive receptor: C1028)
DISCCART 407562.502239223 3758437.50091781 0.00 1.50

** receptor =B1070+1 (sensitive receptor: C1029)
DISCCART 407562.502239223 3758412.50600545 0.00 1.50

** receptor =B1071+1 (sensitive receptor: C1030)
DISCCART 407562.502239223 3758387.50109513 0.00 1.50

** receptor =B1072+1 (sensitive receptor: C1031)
DISCCART 407562.502239223 3758362.50618277 0.00 1.50

** receptor =B1073+1 (sensitive receptor: C1032)
DISCCART 407562.502239223 3758337.50127244 0.00 1.50

** receptor =B1074+1 (sensitive receptor: C1033)
DISCCART 407562.502239223 3758312.50636009 0.00 1.50

** receptor =B1075+1 (sensitive receptor: C1034)
DISCCART 407562.502239223 3758287.50144976 0.00 1.50

** receptor =B1076+1 (sensitive receptor: C1035)
DISCCART 407562.502239223 3758262.50653741 0.00 1.50

** receptor =B1077+1 (sensitive receptor: C1036)
DISCCART 407562.502239223 3758237.50162708 0.00 1.50

** receptor =B1078+1 (sensitive receptor: C1037)
DISCCART 407562.502239223 3758212.50671473 0.00 1.50

** receptor =B1079+1 (sensitive receptor: C1038)
DISCCART 407562.502239223 3758187.5018044 0.00 1.50

** receptor =B1080+1 (sensitive receptor: C1039)
DISCCART 407562.502239223 3758162.50689204 0.00 1.50

** receptor =B1081+1 (sensitive receptor: C1040)
DISCCART 407562.502239223 3758137.50198172 0.00 1.50

** receptor =B1082+1 (sensitive receptor: C1041)
DISCCART 407587.495393284 3758512.50565081 0.00 1.50

** receptor =B1083+1 (sensitive receptor: C1042)
DISCCART 407587.495393284 3758487.50074049 0.00 1.50

** receptor =B1084+1 (sensitive receptor: C1043)
DISCCART 407587.495393284 3758462.50582813 0.00 1.50

** receptor =B1085+1 (sensitive receptor: C1044)
DISCCART 407587.495393284 3758437.50091781 0.00 1.50

** receptor =B1086+1 (sensitive receptor: C1045)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 407587.495393284 3758412.50600545 0.00 1.50
** receptor =B1087+1 (sensitive receptor: C1046)
DISCCART 407587.495393284 3758387.50109513 0.00 1.50
** receptor =B1088+1 (sensitive receptor: C1047)
DISCCART 407587.495393284 3758362.50618277 0.00 1.50
** receptor =B1089+1 (sensitive receptor: C1048)
DISCCART 407587.495393284 3758337.50127244 0.00 1.50
** receptor =B1090+1 (sensitive receptor: C1049)
DISCCART 407587.495393284 3758312.50636009 0.00 1.50
** receptor =B1091+1 (sensitive receptor: C1050)
DISCCART 407587.495393284 3758287.50144976 0.00 1.50
** receptor =B1092+1 (sensitive receptor: C1051)
DISCCART 407587.495393284 3758262.50653741 0.00 1.50
** receptor =B1093+1 (sensitive receptor: C1052)
DISCCART 407587.495393284 3758237.50162708 0.00 1.50
** receptor =B1094+1 (sensitive receptor: C1053)
DISCCART 407587.495393284 3758212.50671473 0.00 1.50
** receptor =B1095+1 (sensitive receptor: C1054)
DISCCART 407587.495393284 3758187.5018044 0.00 1.50
** receptor =B1096+1 (sensitive receptor: C1055)
DISCCART 407587.495393284 3758162.50689204 0.00 1.50
** receptor =B1097+1 (sensitive receptor: C1056)
DISCCART 407587.495393284 3758137.50198172 0.00 1.50
** receptor =B1098+1 (sensitive receptor: C1057)
DISCCART 407612.49679319 3758512.50565081 0.00 1.50
** receptor =B1099+1 (sensitive receptor: C1058)
DISCCART 407612.49679319 3758487.50074049 0.00 1.50
** receptor =B1100+1 (sensitive receptor: C1059)
DISCCART 407612.49679319 3758462.50582813 0.00 1.50
** receptor =B1101+1 (sensitive receptor: C1060)
DISCCART 407612.49679319 3758437.50091781 0.00 1.50
** receptor =B1102+1 (sensitive receptor: C1061)
DISCCART 407612.49679319 3758412.50600545 0.00 1.50
** receptor =B1103+1 (sensitive receptor: C1062)
DISCCART 407612.49679319 3758387.50109513 0.00 1.50
** receptor =B1104+1 (sensitive receptor: C1063)
DISCCART 407612.49679319 3758362.50618277 0.00 1.50
** receptor =B1105+1 (sensitive receptor: C1064)
DISCCART 407612.49679319 3758337.50127244 0.00 1.50
** receptor =B1106+1 (sensitive receptor: C1065)
DISCCART 407612.49679319 3758312.50636009 0.00 1.50
** receptor =B1107+1 (sensitive receptor: C1066)
DISCCART 407612.49679319 3758287.50144976 0.00 1.50
** receptor =B1108+1 (sensitive receptor: C1067)
DISCCART 407612.49679319 3758262.50653741 0.00 1.50
** receptor =B1109+1 (sensitive receptor: C1068)
DISCCART 407612.49679319 3758237.50162708 0.00 1.50
** receptor =B1110+1 (sensitive receptor: C1069)
DISCCART 407612.49679319 3758212.50671473 0.00 1.50
** receptor =B1111+1 (sensitive receptor: C1070)
DISCCART 407612.49679319 3758187.5018044 0.00 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B1112+1 (sensitive receptor: C1071)
DISCCART 407612.49679319 3758162.50689204 0.00 1.50

** receptor =B1113+1 (sensitive receptor: C1072)
DISCCART 407612.49679319 3758137.50198172 0.00 1.50

** receptor =B1114+1 (sensitive receptor: C1073)
DISCCART 407637.498193095 3758512.50565081 0.00 1.50

** receptor =B1115+1 (sensitive receptor: C1074)
DISCCART 407637.498193095 3758487.50074049 0.00 1.50

** receptor =B1116+1 (sensitive receptor: C1075)
DISCCART 407637.498193095 3758462.50582813 0.00 1.50

** receptor =B1117+1 (sensitive receptor: C1076)
DISCCART 407637.498193095 3758437.50091781 0.00 1.50

** receptor =B1118+1 (sensitive receptor: C1077)
DISCCART 407637.498193095 3758412.50600545 0.00 1.50

** receptor =B1119+1 (sensitive receptor: C1078)
DISCCART 407637.498193095 3758387.50109513 0.00 1.50

** receptor =B1120+1 (sensitive receptor: C1079)
DISCCART 407637.498193095 3758362.50618277 0.00 1.50

** receptor =B1121+1 (sensitive receptor: C1080)
DISCCART 407637.498193095 3758337.50127244 0.00 1.50

** receptor =B1122+1 (sensitive receptor: C1081)
DISCCART 407637.498193095 3758312.50636009 0.00 1.50

** receptor =B1123+1 (sensitive receptor: C1082)
DISCCART 407637.498193095 3758287.50144976 0.00 1.50

** receptor =B1124+1 (sensitive receptor: C1083)
DISCCART 407637.498193095 3758262.50653741 0.00 1.50

** receptor =B1125+1 (sensitive receptor: C1084)
DISCCART 407637.498193095 3758237.50162708 0.00 1.50

** receptor =B1126+1 (sensitive receptor: C1085)
DISCCART 407637.498193095 3758212.50671473 0.00 1.50

** receptor =B1127+1 (sensitive receptor: C1086)
DISCCART 407637.498193095 3758187.5018044 0.00 1.50

** receptor =B1128+1 (sensitive receptor: C1087)
DISCCART 407637.498193095 3758162.50689204 0.00 1.50

** receptor =B1129+1 (sensitive receptor: C1088)
DISCCART 407637.498193095 3758137.50198172 0.00 1.50

** receptor =B1130+1 (sensitive receptor: C1089)
DISCCART 407662.499593001 3758512.50565081 0.00 1.50

** receptor =B1131+1 (sensitive receptor: C1090)
DISCCART 407662.499593001 3758487.50074049 0.00 1.50

** receptor =B1132+1 (sensitive receptor: C1091)
DISCCART 407662.499593001 3758462.50582813 0.00 1.50

** receptor =B1133+1 (sensitive receptor: C1092)
DISCCART 407662.499593001 3758437.50091781 0.00 1.50

** receptor =B1134+1 (sensitive receptor: C1093)
DISCCART 407662.499593001 3758412.50600545 0.00 1.50

** receptor =B1135+1 (sensitive receptor: C1094)
DISCCART 407662.499593001 3758387.50109513 0.00 1.50

** receptor =B1136+1 (sensitive receptor: C1095)
DISCCART 407662.499593001 3758362.50618277 0.00 1.50

** receptor =B1137+1 (sensitive receptor: C1096)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 407662.499593001 3758337.50127244 0.00 1.50
** receptor =B1138+1 (sensitive receptor: C1097)
DISCCART 407662.499593001 3758312.50636009 0.00 1.50
** receptor =B1139+1 (sensitive receptor: C1098)
DISCCART 407662.499593001 3758287.50144976 0.00 1.50
** receptor =B1140+1 (sensitive receptor: C1099)
DISCCART 407662.499593001 3758262.50653741 0.00 1.50
** receptor =B1141+1 (sensitive receptor: C1100)
DISCCART 407662.499593001 3758237.50162708 0.00 1.50
** receptor =B1142+1 (sensitive receptor: C1101)
DISCCART 407662.499593001 3758212.50671473 0.00 1.50
** receptor =B1143+1 (sensitive receptor: C1102)
DISCCART 407662.499593001 3758187.5018044 0.00 1.50
** receptor =B1144+1 (sensitive receptor: C1103)
DISCCART 407662.499593001 3758162.50689204 0.00 1.50
** receptor =B1145+1 (sensitive receptor: C1104)
DISCCART 407662.499593001 3758137.50198172 0.00 1.50
** receptor =B1146+1 (sensitive receptor: C1105)
DISCCART 407687.500992907 3758512.50565081 0.00 1.50
** receptor =B1147+1 (sensitive receptor: C1106)
DISCCART 407687.500992907 3758487.50074049 0.00 1.50
** receptor =B1148+1 (sensitive receptor: C1107)
DISCCART 407687.500992907 3758462.50582813 0.00 1.50
** receptor =B1149+1 (sensitive receptor: C1108)
DISCCART 407687.500992907 3758437.50091781 0.00 1.50
** receptor =B1150+1 (sensitive receptor: C1109)
DISCCART 407687.500992907 3758412.50600545 0.00 1.50
** receptor =B1151+1 (sensitive receptor: C1110)
DISCCART 407687.500992907 3758387.50109513 0.00 1.50
** receptor =B1152+1 (sensitive receptor: C1111)
DISCCART 407687.500992907 3758362.50618277 0.00 1.50
** receptor =B1153+1 (sensitive receptor: C1112)
DISCCART 407687.500992907 3758337.50127244 0.00 1.50
** receptor =B1154+1 (sensitive receptor: C1113)
DISCCART 407687.500992907 3758312.50636009 0.00 1.50
** receptor =B1155+1 (sensitive receptor: C1114)
DISCCART 407687.500992907 3758287.50144976 0.00 1.50
** receptor =B1156+1 (sensitive receptor: C1115)
DISCCART 407687.500992907 3758262.50653741 0.00 1.50
** receptor =B1157+1 (sensitive receptor: C1116)
DISCCART 407687.500992907 3758237.50162708 0.00 1.50
** receptor =B1158+1 (sensitive receptor: C1117)
DISCCART 407687.500992907 3758212.50671473 0.00 1.50
** receptor =B1159+1 (sensitive receptor: C1118)
DISCCART 407687.500992907 3758187.5018044 0.00 1.50
** receptor =B1160+1 (sensitive receptor: C1119)
DISCCART 407687.500992907 3758162.50689204 0.00 1.50
** receptor =B1161+1 (sensitive receptor: C1120)
DISCCART 407687.500992907 3758137.50198172 0.00 1.50
** receptor =B1162+1 (sensitive receptor: C1121)
DISCCART 407712.502392812 3758512.50565081 0.00 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B1163+1 (sensitive receptor: C1122)
DISCCART 407712.502392812 3758487.50074049 0.00 1.50

** receptor =B1164+1 (sensitive receptor: C1123)
DISCCART 407712.502392812 3758462.50582813 0.00 1.50

** receptor =B1165+1 (sensitive receptor: C1124)
DISCCART 407712.502392812 3758437.50091781 0.00 1.50

** receptor =B1166+1 (sensitive receptor: C1125)
DISCCART 407712.502392812 3758412.50600545 0.00 1.50

** receptor =B1167+1 (sensitive receptor: C1126)
DISCCART 407712.502392812 3758387.50109513 0.00 1.50

** receptor =B1168+1 (sensitive receptor: C1127)
DISCCART 407712.502392812 3758362.50618277 0.00 1.50

** receptor =B1169+1 (sensitive receptor: C1128)
DISCCART 407712.502392812 3758337.50127244 0.00 1.50

** receptor =B1170+1 (sensitive receptor: C1129)
DISCCART 407712.502392812 3758312.50636009 0.00 1.50

** receptor =B1171+1 (sensitive receptor: C1130)
DISCCART 407712.502392812 3758287.50144976 0.00 1.50

** receptor =B1172+1 (sensitive receptor: C1131)
DISCCART 407712.502392812 3758262.50653741 0.00 1.50

** receptor =B1173+1 (sensitive receptor: C1132)
DISCCART 407712.502392812 3758237.50162708 0.00 1.50

** receptor =B1174+1 (sensitive receptor: C1133)
DISCCART 407712.502392812 3758212.50671473 0.00 1.50

** receptor =B1175+1 (sensitive receptor: C1134)
DISCCART 407712.502392812 3758187.5018044 0.00 1.50

** receptor =B1176+1 (sensitive receptor: C1135)
DISCCART 407712.502392812 3758162.50689204 0.00 1.50

** receptor =B1177+1 (sensitive receptor: C1136)
DISCCART 407712.502392812 3758137.50198172 0.00 1.50

** receptor =B1178+1 (sensitive receptor: C1137)
DISCCART 407737.495546874 3758512.50565081 0.00 1.50

** receptor =B1179+1 (sensitive receptor: C1138)
DISCCART 407737.495546874 3758487.50074049 0.00 1.50

** receptor =B1180+1 (sensitive receptor: C1139)
DISCCART 407737.495546874 3758462.50582813 0.00 1.50

** receptor =B1181+1 (sensitive receptor: C1140)
DISCCART 407737.495546874 3758437.50091781 0.00 1.50

** receptor =B1182+1 (sensitive receptor: C1141)
DISCCART 407737.495546874 3758412.50600545 0.00 1.50

** receptor =B1183+1 (sensitive receptor: C1142)
DISCCART 407737.495546874 3758387.50109513 0.00 1.50

** receptor =B1184+1 (sensitive receptor: C1143)
DISCCART 407737.495546874 3758362.50618277 0.00 1.50

** receptor =B1185+1 (sensitive receptor: C1144)
DISCCART 407737.495546874 3758337.50127244 0.00 1.50

** receptor =B1186+1 (sensitive receptor: C1145)
DISCCART 407737.495546874 3758312.50636009 0.00 1.50

** receptor =B1187+1 (sensitive receptor: C1146)
DISCCART 407737.495546874 3758287.50144976 0.00 1.50

** receptor =B1188+1 (sensitive receptor: C1147)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 407737.495546874 3758262.50653741 0.00 1.50
** receptor =B1189+1 (sensitive receptor: C1148)
DISCCART 407737.495546874 3758237.50162708 0.00 1.50
** receptor =B1190+1 (sensitive receptor: C1149)
DISCCART 407737.495546874 3758212.50671473 0.00 1.50
** receptor =B1191+1 (sensitive receptor: C1150)
DISCCART 407737.495546874 3758187.5018044 0.00 1.50
** receptor =B1192+1 (sensitive receptor: C1151)
DISCCART 407737.495546874 3758162.50689204 0.00 1.50
** receptor =B1193+1 (sensitive receptor: C1152)
DISCCART 407737.495546874 3758137.50198172 0.00 1.50
** receptor =B1194+1 (sensitive receptor: C1153)
DISCCART 407762.496946779 3758512.50565081 0.00 1.50
** receptor =B1195+1 (sensitive receptor: C1154)
DISCCART 407762.496946779 3758487.50074049 0.00 1.50
** receptor =B1196+1 (sensitive receptor: C1155)
DISCCART 407762.496946779 3758462.50582813 0.00 1.50
** receptor =B1197+1 (sensitive receptor: C1156)
DISCCART 407762.496946779 3758437.50091781 0.00 1.50
** receptor =B1198+1 (sensitive receptor: C1157)
DISCCART 407762.496946779 3758412.50600545 0.00 1.50
** receptor =B1199+1 (sensitive receptor: C1158)
DISCCART 407762.496946779 3758387.50109513 0.00 1.50
** receptor =B1200+1 (sensitive receptor: C1159)
DISCCART 407762.496946779 3758362.50618277 0.00 1.50
** receptor =B1201+1 (sensitive receptor: C1160)
DISCCART 407762.496946779 3758337.50127244 0.00 1.50
** receptor =B1202+1 (sensitive receptor: C1161)
DISCCART 407762.496946779 3758312.50636009 0.00 1.50
** receptor =B1203+1 (sensitive receptor: C1162)
DISCCART 407762.496946779 3758287.50144976 0.00 1.50
** receptor =B1204+1 (sensitive receptor: C1163)
DISCCART 407762.496946779 3758262.50653741 0.00 1.50
** receptor =B1205+1 (sensitive receptor: C1164)
DISCCART 407762.496946779 3758237.50162708 0.00 1.50
** receptor =B1206+1 (sensitive receptor: C1165)
DISCCART 407762.496946779 3758212.50671473 0.00 1.50
** receptor =B1207+1 (sensitive receptor: C1166)
DISCCART 407762.496946779 3758187.5018044 0.00 1.50
** receptor =B1208+1 (sensitive receptor: C1167)
DISCCART 407762.496946779 3758162.50689204 0.00 1.50
** receptor =B1209+1 (sensitive receptor: C1168)
DISCCART 407762.496946779 3758137.50198172 0.00 1.50
** receptor =B1210+1 (sensitive receptor: C1169)
DISCCART 407787.498346685 3758512.50565081 0.00 1.50
** receptor =B1211+1 (sensitive receptor: C1170)
DISCCART 407787.498346685 3758487.50074049 0.00 1.50
** receptor =B1212+1 (sensitive receptor: C1171)
DISCCART 407787.498346685 3758462.50582813 0.00 1.50
** receptor =B1213+1 (sensitive receptor: C1172)
DISCCART 407787.498346685 3758437.50091781 0.00 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B1214+1 (sensitive receptor: C1173)
DISCCART 407787.498346685 3758412.50600545 0.00 1.50

** receptor =B1215+1 (sensitive receptor: C1174)
DISCCART 407787.498346685 3758387.50109513 0.00 1.50

** receptor =B1216+1 (sensitive receptor: C1175)
DISCCART 407787.498346685 3758362.50618277 0.00 1.50

** receptor =B1217+1 (sensitive receptor: C1176)
DISCCART 407787.498346685 3758337.50127244 0.00 1.50

** receptor =B1218+1 (sensitive receptor: C1177)
DISCCART 407787.498346685 3758312.50636009 0.00 1.50

** receptor =B1219+1 (sensitive receptor: C1178)
DISCCART 407787.498346685 3758287.50144976 0.00 1.50

** receptor =B1220+1 (sensitive receptor: C1179)
DISCCART 407787.498346685 3758262.50653741 0.00 1.50

** receptor =B1221+1 (sensitive receptor: C1180)
DISCCART 407787.498346685 3758237.50162708 0.00 1.50

** receptor =B1222+1 (sensitive receptor: C1181)
DISCCART 407787.498346685 3758212.50671473 0.00 1.50

** receptor =B1223+1 (sensitive receptor: C1182)
DISCCART 407787.498346685 3758187.5018044 0.00 1.50

** receptor =B1224+1 (sensitive receptor: C1183)
DISCCART 407787.498346685 3758162.50689204 0.00 1.50

** receptor =B1225+1 (sensitive receptor: C1184)
DISCCART 407787.498346685 3758137.50198172 0.00 1.50

** receptor =B1226+1 (sensitive receptor: C1185)
DISCCART 407812.49974659 3758512.50565081 0.00 1.50

** receptor =B1227+1 (sensitive receptor: C1186)
DISCCART 407812.49974659 3758487.50074049 0.00 1.50

** receptor =B1228+1 (sensitive receptor: C1187)
DISCCART 407812.49974659 3758462.50582813 0.00 1.50

** receptor =B1229+1 (sensitive receptor: C1188)
DISCCART 407812.49974659 3758437.50091781 0.00 1.50

** receptor =B1230+1 (sensitive receptor: C1189)
DISCCART 407812.49974659 3758412.50600545 0.00 1.50

** receptor =B1231+1 (sensitive receptor: C1190)
DISCCART 407812.49974659 3758387.50109513 0.00 1.50

** receptor =B1232+1 (sensitive receptor: C1191)
DISCCART 407812.49974659 3758362.50618277 0.00 1.50

** receptor =B1233+1 (sensitive receptor: C1192)
DISCCART 407812.49974659 3758337.50127244 0.00 1.50

** receptor =B1234+1 (sensitive receptor: C1193)
DISCCART 407812.49974659 3758312.50636009 0.00 1.50

** receptor =B1235+1 (sensitive receptor: C1194)
DISCCART 407812.49974659 3758287.50144976 0.00 1.50

** receptor =B1236+1 (sensitive receptor: C1195)
DISCCART 407812.49974659 3758262.50653741 0.00 1.50

** receptor =B1237+1 (sensitive receptor: C1196)
DISCCART 407812.49974659 3758237.50162708 0.00 1.50

** receptor =B1238+1 (sensitive receptor: C1197)
DISCCART 407812.49974659 3758212.50671473 0.00 1.50

** receptor =B1239+1 (sensitive receptor: C1198)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 407812.49974659 3758187.5018044 0.00 1.50
** receptor =B1240+1 (sensitive receptor: C1199)
DISCCART 407812.49974659 3758162.50689204 0.00 1.50
** receptor =B1241+1 (sensitive receptor: C1200)
DISCCART 407812.49974659 3758137.50198172 0.00 1.50
** receptor =B1242+1 (sensitive receptor: C1201)
DISCCART 407837.501146496 3758512.50565081 0.00 1.50
** receptor =B1243+1 (sensitive receptor: C1202)
DISCCART 407837.501146496 3758487.50074049 0.00 1.50
** receptor =B1244+1 (sensitive receptor: C1203)
DISCCART 407837.501146496 3758462.50582813 0.00 1.50
** receptor =B1245+1 (sensitive receptor: C1204)
DISCCART 407837.501146496 3758437.50091781 0.00 1.50
** receptor =B1246+1 (sensitive receptor: C1205)
DISCCART 407837.501146496 3758412.50600545 0.00 1.50
** receptor =B1247+1 (sensitive receptor: C1206)
DISCCART 407837.501146496 3758387.50109513 0.00 1.50
** receptor =B1248+1 (sensitive receptor: C1207)
DISCCART 407837.501146496 3758362.50618277 0.00 1.50
** receptor =B1249+1 (sensitive receptor: C1208)
DISCCART 407837.501146496 3758337.50127244 0.00 1.50
** receptor =B1250+1 (sensitive receptor: C1209)
DISCCART 407837.501146496 3758312.50636009 0.00 1.50
** receptor =B1251+1 (sensitive receptor: C1210)
DISCCART 407837.501146496 3758287.50144976 0.00 1.50
** receptor =B1252+1 (sensitive receptor: C1211)
DISCCART 407837.501146496 3758262.50653741 0.00 1.50
** receptor =B1253+1 (sensitive receptor: C1212)
DISCCART 407837.501146496 3758237.50162708 0.00 1.50
** receptor =B1254+1 (sensitive receptor: C1213)
DISCCART 407837.501146496 3758212.50671473 0.00 1.50
** receptor =B1255+1 (sensitive receptor: C1214)
DISCCART 407837.501146496 3758187.5018044 0.00 1.50
** receptor =B1256+1 (sensitive receptor: C1215)
DISCCART 407837.501146496 3758162.50689204 0.00 1.50
** receptor =B1257+1 (sensitive receptor: C1216)
DISCCART 407837.501146496 3758137.50198172 0.00 1.50
** receptor =B1258+1 (sensitive receptor: C1217)
DISCCART 407862.502546402 3758512.50565081 0.00 1.50
** receptor =B1259+1 (sensitive receptor: C1218)
DISCCART 407862.502546402 3758487.50074049 0.00 1.50
** receptor =B1260+1 (sensitive receptor: C1219)
DISCCART 407862.502546402 3758462.50582813 0.00 1.50
** receptor =B1261+1 (sensitive receptor: C1220)
DISCCART 407862.502546402 3758437.50091781 0.00 1.50
** receptor =B1262+1 (sensitive receptor: C1221)
DISCCART 407862.502546402 3758412.50600545 0.00 1.50
** receptor =B1263+1 (sensitive receptor: C1222)
DISCCART 407862.502546402 3758387.50109513 0.00 1.50
** receptor =B1264+1 (sensitive receptor: C1223)
DISCCART 407862.502546402 3758362.50618277 0.00 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B1265+1 (sensitive receptor: C1224)
DISCCART 407862.502546402 3758337.50127244 0.00 1.50

** receptor =B1266+1 (sensitive receptor: C1225)
DISCCART 407862.502546402 3758312.50636009 0.00 1.50

** receptor =B1267+1 (sensitive receptor: C1226)
DISCCART 407862.502546402 3758287.50144976 0.00 1.50

** receptor =B1268+1 (sensitive receptor: C1227)
DISCCART 407862.502546402 3758262.50653741 0.00 1.50

** receptor =B1269+1 (sensitive receptor: C1228)
DISCCART 407862.502546402 3758237.50162708 0.00 1.50

** receptor =B1270+1 (sensitive receptor: C1229)
DISCCART 407862.502546402 3758212.50671473 0.00 1.50

** receptor =B1271+1 (sensitive receptor: C1230)
DISCCART 407862.502546402 3758187.5018044 0.00 1.50

** receptor =B1272+1 (sensitive receptor: C1231)
DISCCART 407862.502546402 3758162.50689204 0.00 1.50

** receptor =B1273+1 (sensitive receptor: C1232)
DISCCART 407862.502546402 3758137.50198172 0.00 1.50

** receptor =B1274+1 (sensitive receptor: C1233)
DISCCART 407887.503946307 3758512.50565081 0.00 1.50

** receptor =B1275+1 (sensitive receptor: C1234)
DISCCART 407887.503946307 3758487.50074049 0.00 1.50

** receptor =B1276+1 (sensitive receptor: C1235)
DISCCART 407887.503946307 3758462.50582813 0.00 1.50

** receptor =B1277+1 (sensitive receptor: C1236)
DISCCART 407887.503946307 3758437.50091781 0.00 1.50

** receptor =B1278+1 (sensitive receptor: C1237)
DISCCART 407887.503946307 3758412.50600545 0.00 1.50

** receptor =B1279+1 (sensitive receptor: C1238)
DISCCART 407887.503946307 3758387.50109513 0.00 1.50

** receptor =B1280+1 (sensitive receptor: C1239)
DISCCART 407887.503946307 3758362.50618277 0.00 1.50

** receptor =B1281+1 (sensitive receptor: C1240)
DISCCART 407887.503946307 3758337.50127244 0.00 1.50

** receptor =B1282+1 (sensitive receptor: C1241)
DISCCART 407887.503946307 3758312.50636009 0.00 1.50

** receptor =B1283+1 (sensitive receptor: C1242)
DISCCART 407887.503946307 3758287.50144976 0.00 1.50

** receptor =B1284+1 (sensitive receptor: C1243)
DISCCART 407887.503946307 3758262.50653741 0.00 1.50

** receptor =B1285+1 (sensitive receptor: C1244)
DISCCART 407887.503946307 3758237.50162708 0.00 1.50

** receptor =B1286+1 (sensitive receptor: C1245)
DISCCART 407887.503946307 3758212.50671473 0.00 1.50

** receptor =B1287+1 (sensitive receptor: C1246)
DISCCART 407887.503946307 3758187.5018044 0.00 1.50

** receptor =B1288+1 (sensitive receptor: C1247)
DISCCART 407887.503946307 3758162.50689204 0.00 1.50

** receptor =B1289+1 (sensitive receptor: C1248)
DISCCART 407887.503946307 3758137.50198172 0.00 1.50

** receptor =B1290+1 (sensitive receptor: C1249)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 407912.497100369 3758512.50565081 0.00 1.50
** receptor =B1291+1 (sensitive receptor: C1250)
DISCCART 407912.497100369 3758487.50074049 0.00 1.50
** receptor =B1292+1 (sensitive receptor: C1251)
DISCCART 407912.497100369 3758462.50582813 0.00 1.50
** receptor =B1293+1 (sensitive receptor: C1252)
DISCCART 407912.497100369 3758437.50091781 0.00 1.50
** receptor =B1294+1 (sensitive receptor: C1253)
DISCCART 407912.497100369 3758412.50600545 0.00 1.50
** receptor =B1295+1 (sensitive receptor: C1254)
DISCCART 407912.497100369 3758387.50109513 0.00 1.50
** receptor =B1296+1 (sensitive receptor: C1255)
DISCCART 407912.497100369 3758362.50618277 0.00 1.50
** receptor =B1297+1 (sensitive receptor: C1256)
DISCCART 407912.497100369 3758337.50127244 0.00 1.50
** receptor =B1298+1 (sensitive receptor: C1257)
DISCCART 407912.497100369 3758312.50636009 0.00 1.50
** receptor =B1299+1 (sensitive receptor: C1258)
DISCCART 407912.497100369 3758287.50144976 0.00 1.50
** receptor =B1300+1 (sensitive receptor: C1259)
DISCCART 407912.497100369 3758262.50653741 0.00 1.50
** receptor =B1301+1 (sensitive receptor: C1260)
DISCCART 407912.497100369 3758237.50162708 0.00 1.50
** receptor =B1302+1 (sensitive receptor: C1261)
DISCCART 407912.497100369 3758212.50671473 0.00 1.50
** receptor =B1303+1 (sensitive receptor: C1262)
DISCCART 407912.497100369 3758187.5018044 0.00 1.50
** receptor =B1304+1 (sensitive receptor: C1263)
DISCCART 407912.497100369 3758162.50689204 0.00 1.50
** receptor =B1305+1 (sensitive receptor: C1264)
DISCCART 407912.497100369 3758137.50198172 0.00 1.50
** receptor =B1306+1 (sensitive receptor: C1265)
DISCCART 407937.498500274 3758512.50565081 0.00 1.50
** receptor =B1307+1 (sensitive receptor: C1266)
DISCCART 407937.498500274 3758487.50074049 0.00 1.50
** receptor =B1308+1 (sensitive receptor: C1267)
DISCCART 407937.498500274 3758462.50582813 0.00 1.50
** receptor =B1309+1 (sensitive receptor: C1268)
DISCCART 407937.498500274 3758437.50091781 0.00 1.50
** receptor =B1310+1 (sensitive receptor: C1269)
DISCCART 407937.498500274 3758412.50600545 0.00 1.50
** receptor =B1311+1 (sensitive receptor: C1270)
DISCCART 407937.498500274 3758387.50109513 0.00 1.50
** receptor =B1312+1 (sensitive receptor: C1271)
DISCCART 407937.498500274 3758362.50618277 0.00 1.50
** receptor =B1313+1 (sensitive receptor: C1272)
DISCCART 407937.498500274 3758337.50127244 0.00 1.50
** receptor =B1314+1 (sensitive receptor: C1273)
DISCCART 407937.498500274 3758312.50636009 0.00 1.50
** receptor =B1315+1 (sensitive receptor: C1274)
DISCCART 407937.498500274 3758287.50144976 0.00 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B1316+1 (sensitive receptor: C1275)
DISCCART 407937.498500274 3758262.50653741 0.00 1.50

** receptor =B1317+1 (sensitive receptor: C1276)
DISCCART 407937.498500274 3758237.50162708 0.00 1.50

** receptor =B1318+1 (sensitive receptor: C1277)
DISCCART 407937.498500274 3758212.50671473 0.00 1.50

** receptor =B1319+1 (sensitive receptor: C1278)
DISCCART 407937.498500274 3758187.5018044 0.00 1.50

** receptor =B1320+1 (sensitive receptor: C1279)
DISCCART 407937.498500274 3758162.50689204 0.00 1.50

** receptor =B1321+1 (sensitive receptor: C1280)
DISCCART 407937.498500274 3758137.50198172 0.00 1.50

** receptor =B1322+1 (sensitive receptor: C1281)
DISCCART 407962.49990018 3758512.50565081 0.00 1.50

** receptor =B1323+1 (sensitive receptor: C1282)
DISCCART 407962.49990018 3758487.50074049 0.00 1.50

** receptor =B1324+1 (sensitive receptor: C1283)
DISCCART 407962.49990018 3758462.50582813 0.00 1.50

** receptor =B1325+1 (sensitive receptor: C1284)
DISCCART 407962.49990018 3758437.50091781 0.00 1.50

** receptor =B1326+1 (sensitive receptor: C1285)
DISCCART 407962.49990018 3758412.50600545 0.00 1.50

** receptor =B1327+1 (sensitive receptor: C1286)
DISCCART 407962.49990018 3758387.50109513 0.00 1.50

** receptor =B1328+1 (sensitive receptor: C1287)
DISCCART 407962.49990018 3758362.50618277 0.00 1.50

** receptor =B1329+1 (sensitive receptor: C1288)
DISCCART 407962.49990018 3758337.50127244 0.00 1.50

** receptor =B1330+1 (sensitive receptor: C1289)
DISCCART 407962.49990018 3758312.50636009 0.00 1.50

** receptor =B1331+1 (sensitive receptor: C1290)
DISCCART 407962.49990018 3758287.50144976 0.00 1.50

** receptor =B1332+1 (sensitive receptor: C1291)
DISCCART 407962.49990018 3758262.50653741 0.00 1.50

** receptor =B1333+1 (sensitive receptor: C1292)
DISCCART 407962.49990018 3758237.50162708 0.00 1.50

** receptor =B1334+1 (sensitive receptor: C1293)
DISCCART 407962.49990018 3758212.50671473 0.00 1.50

** receptor =B1335+1 (sensitive receptor: C1294)
DISCCART 407962.49990018 3758187.5018044 0.00 1.50

** receptor =B1336+1 (sensitive receptor: C1295)
DISCCART 407962.49990018 3758162.50689204 0.00 1.50

** receptor =B1337+1 (sensitive receptor: C1296)
DISCCART 407962.49990018 3758137.50198172 0.00 1.50

** receptor =B1338+1 (sensitive receptor: C1297)
DISCCART 407987.501300085 3758512.50565081 0.00 1.50

** receptor =B1339+1 (sensitive receptor: C1298)
DISCCART 407987.501300085 3758487.50074049 0.00 1.50

** receptor =B1340+1 (sensitive receptor: C1299)
DISCCART 407987.501300085 3758462.50582813 0.00 1.50

** receptor =B1341+1 (sensitive receptor: C1300)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 407987.501300085 3758437.50091781 0.00 1.50
** receptor =B1342+1 (sensitive receptor: C1301)

DISCCART 407987.501300085 3758412.50600545 0.00 1.50
** receptor =B1343+1 (sensitive receptor: C1302)

DISCCART 407987.501300085 3758387.50109513 0.00 1.50
** receptor =B1344+1 (sensitive receptor: C1303)

DISCCART 407987.501300085 3758362.50618277 0.00 1.50
** receptor =B1345+1 (sensitive receptor: C1304)

DISCCART 407987.501300085 3758337.50127244 0.00 1.50
** receptor =B1346+1 (sensitive receptor: C1305)

DISCCART 407987.501300085 3758312.50636009 0.00 1.50
** receptor =B1347+1 (sensitive receptor: C1306)

DISCCART 407987.501300085 3758287.50144976 0.00 1.50
** receptor =B1348+1 (sensitive receptor: C1307)

DISCCART 407987.501300085 3758262.50653741 0.00 1.50
** receptor =B1349+1 (sensitive receptor: C1308)

DISCCART 407987.501300085 3758237.50162708 0.00 1.50
** receptor =B1350+1 (sensitive receptor: C1309)

DISCCART 407987.501300085 3758212.50671473 0.00 1.50
** receptor =B1351+1 (sensitive receptor: C1310)

DISCCART 407987.501300085 3758187.5018044 0.00 1.50
** receptor =B1352+1 (sensitive receptor: C1311)

DISCCART 407987.501300085 3758162.50689204 0.00 1.50
** receptor =B1353+1 (sensitive receptor: C1312)

DISCCART 407987.501300085 3758137.50198172 0.00 1.50
** receptor =B1354+1 (sensitive receptor: C1313)

DISCCART 408012.502699991 3758512.50565081 0.00 1.50
** receptor =B1355+1 (sensitive receptor: C1314)

DISCCART 408012.502699991 3758487.50074049 0.00 1.50
** receptor =B1356+1 (sensitive receptor: C1315)

DISCCART 408012.502699991 3758462.50582813 0.00 1.50
** receptor =B1357+1 (sensitive receptor: C1316)

DISCCART 408012.502699991 3758437.50091781 0.00 1.50
** receptor =B1358+1 (sensitive receptor: C1317)

DISCCART 408012.502699991 3758412.50600545 0.00 1.50
** receptor =B1359+1 (sensitive receptor: C1318)

DISCCART 408012.502699991 3758387.50109513 0.00 1.50
** receptor =B1360+1 (sensitive receptor: C1319)

DISCCART 408012.502699991 3758362.50618277 0.00 1.50
** receptor =B1361+1 (sensitive receptor: C1320)

DISCCART 408012.502699991 3758337.50127244 0.00 1.50
** receptor =B1362+1 (sensitive receptor: C1321)

DISCCART 408012.502699991 3758312.50636009 0.00 1.50
** receptor =B1363+1 (sensitive receptor: C1322)

DISCCART 408012.502699991 3758287.50144976 0.00 1.50
** receptor =B1364+1 (sensitive receptor: C1323)

DISCCART 408012.502699991 3758262.50653741 0.00 1.50
** receptor =B1365+1 (sensitive receptor: C1324)

DISCCART 408012.502699991 3758237.50162708 0.00 1.50
** receptor =B1366+1 (sensitive receptor: C1325)

DISCCART 408012.502699991 3758212.50671473 0.00 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B1367+1 (sensitive receptor: C1326)
DISCCART 408012.502699991 3758187.5018044 0.00 1.50

** receptor =B1368+1 (sensitive receptor: C1327)
DISCCART 408012.502699991 3758162.50689204 0.00 1.50

** receptor =B1369+1 (sensitive receptor: C1328)
DISCCART 408012.502699991 3758137.50198172 0.00 1.50

** receptor =B1370+1 (sensitive receptor: C1329)
DISCCART 408037.495854052 3758512.50565081 0.00 1.50

** receptor =B1371+1 (sensitive receptor: C1330)
DISCCART 408037.495854052 3758487.50074049 0.00 1.50

** receptor =B1372+1 (sensitive receptor: C1331)
DISCCART 408037.495854052 3758462.50582813 0.00 1.50

** receptor =B1373+1 (sensitive receptor: C1332)
DISCCART 408037.495854052 3758437.50091781 0.00 1.50

** receptor =B1374+1 (sensitive receptor: C1333)
DISCCART 408037.495854052 3758412.50600545 0.00 1.50

** receptor =B1375+1 (sensitive receptor: C1334)
DISCCART 408037.495854052 3758387.50109513 0.00 1.50

** receptor =B1376+1 (sensitive receptor: C1335)
DISCCART 408037.495854052 3758362.50618277 0.00 1.50

** receptor =B1377+1 (sensitive receptor: C1336)
DISCCART 408037.495854052 3758337.50127244 0.00 1.50

** receptor =B1378+1 (sensitive receptor: C1337)
DISCCART 408037.495854052 3758312.50636009 0.00 1.50

** receptor =B1379+1 (sensitive receptor: C1338)
DISCCART 408037.495854052 3758287.50144976 0.00 1.50

** receptor =B1380+1 (sensitive receptor: C1339)
DISCCART 408037.495854052 3758262.50653741 0.00 1.50

** receptor =B1381+1 (sensitive receptor: C1340)
DISCCART 408037.495854052 3758237.50162708 0.00 1.50

** receptor =B1382+1 (sensitive receptor: C1341)
DISCCART 408037.495854052 3758212.50671473 0.00 1.50

** receptor =B1383+1 (sensitive receptor: C1342)
DISCCART 408037.495854052 3758187.5018044 0.00 1.50

** receptor =B1384+1 (sensitive receptor: C1343)
DISCCART 408037.495854052 3758162.50689204 0.00 1.50

** receptor =B1385+1 (sensitive receptor: C1344)
DISCCART 408037.495854052 3758137.50198172 0.00 1.50

** receptor =B1386+1 (sensitive receptor: C1345)
DISCCART 408062.497253958 3758512.50565081 0.00 1.50

** receptor =B1387+1 (sensitive receptor: C1346)
DISCCART 408062.497253958 3758487.50074049 0.00 1.50

** receptor =B1388+1 (sensitive receptor: C1347)
DISCCART 408062.497253958 3758462.50582813 0.00 1.50

** receptor =B1389+1 (sensitive receptor: C1348)
DISCCART 408062.497253958 3758437.50091781 0.00 1.50

** receptor =B1390+1 (sensitive receptor: C1349)
DISCCART 408062.497253958 3758412.50600545 0.00 1.50

** receptor =B1391+1 (sensitive receptor: C1350)
DISCCART 408062.497253958 3758387.50109513 0.00 1.50

** receptor =B1392+1 (sensitive receptor: C1351)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 408062.497253958 3758362.50618277 0.00 1.50
** receptor =B1393+1 (sensitive receptor: C1352)
DISCCART 408062.497253958 3758337.50127244 0.00 1.50
** receptor =B1394+1 (sensitive receptor: C1353)
DISCCART 408062.497253958 3758312.50636009 0.00 1.50
** receptor =B1395+1 (sensitive receptor: C1354)
DISCCART 408062.497253958 3758287.50144976 0.00 1.50
** receptor =B1396+1 (sensitive receptor: C1355)
DISCCART 408062.497253958 3758262.50653741 0.00 1.50
** receptor =B1397+1 (sensitive receptor: C1356)
DISCCART 408062.497253958 3758237.50162708 0.00 1.50
** receptor =B1398+1 (sensitive receptor: C1357)
DISCCART 408062.497253958 3758212.50671473 0.00 1.50
** receptor =B1399+1 (sensitive receptor: C1358)
DISCCART 408062.497253958 3758187.5018044 0.00 1.50
** receptor =B1400+1 (sensitive receptor: C1359)
DISCCART 408062.497253958 3758162.50689204 0.00 1.50
** receptor =B1401+1 (sensitive receptor: C1360)
DISCCART 408062.497253958 3758137.50198172 0.00 1.50
** receptor =B1402+1 (sensitive receptor: C1361)
DISCCART 408087.498653864 3758512.50565081 0.00 1.50
** receptor =B1403+1 (sensitive receptor: C1362)
DISCCART 408087.498653864 3758487.50074049 0.00 1.50
** receptor =B1404+1 (sensitive receptor: C1363)
DISCCART 408087.498653864 3758462.50582813 0.00 1.50
** receptor =B1405+1 (sensitive receptor: C1364)
DISCCART 408087.498653864 3758437.50091781 0.00 1.50
** receptor =B1406+1 (sensitive receptor: C1365)
DISCCART 408087.498653864 3758412.50600545 0.00 1.50
** receptor =B1407+1 (sensitive receptor: C1366)
DISCCART 408087.498653864 3758387.50109513 0.00 1.50
** receptor =B1408+1 (sensitive receptor: C1367)
DISCCART 408087.498653864 3758362.50618277 0.00 1.50
** receptor =B1409+1 (sensitive receptor: C1368)
DISCCART 408087.498653864 3758337.50127244 0.00 1.50
** receptor =B1410+1 (sensitive receptor: C1369)
DISCCART 408087.498653864 3758312.50636009 0.00 1.50
** receptor =B1411+1 (sensitive receptor: C1370)
DISCCART 408087.498653864 3758287.50144976 0.00 1.50
** receptor =B1412+1 (sensitive receptor: C1371)
DISCCART 408087.498653864 3758262.50653741 0.00 1.50
** receptor =B1413+1 (sensitive receptor: C1372)
DISCCART 408087.498653864 3758237.50162708 0.00 1.50
** receptor =B1414+1 (sensitive receptor: C1373)
DISCCART 408087.498653864 3758212.50671473 0.00 1.50
** receptor =B1415+1 (sensitive receptor: C1374)
DISCCART 408087.498653864 3758187.5018044 0.00 1.50
** receptor =B1416+1 (sensitive receptor: C1375)
DISCCART 408087.498653864 3758162.50689204 0.00 1.50
** receptor =B1417+1 (sensitive receptor: C1376)
DISCCART 408087.498653864 3758137.50198172 0.00 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B1418+1 (sensitive receptor: C1377)
DISCCART 408112.500053769 3758512.50565081 0.00 1.50

** receptor =B1419+1 (sensitive receptor: C1378)
DISCCART 408112.500053769 3758487.50074049 0.00 1.50

** receptor =B1420+1 (sensitive receptor: C1379)
DISCCART 408112.500053769 3758462.50582813 0.00 1.50

** receptor =B1421+1 (sensitive receptor: C1380)
DISCCART 408112.500053769 3758437.50091781 0.00 1.50

** receptor =B1422+1 (sensitive receptor: C1381)
DISCCART 408112.500053769 3758412.50600545 0.00 1.50

** receptor =B1423+1 (sensitive receptor: C1382)
DISCCART 408112.500053769 3758387.50109513 0.00 1.50

** receptor =B1424+1 (sensitive receptor: C1383)
DISCCART 408112.500053769 3758362.50618277 0.00 1.50

** receptor =B1425+1 (sensitive receptor: C1384)
DISCCART 408112.500053769 3758337.50127244 0.00 1.50

** receptor =B1426+1 (sensitive receptor: C1385)
DISCCART 408112.500053769 3758312.50636009 0.00 1.50

** receptor =B1427+1 (sensitive receptor: C1386)
DISCCART 408112.500053769 3758287.50144976 0.00 1.50

** receptor =B1428+1 (sensitive receptor: C1387)
DISCCART 408112.500053769 3758262.50653741 0.00 1.50

** receptor =B1429+1 (sensitive receptor: C1388)
DISCCART 408112.500053769 3758237.50162708 0.00 1.50

** receptor =B1430+1 (sensitive receptor: C1389)
DISCCART 408112.500053769 3758212.50671473 0.00 1.50

** receptor =B1431+1 (sensitive receptor: C1390)
DISCCART 408112.500053769 3758187.5018044 0.00 1.50

** receptor =B1432+1 (sensitive receptor: C1391)
DISCCART 408112.500053769 3758162.50689204 0.00 1.50

** receptor =B1433+1 (sensitive receptor: C1392)
DISCCART 408112.500053769 3758137.50198172 0.00 1.50

** receptor =B1434+1 (sensitive receptor: C1393)
DISCCART 405962.503349551 3758562.50547349 305.00 1.50

** receptor =B1435+1 (sensitive receptor: C1394)
DISCCART 406012.497903518 3758562.50547349 310.40 1.50

** receptor =B1436+1 (sensitive receptor: C1395)
DISCCART 406062.500703329 3758562.50547349 313.60 1.50

** receptor =B1437+1 (sensitive receptor: C1396)
DISCCART 406112.495257296 3758562.50547349 318.20 1.50

** receptor =B1438+1 (sensitive receptor: C1397)
DISCCART 406162.498057107 3758562.50547349 322.40 1.50

** receptor =B1439+1 (sensitive receptor: C1398)
DISCCART 406212.500856919 3758562.50547349 328.40 1.50

** receptor =B1440+1 (sensitive receptor: C1399)
DISCCART 406262.495410886 3758562.50547349 335.50 1.50

** receptor =B1441+1 (sensitive receptor: C1400)
DISCCART 406312.498210697 3758562.50547349 341.60 1.50

** receptor =B1442+1 (sensitive receptor: C1401)
DISCCART 406362.501010508 3758562.50547349 345.30 1.50

** receptor =B1443+1 (sensitive receptor: C1402)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406412.503810319 3758562.50547349 351.00 1.50
** receptor =B1444+1 (sensitive receptor: C1403)
DISCCART 406462.498364286 3758562.50547349 354.70 1.50
** receptor =B1445+1 (sensitive receptor: C1404)
DISCCART 405962.503349551 3760012.50033123 750.90 1.50
** receptor =B1446+1 (sensitive receptor: C1405)
DISCCART 405962.503349551 3759962.50050855 743.80 1.50
** receptor =B1447+1 (sensitive receptor: C1406)
DISCCART 405962.503349551 3759912.50068587 723.60 1.50
** receptor =B1448+1 (sensitive receptor: C1407)
DISCCART 405962.503349551 3759862.50086319 669.10 1.50
** receptor =B1449+1 (sensitive receptor: C1408)
DISCCART 405962.503349551 3759812.50104051 634.60 1.50
** receptor =B1450+1 (sensitive receptor: C1409)
DISCCART 405962.503349551 3759762.50121783 620.30 1.50
** receptor =B1451+1 (sensitive receptor: C1410)
DISCCART 405962.503349551 3759712.50139515 564.10 1.50
** receptor =B1452+1 (sensitive receptor: C1411)
DISCCART 405962.503349551 3759662.50157247 540.40 1.50
** receptor =B1453+1 (sensitive receptor: C1412)
DISCCART 405962.503349551 3759612.50174979 524.00 1.50
** receptor =B1454+1 (sensitive receptor: C1413)
DISCCART 405962.503349551 3759562.5019271 515.20 1.50
** receptor =B1455+1 (sensitive receptor: C1414)
DISCCART 405962.503349551 3759512.50210442 526.20 1.50
** receptor =B1456+1 (sensitive receptor: C1415)
DISCCART 405962.503349551 3759462.50228174 524.00 1.50
** receptor =B1457+1 (sensitive receptor: C1416)
DISCCART 405962.503349551 3759412.50245906 505.00 1.50
** receptor =B1458+1 (sensitive receptor: C1417)
DISCCART 405962.503349551 3759362.50263638 471.70 1.50
** receptor =B1459+1 (sensitive receptor: C1418)
DISCCART 405962.503349551 3759312.5028137 439.90 1.50
** receptor =B1460+1 (sensitive receptor: C1419)
DISCCART 405962.503349551 3759262.50299102 407.50 1.50
** receptor =B1461+1 (sensitive receptor: C1420)
DISCCART 405962.503349551 3759212.50316834 382.00 1.50
** receptor =B1462+1 (sensitive receptor: C1421)
DISCCART 405962.503349551 3759162.50334566 375.50 1.50
** receptor =B1463+1 (sensitive receptor: C1422)
DISCCART 405962.503349551 3759112.50352298 368.90 1.50
** receptor =B1464+1 (sensitive receptor: C1423)
DISCCART 405962.503349551 3759062.5037003 360.80 1.50
** receptor =B1465+1 (sensitive receptor: C1424)
DISCCART 405962.503349551 3759012.50387762 356.30 1.50
** receptor =B1466+1 (sensitive receptor: C1425)
DISCCART 405962.503349551 3758962.50405494 351.90 1.50
** receptor =B1467+1 (sensitive receptor: C1426)
DISCCART 405962.503349551 3758912.50423226 344.80 1.50
** receptor =B1468+1 (sensitive receptor: C1427)
DISCCART 405962.503349551 3758862.50440957 339.90 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B1469+1 (sensitive receptor: C1428)
DISCCART 405962.503349551 3758812.50458689 334.60 1.50

** receptor =B1470+1 (sensitive receptor: C1429)
DISCCART 405962.503349551 3758762.50476421 326.80 1.50

** receptor =B1471+1 (sensitive receptor: C1430)
DISCCART 405962.503349551 3758712.50494153 321.40 1.50

** receptor =B1472+1 (sensitive receptor: C1431)
DISCCART 405962.503349551 3758662.50511885 315.30 1.50

** receptor =B1473+1 (sensitive receptor: C1432)
DISCCART 405962.503349551 3758612.50529617 311.60 1.50

** receptor =B1474+1 (sensitive receptor: C1433)
DISCCART 406012.497903518 3760012.50033123 745.20 1.50

** receptor =B1475+1 (sensitive receptor: C1434)
DISCCART 406012.497903518 3759962.50050855 709.30 1.50

** receptor =B1476+1 (sensitive receptor: C1435)
DISCCART 406012.497903518 3759912.50068587 657.10 1.50

** receptor =B1477+1 (sensitive receptor: C1436)
DISCCART 406012.497903518 3759862.50086319 652.70 1.50

** receptor =B1478+1 (sensitive receptor: C1437)
DISCCART 406012.497903518 3759812.50104051 630.20 1.50

** receptor =B1479+1 (sensitive receptor: C1438)
DISCCART 406012.497903518 3759762.50121783 621.20 1.50

** receptor =B1480+1 (sensitive receptor: C1439)
DISCCART 406012.497903518 3759712.50139515 609.80 1.50

** receptor =B1481+1 (sensitive receptor: C1440)
DISCCART 406012.497903518 3759662.50157247 547.00 1.50

** receptor =B1482+1 (sensitive receptor: C1441)
DISCCART 406012.497903518 3759612.50174979 536.20 1.50

** receptor =B1483+1 (sensitive receptor: C1442)
DISCCART 406012.497903518 3759562.5019271 527.20 1.50

** receptor =B1484+1 (sensitive receptor: C1443)
DISCCART 406012.497903518 3759512.50210442 527.40 1.50

** receptor =B1485+1 (sensitive receptor: C1444)
DISCCART 406012.497903518 3759462.50228174 510.20 1.50

** receptor =B1486+1 (sensitive receptor: C1445)
DISCCART 406012.497903518 3759412.50245906 484.30 1.50

** receptor =B1487+1 (sensitive receptor: C1446)
DISCCART 406012.497903518 3759362.50263638 463.80 1.50

** receptor =B1488+1 (sensitive receptor: C1447)
DISCCART 406012.497903518 3759312.5028137 437.80 1.50

** receptor =B1489+1 (sensitive receptor: C1448)
DISCCART 406012.497903518 3759262.50299102 416.70 1.50

** receptor =B1490+1 (sensitive receptor: C1449)
DISCCART 406012.497903518 3759212.50316834 383.40 1.50

** receptor =B1491+1 (sensitive receptor: C1450)
DISCCART 406012.497903518 3759162.50334566 380.50 1.50

** receptor =B1492+1 (sensitive receptor: C1451)
DISCCART 406012.497903518 3759112.50352298 374.40 1.50

** receptor =B1493+1 (sensitive receptor: C1452)
DISCCART 406012.497903518 3759062.5037003 366.10 1.50

** receptor =B1494+1 (sensitive receptor: C1453)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406012.497903518 3759012.50387762 359.70 1.50
** receptor =B1495+1 (sensitive receptor: C1454)
DISCCART 406012.497903518 3758962.50405494 358.00 1.50
** receptor =B1496+1 (sensitive receptor: C1455)
DISCCART 406012.497903518 3758912.50423226 351.40 1.50
** receptor =B1497+1 (sensitive receptor: C1456)
DISCCART 406012.497903518 3758862.50440957 342.70 1.50
** receptor =B1498+1 (sensitive receptor: C1457)
DISCCART 406012.497903518 3758812.50458689 336.60 1.50
** receptor =B1499+1 (sensitive receptor: C1458)
DISCCART 406012.497903518 3758762.50476421 331.70 1.50
** receptor =B1500+1 (sensitive receptor: C1459)
DISCCART 406012.497903518 3758712.50494153 324.70 1.50
** receptor =B1501+1 (sensitive receptor: C1460)
DISCCART 406012.497903518 3758662.50511885 318.20 1.50
** receptor =B1502+1 (sensitive receptor: C1461)
DISCCART 406012.497903518 3758612.50529617 313.60 1.50
** receptor =B1503+1 (sensitive receptor: C1462)
DISCCART 406062.500703329 3760012.50033123 693.70 1.50
** receptor =B1504+1 (sensitive receptor: C1463)
DISCCART 406062.500703329 3759812.50104051 547.90 1.50
** receptor =B1505+1 (sensitive receptor: C1464)
DISCCART 406062.500703329 3759762.50121783 539.90 1.50
** receptor =B1506+1 (sensitive receptor: C1465)
DISCCART 406062.500703329 3759712.50139515 551.10 1.50
** receptor =B1507+1 (sensitive receptor: C1466)
DISCCART 406062.500703329 3759662.50157247 527.90 1.50
** receptor =B1508+1 (sensitive receptor: C1467)
DISCCART 406062.500703329 3759612.50174979 525.00 1.50
** receptor =B1509+1 (sensitive receptor: C1468)
DISCCART 406062.500703329 3759562.5019271 495.30 1.50
** receptor =B1510+1 (sensitive receptor: C1469)
DISCCART 406062.500703329 3759512.50210442 470.80 1.50
** receptor =B1511+1 (sensitive receptor: C1470)
DISCCART 406062.500703329 3759462.50228174 464.00 1.50
** receptor =B1512+1 (sensitive receptor: C1471)
DISCCART 406062.500703329 3759412.50245906 448.20 1.50
** receptor =B1513+1 (sensitive receptor: C1472)
DISCCART 406062.500703329 3759362.50263638 430.30 1.50
** receptor =B1514+1 (sensitive receptor: C1473)
DISCCART 406062.500703329 3759312.5028137 423.40 1.50
** receptor =B1515+1 (sensitive receptor: C1474)
DISCCART 406062.500703329 3759262.50299102 395.60 1.50
** receptor =B1516+1 (sensitive receptor: C1475)
DISCCART 406062.500703329 3759212.50316834 392.40 1.50
** receptor =B1517+1 (sensitive receptor: C1476)
DISCCART 406062.500703329 3759162.50334566 387.00 1.50
** receptor =B1518+1 (sensitive receptor: C1477)
DISCCART 406062.500703329 3759112.50352298 380.50 1.50
** receptor =B1519+1 (sensitive receptor: C1478)
DISCCART 406062.500703329 3759062.5037003 373.90 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B1520+1 (sensitive receptor: C1479)
DISCCART 406062.500703329 3759012.50387762 368.30 1.50

** receptor =B1521+1 (sensitive receptor: C1480)
DISCCART 406062.500703329 3758962.50405494 364.10 1.50

** receptor =B1522+1 (sensitive receptor: C1481)
DISCCART 406062.500703329 3758912.50423226 356.30 1.50

** receptor =B1523+1 (sensitive receptor: C1482)
DISCCART 406062.500703329 3758862.50440957 348.60 1.50

** receptor =B1524+1 (sensitive receptor: C1483)
DISCCART 406062.500703329 3758812.50458689 342.70 1.50

** receptor =B1525+1 (sensitive receptor: C1484)
DISCCART 406062.500703329 3758762.50476421 335.00 1.50

** receptor =B1526+1 (sensitive receptor: C1485)
DISCCART 406062.500703329 3758712.50494153 328.40 1.50

** receptor =B1527+1 (sensitive receptor: C1486)
DISCCART 406062.500703329 3758662.50511885 321.90 1.50

** receptor =B1528+1 (sensitive receptor: C1487)
DISCCART 406062.500703329 3758612.50529617 318.20 1.50

** receptor =B1529+1 (sensitive receptor: C1488)
DISCCART 406112.495257296 3760012.50033123 615.50 1.50

** receptor =B1530+1 (sensitive receptor: C1489)
DISCCART 406112.495257296 3759812.50104051 485.40 1.50

** receptor =B1531+1 (sensitive receptor: C1490)
DISCCART 406112.495257296 3759762.50121783 483.30 1.50

** receptor =B1532+1 (sensitive receptor: C1491)
DISCCART 406112.495257296 3759712.50139515 478.00 1.50

** receptor =B1533+1 (sensitive receptor: C1492)
DISCCART 406112.495257296 3759662.50157247 472.20 1.50

** receptor =B1534+1 (sensitive receptor: C1493)
DISCCART 406112.495257296 3759612.50174979 469.00 1.50

** receptor =B1535+1 (sensitive receptor: C1494)
DISCCART 406112.495257296 3759562.5019271 465.80 1.50

** receptor =B1536+1 (sensitive receptor: C1495)
DISCCART 406112.495257296 3759512.50210442 461.50 1.50

** receptor =B1537+1 (sensitive receptor: C1496)
DISCCART 406112.495257296 3759462.50228174 431.40 1.50

** receptor =B1538+1 (sensitive receptor: C1497)
DISCCART 406112.495257296 3759412.50245906 422.30 1.50

** receptor =B1539+1 (sensitive receptor: C1498)
DISCCART 406112.495257296 3759362.50263638 418.40 1.50

** receptor =B1540+1 (sensitive receptor: C1499)
DISCCART 406112.495257296 3759312.5028137 417.50 1.50

** receptor =B1541+1 (sensitive receptor: C1500)
DISCCART 406112.495257296 3759262.50299102 412.50 1.50

** receptor =B1542+1 (sensitive receptor: C1501)
DISCCART 406112.495257296 3759212.50316834 400.60 1.50

** receptor =B1543+1 (sensitive receptor: C1502)
DISCCART 406112.495257296 3759162.50334566 394.00 1.50

** receptor =B1544+1 (sensitive receptor: C1503)
DISCCART 406112.495257296 3759112.50352298 387.50 1.50

** receptor =B1545+1 (sensitive receptor: C1504)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406112.495257296 3759062.5037003 380.50 1.50
** receptor =B1546+1 (sensitive receptor: C1505)
DISCCART 406112.495257296 3759012.50387762 377.20 1.50
** receptor =B1547+1 (sensitive receptor: C1506)
DISCCART 406112.495257296 3758962.50405494 369.40 1.50
** receptor =B1548+1 (sensitive receptor: C1507)
DISCCART 406112.495257296 3758912.50423226 362.80 1.50
** receptor =B1549+1 (sensitive receptor: C1508)
DISCCART 406112.495257296 3758862.50440957 356.30 1.50
** receptor =B1550+1 (sensitive receptor: C1509)
DISCCART 406112.495257296 3758812.50458689 347.70 1.50
** receptor =B1551+1 (sensitive receptor: C1510)
DISCCART 406112.495257296 3758762.50476421 339.90 1.50
** receptor =B1552+1 (sensitive receptor: C1511)
DISCCART 406112.495257296 3758712.50494153 333.30 1.50
** receptor =B1553+1 (sensitive receptor: C1512)
DISCCART 406112.495257296 3758662.50511885 326.80 1.50
** receptor =B1554+1 (sensitive receptor: C1513)
DISCCART 406112.495257296 3758612.50529617 321.40 1.50
** receptor =B1555+1 (sensitive receptor: C1514)
DISCCART 406162.498057107 3760012.50033123 522.00 1.50
** receptor =B1556+1 (sensitive receptor: C1515)
DISCCART 406162.498057107 3759812.50104051 499.50 1.50
** receptor =B1557+1 (sensitive receptor: C1516)
DISCCART 406162.498057107 3759462.50228174 445.40 1.50
** receptor =B1558+1 (sensitive receptor: C1517)
DISCCART 406162.498057107 3759412.50245906 457.10 1.50
** receptor =B1559+1 (sensitive receptor: C1518)
DISCCART 406162.498057107 3759362.50263638 450.40 1.50
** receptor =B1560+1 (sensitive receptor: C1519)
DISCCART 406162.498057107 3759312.5028137 446.90 1.50
** receptor =B1561+1 (sensitive receptor: C1520)
DISCCART 406162.498057107 3759262.50299102 421.80 1.50
** receptor =B1562+1 (sensitive receptor: C1521)
DISCCART 406162.498057107 3759212.50316834 408.80 1.50
** receptor =B1563+1 (sensitive receptor: C1522)
DISCCART 406162.498057107 3759162.50334566 400.60 1.50
** receptor =B1564+1 (sensitive receptor: C1523)
DISCCART 406162.498057107 3759112.50352298 393.60 1.50
** receptor =B1565+1 (sensitive receptor: C1524)
DISCCART 406162.498057107 3759062.5037003 387.00 1.50
** receptor =B1566+1 (sensitive receptor: C1525)
DISCCART 406162.498057107 3759012.50387762 382.50 1.50
** receptor =B1567+1 (sensitive receptor: C1526)
DISCCART 406162.498057107 3758962.50405494 377.60 1.50
** receptor =B1568+1 (sensitive receptor: C1527)
DISCCART 406162.498057107 3758912.50423226 367.40 1.50
** receptor =B1569+1 (sensitive receptor: C1528)
DISCCART 406162.498057107 3758862.50440957 360.80 1.50
** receptor =B1570+1 (sensitive receptor: C1529)
DISCCART 406162.498057107 3758812.50458689 352.50 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B1571+1 (sensitive receptor: C1530)
DISCCART 406162.498057107 3758762.50476421 343.20 1.50

** receptor =B1572+1 (sensitive receptor: C1531)
DISCCART 406162.498057107 3758712.50494153 336.10 1.50

** receptor =B1573+1 (sensitive receptor: C1532)
DISCCART 406162.498057107 3758662.50511885 331.30 1.50

** receptor =B1574+1 (sensitive receptor: C1533)
DISCCART 406162.498057107 3758612.50529617 325.60 1.50

** receptor =B1575+1 (sensitive receptor: C1534)
DISCCART 406212.500856919 3759412.50245906 483.40 1.50

** receptor =B1576+1 (sensitive receptor: C1535)
DISCCART 406212.500856919 3759362.50263638 474.30 1.50

** receptor =B1577+1 (sensitive receptor: C1536)
DISCCART 406212.500856919 3759312.5028137 454.20 1.50

** receptor =B1578+1 (sensitive receptor: C1537)
DISCCART 406212.500856919 3759262.50299102 433.30 1.50

** receptor =B1579+1 (sensitive receptor: C1538)
DISCCART 406212.500856919 3759212.50316834 415.30 1.50

** receptor =B1580+1 (sensitive receptor: C1539)
DISCCART 406212.500856919 3759162.50334566 405.50 1.50

** receptor =B1581+1 (sensitive receptor: C1540)
DISCCART 406212.500856919 3759112.50352298 398.90 1.50

** receptor =B1582+1 (sensitive receptor: C1541)
DISCCART 406212.500856919 3759062.5037003 393.60 1.50

** receptor =B1583+1 (sensitive receptor: C1542)
DISCCART 406212.500856919 3759012.50387762 385.80 1.50

** receptor =B1584+1 (sensitive receptor: C1543)
DISCCART 406212.500856919 3758962.50405494 380.50 1.50

** receptor =B1585+1 (sensitive receptor: C1544)
DISCCART 406212.500856919 3758912.50423226 371.10 1.50

** receptor =B1586+1 (sensitive receptor: C1545)
DISCCART 406212.500856919 3758862.50440957 362.80 1.50

** receptor =B1587+1 (sensitive receptor: C1546)
DISCCART 406212.500856919 3758812.50458689 355.80 1.50

** receptor =B1588+1 (sensitive receptor: C1547)
DISCCART 406212.500856919 3758762.50476421 344.80 1.50

** receptor =B1589+1 (sensitive receptor: C1548)
DISCCART 406212.500856919 3758712.50494153 338.30 1.50

** receptor =B1590+1 (sensitive receptor: C1549)
DISCCART 406212.500856919 3758662.50511885 334.60 1.50

** receptor =B1591+1 (sensitive receptor: C1550)
DISCCART 406212.500856919 3758612.50529617 331.70 1.50

** receptor =B1592+1 (sensitive receptor: C1551)
DISCCART 406262.495410886 3759412.50245906 499.50 1.50

** receptor =B1593+1 (sensitive receptor: C1552)
DISCCART 406262.495410886 3759362.50263638 473.10 1.50

** receptor =B1594+1 (sensitive receptor: C1553)
DISCCART 406262.495410886 3759312.5028137 453.10 1.50

** receptor =B1595+1 (sensitive receptor: C1554)
DISCCART 406262.495410886 3759262.50299102 440.00 1.50

** receptor =B1596+1 (sensitive receptor: C1555)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406262.495410886 3759212.50316834 421.40 1.50
** receptor =B1597+1 (sensitive receptor: C1556)

DISCCART 406262.495410886 3759162.50334566 411.60 1.50
** receptor =B1598+1 (sensitive receptor: C1557)

DISCCART 406262.495410886 3759112.50352298 403.40 1.50
** receptor =B1599+1 (sensitive receptor: C1558)

DISCCART 406262.495410886 3759062.5037003 396.90 1.50
** receptor =B1600+1 (sensitive receptor: C1559)

DISCCART 406262.495410886 3759012.50387762 387.00 1.50
** receptor =B1601+1 (sensitive receptor: C1560)

DISCCART 406262.495410886 3758962.50405494 380.50 1.50
** receptor =B1602+1 (sensitive receptor: C1561)

DISCCART 406262.495410886 3758912.50423226 372.20 1.50
** receptor =B1603+1 (sensitive receptor: C1562)

DISCCART 406262.495410886 3758862.50440957 362.40 1.50
** receptor =B1604+1 (sensitive receptor: C1563)

DISCCART 406262.495410886 3758812.50458689 355.80 1.50
** receptor =B1605+1 (sensitive receptor: C1564)

DISCCART 406262.495410886 3758762.50476421 347.70 1.50
** receptor =B1606+1 (sensitive receptor: C1565)

DISCCART 406262.495410886 3758712.50494153 343.20 1.50
** receptor =B1607+1 (sensitive receptor: C1566)

DISCCART 406262.495410886 3758662.50511885 338.30 1.50
** receptor =B1608+1 (sensitive receptor: C1567)

DISCCART 406262.495410886 3758612.50529617 336.60 1.50
** receptor =B1609+1 (sensitive receptor: C1568)

DISCCART 406312.498210697 3759412.50245906 508.40 1.50
** receptor =B1610+1 (sensitive receptor: C1569)

DISCCART 406312.498210697 3759362.50263638 489.00 1.50
** receptor =B1611+1 (sensitive receptor: C1570)

DISCCART 406312.498210697 3759312.5028137 458.40 1.50
** receptor =B1612+1 (sensitive receptor: C1571)

DISCCART 406312.498210697 3759262.50299102 444.40 1.50
** receptor =B1613+1 (sensitive receptor: C1572)

DISCCART 406312.498210697 3759212.50316834 428.00 1.50
** receptor =B1614+1 (sensitive receptor: C1573)

DISCCART 406312.498210697 3759162.50334566 415.30 1.50
** receptor =B1615+1 (sensitive receptor: C1574)

DISCCART 406312.498210697 3759112.50352298 405.00 1.50
** receptor =B1616+1 (sensitive receptor: C1575)

DISCCART 406312.498210697 3759062.5037003 396.90 1.50
** receptor =B1617+1 (sensitive receptor: C1576)

DISCCART 406312.498210697 3759012.50387762 388.60 1.50
** receptor =B1618+1 (sensitive receptor: C1577)

DISCCART 406312.498210697 3758962.50405494 378.80 1.50
** receptor =B1619+1 (sensitive receptor: C1578)

DISCCART 406312.498210697 3758912.50423226 370.60 1.50
** receptor =B1620+1 (sensitive receptor: C1579)

DISCCART 406312.498210697 3758862.50440957 364.10 1.50
** receptor =B1621+1 (sensitive receptor: C1580)

DISCCART 406312.498210697 3758812.50458689 357.50 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B1622+1 (sensitive receptor: C1581)
DISCCART 406312.498210697 3758762.50476421 351.00 1.50

** receptor =B1623+1 (sensitive receptor: C1582)
DISCCART 406312.498210697 3758712.50494153 344.80 1.50

** receptor =B1624+1 (sensitive receptor: C1583)
DISCCART 406312.498210697 3758662.50511885 343.20 1.50

** receptor =B1625+1 (sensitive receptor: C1584)
DISCCART 406312.498210697 3758612.50529617 342.00 1.50

** receptor =B1626+1 (sensitive receptor: C1585)
DISCCART 406362.501010508 3759412.50245906 488.00 1.50

** receptor =B1627+1 (sensitive receptor: C1586)
DISCCART 406362.501010508 3759362.50263638 481.90 1.50

** receptor =B1628+1 (sensitive receptor: C1587)
DISCCART 406362.501010508 3759312.5028137 457.50 1.50

** receptor =B1629+1 (sensitive receptor: C1588)
DISCCART 406362.501010508 3759262.50299102 440.60 1.50

** receptor =B1630+1 (sensitive receptor: C1589)
DISCCART 406362.501010508 3759212.50316834 429.70 1.50

** receptor =B1631+1 (sensitive receptor: C1590)
DISCCART 406362.501010508 3759162.50334566 417.00 1.50

** receptor =B1632+1 (sensitive receptor: C1591)
DISCCART 406362.501010508 3759112.50352298 407.20 1.50

** receptor =B1633+1 (sensitive receptor: C1592)
DISCCART 406362.501010508 3759062.5037003 398.40 1.50

** receptor =B1634+1 (sensitive receptor: C1593)
DISCCART 406362.501010508 3759012.50387762 389.10 1.50

** receptor =B1635+1 (sensitive receptor: C1594)
DISCCART 406362.501010508 3758962.50405494 380.50 1.50

** receptor =B1636+1 (sensitive receptor: C1595)
DISCCART 406362.501010508 3758912.50423226 372.20 1.50

** receptor =B1637+1 (sensitive receptor: C1596)
DISCCART 406362.501010508 3758862.50440957 361.90 1.50

** receptor =B1638+1 (sensitive receptor: C1597)
DISCCART 406362.501010508 3758812.50458689 356.60 1.50

** receptor =B1639+1 (sensitive receptor: C1598)
DISCCART 406362.501010508 3758762.50476421 353.00 1.50

** receptor =B1640+1 (sensitive receptor: C1599)
DISCCART 406362.501010508 3758712.50494153 351.00 1.50

** receptor =B1641+1 (sensitive receptor: C1600)
DISCCART 406362.501010508 3758662.50511885 349.70 1.50

** receptor =B1642+1 (sensitive receptor: C1601)
DISCCART 406362.501010508 3758612.50529617 347.70 1.50

** receptor =B1643+1 (sensitive receptor: C1602)
DISCCART 406412.503810319 3759312.5028137 452.60 1.50

** receptor =B1644+1 (sensitive receptor: C1603)
DISCCART 406412.503810319 3759262.50299102 442.80 1.50

** receptor =B1645+1 (sensitive receptor: C1604)
DISCCART 406412.503810319 3759212.50316834 431.70 1.50

** receptor =B1646+1 (sensitive receptor: C1605)
DISCCART 406412.503810319 3759162.50334566 418.10 1.50

** receptor =B1647+1 (sensitive receptor: C1606)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406412.503810319 3759112.50352298 408.30 1.50
** receptor =B1648+1 (sensitive receptor: C1607)

DISCCART 406412.503810319 3759062.5037003 399.70 1.50
** receptor =B1649+1 (sensitive receptor: C1608)

DISCCART 406412.503810319 3759012.50387762 391.90 1.50
** receptor =B1650+1 (sensitive receptor: C1609)

DISCCART 406412.503810319 3758962.50405494 382.00 1.50
** receptor =B1651+1 (sensitive receptor: C1610)

DISCCART 406412.503810319 3758912.50423226 372.20 1.50
** receptor =B1652+1 (sensitive receptor: C1611)

DISCCART 406412.503810319 3758862.50440957 358.60 1.50
** receptor =B1653+1 (sensitive receptor: C1612)

DISCCART 406412.503810319 3758812.50458689 356.30 1.50
** receptor =B1654+1 (sensitive receptor: C1613)

DISCCART 406412.503810319 3758762.50476421 356.40 1.50
** receptor =B1655+1 (sensitive receptor: C1614)

DISCCART 406412.503810319 3758712.50494153 357.50 1.50
** receptor =B1656+1 (sensitive receptor: C1615)

DISCCART 406412.503810319 3758662.50511885 357.50 1.50
** receptor =B1657+1 (sensitive receptor: C1616)

DISCCART 406412.503810319 3758612.50529617 354.20 1.50
** receptor =B1658+1 (sensitive receptor: C1617)

DISCCART 406462.498364286 3759312.5028137 452.60 1.50
** receptor =B1659+1 (sensitive receptor: C1618)

DISCCART 406462.498364286 3759262.50299102 443.20 1.50
** receptor =B1660+1 (sensitive receptor: C1619)

DISCCART 406462.498364286 3759212.50316834 431.20 1.50
** receptor =B1661+1 (sensitive receptor: C1620)

DISCCART 406462.498364286 3759162.50334566 418.10 1.50
** receptor =B1662+1 (sensitive receptor: C1621)

DISCCART 406462.498364286 3759112.50352298 408.30 1.50
** receptor =B1663+1 (sensitive receptor: C1622)

DISCCART 406462.498364286 3759062.5037003 396.90 1.50
** receptor =B1664+1 (sensitive receptor: C1623)

DISCCART 406462.498364286 3759012.50387762 391.90 1.50
** receptor =B1665+1 (sensitive receptor: C1624)

DISCCART 406462.498364286 3758962.50405494 384.20 1.50
** receptor =B1666+1 (sensitive receptor: C1625)

DISCCART 406462.498364286 3758912.50423226 376.40 1.50
** receptor =B1667+1 (sensitive receptor: C1626)

DISCCART 406462.498364286 3758862.50440957 361.70 1.50
** receptor =B1668+1 (sensitive receptor: C1627)

DISCCART 406462.498364286 3758812.50458689 359.70 1.50
** receptor =B1669+1 (sensitive receptor: C1628)

DISCCART 406462.498364286 3758762.50476421 363.00 1.50
** receptor =B1670+1 (sensitive receptor: C1629)

DISCCART 406462.498364286 3758712.50494153 363.00 1.50
** receptor =B1671+1 (sensitive receptor: C1630)

DISCCART 406462.498364286 3758662.50511885 360.80 1.50
** receptor =B1672+1 (sensitive receptor: C1631)

DISCCART 406462.498364286 3758612.50529617 357.50 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B1673+1 (sensitive receptor: C1632)
DISCCART 406512.501164097 3759262.50299102 446.10 1.50

** receptor =B1674+1 (sensitive receptor: C1633)
DISCCART 406512.501164097 3759212.50316834 433.30 1.50

** receptor =B1675+1 (sensitive receptor: C1634)
DISCCART 406512.501164097 3759162.50334566 418.10 1.50

** receptor =B1676+1 (sensitive receptor: C1635)
DISCCART 406512.501164097 3759112.50352298 410.00 1.50

** receptor =B1677+1 (sensitive receptor: C1636)
DISCCART 406512.501164097 3759062.5037003 402.20 1.50

** receptor =B1678+1 (sensitive receptor: C1637)
DISCCART 406512.501164097 3759012.50387762 394.00 1.50

** receptor =B1679+1 (sensitive receptor: C1638)
DISCCART 406512.501164097 3758962.50405494 384.90 1.50

** receptor =B1680+1 (sensitive receptor: C1639)
DISCCART 406512.501164097 3758912.50423226 378.80 1.50

** receptor =B1681+1 (sensitive receptor: C1640)
DISCCART 406512.501164097 3758862.50440957 371.60 1.50

** receptor =B1682+1 (sensitive receptor: C1641)
DISCCART 406512.501164097 3758812.50458689 374.80 1.50

** receptor =B1683+1 (sensitive receptor: C1642)
DISCCART 406512.501164097 3758762.50476421 372.70 1.50

** receptor =B1684+1 (sensitive receptor: C1643)
DISCCART 406512.501164097 3758712.50494153 370.60 1.50

** receptor =B1685+1 (sensitive receptor: C1644)
DISCCART 406512.501164097 3758662.50511885 367.40 1.50

** receptor =B1686+1 (sensitive receptor: C1645)
DISCCART 406512.501164097 3758612.50529617 362.80 1.50

** receptor =B1687+1 (sensitive receptor: C1646)
DISCCART 406537.502564003 3758562.50547349 360.80 1.50

** receptor =B1688+1 (sensitive receptor: C1647)
DISCCART 406562.495718064 3759262.50299102 450.90 1.50

** receptor =B1689+1 (sensitive receptor: C1648)
DISCCART 406562.495718064 3759212.50316834 438.30 1.50

** receptor =B1690+1 (sensitive receptor: C1649)
DISCCART 406562.495718064 3759162.50334566 425.60 1.50

** receptor =B1691+1 (sensitive receptor: C1650)
DISCCART 406562.495718064 3759112.50352298 415.30 1.50

** receptor =B1692+1 (sensitive receptor: C1651)
DISCCART 406562.495718064 3759062.5037003 406.70 1.50

** receptor =B1693+1 (sensitive receptor: C1652)
DISCCART 406562.495718064 3759012.50387762 398.40 1.50

** receptor =B1694+1 (sensitive receptor: C1653)
DISCCART 406562.495718064 3758962.50405494 383.00 1.50

** receptor =B1695+1 (sensitive receptor: C1654)
DISCCART 406562.495718064 3758912.50423226 381.40 1.50

** receptor =B1696+1 (sensitive receptor: C1655)
DISCCART 406562.495718064 3758862.50440957 384.70 1.50

** receptor =B1697+1 (sensitive receptor: C1656)
DISCCART 406562.495718064 3758812.50458689 383.80 1.50

** receptor =B1698+1 (sensitive receptor: C1657)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406562.495718064 3758762.50476421 380.50 1.50
** receptor =B1699+1 (sensitive receptor: C1658)

DISCCART 406562.495718064 3758712.50494153 377.20 1.50
** receptor =B1700+1 (sensitive receptor: C1659)

DISCCART 406562.495718064 3758662.50511885 372.70 1.50
** receptor =B1701+1 (sensitive receptor: C1660)

DISCCART 406562.495718064 3758612.50529617 367.40 1.50
** receptor =B1702+1 (sensitive receptor: C1661)

DISCCART 406587.49711797 3758562.50547349 362.40 1.50
** receptor =B1703+1 (sensitive receptor: C1662)

DISCCART 406612.498517875 3759212.50316834 447.60 1.50
** receptor =B1704+1 (sensitive receptor: C1663)

DISCCART 406612.498517875 3759162.50334566 435.00 1.50
** receptor =B1705+1 (sensitive receptor: C1664)

DISCCART 406612.498517875 3759112.50352298 421.90 1.50
** receptor =B1706+1 (sensitive receptor: C1665)

DISCCART 406612.498517875 3759062.5037003 411.60 1.50
** receptor =B1707+1 (sensitive receptor: C1666)

DISCCART 406612.498517875 3759012.50387762 398.40 1.50
** receptor =B1708+1 (sensitive receptor: C1667)

DISCCART 406612.498517875 3758962.50405494 397.40 1.50
** receptor =B1709+1 (sensitive receptor: C1668)

DISCCART 406612.498517875 3758912.50423226 397.40 1.50
** receptor =B1710+1 (sensitive receptor: C1669)

DISCCART 406612.498517875 3758862.50440957 395.60 1.50
** receptor =B1711+1 (sensitive receptor: C1670)

DISCCART 406612.498517875 3758812.50458689 390.80 1.50
** receptor =B1712+1 (sensitive receptor: C1671)

DISCCART 406612.498517875 3758762.50476421 385.30 1.50
** receptor =B1713+1 (sensitive receptor: C1672)

DISCCART 406612.498517875 3758712.50494153 380.90 1.50
** receptor =B1714+1 (sensitive receptor: C1673)

DISCCART 406612.498517875 3758662.50511885 375.50 1.50
** receptor =B1715+1 (sensitive receptor: C1674)

DISCCART 406637.499917781 3758562.50547349 360.80 1.50
** receptor =B1716+1 (sensitive receptor: C1675)

DISCCART 406662.501317687 3759162.50334566 437.80 1.50
** receptor =B1717+1 (sensitive receptor: C1676)

DISCCART 406662.501317687 3759112.50352298 422.60 1.50
** receptor =B1718+1 (sensitive receptor: C1677)

DISCCART 406662.501317687 3759062.5037003 417.00 1.50
** receptor =B1719+1 (sensitive receptor: C1678)

DISCCART 406662.501317687 3759012.50387762 407.60 1.50
** receptor =B1720+1 (sensitive receptor: C1679)

DISCCART 406662.501317687 3758962.50405494 409.40 1.50
** receptor =B1721+1 (sensitive receptor: C1680)

DISCCART 406662.501317687 3758912.50423226 407.20 1.50
** receptor =B1722+1 (sensitive receptor: C1681)

DISCCART 406662.501317687 3758862.50440957 402.20 1.50
** receptor =B1723+1 (sensitive receptor: C1682)

DISCCART 406662.501317687 3758812.50458689 395.20 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B1724+1 (sensitive receptor: C1683)
DISCCART 406662.501317687 3758762.50476421 387.00 1.50

** receptor =B1725+1 (sensitive receptor: C1684)
DISCCART 406662.501317687 3758712.50494153 380.50 1.50

** receptor =B1726+1 (sensitive receptor: C1685)
DISCCART 406687.502717592 3758562.50547349 364.90 1.50

** receptor =B1727+1 (sensitive receptor: C1686)
DISCCART 406712.495871654 3759162.50334566 437.80 1.50

** receptor =B1728+1 (sensitive receptor: C1687)
DISCCART 406712.495871654 3759112.50352298 427.30 1.50

** receptor =B1729+1 (sensitive receptor: C1688)
DISCCART 406712.495871654 3759062.5037003 436.00 1.50

** receptor =B1730+1 (sensitive receptor: C1689)
DISCCART 406712.495871654 3759012.50387762 426.80 1.50

** receptor =B1731+1 (sensitive receptor: C1690)
DISCCART 406712.495871654 3758962.50405494 423.10 1.50

** receptor =B1732+1 (sensitive receptor: C1691)
DISCCART 406712.495871654 3758912.50423226 411.60 1.50

** receptor =B1733+1 (sensitive receptor: C1692)
DISCCART 406712.495871654 3758862.50440957 401.30 1.50

** receptor =B1734+1 (sensitive receptor: C1693)
DISCCART 406712.495871654 3758612.50529617 379.20 1.50

** receptor =B1735+1 (sensitive receptor: C1694)
DISCCART 406737.497271559 3758562.50547349 367.40 1.50

** receptor =B1736+1 (sensitive receptor: C1695)
DISCCART 406762.498671465 3759062.5037003 457.90 1.50

** receptor =B1737+1 (sensitive receptor: C1696)
DISCCART 406762.498671465 3759012.50387762 438.30 1.50

** receptor =B1738+1 (sensitive receptor: C1697)
DISCCART 406762.498671465 3758962.50405494 424.70 1.50

** receptor =B1739+1 (sensitive receptor: C1698)
DISCCART 406762.498671465 3758912.50423226 409.90 1.50

** receptor =B1740+1 (sensitive receptor: C1699)
DISCCART 406762.498671465 3758662.50511885 389.80 1.50

** receptor =B1741+1 (sensitive receptor: C1700)
DISCCART 406762.498671465 3758612.50529617 378.30 1.50

** receptor =B1742+1 (sensitive receptor: C1701)
DISCCART 406787.50007137 3758562.50547349 370.50 1.50

** receptor =B1743+1 (sensitive receptor: C1702)
DISCCART 406812.501471276 3759012.50387762 445.90 1.50

** receptor =B1744+1 (sensitive receptor: C1703)
DISCCART 406812.501471276 3758962.50405494 423.80 1.50

** receptor =B1745+1 (sensitive receptor: C1704)
DISCCART 406812.501471276 3758712.50494153 400.60 1.50

** receptor =B1746+1 (sensitive receptor: C1705)
DISCCART 406812.501471276 3758662.50511885 392.40 1.50

** receptor =B1747+1 (sensitive receptor: C1706)
DISCCART 406812.501471276 3758612.50529617 383.80 1.50

** receptor =B1748+1 (sensitive receptor: C1707)
DISCCART 406837.502871182 3758562.50547349 357.50 1.50

** receptor =B1749+1 (sensitive receptor: C1708)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406862.496025243 3758762.50476421 408.80 1.50
** receptor =B1750+1 (sensitive receptor: C1709)
DISCCART 406862.496025243 3758712.50494153 403.40 1.50
** receptor =B1751+1 (sensitive receptor: C1710)
DISCCART 406862.496025243 3758662.50511885 393.60 1.50
** receptor =B1752+1 (sensitive receptor: C1711)
DISCCART 406862.496025243 3758612.50529617 377.80 1.50
** receptor =B1753+1 (sensitive receptor: C1712)
DISCCART 406887.497425149 3758562.50547349 377.60 1.50
** receptor =B1754+1 (sensitive receptor: C1713)
DISCCART 406912.498825054 3758762.50476421 411.60 1.50
** receptor =B1755+1 (sensitive receptor: C1714)
DISCCART 406912.498825054 3758712.50494153 399.70 1.50
** receptor =B1756+1 (sensitive receptor: C1715)
DISCCART 406912.498825054 3758662.50511885 388.60 1.50
** receptor =B1757+1 (sensitive receptor: C1716)
DISCCART 406912.498825054 3758612.50529617 369.60 1.50
** receptor =B1758+1 (sensitive receptor: C1717)
DISCCART 406937.50022496 3758562.50547349 382.00 1.50
** receptor =B1759+1 (sensitive receptor: C1718)
DISCCART 406962.501624865 3758762.50476421 411.60 1.50
** receptor =B1760+1 (sensitive receptor: C1719)
DISCCART 406962.501624865 3758712.50494153 398.40 1.50
** receptor =B1761+1 (sensitive receptor: C1720)
DISCCART 406962.501624865 3758662.50511885 385.30 1.50
** receptor =B1762+1 (sensitive receptor: C1721)
DISCCART 406962.501624865 3758612.50529617 380.50 1.50
** receptor =B1763+1 (sensitive receptor: C1722)
DISCCART 406987.503024771 3758562.50547349 393.30 1.50
** receptor =B1764+1 (sensitive receptor: C1723)
DISCCART 407012.504424677 3758712.50494153 400.80 1.50
** receptor =B1765+1 (sensitive receptor: C1724)
DISCCART 407012.504424677 3758662.50511885 378.80 1.50
** receptor =B1766+1 (sensitive receptor: C1725)
DISCCART 407012.504424677 3758612.50529617 385.50 1.50
** receptor =B1767+1 (sensitive receptor: C1726)
DISCCART 407037.497578738 3758562.50547349 399.80 1.50
** receptor =B1768+1 (sensitive receptor: C1727)
DISCCART 407062.498978644 3758662.50511885 377.70 1.50
** receptor =B1769+1 (sensitive receptor: C1728)
DISCCART 407062.498978644 3758612.50529617 396.70 1.50
** receptor =B1770+1 (sensitive receptor: C1729)
DISCCART 407087.500378549 3758562.50547349 406.70 1.50
** receptor =B1771+1 (sensitive receptor: C1730)
DISCCART 407112.501778455 3758662.50511885 396.80 1.50
** receptor =B1772+1 (sensitive receptor: C1731)
DISCCART 407112.501778455 3758612.50529617 407.60 1.50
** receptor =B1773+1 (sensitive receptor: C1732)
DISCCART 407137.50317836 3758562.50547349 416.60 1.50
** receptor =B1774+1 (sensitive receptor: C1733)
DISCCART 407162.496332422 3758662.50511885 420.80 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B1775+1 (sensitive receptor: C1734)
DISCCART 407162.496332422 3758612.50529617 416.60 1.50

** receptor =B1776+1 (sensitive receptor: C1735)
DISCCART 407187.497732327 3758562.50547349 439.50 1.50

** receptor =B1777+1 (sensitive receptor: C1736)
DISCCART 407212.499132233 3758662.50511885 435.40 1.50

** receptor =B1778+1 (sensitive receptor: C1737)
DISCCART 407212.499132233 3758612.50529617 441.20 1.50

** receptor =B1779+1 (sensitive receptor: C1738)
DISCCART 407237.500532139 3758562.50547349 457.60 1.50

** receptor =B1780+1 (sensitive receptor: C1739)
DISCCART 407262.501932044 3758662.50511885 450.30 1.50

** receptor =B1781+1 (sensitive receptor: C1740)
DISCCART 407262.501932044 3758612.50529617 450.30 1.50

** receptor =B1782+1 (sensitive receptor: C1741)
DISCCART 407287.50333195 3758562.50547349 459.60 1.50

** receptor =B1783+1 (sensitive receptor: C1742)
DISCCART 407312.496486011 3758662.50511885 466.70 1.50

** receptor =B1784+1 (sensitive receptor: C1743)
DISCCART 407312.496486011 3758612.50529617 463.40 1.50

** receptor =B1785+1 (sensitive receptor: C1744)
DISCCART 407337.497885917 3758562.50547349 475.30 1.50

** receptor =B1786+1 (sensitive receptor: C1745)
DISCCART 407362.499285822 3758662.50511885 484.30 1.50

** receptor =B1787+1 (sensitive receptor: C1746)
DISCCART 407362.499285822 3758612.50529617 479.80 1.50

** receptor =B1788+1 (sensitive receptor: C1747)
DISCCART 407387.500685728 3758562.50547349 489.20 1.50

** receptor =B1789+1 (sensitive receptor: C1748)
DISCCART 407412.502085634 3758662.50511885 497.40 1.50

** receptor =B1790+1 (sensitive receptor: C1749)
DISCCART 407412.502085634 3758612.50529617 500.70 1.50

** receptor =B1791+1 (sensitive receptor: C1750)
DISCCART 407437.495239695 3758562.50547349 507.00 1.50

** receptor =B1792+1 (sensitive receptor: C1751)
DISCCART 407462.4966396 3758662.50511885 504.60 1.50

** receptor =B1793+1 (sensitive receptor: C1752)
DISCCART 407462.4966396 3758612.50529617 505.90 1.50

** receptor =B1794+1 (sensitive receptor: C1753)
DISCCART 407487.498039506 3758562.50547349 501.70 1.50

** receptor =B1795+1 (sensitive receptor: C1754)
DISCCART 407512.499439412 3758662.50511885 483.60 1.50

** receptor =B1796+1 (sensitive receptor: C1755)
DISCCART 407512.499439412 3758612.50529617 477.00 1.50

** receptor =B1797+1 (sensitive receptor: C1756)
DISCCART 407537.500839317 3758562.50547349 0.00 1.50

** receptor =B1798+1 (sensitive receptor: C1757)
DISCCART 407562.502239223 3758662.50511885 0.00 1.50

** receptor =B1799+1 (sensitive receptor: C1758)
DISCCART 407562.502239223 3758612.50529617 0.00 1.50

** receptor =B1800+1 (sensitive receptor: C1759)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 407587.495393284 3758562.50547349 0.00 1.50
** receptor =B1801+1 (sensitive receptor: C1760)
DISCCART 407612.49679319 3758662.50511885 0.00 1.50
** receptor =B1802+1 (sensitive receptor: C1761)
DISCCART 407612.49679319 3758612.50529617 0.00 1.50
** receptor =B1803+1 (sensitive receptor: C1762)
DISCCART 407637.498193095 3758562.50547349 0.00 1.50
** receptor =B1804+1 (sensitive receptor: C1763)
DISCCART 407662.499593001 3758612.50529617 0.00 1.50
** receptor =B1805+1 (sensitive receptor: C1764)
DISCCART 407687.500992907 3758562.50547349 0.00 1.50
** receptor =B1806+1 (sensitive receptor: C1765)
DISCCART 407712.502392812 3758612.50529617 0.00 1.50
** receptor =B1807+1 (sensitive receptor: C1766)
DISCCART 407737.495546874 3758562.50547349 0.00 1.50
** receptor =B1808+1 (sensitive receptor: C1767)
DISCCART 407762.496946779 3758612.50529617 0.00 1.50
** receptor =B1809+1 (sensitive receptor: C1768)
DISCCART 407787.498346685 3758562.50547349 0.00 1.50
** receptor =B1810+1 (sensitive receptor: C1769)
DISCCART 407812.49974659 3758612.50529617 0.00 1.50
** receptor =B1811+1 (sensitive receptor: C1770)
DISCCART 407837.501146496 3758562.50547349 0.00 1.50
** receptor =B1812+1 (sensitive receptor: C1771)
DISCCART 407862.502546402 3758612.50529617 0.00 1.50
** receptor =B1813+1 (sensitive receptor: C1772)
DISCCART 407887.503946307 3758562.50547349 0.00 1.50
** receptor =B1814+1 (sensitive receptor: C1773)
DISCCART 407912.497100369 3758612.50529617 0.00 1.50
** receptor =B1815+1 (sensitive receptor: C1774)
DISCCART 407937.498500274 3758562.50547349 0.00 1.50
** receptor =B1816+1 (sensitive receptor: C1775)
DISCCART 407962.49990018 3758612.50529617 0.00 1.50
** receptor =B1817+1 (sensitive receptor: C1776)
DISCCART 407987.501300085 3758562.50547349 0.00 1.50
** receptor =B1818+1 (sensitive receptor: C1777)
DISCCART 408012.502699991 3758612.50529617 0.00 1.50
** receptor =B1819+1 (sensitive receptor: C1778)
DISCCART 408037.495854052 3758562.50547349 0.00 1.50
** receptor =B1820+1 (sensitive receptor: C1779)
DISCCART 408062.497253958 3758612.50529617 0.00 1.50
** receptor =B1821+1 (sensitive receptor: C1780)
DISCCART 408087.498653864 3758562.50547349 0.00 1.50
** receptor =B1822+1 (sensitive receptor: C1781)
DISCCART 408112.500053769 3758612.50529617 0.00 1.50
** receptor =B1823+1 (sensitive receptor: C1782)
DISCCART 405962.503349551 3758537.50056317 302.70 1.50
** receptor =B1824+1 (sensitive receptor: C1783)
DISCCART 405987.496503612 3758562.50547349 307.90 1.50
** receptor =B1825+1 (sensitive receptor: C1784)
DISCCART 406037.499303424 3758562.50547349 311.60 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B1826+1 (sensitive receptor: C1785)
DISCCART 406087.502103235 3758562.50547349 314.90 1.50

** receptor =B1827+1 (sensitive receptor: C1786)
DISCCART 406137.496657202 3758562.50547349 321.10 1.50

** receptor =B1828+1 (sensitive receptor: C1787)
DISCCART 406187.499457013 3758562.50547349 324.70 1.50

** receptor =B1829+1 (sensitive receptor: C1788)
DISCCART 406237.502256824 3758562.50547349 332.50 1.50

** receptor =B1830+1 (sensitive receptor: C1789)
DISCCART 406287.496810791 3758562.50547349 339.10 1.50

** receptor =B1831+1 (sensitive receptor: C1790)
DISCCART 406337.499610602 3758562.50547349 344.40 1.50

** receptor =B1832+1 (sensitive receptor: C1791)
DISCCART 406387.502410414 3758562.50547349 347.70 1.50

** receptor =B1833+1 (sensitive receptor: C1792)
DISCCART 406437.496964381 3758562.50547349 353.50 1.50

** receptor =B1834+1 (sensitive receptor: C1793)
DISCCART 406487.499764192 3758562.50547349 357.50 1.50

** receptor =B1835+1 (sensitive receptor: C1794)
DISCCART 406537.502564003 3758537.50056317 357.50 1.50

** receptor =B1836+1 (sensitive receptor: C1795)
DISCCART 406587.49711797 3758537.50056317 360.00 1.50

** receptor =B1837+1 (sensitive receptor: C1796)
DISCCART 406637.499917781 3758537.50056317 357.50 1.50

** receptor =B1838+1 (sensitive receptor: C1797)
DISCCART 406687.502717592 3758537.50056317 360.80 1.50

** receptor =B1839+1 (sensitive receptor: C1798)
DISCCART 406737.497271559 3758537.50056317 360.70 1.50

** receptor =B1840+1 (sensitive receptor: C1799)
DISCCART 406787.50007137 3758537.50056317 360.80 1.50

** receptor =B1841+1 (sensitive receptor: C1800)
DISCCART 406837.502871182 3758537.50056317 364.10 1.50

** receptor =B1842+1 (sensitive receptor: C1801)
DISCCART 406887.497425149 3758537.50056317 373.10 1.50

** receptor =B1843+1 (sensitive receptor: C1802)
DISCCART 406937.50022496 3758537.50056317 380.50 1.50

** receptor =B1844+1 (sensitive receptor: C1803)
DISCCART 406987.503024771 3758537.50056317 396.20 1.50

** receptor =B1845+1 (sensitive receptor: C1804)
DISCCART 407037.497578738 3758537.50056317 400.20 1.50

** receptor =B1846+1 (sensitive receptor: C1805)
DISCCART 407087.500378549 3758537.50056317 409.40 1.50

** receptor =B1847+1 (sensitive receptor: C1806)
DISCCART 407137.50317836 3758537.50056317 422.50 1.50

** receptor =B1848+1 (sensitive receptor: C1807)
DISCCART 407187.497732327 3758537.50056317 451.70 1.50

** receptor =B1849+1 (sensitive receptor: C1808)
DISCCART 407237.500532139 3758537.50056317 462.60 1.50

** receptor =B1850+1 (sensitive receptor: C1809)
DISCCART 407287.50333195 3758537.50056317 471.70 1.50

** receptor =B1851+1 (sensitive receptor: C1810)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 407337.497885917 3758537.50056317 482.40 1.50
** receptor =B1852+1 (sensitive receptor: C1811)
DISCCART 407387.500685728 3758537.50056317 488.10 1.50
** receptor =B1853+1 (sensitive receptor: C1812)
DISCCART 407437.495239695 3758537.50056317 503.70 1.50
** receptor =B1854+1 (sensitive receptor: C1813)
DISCCART 407487.498039506 3758537.50056317 509.90 1.50
** receptor =B1855+1 (sensitive receptor: C1814)
DISCCART 407537.500839317 3758537.50056317 0.00 1.50
** receptor =B1856+1 (sensitive receptor: C1815)
DISCCART 407587.495393284 3758537.50056317 0.00 1.50
** receptor =B1857+1 (sensitive receptor: C1816)
DISCCART 407637.498193095 3758537.50056317 0.00 1.50
** receptor =B1858+1 (sensitive receptor: C1817)
DISCCART 407687.500992907 3758537.50056317 0.00 1.50
** receptor =B1859+1 (sensitive receptor: C1818)
DISCCART 407737.495546874 3758537.50056317 0.00 1.50
** receptor =B1860+1 (sensitive receptor: C1819)
DISCCART 407787.498346685 3758537.50056317 0.00 1.50
** receptor =B1861+1 (sensitive receptor: C1820)
DISCCART 407837.501146496 3758537.50056317 0.00 1.50
** receptor =B1862+1 (sensitive receptor: C1821)
DISCCART 407887.503946307 3758537.50056317 0.00 1.50
** receptor =B1863+1 (sensitive receptor: C1822)
DISCCART 407937.498500274 3758537.50056317 0.00 1.50
** receptor =B1864+1 (sensitive receptor: C1823)
DISCCART 407987.501300085 3758537.50056317 0.00 1.50
** receptor =B1865+1 (sensitive receptor: C1824)
DISCCART 408037.495854052 3758537.50056317 0.00 1.50
** receptor =B1866+1 (sensitive receptor: C1825)
DISCCART 408087.498653864 3758537.50056317 0.00 1.50
** receptor =B1867+1 (sensitive receptor: C1826)
DISCCART 405962.503349551 3759987.50541887 754.30 1.50
** receptor =B1868+1 (sensitive receptor: C1827)
DISCCART 405962.503349551 3759937.50559619 733.70 1.50
** receptor =B1869+1 (sensitive receptor: C1828)
DISCCART 405962.503349551 3759887.50577351 704.80 1.50
** receptor =B1870+1 (sensitive receptor: C1829)
DISCCART 405962.503349551 3759837.50595083 641.40 1.50
** receptor =B1871+1 (sensitive receptor: C1830)
DISCCART 405962.503349551 3759787.50612815 628.70 1.50
** receptor =B1872+1 (sensitive receptor: C1831)
DISCCART 405962.503349551 3759737.50630547 619.20 1.50
** receptor =B1873+1 (sensitive receptor: C1832)
DISCCART 405962.503349551 3759687.50648279 548.60 1.50
** receptor =B1874+1 (sensitive receptor: C1833)
DISCCART 405962.503349551 3759637.50666011 532.20 1.50
** receptor =B1875+1 (sensitive receptor: C1834)
DISCCART 405962.503349551 3759587.50683743 515.80 1.50
** receptor =B1876+1 (sensitive receptor: C1835)
DISCCART 405962.503349551 3759537.50701475 522.50 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B1877+1 (sensitive receptor: C1836)
DISCCART 405962.503349551 3759487.50719207 522.50 1.50

** receptor =B1878+1 (sensitive receptor: C1837)
DISCCART 405962.503349551 3759437.50736939 515.80 1.50

** receptor =B1879+1 (sensitive receptor: C1838)
DISCCART 405962.503349551 3759387.49754874 488.50 1.50

** receptor =B1880+1 (sensitive receptor: C1839)
DISCCART 405962.503349551 3759337.49772606 453.50 1.50

** receptor =B1881+1 (sensitive receptor: C1840)
DISCCART 405962.503349551 3759287.49790338 420.70 1.50

** receptor =B1882+1 (sensitive receptor: C1841)
DISCCART 405962.503349551 3759237.4980807 394.40 1.50

** receptor =B1883+1 (sensitive receptor: C1842)
DISCCART 405962.503349551 3759187.49825802 377.20 1.50

** receptor =B1884+1 (sensitive receptor: C1843)
DISCCART 405962.503349551 3759137.49843534 373.80 1.50

** receptor =B1885+1 (sensitive receptor: C1844)
DISCCART 405962.503349551 3759087.49861266 367.30 1.50

** receptor =B1886+1 (sensitive receptor: C1845)
DISCCART 405962.503349551 3759037.49878997 357.50 1.50

** receptor =B1887+1 (sensitive receptor: C1846)
DISCCART 405962.503349551 3758987.49896729 354.20 1.50

** receptor =B1888+1 (sensitive receptor: C1847)
DISCCART 405962.503349551 3758937.49914461 348.60 1.50

** receptor =B1889+1 (sensitive receptor: C1848)
DISCCART 405962.503349551 3758887.49932193 344.30 1.50

** receptor =B1890+1 (sensitive receptor: C1849)
DISCCART 405962.503349551 3758837.49949925 337.80 1.50

** receptor =B1891+1 (sensitive receptor: C1850)
DISCCART 405962.503349551 3758787.49967657 331.20 1.50

** receptor =B1892+1 (sensitive receptor: C1851)
DISCCART 405962.503349551 3758737.49985389 324.60 1.50

** receptor =B1893+1 (sensitive receptor: C1852)
DISCCART 405962.503349551 3758687.50003121 318.20 1.50

** receptor =B1894+1 (sensitive receptor: C1853)
DISCCART 405962.503349551 3758637.50020853 311.60 1.50

** receptor =B1895+1 (sensitive receptor: C1854)
DISCCART 406012.497903518 3759987.50541887 735.10 1.50

** receptor =B1896+1 (sensitive receptor: C1855)
DISCCART 406012.497903518 3759937.50559619 667.60 1.50

** receptor =B1897+1 (sensitive receptor: C1856)
DISCCART 406012.497903518 3759887.50577351 662.40 1.50

** receptor =B1898+1 (sensitive receptor: C1857)
DISCCART 406012.497903518 3759837.50595083 645.10 1.50

** receptor =B1899+1 (sensitive receptor: C1858)
DISCCART 406012.497903518 3759787.50612815 625.50 1.50

** receptor =B1900+1 (sensitive receptor: C1859)
DISCCART 406012.497903518 3759737.50630547 624.60 1.50

** receptor =B1901+1 (sensitive receptor: C1860)
DISCCART 406012.497903518 3759687.50648279 557.50 1.50

** receptor =B1902+1 (sensitive receptor: C1861)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406012.497903518 3759637.50666011 544.40 1.50
** receptor =B1903+1 (sensitive receptor: C1862)

DISCCART 406012.497903518 3759587.50683743 528.10 1.50
** receptor =B1904+1 (sensitive receptor: C1863)

DISCCART 406012.497903518 3759537.50701475 528.10 1.50
** receptor =B1905+1 (sensitive receptor: C1864)

DISCCART 406012.497903518 3759487.50719207 521.90 1.50
** receptor =B1906+1 (sensitive receptor: C1865)

DISCCART 406012.497903518 3759437.50736939 492.90 1.50
** receptor =B1907+1 (sensitive receptor: C1866)

DISCCART 406012.497903518 3759387.49754874 480.10 1.50
** receptor =B1908+1 (sensitive receptor: C1867)

DISCCART 406012.497903518 3759337.49772606 450.70 1.50
** receptor =B1909+1 (sensitive receptor: C1868)

DISCCART 406012.497903518 3759287.49790338 426.30 1.50
** receptor =B1910+1 (sensitive receptor: C1869)

DISCCART 406012.497903518 3759237.4980807 399.10 1.50
** receptor =B1911+1 (sensitive receptor: C1870)

DISCCART 406012.497903518 3759187.49825802 381.40 1.50
** receptor =B1912+1 (sensitive receptor: C1871)

DISCCART 406012.497903518 3759137.49843534 378.10 1.50
** receptor =B1913+1 (sensitive receptor: C1872)

DISCCART 406012.497903518 3759087.49861266 370.60 1.50
** receptor =B1914+1 (sensitive receptor: C1873)

DISCCART 406012.497903518 3759037.49878997 361.70 1.50
** receptor =B1915+1 (sensitive receptor: C1874)

DISCCART 406012.497903518 3758987.49896729 360.80 1.50
** receptor =B1916+1 (sensitive receptor: C1875)

DISCCART 406012.497903518 3758937.49914461 355.10 1.50
** receptor =B1917+1 (sensitive receptor: C1876)

DISCCART 406012.497903518 3758887.49932193 347.60 1.50
** receptor =B1918+1 (sensitive receptor: C1877)

DISCCART 406012.497903518 3758837.49949925 337.80 1.50
** receptor =B1919+1 (sensitive receptor: C1878)

DISCCART 406012.497903518 3758787.49967657 334.60 1.50
** receptor =B1920+1 (sensitive receptor: C1879)

DISCCART 406012.497903518 3758737.49985389 327.90 1.50
** receptor =B1921+1 (sensitive receptor: C1880)

DISCCART 406012.497903518 3758687.50003121 321.40 1.50
** receptor =B1922+1 (sensitive receptor: C1881)

DISCCART 406012.497903518 3758637.50020853 315.80 1.50
** receptor =B1923+1 (sensitive receptor: C1882)

DISCCART 406062.500703329 3759987.50541887 686.90 1.50
** receptor =B1924+1 (sensitive receptor: C1883)

DISCCART 406062.500703329 3759837.50595083 582.90 1.50
** receptor =B1925+1 (sensitive receptor: C1884)

DISCCART 406062.500703329 3759787.50612815 563.20 1.50
** receptor =B1926+1 (sensitive receptor: C1885)

DISCCART 406062.500703329 3759737.50630547 545.60 1.50
** receptor =B1927+1 (sensitive receptor: C1886)

DISCCART 406062.500703329 3759687.50648279 548.50 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B1928+1 (sensitive receptor: C1887)
DISCCART 406062.500703329 3759637.50666011 528.50 1.50

** receptor =B1929+1 (sensitive receptor: C1888)
DISCCART 406062.500703329 3759587.50683743 517.70 1.50

** receptor =B1930+1 (sensitive receptor: C1889)
DISCCART 406062.500703329 3759537.50701475 480.20 1.50

** receptor =B1931+1 (sensitive receptor: C1890)
DISCCART 406062.500703329 3759487.50719207 465.80 1.50

** receptor =B1932+1 (sensitive receptor: C1891)
DISCCART 406062.500703329 3759437.50736939 454.00 1.50

** receptor =B1933+1 (sensitive receptor: C1892)
DISCCART 406062.500703329 3759387.49754874 437.60 1.50

** receptor =B1934+1 (sensitive receptor: C1893)
DISCCART 406062.500703329 3759337.49772606 424.50 1.50

** receptor =B1935+1 (sensitive receptor: C1894)
DISCCART 406062.500703329 3759287.49790338 414.80 1.50

** receptor =B1936+1 (sensitive receptor: C1895)
DISCCART 406062.500703329 3759237.4980807 393.60 1.50

** receptor =B1937+1 (sensitive receptor: C1896)
DISCCART 406062.500703329 3759187.49825802 390.30 1.50

** receptor =B1938+1 (sensitive receptor: C1897)
DISCCART 406062.500703329 3759137.49843534 383.70 1.50

** receptor =B1939+1 (sensitive receptor: C1898)
DISCCART 406062.500703329 3759087.49861266 377.10 1.50

** receptor =B1940+1 (sensitive receptor: C1899)
DISCCART 406062.500703329 3759037.49878997 370.60 1.50

** receptor =B1941+1 (sensitive receptor: C1900)
DISCCART 406062.500703329 3758987.49896729 367.30 1.50

** receptor =B1942+1 (sensitive receptor: C1901)
DISCCART 406062.500703329 3758937.49914461 357.50 1.50

** receptor =B1943+1 (sensitive receptor: C1902)
DISCCART 406062.500703329 3758887.49932193 351.90 1.50

** receptor =B1944+1 (sensitive receptor: C1903)
DISCCART 406062.500703329 3758837.49949925 344.40 1.50

** receptor =B1945+1 (sensitive receptor: C1904)
DISCCART 406062.500703329 3758787.49967657 337.80 1.50

** receptor =B1946+1 (sensitive receptor: C1905)
DISCCART 406062.500703329 3758737.49985389 332.20 1.50

** receptor =B1947+1 (sensitive receptor: C1906)
DISCCART 406062.500703329 3758687.50003121 324.70 1.50

** receptor =B1948+1 (sensitive receptor: C1907)
DISCCART 406062.500703329 3758637.50020853 321.40 1.50

** receptor =B1949+1 (sensitive receptor: C1908)
DISCCART 406112.495257296 3759987.50541887 592.60 1.50

** receptor =B1950+1 (sensitive receptor: C1909)
DISCCART 406112.495257296 3759837.50595083 488.70 1.50

** receptor =B1951+1 (sensitive receptor: C1910)
DISCCART 406112.495257296 3759787.50612815 485.40 1.50

** receptor =B1952+1 (sensitive receptor: C1911)
DISCCART 406112.495257296 3759737.50630547 478.00 1.50

** receptor =B1953+1 (sensitive receptor: C1912)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406112.495257296 3759687.50648279 475.60 1.50
** receptor =B1954+1 (sensitive receptor: C1913)

DISCCART 406112.495257296 3759637.50666011 469.00 1.50
** receptor =B1955+1 (sensitive receptor: C1914)

DISCCART 406112.495257296 3759587.50683743 469.00 1.50
** receptor =B1956+1 (sensitive receptor: C1915)

DISCCART 406112.495257296 3759537.50701475 464.80 1.50
** receptor =B1957+1 (sensitive receptor: C1916)

DISCCART 406112.495257296 3759487.50719207 448.70 1.50
** receptor =B1958+1 (sensitive receptor: C1917)

DISCCART 406112.495257296 3759437.50736939 426.30 1.50
** receptor =B1959+1 (sensitive receptor: C1918)

DISCCART 406112.495257296 3759387.49754874 417.50 1.50
** receptor =B1960+1 (sensitive receptor: C1919)

DISCCART 406112.495257296 3759337.49772606 421.60 1.50
** receptor =B1961+1 (sensitive receptor: C1920)

DISCCART 406112.495257296 3759287.49790338 418.40 1.50
** receptor =B1962+1 (sensitive receptor: C1921)

DISCCART 406112.495257296 3759237.4980807 404.30 1.50
** receptor =B1963+1 (sensitive receptor: C1922)

DISCCART 406112.495257296 3759187.49825802 397.80 1.50
** receptor =B1964+1 (sensitive receptor: C1923)

DISCCART 406112.495257296 3759137.49843534 390.30 1.50
** receptor =B1965+1 (sensitive receptor: C1924)

DISCCART 406112.495257296 3759087.49861266 383.70 1.50
** receptor =B1966+1 (sensitive receptor: C1925)

DISCCART 406112.495257296 3759037.49878997 378.10 1.50
** receptor =B1967+1 (sensitive receptor: C1926)

DISCCART 406112.495257296 3758987.49896729 373.90 1.50
** receptor =B1968+1 (sensitive receptor: C1927)

DISCCART 406112.495257296 3758937.49914461 365.00 1.50
** receptor =B1969+1 (sensitive receptor: C1928)

DISCCART 406112.495257296 3758887.49932193 358.40 1.50
** receptor =B1970+1 (sensitive receptor: C1929)

DISCCART 406112.495257296 3758837.49949925 351.90 1.50
** receptor =B1971+1 (sensitive receptor: C1930)

DISCCART 406112.495257296 3758787.49967657 344.30 1.50
** receptor =B1972+1 (sensitive receptor: C1931)

DISCCART 406112.495257296 3758737.49985389 335.50 1.50
** receptor =B1973+1 (sensitive receptor: C1932)

DISCCART 406112.495257296 3758687.50003121 331.20 1.50
** receptor =B1974+1 (sensitive receptor: C1933)

DISCCART 406112.495257296 3758637.50020853 324.70 1.50
** receptor =B1975+1 (sensitive receptor: C1934)

DISCCART 406162.498057107 3759987.50541887 509.70 1.50
** receptor =B1976+1 (sensitive receptor: C1935)

DISCCART 406162.498057107 3759837.50595083 503.20 1.50
** receptor =B1977+1 (sensitive receptor: C1936)

DISCCART 406162.498057107 3759787.50612815 506.00 1.50
** receptor =B1978+1 (sensitive receptor: C1937)

DISCCART 406162.498057107 3759437.50736939 449.80 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B1979+1 (sensitive receptor: C1938)
DISCCART 406162.498057107 3759387.49754874 454.50 1.50

** receptor =B1980+1 (sensitive receptor: C1939)
DISCCART 406162.498057107 3759337.49772606 452.20 1.50

** receptor =B1981+1 (sensitive receptor: C1940)
DISCCART 406162.498057107 3759287.49790338 433.80 1.50

** receptor =B1982+1 (sensitive receptor: C1941)
DISCCART 406162.498057107 3759237.4980807 414.20 1.50

** receptor =B1983+1 (sensitive receptor: C1942)
DISCCART 406162.498057107 3759187.49825802 404.30 1.50

** receptor =B1984+1 (sensitive receptor: C1943)
DISCCART 406162.498057107 3759137.49843534 396.80 1.50

** receptor =B1985+1 (sensitive receptor: C1944)
DISCCART 406162.498057107 3759087.49861266 390.30 1.50

** receptor =B1986+1 (sensitive receptor: C1945)
DISCCART 406162.498057107 3759037.49878997 384.70 1.50

** receptor =B1987+1 (sensitive receptor: C1946)
DISCCART 406162.498057107 3758987.49896729 380.50 1.50

** receptor =B1988+1 (sensitive receptor: C1947)
DISCCART 406162.498057107 3758937.49914461 371.50 1.50

** receptor =B1989+1 (sensitive receptor: C1948)
DISCCART 406162.498057107 3758887.49932193 364.10 1.50

** receptor =B1990+1 (sensitive receptor: C1949)
DISCCART 406162.498057107 3758837.49949925 357.50 1.50

** receptor =B1991+1 (sensitive receptor: C1950)
DISCCART 406162.498057107 3758787.49967657 347.60 1.50

** receptor =B1992+1 (sensitive receptor: C1951)
DISCCART 406162.498057107 3758737.49985389 337.80 1.50

** receptor =B1993+1 (sensitive receptor: C1952)
DISCCART 406162.498057107 3758687.50003121 334.50 1.50

** receptor =B1994+1 (sensitive receptor: C1953)
DISCCART 406162.498057107 3758637.50020853 328.00 1.50

** receptor =B1995+1 (sensitive receptor: C1954)
DISCCART 406212.500856919 3759437.50736939 498.50 1.50

** receptor =B1996+1 (sensitive receptor: C1955)
DISCCART 406212.500856919 3759387.49754874 483.00 1.50

** receptor =B1997+1 (sensitive receptor: C1956)
DISCCART 406212.500856919 3759337.49772606 462.50 1.50

** receptor =B1998+1 (sensitive receptor: C1957)
DISCCART 406212.500856919 3759287.49790338 442.70 1.50

** receptor =B1999+1 (sensitive receptor: C1958)
DISCCART 406212.500856919 3759237.4980807 420.70 1.50

** receptor =B2000+1 (sensitive receptor: C1959)
DISCCART 406212.500856919 3759187.49825802 410.00 1.50

** receptor =B2001+1 (sensitive receptor: C1960)
DISCCART 406212.500856919 3759137.49843534 403.40 1.50

** receptor =B2002+1 (sensitive receptor: C1961)
DISCCART 406212.500856919 3759087.49861266 396.80 1.50

** receptor =B2003+1 (sensitive receptor: C1962)
DISCCART 406212.500856919 3759037.49878997 390.20 1.50

** receptor =B2004+1 (sensitive receptor: C1963)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406212.500856919 3758987.49896729 383.70 1.50
** receptor =B2005+1 (sensitive receptor: C1964)
DISCCART 406212.500856919 3758937.49914461 377.10 1.50
** receptor =B2006+1 (sensitive receptor: C1965)
DISCCART 406212.500856919 3758887.49932193 367.30 1.50
** receptor =B2007+1 (sensitive receptor: C1966)
DISCCART 406212.500856919 3758837.49949925 358.40 1.50
** receptor =B2008+1 (sensitive receptor: C1967)
DISCCART 406212.500856919 3758787.49967657 350.90 1.50
** receptor =B2009+1 (sensitive receptor: C1968)
DISCCART 406212.500856919 3758737.49985389 341.10 1.50
** receptor =B2010+1 (sensitive receptor: C1969)
DISCCART 406212.500856919 3758687.50003121 337.80 1.50
** receptor =B2011+1 (sensitive receptor: C1970)
DISCCART 406212.500856919 3758637.50020853 334.50 1.50
** receptor =B2012+1 (sensitive receptor: C1971)
DISCCART 406262.495410886 3759437.50736939 502.70 1.50
** receptor =B2013+1 (sensitive receptor: C1972)
DISCCART 406262.495410886 3759387.49754874 490.40 1.50
** receptor =B2014+1 (sensitive receptor: C1973)
DISCCART 406262.495410886 3759337.49772606 459.10 1.50
** receptor =B2015+1 (sensitive receptor: C1974)
DISCCART 406262.495410886 3759287.49790338 446.00 1.50
** receptor =B2016+1 (sensitive receptor: C1975)
DISCCART 406262.495410886 3759237.4980807 430.50 1.50
** receptor =B2017+1 (sensitive receptor: C1976)
DISCCART 406262.495410886 3759187.49825802 416.50 1.50
** receptor =B2018+1 (sensitive receptor: C1977)
DISCCART 406262.495410886 3759137.49843534 406.70 1.50
** receptor =B2019+1 (sensitive receptor: C1978)
DISCCART 406262.495410886 3759087.49861266 400.20 1.50
** receptor =B2020+1 (sensitive receptor: C1979)
DISCCART 406262.495410886 3759037.49878997 393.50 1.50
** receptor =B2021+1 (sensitive receptor: C1980)
DISCCART 406262.495410886 3758987.49896729 383.70 1.50
** receptor =B2022+1 (sensitive receptor: C1981)
DISCCART 406262.495410886 3758937.49914461 377.10 1.50
** receptor =B2023+1 (sensitive receptor: C1982)
DISCCART 406262.495410886 3758887.49932193 367.40 1.50
** receptor =B2024+1 (sensitive receptor: C1983)
DISCCART 406262.495410886 3758837.49949925 359.80 1.50
** receptor =B2025+1 (sensitive receptor: C1984)
DISCCART 406262.495410886 3758787.49967657 354.20 1.50
** receptor =B2026+1 (sensitive receptor: C1985)
DISCCART 406262.495410886 3758737.49985389 344.40 1.50
** receptor =B2027+1 (sensitive receptor: C1986)
DISCCART 406262.495410886 3758687.50003121 341.10 1.50
** receptor =B2028+1 (sensitive receptor: C1987)
DISCCART 406262.495410886 3758637.50020853 337.80 1.50
** receptor =B2029+1 (sensitive receptor: C1988)
DISCCART 406312.498210697 3759437.50736939 511.60 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B2030+1 (sensitive receptor: C1989)
DISCCART 406312.498210697 3759387.49754874 505.00 1.50

** receptor =B2031+1 (sensitive receptor: C1990)
DISCCART 406312.498210697 3759337.49772606 473.10 1.50

** receptor =B2032+1 (sensitive receptor: C1991)
DISCCART 406312.498210697 3759287.49790338 452.60 1.50

** receptor =B2033+1 (sensitive receptor: C1992)
DISCCART 406312.498210697 3759237.4980807 436.20 1.50

** receptor =B2034+1 (sensitive receptor: C1993)
DISCCART 406312.498210697 3759187.49825802 419.80 1.50

** receptor =B2035+1 (sensitive receptor: C1994)
DISCCART 406312.498210697 3759137.49843534 409.90 1.50

** receptor =B2036+1 (sensitive receptor: C1995)
DISCCART 406312.498210697 3759087.49861266 400.20 1.50

** receptor =B2037+1 (sensitive receptor: C1996)
DISCCART 406312.498210697 3759037.49878997 393.50 1.50

** receptor =B2038+1 (sensitive receptor: C1997)
DISCCART 406312.498210697 3758987.49896729 383.70 1.50

** receptor =B2039+1 (sensitive receptor: C1998)
DISCCART 406312.498210697 3758937.49914461 373.90 1.50

** receptor =B2040+1 (sensitive receptor: C1999)
DISCCART 406312.498210697 3758887.49932193 367.40 1.50

** receptor =B2041+1 (sensitive receptor: C2000)
DISCCART 406312.498210697 3758837.49949925 360.70 1.50

** receptor =B2042+1 (sensitive receptor: C2001)
DISCCART 406312.498210697 3758787.49967657 354.20 1.50

** receptor =B2043+1 (sensitive receptor: C2002)
DISCCART 406312.498210697 3758737.49985389 347.70 1.50

** receptor =B2044+1 (sensitive receptor: C2003)
DISCCART 406312.498210697 3758687.50003121 344.40 1.50

** receptor =B2045+1 (sensitive receptor: C2004)
DISCCART 406312.498210697 3758637.50020853 342.00 1.50

** receptor =B2046+1 (sensitive receptor: C2005)
DISCCART 406362.501010508 3759437.50736939 495.70 1.50

** receptor =B2047+1 (sensitive receptor: C2006)
DISCCART 406362.501010508 3759387.49754874 485.90 1.50

** receptor =B2048+1 (sensitive receptor: C2007)
DISCCART 406362.501010508 3759337.49772606 471.20 1.50

** receptor =B2049+1 (sensitive receptor: C2008)
DISCCART 406362.501010508 3759287.49790338 449.30 1.50

** receptor =B2050+1 (sensitive receptor: C2009)
DISCCART 406362.501010508 3759237.4980807 436.20 1.50

** receptor =B2051+1 (sensitive receptor: C2010)
DISCCART 406362.501010508 3759187.49825802 423.00 1.50

** receptor =B2052+1 (sensitive receptor: C2011)
DISCCART 406362.501010508 3759137.49843534 413.20 1.50

** receptor =B2053+1 (sensitive receptor: C2012)
DISCCART 406362.501010508 3759087.49861266 403.40 1.50

** receptor =B2054+1 (sensitive receptor: C2013)
DISCCART 406362.501010508 3759037.49878997 393.60 1.50

** receptor =B2055+1 (sensitive receptor: C2014)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406362.501010508 3758987.49896729 383.80 1.50
** receptor =B2056+1 (sensitive receptor: C2015)
DISCCART 406362.501010508 3758937.49914461 377.10 1.50
** receptor =B2057+1 (sensitive receptor: C2016)
DISCCART 406362.501010508 3758887.49932193 366.40 1.50
** receptor =B2058+1 (sensitive receptor: C2017)
DISCCART 406362.501010508 3758837.49949925 357.50 1.50
** receptor =B2059+1 (sensitive receptor: C2018)
DISCCART 406362.501010508 3758787.49967657 354.20 1.50
** receptor =B2060+1 (sensitive receptor: C2019)
DISCCART 406362.501010508 3758737.49985389 351.90 1.50
** receptor =B2061+1 (sensitive receptor: C2020)
DISCCART 406362.501010508 3758687.50003121 351.00 1.50
** receptor =B2062+1 (sensitive receptor: C2021)
DISCCART 406362.501010508 3758637.50020853 347.70 1.50
** receptor =B2063+1 (sensitive receptor: C2022)
DISCCART 406412.503810319 3759337.49772606 455.80 1.50
** receptor =B2064+1 (sensitive receptor: C2023)
DISCCART 406412.503810319 3759287.49790338 446.10 1.50
** receptor =B2065+1 (sensitive receptor: C2024)
DISCCART 406412.503810319 3759237.4980807 439.50 1.50
** receptor =B2066+1 (sensitive receptor: C2025)
DISCCART 406412.503810319 3759187.49825802 426.30 1.50
** receptor =B2067+1 (sensitive receptor: C2026)
DISCCART 406412.503810319 3759137.49843534 413.30 1.50
** receptor =B2068+1 (sensitive receptor: C2027)
DISCCART 406412.503810319 3759087.49861266 403.40 1.50
** receptor =B2069+1 (sensitive receptor: C2028)
DISCCART 406412.503810319 3759037.49878997 393.60 1.50
** receptor =B2070+1 (sensitive receptor: C2029)
DISCCART 406412.503810319 3758987.49896729 387.00 1.50
** receptor =B2071+1 (sensitive receptor: C2030)
DISCCART 406412.503810319 3758937.49914461 378.10 1.50
** receptor =B2072+1 (sensitive receptor: C2031)
DISCCART 406412.503810319 3758887.49932193 364.00 1.50
** receptor =B2073+1 (sensitive receptor: C2032)
DISCCART 406412.503810319 3758837.49949925 357.50 1.50
** receptor =B2074+1 (sensitive receptor: C2033)
DISCCART 406412.503810319 3758787.49967657 355.20 1.50
** receptor =B2075+1 (sensitive receptor: C2034)
DISCCART 406412.503810319 3758737.49985389 357.50 1.50
** receptor =B2076+1 (sensitive receptor: C2035)
DISCCART 406412.503810319 3758687.50003121 357.50 1.50
** receptor =B2077+1 (sensitive receptor: C2036)
DISCCART 406412.503810319 3758637.50020853 355.10 1.50
** receptor =B2078+1 (sensitive receptor: C2037)
DISCCART 406462.498364286 3759287.49790338 449.30 1.50
** receptor =B2079+1 (sensitive receptor: C2038)
DISCCART 406462.498364286 3759237.4980807 439.40 1.50
** receptor =B2080+1 (sensitive receptor: C2039)
DISCCART 406462.498364286 3759187.49825802 426.30 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B2081+1 (sensitive receptor: C2040)
DISCCART 406462.498364286 3759137.49843534 413.20 1.50

** receptor =B2082+1 (sensitive receptor: C2041)
DISCCART 406462.498364286 3759087.49861266 400.20 1.50

** receptor =B2083+1 (sensitive receptor: C2042)
DISCCART 406462.498364286 3759037.49878997 393.60 1.50

** receptor =B2084+1 (sensitive receptor: C2043)
DISCCART 406462.498364286 3758987.49896729 387.00 1.50

** receptor =B2085+1 (sensitive receptor: C2044)
DISCCART 406462.498364286 3758937.49914461 380.50 1.50

** receptor =B2086+1 (sensitive receptor: C2045)
DISCCART 406462.498364286 3758887.49932193 368.20 1.50

** receptor =B2087+1 (sensitive receptor: C2046)
DISCCART 406462.498364286 3758837.49949925 358.40 1.50

** receptor =B2088+1 (sensitive receptor: C2047)
DISCCART 406462.498364286 3758787.49967657 361.70 1.50

** receptor =B2089+1 (sensitive receptor: C2048)
DISCCART 406462.498364286 3758737.49985389 361.70 1.50

** receptor =B2090+1 (sensitive receptor: C2049)
DISCCART 406462.498364286 3758687.50003121 364.00 1.50

** receptor =B2091+1 (sensitive receptor: C2050)
DISCCART 406462.498364286 3758637.50020853 358.40 1.50

** receptor =B2092+1 (sensitive receptor: C2051)
DISCCART 406512.501164097 3759287.49790338 452.60 1.50

** receptor =B2093+1 (sensitive receptor: C2052)
DISCCART 406512.501164097 3759237.4980807 439.50 1.50

** receptor =B2094+1 (sensitive receptor: C2053)
DISCCART 406512.501164097 3759187.49825802 424.00 1.50

** receptor =B2095+1 (sensitive receptor: C2054)
DISCCART 406512.501164097 3759137.49843534 414.20 1.50

** receptor =B2096+1 (sensitive receptor: C2055)
DISCCART 406512.501164097 3759087.49861266 406.60 1.50

** receptor =B2097+1 (sensitive receptor: C2056)
DISCCART 406512.501164097 3759037.49878997 397.80 1.50

** receptor =B2098+1 (sensitive receptor: C2057)
DISCCART 406512.501164097 3758987.49896729 390.20 1.50

** receptor =B2099+1 (sensitive receptor: C2058)
DISCCART 406512.501164097 3758937.49914461 382.80 1.50

** receptor =B2100+1 (sensitive receptor: C2059)
DISCCART 406512.501164097 3758887.49932193 373.90 1.50

** receptor =B2101+1 (sensitive receptor: C2060)
DISCCART 406512.501164097 3758837.49949925 374.80 1.50

** receptor =B2102+1 (sensitive receptor: C2061)
DISCCART 406512.501164097 3758787.49967657 371.60 1.50

** receptor =B2103+1 (sensitive receptor: C2062)
DISCCART 406512.501164097 3758737.49985389 371.60 1.50

** receptor =B2104+1 (sensitive receptor: C2063)
DISCCART 406512.501164097 3758687.50003121 368.30 1.50

** receptor =B2105+1 (sensitive receptor: C2064)
DISCCART 406512.501164097 3758637.50020853 365.00 1.50

** receptor =B2106+1 (sensitive receptor: C2065)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406562.495718064 3759237.4980807 443.60 1.50
** receptor =B2107+1 (sensitive receptor: C2066)

DISCCART 406562.495718064 3759187.49825802 432.90 1.50
** receptor =B2108+1 (sensitive receptor: C2067)

DISCCART 406562.495718064 3759137.49843534 419.80 1.50
** receptor =B2109+1 (sensitive receptor: C2068)

DISCCART 406562.495718064 3759087.49861266 410.90 1.50
** receptor =B2110+1 (sensitive receptor: C2069)

DISCCART 406562.495718064 3759037.49878997 403.40 1.50
** receptor =B2111+1 (sensitive receptor: C2070)

DISCCART 406562.495718064 3758987.49896729 393.50 1.50
** receptor =B2112+1 (sensitive receptor: C2071)

DISCCART 406562.495718064 3758937.49914461 381.40 1.50
** receptor =B2113+1 (sensitive receptor: C2072)

DISCCART 406562.495718064 3758887.49932193 381.40 1.50
** receptor =B2114+1 (sensitive receptor: C2073)

DISCCART 406562.495718064 3758837.49949925 384.70 1.50
** receptor =B2115+1 (sensitive receptor: C2074)

DISCCART 406562.495718064 3758787.49967657 381.40 1.50
** receptor =B2116+1 (sensitive receptor: C2075)

DISCCART 406562.495718064 3758737.49985389 380.40 1.50
** receptor =B2117+1 (sensitive receptor: C2076)

DISCCART 406562.495718064 3758687.50003121 374.80 1.50
** receptor =B2118+1 (sensitive receptor: C2077)

DISCCART 406562.495718064 3758637.50020853 370.60 1.50
** receptor =B2119+1 (sensitive receptor: C2078)

DISCCART 406562.495718064 3758587.50038585 364.10 1.50
** receptor =B2120+1 (sensitive receptor: C2079)

DISCCART 406612.498517875 3759187.49825802 440.40 1.50
** receptor =B2121+1 (sensitive receptor: C2080)

DISCCART 406612.498517875 3759137.49843534 427.30 1.50
** receptor =B2122+1 (sensitive receptor: C2081)

DISCCART 406612.498517875 3759087.49861266 416.50 1.50
** receptor =B2123+1 (sensitive receptor: C2082)

DISCCART 406612.498517875 3759037.49878997 403.40 1.50
** receptor =B2124+1 (sensitive receptor: C2083)

DISCCART 406612.498517875 3758987.49896729 396.80 1.50
** receptor =B2125+1 (sensitive receptor: C2084)

DISCCART 406612.498517875 3758937.49914461 397.80 1.50
** receptor =B2126+1 (sensitive receptor: C2085)

DISCCART 406612.498517875 3758887.49932193 397.80 1.50
** receptor =B2127+1 (sensitive receptor: C2086)

DISCCART 406612.498517875 3758837.49949925 393.60 1.50
** receptor =B2128+1 (sensitive receptor: C2087)

DISCCART 406612.498517875 3758787.49967657 387.00 1.50
** receptor =B2129+1 (sensitive receptor: C2088)

DISCCART 406612.498517875 3758737.49985389 383.70 1.50
** receptor =B2130+1 (sensitive receptor: C2089)

DISCCART 406612.498517875 3758687.50003121 380.40 1.50
** receptor =B2131+1 (sensitive receptor: C2090)

DISCCART 406612.498517875 3758637.50020853 370.60 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B2132+1 (sensitive receptor: C2091)
DISCCART 406612.498517875 3758587.50038585 364.10 1.50

** receptor =B2133+1 (sensitive receptor: C2092)
DISCCART 406662.501317687 3759187.49825802 446.00 1.50

** receptor =B2134+1 (sensitive receptor: C2093)
DISCCART 406662.501317687 3759137.49843534 429.60 1.50

** receptor =B2135+1 (sensitive receptor: C2094)
DISCCART 406662.501317687 3759087.49861266 419.80 1.50

** receptor =B2136+1 (sensitive receptor: C2095)
DISCCART 406662.501317687 3759037.49878997 410.90 1.50

** receptor =B2137+1 (sensitive receptor: C2096)
DISCCART 406662.501317687 3758987.49896729 408.60 1.50

** receptor =B2138+1 (sensitive receptor: C2097)
DISCCART 406662.501317687 3758937.49914461 410.00 1.50

** receptor =B2139+1 (sensitive receptor: C2098)
DISCCART 406662.501317687 3758887.49932193 403.40 1.50

** receptor =B2140+1 (sensitive receptor: C2099)
DISCCART 406662.501317687 3758837.49949925 400.10 1.50

** receptor =B2141+1 (sensitive receptor: C2100)
DISCCART 406662.501317687 3758787.49967657 390.30 1.50

** receptor =B2142+1 (sensitive receptor: C2101)
DISCCART 406662.501317687 3758737.49985389 383.80 1.50

** receptor =B2143+1 (sensitive receptor: C2102)
DISCCART 406712.495871654 3759137.49843534 430.50 1.50

** receptor =B2144+1 (sensitive receptor: C2103)
DISCCART 406712.495871654 3759087.49861266 430.70 1.50

** receptor =B2145+1 (sensitive receptor: C2104)
DISCCART 406712.495871654 3759037.49878997 428.20 1.50

** receptor =B2146+1 (sensitive receptor: C2105)
DISCCART 406712.495871654 3758987.49896729 424.00 1.50

** receptor =B2147+1 (sensitive receptor: C2106)
DISCCART 406712.495871654 3758937.49914461 419.80 1.50

** receptor =B2148+1 (sensitive receptor: C2107)
DISCCART 406712.495871654 3758887.49932193 405.70 1.50

** receptor =B2149+1 (sensitive receptor: C2108)
DISCCART 406712.495871654 3758587.50038585 373.80 1.50

** receptor =B2150+1 (sensitive receptor: C2109)
DISCCART 406762.498671465 3759037.49878997 446.90 1.50

** receptor =B2151+1 (sensitive receptor: C2110)
DISCCART 406762.498671465 3758987.49896729 432.80 1.50

** receptor =B2152+1 (sensitive receptor: C2111)
DISCCART 406762.498671465 3758937.49914461 416.60 1.50

** receptor =B2153+1 (sensitive receptor: C2112)
DISCCART 406762.498671465 3758687.50003121 388.00 1.50

** receptor =B2154+1 (sensitive receptor: C2113)
DISCCART 406762.498671465 3758637.50020853 382.80 1.50

** receptor =B2155+1 (sensitive receptor: C2114)
DISCCART 406762.498671465 3758587.50038585 373.90 1.50

** receptor =B2156+1 (sensitive receptor: C2115)
DISCCART 406812.501471276 3758987.49896729 435.20 1.50

** receptor =B2157+1 (sensitive receptor: C2116)

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DISCCART 406812.501471276 3758687.50003121 397.80 1.50
** receptor =B2158+1 (sensitive receptor: C2117)
DISCCART 406812.501471276 3758637.50020853 384.70 1.50
** receptor =B2159+1 (sensitive receptor: C2118)
DISCCART 406812.501471276 3758587.50038585 379.40 1.50
** receptor =B2160+1 (sensitive receptor: C2119)
DISCCART 406862.496025243 3758737.49985389 406.70 1.50
** receptor =B2161+1 (sensitive receptor: C2120)
DISCCART 406862.496025243 3758687.50003121 400.10 1.50
** receptor =B2162+1 (sensitive receptor: C2121)
DISCCART 406862.496025243 3758637.50020853 387.00 1.50
** receptor =B2163+1 (sensitive receptor: C2122)
DISCCART 406862.496025243 3758587.50038585 356.60 1.50
** receptor =B2164+1 (sensitive receptor: C2123)
DISCCART 406912.498825054 3758787.49967657 416.60 1.50
** receptor =B2165+1 (sensitive receptor: C2124)
DISCCART 406912.498825054 3758737.49985389 403.40 1.50
** receptor =B2166+1 (sensitive receptor: C2125)
DISCCART 406912.498825054 3758687.50003121 393.60 1.50
** receptor =B2167+1 (sensitive receptor: C2126)
DISCCART 406912.498825054 3758637.50020853 382.70 1.50
** receptor =B2168+1 (sensitive receptor: C2127)
DISCCART 406912.498825054 3758587.50038585 378.20 1.50
** receptor =B2169+1 (sensitive receptor: C2128)
DISCCART 406962.501624865 3758737.49985389 403.40 1.50
** receptor =B2170+1 (sensitive receptor: C2129)
DISCCART 406962.501624865 3758687.50003121 393.50 1.50
** receptor =B2171+1 (sensitive receptor: C2130)
DISCCART 406962.501624865 3758637.50020853 377.20 1.50
** receptor =B2172+1 (sensitive receptor: C2131)
DISCCART 406962.501624865 3758587.50038585 383.80 1.50
** receptor =B2173+1 (sensitive receptor: C2132)
DISCCART 407012.504424677 3758687.50003121 390.20 1.50
** receptor =B2174+1 (sensitive receptor: C2133)
DISCCART 407012.504424677 3758637.50020853 378.20 1.50
** receptor =B2175+1 (sensitive receptor: C2134)
DISCCART 407012.504424677 3758587.50038585 391.30 1.50
** receptor =B2176+1 (sensitive receptor: C2135)
DISCCART 407062.498978644 3758687.50003121 383.70 1.50
** receptor =B2177+1 (sensitive receptor: C2136)
DISCCART 407062.498978644 3758637.50020853 389.00 1.50
** receptor =B2178+1 (sensitive receptor: C2137)
DISCCART 407062.498978644 3758587.50038585 400.20 1.50
** receptor =B2179+1 (sensitive receptor: C2138)
DISCCART 407112.501778455 3758637.50020853 404.40 1.50
** receptor =B2180+1 (sensitive receptor: C2139)
DISCCART 407112.501778455 3758587.50038585 410.00 1.50
** receptor =B2181+1 (sensitive receptor: C2140)
DISCCART 407162.496332422 3758637.50020853 416.60 1.50
** receptor =B2182+1 (sensitive receptor: C2141)
DISCCART 407162.496332422 3758587.50038585 416.60 1.50

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NOx Peak Hour Emissions Unmitigated

** receptor =B2183+1 (sensitive receptor: C2142)
DISCCART 407212.499132233 3758637.50020853 433.00 1.50

** receptor =B2184+1 (sensitive receptor: C2143)
DISCCART 407212.499132233 3758587.50038585 447.10 1.50

** receptor =B2185+1 (sensitive receptor: C2144)
DISCCART 407262.501932044 3758637.50020853 450.30 1.50

** receptor =B2186+1 (sensitive receptor: C2145)
DISCCART 407262.501932044 3758587.50038585 453.60 1.50

** receptor =B2187+1 (sensitive receptor: C2146)
DISCCART 407312.496486011 3758637.50020853 466.70 1.50

** receptor =B2188+1 (sensitive receptor: C2147)
DISCCART 407312.496486011 3758587.50038585 463.40 1.50

** receptor =B2189+1 (sensitive receptor: C2148)
DISCCART 407362.499285822 3758637.50020853 479.80 1.50

** receptor =B2190+1 (sensitive receptor: C2149)
DISCCART 407362.499285822 3758587.50038585 479.80 1.50

** receptor =B2191+1 (sensitive receptor: C2150)
DISCCART 407412.502085634 3758637.50020853 499.50 1.50

** receptor =B2192+1 (sensitive receptor: C2151)
DISCCART 407412.502085634 3758587.50038585 502.80 1.50

** receptor =B2193+1 (sensitive receptor: C2152)
DISCCART 407462.4966396 3758637.50020853 500.90 1.50

** receptor =B2194+1 (sensitive receptor: C2153)
DISCCART 407462.4966396 3758587.50038585 508.50 1.50

** receptor =B2195+1 (sensitive receptor: C2154)
DISCCART 407512.499439412 3758637.50020853 481.20 1.50

** receptor =B2196+1 (sensitive receptor: C2155)
DISCCART 407512.499439412 3758587.50038585 479.40 1.50

** receptor =B2197+1 (sensitive receptor: C2156)
DISCCART 407562.502239223 3758637.50020853 0.00 1.50

** receptor =B2198+1 (sensitive receptor: C2157)
DISCCART 407562.502239223 3758587.50038585 0.00 1.50

** receptor =B2199+1 (sensitive receptor: C2158)
DISCCART 407612.49679319 3758637.50020853 0.00 1.50

** receptor =B2200+1 (sensitive receptor: C2159)
DISCCART 407612.49679319 3758587.50038585 0.00 1.50

** receptor =B2201+1 (sensitive receptor: C2160)
DISCCART 407662.499593001 3758637.50020853 0.00 1.50

** receptor =B2202+1 (sensitive receptor: C2161)
DISCCART 407662.499593001 3758587.50038585 0.00 1.50

** receptor =B2203+1 (sensitive receptor: C2162)
DISCCART 407712.502392812 3758637.50020853 0.00 1.50

** receptor =B2204+1 (sensitive receptor: C2163)
DISCCART 407712.502392812 3758587.50038585 0.00 1.50

** receptor =B2205+1 (sensitive receptor: C2164)
DISCCART 407762.496946779 3758637.50020853 0.00 1.50

** receptor =B2206+1 (sensitive receptor: C2165)
DISCCART 407762.496946779 3758587.50038585 0.00 1.50

** receptor =B2207+1 (sensitive receptor: C2166)
DISCCART 407812.49974659 3758637.50020853 0.00 1.50

** receptor =B2208+1 (sensitive receptor: C2167)

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DISCCART 407812.49974659 3758587.50038585 0.00 1.50
** receptor =B2209+1 (sensitive receptor: C2168)
DISCCART 407862.502546402 3758637.50020853 0.00 1.50
** receptor =B2210+1 (sensitive receptor: C2169)
DISCCART 407862.502546402 3758587.50038585 0.00 1.50
** receptor =B2211+1 (sensitive receptor: C2170)
DISCCART 407912.497100369 3758637.50020853 0.00 1.50
** receptor =B2212+1 (sensitive receptor: C2171)
DISCCART 407912.497100369 3758587.50038585 0.00 1.50
** receptor =B2213+1 (sensitive receptor: C2172)
DISCCART 407962.49990018 3758637.50020853 0.00 1.50
** receptor =B2214+1 (sensitive receptor: C2173)
DISCCART 407962.49990018 3758587.50038585 0.00 1.50
** receptor =B2215+1 (sensitive receptor: C2174)
DISCCART 408012.502699991 3758637.50020853 0.00 1.50
** receptor =B2216+1 (sensitive receptor: C2175)
DISCCART 408012.502699991 3758587.50038585 0.00 1.50
** receptor =B2217+1 (sensitive receptor: C2176)
DISCCART 408062.497253958 3758637.50020853 0.00 1.50
** receptor =B2218+1 (sensitive receptor: C2177)
DISCCART 408062.497253958 3758587.50038585 0.00 1.50
** receptor =B2219+1 (sensitive receptor: C2178)
DISCCART 408112.500053769 3758637.50020853 0.00 1.50
** receptor =B2220+1 (sensitive receptor: C2179)
DISCCART 408112.500053769 3758587.50038585 0.00 1.50
** receptor =B2221+1 (sensitive receptor: C2180)
DISCCART 405987.496503612 3758537.50056317 305.00 1.50
** receptor =B2222+1 (sensitive receptor: C2181)
DISCCART 406012.497903518 3758537.50056317 308.30 1.50
** receptor =B2223+1 (sensitive receptor: C2182)
DISCCART 406037.499303424 3758537.50056317 310.80 1.50
** receptor =B2224+1 (sensitive receptor: C2183)
DISCCART 406062.500703329 3758537.50056317 311.60 1.50
** receptor =B2225+1 (sensitive receptor: C2184)
DISCCART 406087.502103235 3758537.50056317 314.90 1.50
** receptor =B2226+1 (sensitive receptor: C2185)
DISCCART 406112.495257296 3758537.50056317 315.80 1.50
** receptor =B2227+1 (sensitive receptor: C2186)
DISCCART 406137.496657202 3758537.50056317 318.20 1.50
** receptor =B2228+1 (sensitive receptor: C2187)
DISCCART 406162.498057107 3758537.50056317 321.40 1.50
** receptor =B2229+1 (sensitive receptor: C2188)
DISCCART 406187.499457013 3758537.50056317 324.00 1.50
** receptor =B2230+1 (sensitive receptor: C2189)
DISCCART 406212.500856919 3758537.50056317 327.90 1.50
** receptor =B2231+1 (sensitive receptor: C2190)
DISCCART 406237.502256824 3758537.50056317 330.60 1.50
** receptor =B2232+1 (sensitive receptor: C2191)
DISCCART 406262.495410886 3758537.50056317 334.60 1.50
** receptor =B2233+1 (sensitive receptor: C2192)
DISCCART 406287.496810791 3758537.50056317 337.80 1.50

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NOx Peak Hour Emissions Unmitigated

** receptor =B2234+1 (sensitive receptor: C2193)
DISCCART 406312.498210697 3758537.50056317 341.10 1.50

** receptor =B2235+1 (sensitive receptor: C2194)
DISCCART 406337.499610602 3758537.50056317 343.60 1.50

** receptor =B2236+1 (sensitive receptor: C2195)
DISCCART 406362.501010508 3758537.50056317 344.40 1.50

** receptor =B2237+1 (sensitive receptor: C2196)
DISCCART 406387.502410414 3758537.50056317 346.90 1.50

** receptor =B2238+1 (sensitive receptor: C2197)
DISCCART 406412.503810319 3758537.50056317 347.70 1.50

** receptor =B2239+1 (sensitive receptor: C2198)
DISCCART 406437.496964381 3758537.50056317 351.00 1.50

** receptor =B2240+1 (sensitive receptor: C2199)
DISCCART 406462.498364286 3758537.50056317 354.20 1.50

** receptor =B2241+1 (sensitive receptor: C2200)
DISCCART 406487.499764192 3758537.50056317 354.20 1.50

** receptor =B2242+1 (sensitive receptor: C2201)
DISCCART 406512.501164097 3758537.50056317 357.50 1.50

** receptor =B2243+1 (sensitive receptor: C2202)
DISCCART 406562.495718064 3758537.50056317 357.50 1.50

** receptor =B2244+1 (sensitive receptor: C2203)
DISCCART 406612.498517875 3758537.50056317 360.70 1.50

** receptor =B2245+1 (sensitive receptor: C2204)
DISCCART 406662.501317687 3758537.50056317 357.50 1.50

** receptor =B2246+1 (sensitive receptor: C2205)
DISCCART 406712.495871654 3758537.50056317 360.70 1.50

** receptor =B2247+1 (sensitive receptor: C2206)
DISCCART 406762.498671465 3758537.50056317 357.50 1.50

** receptor =B2248+1 (sensitive receptor: C2207)
DISCCART 406812.501471276 3758537.50056317 360.80 1.50

** receptor =B2249+1 (sensitive receptor: C2208)
DISCCART 406862.496025243 3758537.50056317 365.10 1.50

** receptor =B2250+1 (sensitive receptor: C2209)
DISCCART 406912.498825054 3758537.50056317 377.10 1.50

** receptor =B2251+1 (sensitive receptor: C2210)
DISCCART 406962.501624865 3758537.50056317 388.90 1.50

** receptor =B2252+1 (sensitive receptor: C2211)
DISCCART 407012.504424677 3758537.50056317 400.20 1.50

** receptor =B2253+1 (sensitive receptor: C2212)
DISCCART 407062.498978644 3758537.50056317 403.50 1.50

** receptor =B2254+1 (sensitive receptor: C2213)
DISCCART 407112.501778455 3758537.50056317 416.60 1.50

** receptor =B2255+1 (sensitive receptor: C2214)
DISCCART 407162.496332422 3758537.50056317 426.50 1.50

** receptor =B2256+1 (sensitive receptor: C2215)
DISCCART 407212.499132233 3758537.50056317 462.60 1.50

** receptor =B2257+1 (sensitive receptor: C2216)
DISCCART 407262.501932044 3758537.50056317 465.90 1.50

** receptor =B2258+1 (sensitive receptor: C2217)
DISCCART 407312.496486011 3758537.50056317 482.30 1.50

** receptor =B2259+1 (sensitive receptor: C2218)

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NOx Peak Hour Emissions Unmitigated

DISCCART 407362.499285822 3758537.50056317 483.30 1.50
** receptor =B2260+1 (sensitive receptor: C2219)
DISCCART 407412.502085634 3758537.50056317 496.20 1.50
** receptor =B2261+1 (sensitive receptor: C2220)
DISCCART 407462.4966396 3758537.50056317 519.20 1.50
** receptor =B2262+1 (sensitive receptor: C2221)
DISCCART 407512.499439412 3758537.50056317 486.90 1.50
** receptor =B2263+1 (sensitive receptor: C2222)
DISCCART 407562.502239223 3758537.50056317 0.00 1.50
** receptor =B2264+1 (sensitive receptor: C2223)
DISCCART 407612.49679319 3758537.50056317 0.00 1.50
** receptor =B2265+1 (sensitive receptor: C2224)
DISCCART 407662.499593001 3758537.50056317 0.00 1.50
** receptor =B2266+1 (sensitive receptor: C2225)
DISCCART 407712.502392812 3758537.50056317 0.00 1.50
** receptor =B2267+1 (sensitive receptor: C2226)
DISCCART 407762.496946779 3758537.50056317 0.00 1.50
** receptor =B2268+1 (sensitive receptor: C2227)
DISCCART 407812.49974659 3758537.50056317 0.00 1.50
** receptor =B2269+1 (sensitive receptor: C2228)
DISCCART 407862.502546402 3758537.50056317 0.00 1.50
** receptor =B2270+1 (sensitive receptor: C2229)
DISCCART 407912.497100369 3758537.50056317 0.00 1.50
** receptor =B2271+1 (sensitive receptor: C2230)
DISCCART 407962.49990018 3758537.50056317 0.00 1.50
** receptor =B2272+1 (sensitive receptor: C2231)
DISCCART 408012.502699991 3758537.50056317 0.00 1.50
** receptor =B2273+1 (sensitive receptor: C2232)
DISCCART 408062.497253958 3758537.50056317 0.00 1.50
** receptor =B2274+1 (sensitive receptor: C2233)
DISCCART 408112.500053769 3758537.50056317 0.00 1.50
** receptor =B2275+1 (sensitive receptor: C2234)
DISCCART 405962.503349551 3758587.50038585 308.30 1.50
** receptor =B2276+1 (sensitive receptor: C2235)
DISCCART 406012.497903518 3758587.50038585 311.60 1.50
** receptor =B2277+1 (sensitive receptor: C2236)
DISCCART 406062.500703329 3758587.50038585 314.90 1.50
** receptor =B2278+1 (sensitive receptor: C2237)
DISCCART 406112.495257296 3758587.50038585 318.20 1.50
** receptor =B2279+1 (sensitive receptor: C2238)
DISCCART 406162.498057107 3758587.50038585 324.70 1.50
** receptor =B2280+1 (sensitive receptor: C2239)
DISCCART 406212.500856919 3758587.50038585 331.20 1.50
** receptor =B2281+1 (sensitive receptor: C2240)
DISCCART 406262.495410886 3758587.50038585 335.50 1.50
** receptor =B2282+1 (sensitive receptor: C2241)
DISCCART 406312.498210697 3758587.50038585 342.00 1.50
** receptor =B2283+1 (sensitive receptor: C2242)
DISCCART 406362.501010508 3758587.50038585 345.30 1.50
** receptor =B2284+1 (sensitive receptor: C2243)
DISCCART 406412.503810319 3758587.50038585 351.00 1.50

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NOx Peak Hour Emissions Unmitigated

** receptor =B2285+1 (sensitive receptor: C2244)
DISCCART 406462.498364286 3758587.50038585 357.50 1.50

** receptor =B2286+1 (sensitive receptor: C2245)
DISCCART 406512.501164097 3758587.50038585 360.80 1.50

** receptor =B2287+1 (sensitive receptor: C2246)
DISCCART 405987.496503612 3760012.50033123 754.40 1.50

** receptor =B2288+1 (sensitive receptor: C2247)
DISCCART 405987.496503612 3759962.50050855 734.70 1.50

** receptor =B2289+1 (sensitive receptor: C2248)
DISCCART 405987.496503612 3759912.50068587 712.60 1.50

** receptor =B2290+1 (sensitive receptor: C2249)
DISCCART 405987.496503612 3759862.50086319 672.50 1.50

** receptor =B2291+1 (sensitive receptor: C2250)
DISCCART 405987.496503612 3759812.50104051 637.20 1.50

** receptor =B2292+1 (sensitive receptor: C2251)
DISCCART 405987.496503612 3759762.50121783 623.20 1.50

** receptor =B2293+1 (sensitive receptor: C2252)
DISCCART 405987.496503612 3759712.50139515 590.00 1.50

** receptor =B2294+1 (sensitive receptor: C2253)
DISCCART 405987.496503612 3759662.50157247 544.10 1.50

** receptor =B2295+1 (sensitive receptor: C2254)
DISCCART 405987.496503612 3759612.50174979 531.00 1.50

** receptor =B2296+1 (sensitive receptor: C2255)
DISCCART 405987.496503612 3759562.5019271 525.80 1.50

** receptor =B2297+1 (sensitive receptor: C2256)
DISCCART 405987.496503612 3759512.50210442 531.40 1.50

** receptor =B2298+1 (sensitive receptor: C2257)
DISCCART 405987.496503612 3759462.50228174 529.30 1.50

** receptor =B2299+1 (sensitive receptor: C2258)
DISCCART 405987.496503612 3759412.50245906 502.40 1.50

** receptor =B2300+1 (sensitive receptor: C2259)
DISCCART 405987.496503612 3759362.50263638 470.80 1.50

** receptor =B2301+1 (sensitive receptor: C2260)
DISCCART 405987.496503612 3759312.5028137 442.60 1.50

** receptor =B2302+1 (sensitive receptor: C2261)
DISCCART 405987.496503612 3759262.50299102 415.70 1.50

** receptor =B2303+1 (sensitive receptor: C2262)
DISCCART 405987.496503612 3759212.50316834 380.80 1.50

** receptor =B2304+1 (sensitive receptor: C2263)
DISCCART 405987.496503612 3759162.50334566 377.20 1.50

** receptor =B2305+1 (sensitive receptor: C2264)
DISCCART 405987.496503612 3759112.50352298 371.90 1.50

** receptor =B2306+1 (sensitive receptor: C2265)
DISCCART 405987.496503612 3759062.5037003 363.70 1.50

** receptor =B2307+1 (sensitive receptor: C2266)
DISCCART 405987.496503612 3759012.50387762 357.50 1.50

** receptor =B2308+1 (sensitive receptor: C2267)
DISCCART 405987.496503612 3758962.50405494 355.50 1.50

** receptor =B2309+1 (sensitive receptor: C2268)
DISCCART 405987.496503612 3758912.50423226 348.90 1.50

** receptor =B2310+1 (sensitive receptor: C2269)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 405987.496503612 3758862.50440957 342.30 1.50
** receptor =B2311+1 (sensitive receptor: C2270)
DISCCART 405987.496503612 3758812.50458689 334.60 1.50
** receptor =B2312+1 (sensitive receptor: C2271)
DISCCART 405987.496503612 3758762.50476421 329.20 1.50
** receptor =B2313+1 (sensitive receptor: C2272)
DISCCART 405987.496503612 3758712.50494153 322.70 1.50
** receptor =B2314+1 (sensitive receptor: C2273)
DISCCART 405987.496503612 3758662.50511885 316.40 1.50
** receptor =B2315+1 (sensitive receptor: C2274)
DISCCART 406037.499303424 3760012.50033123 724.10 1.50
** receptor =B2316+1 (sensitive receptor: C2275)
DISCCART 406037.499303424 3759812.50104051 595.50 1.50
** receptor =B2317+1 (sensitive receptor: C2276)
DISCCART 406037.499303424 3759762.50121783 588.60 1.50
** receptor =B2318+1 (sensitive receptor: C2277)
DISCCART 406037.499303424 3759712.50139515 585.00 1.50
** receptor =B2319+1 (sensitive receptor: C2278)
DISCCART 406037.499303424 3759662.50157247 546.00 1.50
** receptor =B2320+1 (sensitive receptor: C2279)
DISCCART 406037.499303424 3759612.50174979 532.90 1.50
** receptor =B2321+1 (sensitive receptor: C2280)
DISCCART 406037.499303424 3759562.5019271 523.50 1.50
** receptor =B2322+1 (sensitive receptor: C2281)
DISCCART 406037.499303424 3759512.50210442 501.60 1.50
** receptor =B2323+1 (sensitive receptor: C2282)
DISCCART 406037.499303424 3759462.50228174 468.20 1.50
** receptor =B2324+1 (sensitive receptor: C2283)
DISCCART 406037.499303424 3759412.50245906 463.60 1.50
** receptor =B2325+1 (sensitive receptor: C2284)
DISCCART 406037.499303424 3759362.50263638 444.10 1.50
** receptor =B2326+1 (sensitive receptor: C2285)
DISCCART 406037.499303424 3759312.5028137 436.80 1.50
** receptor =B2327+1 (sensitive receptor: C2286)
DISCCART 406037.499303424 3759262.50299102 402.80 1.50
** receptor =B2328+1 (sensitive receptor: C2287)
DISCCART 406037.499303424 3759212.50316834 391.20 1.50
** receptor =B2329+1 (sensitive receptor: C2288)
DISCCART 406037.499303424 3759162.50334566 383.40 1.50
** receptor =B2330+1 (sensitive receptor: C2289)
DISCCART 406037.499303424 3759112.50352298 377.20 1.50
** receptor =B2331+1 (sensitive receptor: C2290)
DISCCART 406037.499303424 3759062.5037003 370.30 1.50
** receptor =B2332+1 (sensitive receptor: C2291)
DISCCART 406037.499303424 3759012.50387762 366.60 1.50
** receptor =B2333+1 (sensitive receptor: C2292)
DISCCART 406037.499303424 3758962.50405494 362.00 1.50
** receptor =B2334+1 (sensitive receptor: C2293)
DISCCART 406037.499303424 3758912.50423226 354.20 1.50
** receptor =B2335+1 (sensitive receptor: C2294)
DISCCART 406037.499303424 3758862.50440957 344.40 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B2336+1 (sensitive receptor: C2295)
DISCCART 406037.499303424 3758812.50458689 340.70 1.50

** receptor =B2337+1 (sensitive receptor: C2296)
DISCCART 406037.499303424 3758762.50476421 334.20 1.50

** receptor =B2338+1 (sensitive receptor: C2297)
DISCCART 406037.499303424 3758712.50494153 326.30 1.50

** receptor =B2339+1 (sensitive receptor: C2298)
DISCCART 406037.499303424 3758662.50511885 321.10 1.50

** receptor =B2340+1 (sensitive receptor: C2299)
DISCCART 406087.502103235 3760012.50033123 658.00 1.50

** receptor =B2341+1 (sensitive receptor: C2300)
DISCCART 406087.502103235 3759812.50104051 501.10 1.50

** receptor =B2342+1 (sensitive receptor: C2301)
DISCCART 406087.502103235 3759762.50121783 493.10 1.50

** receptor =B2343+1 (sensitive receptor: C2302)
DISCCART 406087.502103235 3759712.50139515 497.00 1.50

** receptor =B2344+1 (sensitive receptor: C2303)
DISCCART 406087.502103235 3759662.50157247 483.50 1.50

** receptor =B2345+1 (sensitive receptor: C2304)
DISCCART 406087.502103235 3759612.50174979 489.70 1.50

** receptor =B2346+1 (sensitive receptor: C2305)
DISCCART 406087.502103235 3759562.5019271 472.00 1.50

** receptor =B2347+1 (sensitive receptor: C2306)
DISCCART 406087.502103235 3759512.50210442 465.80 1.50

** receptor =B2348+1 (sensitive receptor: C2307)
DISCCART 406087.502103235 3759462.50228174 455.90 1.50

** receptor =B2349+1 (sensitive receptor: C2308)
DISCCART 406087.502103235 3759412.50245906 426.80 1.50

** receptor =B2350+1 (sensitive receptor: C2309)
DISCCART 406087.502103235 3759362.50263638 420.90 1.50

** receptor =B2351+1 (sensitive receptor: C2310)
DISCCART 406087.502103235 3759312.5028137 418.30 1.50

** receptor =B2352+1 (sensitive receptor: C2311)
DISCCART 406087.502103235 3759262.50299102 401.00 1.50

** receptor =B2353+1 (sensitive receptor: C2312)
DISCCART 406087.502103235 3759212.50316834 394.80 1.50

** receptor =B2354+1 (sensitive receptor: C2313)
DISCCART 406087.502103235 3759162.50334566 390.30 1.50

** receptor =B2355+1 (sensitive receptor: C2314)
DISCCART 406087.502103235 3759112.50352298 383.40 1.50

** receptor =B2356+1 (sensitive receptor: C2315)
DISCCART 406087.502103235 3759062.5037003 377.20 1.50

** receptor =B2357+1 (sensitive receptor: C2316)
DISCCART 406087.502103235 3759012.50387762 373.20 1.50

** receptor =B2358+1 (sensitive receptor: C2317)
DISCCART 406087.502103235 3758962.50405494 365.60 1.50

** receptor =B2359+1 (sensitive receptor: C2318)
DISCCART 406087.502103235 3758912.50423226 358.70 1.50

** receptor =B2360+1 (sensitive receptor: C2319)
DISCCART 406087.502103235 3758862.50440957 352.20 1.50

** receptor =B2361+1 (sensitive receptor: C2320)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406087.502103235 3758812.50458689 344.40 1.50
** receptor =B2362+1 (sensitive receptor: C2321)

DISCCART 406087.502103235 3758762.50476421 337.80 1.50
** receptor =B2363+1 (sensitive receptor: C2322)

DISCCART 406087.502103235 3758712.50494153 331.30 1.50
** receptor =B2364+1 (sensitive receptor: C2323)

DISCCART 406087.502103235 3758662.50511885 324.70 1.50
** receptor =B2365+1 (sensitive receptor: C2324)

DISCCART 406137.496657202 3760012.50033123 577.10 1.50
** receptor =B2366+1 (sensitive receptor: C2325)

DISCCART 406137.496657202 3759812.50104051 485.40 1.50
** receptor =B2367+1 (sensitive receptor: C2326)

DISCCART 406137.496657202 3759762.50121783 485.10 1.50
** receptor =B2368+1 (sensitive receptor: C2327)

DISCCART 406137.496657202 3759712.50139515 484.00 1.50
** receptor =B2369+1 (sensitive receptor: C2328)

DISCCART 406137.496657202 3759662.50157247 477.70 1.50
** receptor =B2370+1 (sensitive receptor: C2329)

DISCCART 406137.496657202 3759612.50174979 469.00 1.50
** receptor =B2371+1 (sensitive receptor: C2330)

DISCCART 406137.496657202 3759562.5019271 461.10 1.50
** receptor =B2372+1 (sensitive receptor: C2331)

DISCCART 406137.496657202 3759512.50210442 436.60 1.50
** receptor =B2373+1 (sensitive receptor: C2332)

DISCCART 406137.496657202 3759462.50228174 426.40 1.50
** receptor =B2374+1 (sensitive receptor: C2333)

DISCCART 406137.496657202 3759412.50245906 433.20 1.50
** receptor =B2375+1 (sensitive receptor: C2334)

DISCCART 406137.496657202 3759362.50263638 436.40 1.50
** receptor =B2376+1 (sensitive receptor: C2335)

DISCCART 406137.496657202 3759312.5028137 436.40 1.50
** receptor =B2377+1 (sensitive receptor: C2336)

DISCCART 406137.496657202 3759262.50299102 417.40 1.50
** receptor =B2378+1 (sensitive receptor: C2337)

DISCCART 406137.496657202 3759212.50316834 404.70 1.50
** receptor =B2379+1 (sensitive receptor: C2338)

DISCCART 406137.496657202 3759162.50334566 398.10 1.50
** receptor =B2380+1 (sensitive receptor: C2339)

DISCCART 406137.496657202 3759112.50352298 390.30 1.50
** receptor =B2381+1 (sensitive receptor: C2340)

DISCCART 406137.496657202 3759062.5037003 383.40 1.50
** receptor =B2382+1 (sensitive receptor: C2341)

DISCCART 406137.496657202 3759012.50387762 380.50 1.50
** receptor =B2383+1 (sensitive receptor: C2342)

DISCCART 406137.496657202 3758962.50405494 373.50 1.50
** receptor =B2384+1 (sensitive receptor: C2343)

DISCCART 406137.496657202 3758912.50423226 365.30 1.50
** receptor =B2385+1 (sensitive receptor: C2344)

DISCCART 406137.496657202 3758862.50440957 357.50 1.50
** receptor =B2386+1 (sensitive receptor: C2345)

DISCCART 406137.496657202 3758812.50458689 349.20 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B2387+1 (sensitive receptor: C2346)
DISCCART 406137.496657202 3758762.50476421 342.30 1.50

** receptor =B2388+1 (sensitive receptor: C2347)
DISCCART 406137.496657202 3758712.50494153 334.60 1.50

** receptor =B2389+1 (sensitive receptor: C2348)
DISCCART 406137.496657202 3758662.50511885 329.20 1.50

** receptor =B2390+1 (sensitive receptor: C2349)
DISCCART 406187.499457013 3759412.50245906 481.00 1.50

** receptor =B2391+1 (sensitive receptor: C2350)
DISCCART 406187.499457013 3759362.50263638 463.30 1.50

** receptor =B2392+1 (sensitive receptor: C2351)
DISCCART 406187.499457013 3759312.5028137 455.10 1.50

** receptor =B2393+1 (sensitive receptor: C2352)
DISCCART 406187.499457013 3759262.50299102 427.60 1.50

** receptor =B2394+1 (sensitive receptor: C2353)
DISCCART 406187.499457013 3759212.50316834 412.90 1.50

** receptor =B2395+1 (sensitive receptor: C2354)
DISCCART 406187.499457013 3759162.50334566 403.40 1.50

** receptor =B2396+1 (sensitive receptor: C2355)
DISCCART 406187.499457013 3759112.50352298 396.50 1.50

** receptor =B2397+1 (sensitive receptor: C2356)
DISCCART 406187.499457013 3759062.5037003 389.90 1.50

** receptor =B2398+1 (sensitive receptor: C2357)
DISCCART 406187.499457013 3759012.50387762 385.00 1.50

** receptor =B2399+1 (sensitive receptor: C2358)
DISCCART 406187.499457013 3758962.50405494 380.10 1.50

** receptor =B2400+1 (sensitive receptor: C2359)
DISCCART 406187.499457013 3758912.50423226 368.90 1.50

** receptor =B2401+1 (sensitive receptor: C2360)
DISCCART 406187.499457013 3758862.50440957 362.40 1.50

** receptor =B2402+1 (sensitive receptor: C2361)
DISCCART 406187.499457013 3758812.50458689 354.20 1.50

** receptor =B2403+1 (sensitive receptor: C2362)
DISCCART 406187.499457013 3758762.50476421 344.40 1.50

** receptor =B2404+1 (sensitive receptor: C2363)
DISCCART 406187.499457013 3758712.50494153 337.50 1.50

** receptor =B2405+1 (sensitive receptor: C2364)
DISCCART 406187.499457013 3758662.50511885 334.20 1.50

** receptor =B2406+1 (sensitive receptor: C2365)
DISCCART 406237.502256824 3759412.50245906 492.80 1.50

** receptor =B2407+1 (sensitive receptor: C2366)
DISCCART 406237.502256824 3759362.50263638 472.90 1.50

** receptor =B2408+1 (sensitive receptor: C2367)
DISCCART 406237.502256824 3759312.5028137 453.00 1.50

** receptor =B2409+1 (sensitive receptor: C2368)
DISCCART 406237.502256824 3759262.50299102 437.40 1.50

** receptor =B2410+1 (sensitive receptor: C2369)
DISCCART 406237.502256824 3759212.50316834 417.80 1.50

** receptor =B2411+1 (sensitive receptor: C2370)
DISCCART 406237.502256824 3759162.50334566 408.30 1.50

** receptor =B2412+1 (sensitive receptor: C2371)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406237.502256824 3759112.50352298 403.10 1.50
** receptor =B2413+1 (sensitive receptor: C2372)
DISCCART 406237.502256824 3759062.5037003 394.80 1.50
** receptor =B2414+1 (sensitive receptor: C2373)
DISCCART 406237.502256824 3759012.50387762 387.00 1.50
** receptor =B2415+1 (sensitive receptor: C2374)
DISCCART 406237.502256824 3758962.50405494 380.50 1.50
** receptor =B2416+1 (sensitive receptor: C2375)
DISCCART 406237.502256824 3758912.50423226 372.20 1.50
** receptor =B2417+1 (sensitive receptor: C2376)
DISCCART 406237.502256824 3758862.50440957 364.10 1.50
** receptor =B2418+1 (sensitive receptor: C2377)
DISCCART 406237.502256824 3758812.50458689 355.80 1.50
** receptor =B2419+1 (sensitive receptor: C2378)
DISCCART 406237.502256824 3758762.50476421 346.00 1.50
** receptor =B2420+1 (sensitive receptor: C2379)
DISCCART 406237.502256824 3758712.50494153 341.10 1.50
** receptor =B2421+1 (sensitive receptor: C2380)
DISCCART 406237.502256824 3758662.50511885 337.50 1.50
** receptor =B2422+1 (sensitive receptor: C2381)
DISCCART 406287.496810791 3759412.50245906 504.70 1.50
** receptor =B2423+1 (sensitive receptor: C2382)
DISCCART 406287.496810791 3759362.50263638 481.30 1.50
** receptor =B2424+1 (sensitive receptor: C2383)
DISCCART 406287.496810791 3759312.5028137 455.50 1.50
** receptor =B2425+1 (sensitive receptor: C2384)
DISCCART 406287.496810791 3759262.50299102 441.10 1.50
** receptor =B2426+1 (sensitive receptor: C2385)
DISCCART 406287.496810791 3759212.50316834 424.70 1.50
** receptor =B2427+1 (sensitive receptor: C2386)
DISCCART 406287.496810791 3759162.50334566 413.30 1.50
** receptor =B2428+1 (sensitive receptor: C2387)
DISCCART 406287.496810791 3759112.50352298 403.40 1.50
** receptor =B2429+1 (sensitive receptor: C2388)
DISCCART 406287.496810791 3759062.5037003 396.90 1.50
** receptor =B2430+1 (sensitive receptor: C2389)
DISCCART 406287.496810791 3759012.50387762 388.30 1.50
** receptor =B2431+1 (sensitive receptor: C2390)
DISCCART 406287.496810791 3758962.50405494 380.50 1.50
** receptor =B2432+1 (sensitive receptor: C2391)
DISCCART 406287.496810791 3758912.50423226 372.20 1.50
** receptor =B2433+1 (sensitive receptor: C2392)
DISCCART 406287.496810791 3758862.50440957 363.70 1.50
** receptor =B2434+1 (sensitive receptor: C2393)
DISCCART 406287.496810791 3758812.50458689 355.80 1.50
** receptor =B2435+1 (sensitive receptor: C2394)
DISCCART 406287.496810791 3758762.50476421 349.20 1.50
** receptor =B2436+1 (sensitive receptor: C2395)
DISCCART 406287.496810791 3758712.50494153 344.40 1.50
** receptor =B2437+1 (sensitive receptor: C2396)
DISCCART 406287.496810791 3758662.50511885 341.10 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B2438+1 (sensitive receptor: C2397)
DISCCART 406337.499610602 3759412.50245906 504.10 1.50

** receptor =B2439+1 (sensitive receptor: C2398)
DISCCART 406337.499610602 3759362.50263638 490.60 1.50

** receptor =B2440+1 (sensitive receptor: C2399)
DISCCART 406337.499610602 3759312.5028137 462.40 1.50

** receptor =B2441+1 (sensitive receptor: C2400)
DISCCART 406337.499610602 3759262.50299102 444.40 1.50

** receptor =B2442+1 (sensitive receptor: C2401)
DISCCART 406337.499610602 3759212.50316834 428.00 1.50

** receptor =B2443+1 (sensitive receptor: C2402)
DISCCART 406337.499610602 3759162.50334566 417.80 1.50

** receptor =B2444+1 (sensitive receptor: C2403)
DISCCART 406337.499610602 3759112.50352298 405.00 1.50

** receptor =B2445+1 (sensitive receptor: C2404)
DISCCART 406337.499610602 3759062.5037003 396.90 1.50

** receptor =B2446+1 (sensitive receptor: C2405)
DISCCART 406337.499610602 3759012.50387762 388.60 1.50

** receptor =B2447+1 (sensitive receptor: C2406)
DISCCART 406337.499610602 3758962.50405494 378.80 1.50

** receptor =B2448+1 (sensitive receptor: C2407)
DISCCART 406337.499610602 3758912.50423226 370.60 1.50

** receptor =B2449+1 (sensitive receptor: C2408)
DISCCART 406337.499610602 3758862.50440957 362.70 1.50

** receptor =B2450+1 (sensitive receptor: C2409)
DISCCART 406337.499610602 3758812.50458689 357.50 1.50

** receptor =B2451+1 (sensitive receptor: C2410)
DISCCART 406337.499610602 3758762.50476421 351.00 1.50

** receptor =B2452+1 (sensitive receptor: C2411)
DISCCART 406337.499610602 3758712.50494153 347.70 1.50

** receptor =B2453+1 (sensitive receptor: C2412)
DISCCART 406337.499610602 3758662.50511885 347.00 1.50

** receptor =B2454+1 (sensitive receptor: C2413)
DISCCART 406387.502410414 3759362.50263638 465.50 1.50

** receptor =B2455+1 (sensitive receptor: C2414)
DISCCART 406387.502410414 3759312.5028137 454.90 1.50

** receptor =B2456+1 (sensitive receptor: C2415)
DISCCART 406387.502410414 3759262.50299102 440.70 1.50

** receptor =B2457+1 (sensitive receptor: C2416)
DISCCART 406387.502410414 3759212.50316834 431.20 1.50

** receptor =B2458+1 (sensitive receptor: C2417)
DISCCART 406387.502410414 3759162.50334566 418.10 1.50

** receptor =B2459+1 (sensitive receptor: C2418)
DISCCART 406387.502410414 3759112.50352298 408.30 1.50

** receptor =B2460+1 (sensitive receptor: C2419)
DISCCART 406387.502410414 3759062.5037003 400.20 1.50

** receptor =B2461+1 (sensitive receptor: C2420)
DISCCART 406387.502410414 3759012.50387762 390.30 1.50

** receptor =B2462+1 (sensitive receptor: C2421)
DISCCART 406387.502410414 3758962.50405494 381.70 1.50

** receptor =B2463+1 (sensitive receptor: C2422)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406387.502410414 3758912.50423226 372.20 1.50
** receptor =B2464+1 (sensitive receptor: C2423)

DISCCART 406387.502410414 3758862.50440957 359.10 1.50
** receptor =B2465+1 (sensitive receptor: C2424)

DISCCART 406387.502410414 3758812.50458689 354.20 1.50
** receptor =B2466+1 (sensitive receptor: C2425)

DISCCART 406387.502410414 3758762.50476421 354.20 1.50
** receptor =B2467+1 (sensitive receptor: C2426)

DISCCART 406387.502410414 3758712.50494153 354.20 1.50
** receptor =B2468+1 (sensitive receptor: C2427)

DISCCART 406387.502410414 3758662.50511885 353.50 1.50
** receptor =B2469+1 (sensitive receptor: C2428)

DISCCART 406437.496964381 3759312.5028137 450.90 1.50
** receptor =B2470+1 (sensitive receptor: C2429)

DISCCART 406437.496964381 3759262.50299102 443.10 1.50
** receptor =B2471+1 (sensitive receptor: C2430)

DISCCART 406437.496964381 3759212.50316834 432.80 1.50
** receptor =B2472+1 (sensitive receptor: C2431)

DISCCART 406437.496964381 3759162.50334566 418.10 1.50
** receptor =B2473+1 (sensitive receptor: C2432)

DISCCART 406437.496964381 3759112.50352298 408.30 1.50
** receptor =B2474+1 (sensitive receptor: C2433)

DISCCART 406437.496964381 3759062.5037003 398.40 1.50
** receptor =B2475+1 (sensitive receptor: C2434)

DISCCART 406437.496964381 3759012.50387762 391.90 1.50
** receptor =B2476+1 (sensitive receptor: C2435)

DISCCART 406437.496964381 3758962.50405494 383.80 1.50
** receptor =B2477+1 (sensitive receptor: C2436)

DISCCART 406437.496964381 3758912.50423226 374.80 1.50
** receptor =B2478+1 (sensitive receptor: C2437)

DISCCART 406437.496964381 3758862.50440957 358.70 1.50
** receptor =B2479+1 (sensitive receptor: C2438)

DISCCART 406437.496964381 3758812.50458689 357.50 1.50
** receptor =B2480+1 (sensitive receptor: C2439)

DISCCART 406437.496964381 3758762.50476421 357.50 1.50
** receptor =B2481+1 (sensitive receptor: C2440)

DISCCART 406437.496964381 3758712.50494153 358.90 1.50
** receptor =B2482+1 (sensitive receptor: C2441)

DISCCART 406437.496964381 3758662.50511885 357.50 1.50
** receptor =B2483+1 (sensitive receptor: C2442)

DISCCART 406487.499764192 3759312.5028137 453.90 1.50
** receptor =B2484+1 (sensitive receptor: C2443)

DISCCART 406487.499764192 3759262.50299102 444.40 1.50
** receptor =B2485+1 (sensitive receptor: C2444)

DISCCART 406487.499764192 3759212.50316834 431.20 1.50
** receptor =B2486+1 (sensitive receptor: C2445)

DISCCART 406487.499764192 3759162.50334566 416.90 1.50
** receptor =B2487+1 (sensitive receptor: C2446)

DISCCART 406487.499764192 3759112.50352298 408.30 1.50
** receptor =B2488+1 (sensitive receptor: C2447)

DISCCART 406487.499764192 3759062.5037003 399.80 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B2489+1 (sensitive receptor: C2448)
DISCCART 406487.499764192 3759012.50387762 393.20 1.50

** receptor =B2490+1 (sensitive receptor: C2449)
DISCCART 406487.499764192 3758962.50405494 385.30 1.50

** receptor =B2491+1 (sensitive receptor: C2450)
DISCCART 406487.499764192 3758912.50423226 378.80 1.50

** receptor =B2492+1 (sensitive receptor: C2451)
DISCCART 406487.499764192 3758862.50440957 367.00 1.50

** receptor =B2493+1 (sensitive receptor: C2452)
DISCCART 406487.499764192 3758812.50458689 365.00 1.50

** receptor =B2494+1 (sensitive receptor: C2453)
DISCCART 406487.499764192 3758762.50476421 367.40 1.50

** receptor =B2495+1 (sensitive receptor: C2454)
DISCCART 406487.499764192 3758712.50494153 367.40 1.50

** receptor =B2496+1 (sensitive receptor: C2455)
DISCCART 406487.499764192 3758662.50511885 364.10 1.50

** receptor =B2497+1 (sensitive receptor: C2456)
DISCCART 406537.502564003 3759262.50299102 447.60 1.50

** receptor =B2498+1 (sensitive receptor: C2457)
DISCCART 406537.502564003 3759212.50316834 434.50 1.50

** receptor =B2499+1 (sensitive receptor: C2458)
DISCCART 406537.502564003 3759162.50334566 421.40 1.50

** receptor =B2500+1 (sensitive receptor: C2459)
DISCCART 406537.502564003 3759112.50352298 412.90 1.50

** receptor =B2501+1 (sensitive receptor: C2460)
DISCCART 406537.502564003 3759062.5037003 403.40 1.50

** receptor =B2502+1 (sensitive receptor: C2461)
DISCCART 406537.502564003 3759012.50387762 396.50 1.50

** receptor =B2503+1 (sensitive receptor: C2462)
DISCCART 406537.502564003 3758962.50405494 383.80 1.50

** receptor =B2504+1 (sensitive receptor: C2463)
DISCCART 406537.502564003 3758912.50423226 377.20 1.50

** receptor =B2505+1 (sensitive receptor: C2464)
DISCCART 406537.502564003 3758862.50440957 378.50 1.50

** receptor =B2506+1 (sensitive receptor: C2465)
DISCCART 406537.502564003 3758812.50458689 380.10 1.50

** receptor =B2507+1 (sensitive receptor: C2466)
DISCCART 406537.502564003 3758762.50476421 377.20 1.50

** receptor =B2508+1 (sensitive receptor: C2467)
DISCCART 406537.502564003 3758712.50494153 373.90 1.50

** receptor =B2509+1 (sensitive receptor: C2468)
DISCCART 406537.502564003 3758662.50511885 370.30 1.50

** receptor =B2510+1 (sensitive receptor: C2469)
DISCCART 406587.49711797 3759212.50316834 442.40 1.50

** receptor =B2511+1 (sensitive receptor: C2470)
DISCCART 406587.49711797 3759162.50334566 430.50 1.50

** receptor =B2512+1 (sensitive receptor: C2471)
DISCCART 406587.49711797 3759112.50352298 417.80 1.50

** receptor =B2513+1 (sensitive receptor: C2472)
DISCCART 406587.49711797 3759062.5037003 408.30 1.50

** receptor =B2514+1 (sensitive receptor: C2473)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406587.49711797 3759012.50387762 398.40 1.50
** receptor =B2515+1 (sensitive receptor: C2474)
DISCCART 406587.49711797 3758962.50405494 389.90 1.50
** receptor =B2516+1 (sensitive receptor: C2475)
DISCCART 406587.49711797 3758912.50423226 389.60 1.50
** receptor =B2517+1 (sensitive receptor: C2476)
DISCCART 406587.49711797 3758862.50440957 391.50 1.50
** receptor =B2518+1 (sensitive receptor: C2477)
DISCCART 406587.49711797 3758812.50458689 387.00 1.50
** receptor =B2519+1 (sensitive receptor: C2478)
DISCCART 406587.49711797 3758762.50476421 383.40 1.50
** receptor =B2520+1 (sensitive receptor: C2479)
DISCCART 406587.49711797 3758712.50494153 380.10 1.50
** receptor =B2521+1 (sensitive receptor: C2480)
DISCCART 406587.49711797 3758662.50511885 375.10 1.50
** receptor =B2522+1 (sensitive receptor: C2481)
DISCCART 406587.49711797 3758612.50529617 367.40 1.50
** receptor =B2523+1 (sensitive receptor: C2482)
DISCCART 406637.499917781 3759212.50316834 450.60 1.50
** receptor =B2524+1 (sensitive receptor: C2483)
DISCCART 406637.499917781 3759162.50334566 437.80 1.50
** receptor =B2525+1 (sensitive receptor: C2484)
DISCCART 406637.499917781 3759112.50352298 424.70 1.50
** receptor =B2526+1 (sensitive receptor: C2485)
DISCCART 406637.499917781 3759062.5037003 414.80 1.50
** receptor =B2527+1 (sensitive receptor: C2486)
DISCCART 406637.499917781 3759012.50387762 399.80 1.50
** receptor =B2528+1 (sensitive receptor: C2487)
DISCCART 406637.499917781 3758962.50405494 403.10 1.50
** receptor =B2529+1 (sensitive receptor: C2488)
DISCCART 406637.499917781 3758912.50423226 402.70 1.50
** receptor =B2530+1 (sensitive receptor: C2489)
DISCCART 406637.499917781 3758862.50440957 399.80 1.50
** receptor =B2531+1 (sensitive receptor: C2490)
DISCCART 406637.499917781 3758812.50458689 393.60 1.50
** receptor =B2532+1 (sensitive receptor: C2491)
DISCCART 406637.499917781 3758762.50476421 387.00 1.50
** receptor =B2533+1 (sensitive receptor: C2492)
DISCCART 406637.499917781 3758712.50494153 383.40 1.50
** receptor =B2534+1 (sensitive receptor: C2493)
DISCCART 406637.499917781 3758662.50511885 372.60 1.50
** receptor =B2535+1 (sensitive receptor: C2494)
DISCCART 406687.502717592 3759162.50334566 438.20 1.50
** receptor =B2536+1 (sensitive receptor: C2495)
DISCCART 406687.502717592 3759112.50352298 419.80 1.50
** receptor =B2537+1 (sensitive receptor: C2496)
DISCCART 406687.502717592 3759062.5037003 422.40 1.50
** receptor =B2538+1 (sensitive receptor: C2497)
DISCCART 406687.502717592 3759012.50387762 417.60 1.50
** receptor =B2539+1 (sensitive receptor: C2498)
DISCCART 406687.502717592 3758962.50405494 415.80 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B2540+1 (sensitive receptor: C2499)
DISCCART 406687.502717592 3758912.50423226 411.60 1.50

** receptor =B2541+1 (sensitive receptor: C2500)
DISCCART 406687.502717592 3758862.50440957 403.40 1.50

** receptor =B2542+1 (sensitive receptor: C2501)
DISCCART 406687.502717592 3758762.50476421 387.00 1.50

** receptor =B2543+1 (sensitive receptor: C2502)
DISCCART 406737.497271559 3759112.50352298 438.80 1.50

** receptor =B2544+1 (sensitive receptor: C2503)
DISCCART 406737.497271559 3759062.5037003 447.90 1.50

** receptor =B2545+1 (sensitive receptor: C2504)
DISCCART 406737.497271559 3759012.50387762 433.80 1.50

** receptor =B2546+1 (sensitive receptor: C2505)
DISCCART 406737.497271559 3758962.50405494 424.70 1.50

** receptor =B2547+1 (sensitive receptor: C2506)
DISCCART 406737.497271559 3758912.50423226 411.60 1.50

** receptor =B2548+1 (sensitive receptor: C2507)
DISCCART 406737.497271559 3758662.50511885 386.30 1.50

** receptor =B2549+1 (sensitive receptor: C2508)
DISCCART 406737.497271559 3758612.50529617 380.50 1.50

** receptor =B2550+1 (sensitive receptor: C2509)
DISCCART 406787.50007137 3759012.50387762 442.30 1.50

** receptor =B2551+1 (sensitive receptor: C2510)
DISCCART 406787.50007137 3758962.50405494 424.70 1.50

** receptor =B2552+1 (sensitive receptor: C2511)
DISCCART 406787.50007137 3758712.50494153 395.80 1.50

** receptor =B2553+1 (sensitive receptor: C2512)
DISCCART 406787.50007137 3758662.50511885 391.50 1.50

** receptor =B2554+1 (sensitive receptor: C2513)
DISCCART 406787.50007137 3758612.50529617 379.80 1.50

** receptor =B2555+1 (sensitive receptor: C2514)
DISCCART 406837.502871182 3758712.50494153 403.40 1.50

** receptor =B2556+1 (sensitive receptor: C2515)
DISCCART 406837.502871182 3758662.50511885 395.20 1.50

** receptor =B2557+1 (sensitive receptor: C2516)
DISCCART 406837.502871182 3758612.50529617 382.40 1.50

** receptor =B2558+1 (sensitive receptor: C2517)
DISCCART 406887.497425149 3758762.50476421 411.20 1.50

** receptor =B2559+1 (sensitive receptor: C2518)
DISCCART 406887.497425149 3758712.50494153 401.70 1.50

** receptor =B2560+1 (sensitive receptor: C2519)
DISCCART 406887.497425149 3758662.50511885 391.90 1.50

** receptor =B2561+1 (sensitive receptor: C2520)
DISCCART 406887.497425149 3758612.50529617 369.50 1.50

** receptor =B2562+1 (sensitive receptor: C2521)
DISCCART 406937.50022496 3758762.50476421 411.60 1.50

** receptor =B2563+1 (sensitive receptor: C2522)
DISCCART 406937.50022496 3758712.50494153 398.40 1.50

** receptor =B2564+1 (sensitive receptor: C2523)
DISCCART 406937.50022496 3758662.50511885 385.70 1.50

** receptor =B2565+1 (sensitive receptor: C2524)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406937.50022496 3758612.50529617 378.50 1.50
** receptor =B2566+1 (sensitive receptor: C2525)
DISCCART 406987.503024771 3758712.50494153 399.80 1.50
** receptor =B2567+1 (sensitive receptor: C2526)
DISCCART 406987.503024771 3758662.50511885 382.00 1.50
** receptor =B2568+1 (sensitive receptor: C2527)
DISCCART 406987.503024771 3758612.50529617 381.80 1.50
** receptor =B2569+1 (sensitive receptor: C2528)
DISCCART 407037.497578738 3758712.50494153 398.40 1.50
** receptor =B2570+1 (sensitive receptor: C2529)
DISCCART 407037.497578738 3758662.50511885 377.50 1.50
** receptor =B2571+1 (sensitive receptor: C2530)
DISCCART 407037.497578738 3758612.50529617 391.30 1.50
** receptor =B2572+1 (sensitive receptor: C2531)
DISCCART 407087.500378549 3758662.50511885 382.80 1.50
** receptor =B2573+1 (sensitive receptor: C2532)
DISCCART 407087.500378549 3758612.50529617 403.10 1.50
** receptor =B2574+1 (sensitive receptor: C2533)
DISCCART 407137.50317836 3758662.50511885 404.40 1.50
** receptor =B2575+1 (sensitive receptor: C2534)
DISCCART 407137.50317836 3758612.50529617 412.60 1.50
** receptor =B2576+1 (sensitive receptor: C2535)
DISCCART 407187.497732327 3758662.50511885 426.00 1.50
** receptor =B2577+1 (sensitive receptor: C2536)
DISCCART 407187.497732327 3758612.50529617 427.60 1.50
** receptor =B2578+1 (sensitive receptor: C2537)
DISCCART 407237.500532139 3758662.50511885 442.10 1.50
** receptor =B2579+1 (sensitive receptor: C2538)
DISCCART 407237.500532139 3758612.50529617 441.20 1.50
** receptor =B2580+1 (sensitive receptor: C2539)
DISCCART 407287.50333195 3758662.50511885 458.50 1.50
** receptor =B2581+1 (sensitive receptor: C2540)
DISCCART 407287.50333195 3758612.50529617 458.50 1.50
** receptor =B2582+1 (sensitive receptor: C2541)
DISCCART 407337.497885917 3758662.50511885 474.90 1.50
** receptor =B2583+1 (sensitive receptor: C2542)
DISCCART 407337.497885917 3758612.50529617 471.60 1.50
** receptor =B2584+1 (sensitive receptor: C2543)
DISCCART 407387.500685728 3758662.50511885 491.30 1.50
** receptor =B2585+1 (sensitive receptor: C2544)
DISCCART 407387.500685728 3758612.50529617 490.60 1.50
** receptor =B2586+1 (sensitive receptor: C2545)
DISCCART 407437.495239695 3758662.50511885 504.40 1.50
** receptor =B2587+1 (sensitive receptor: C2546)
DISCCART 407437.495239695 3758612.50529617 506.50 1.50
** receptor =B2588+1 (sensitive receptor: C2547)
DISCCART 407487.498039506 3758662.50511885 500.10 1.50
** receptor =B2589+1 (sensitive receptor: C2548)
DISCCART 407487.498039506 3758612.50529617 490.50 1.50
** receptor =B2590+1 (sensitive receptor: C2549)
DISCCART 407537.500839317 3758662.50511885 0.00 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B2591+1 (sensitive receptor: C2550)
DISCCART 407537.500839317 3758612.50529617 0.00 1.50

** receptor =B2592+1 (sensitive receptor: C2551)
DISCCART 407587.495393284 3758662.50511885 0.00 1.50

** receptor =B2593+1 (sensitive receptor: C2552)
DISCCART 407587.495393284 3758612.50529617 0.00 1.50

** receptor =B2594+1 (sensitive receptor: C2553)
DISCCART 407637.498193095 3758612.50529617 0.00 1.50

** receptor =B2595+1 (sensitive receptor: C2554)
DISCCART 407687.500992907 3758612.50529617 0.00 1.50

** receptor =B2596+1 (sensitive receptor: C2555)
DISCCART 407737.495546874 3758612.50529617 0.00 1.50

** receptor =B2597+1 (sensitive receptor: C2556)
DISCCART 407787.498346685 3758612.50529617 0.00 1.50

** receptor =B2598+1 (sensitive receptor: C2557)
DISCCART 407837.501146496 3758612.50529617 0.00 1.50

** receptor =B2599+1 (sensitive receptor: C2558)
DISCCART 407887.503946307 3758612.50529617 0.00 1.50

** receptor =B2600+1 (sensitive receptor: C2559)
DISCCART 407937.498500274 3758612.50529617 0.00 1.50

** receptor =B2601+1 (sensitive receptor: C2560)
DISCCART 407987.501300085 3758612.50529617 0.00 1.50

** receptor =B2602+1 (sensitive receptor: C2561)
DISCCART 408037.495854052 3758612.50529617 0.00 1.50

** receptor =B2603+1 (sensitive receptor: C2562)
DISCCART 408087.498653864 3758612.50529617 0.00 1.50

** receptor =B2604+1 (sensitive receptor: C2563)
DISCCART 405987.496503612 3758612.50529617 311.60 1.50

** receptor =B2605+1 (sensitive receptor: C2564)
DISCCART 406037.499303424 3758612.50529617 316.10 1.50

** receptor =B2606+1 (sensitive receptor: C2565)
DISCCART 406087.502103235 3758612.50529617 319.70 1.50

** receptor =B2607+1 (sensitive receptor: C2566)
DISCCART 406137.496657202 3758612.50529617 322.70 1.50

** receptor =B2608+1 (sensitive receptor: C2567)
DISCCART 406187.499457013 3758612.50529617 329.20 1.50

** receptor =B2609+1 (sensitive receptor: C2568)
DISCCART 406237.502256824 3758612.50529617 334.60 1.50

** receptor =B2610+1 (sensitive receptor: C2569)
DISCCART 406287.496810791 3758612.50529617 340.40 1.50

** receptor =B2611+1 (sensitive receptor: C2570)
DISCCART 406337.499610602 3758612.50529617 344.40 1.50

** receptor =B2612+1 (sensitive receptor: C2571)
DISCCART 406387.502410414 3758612.50529617 350.60 1.50

** receptor =B2613+1 (sensitive receptor: C2572)
DISCCART 406437.496964381 3758612.50529617 356.80 1.50

** receptor =B2614+1 (sensitive receptor: C2573)
DISCCART 406487.499764192 3758612.50529617 360.80 1.50

** receptor =B2615+1 (sensitive receptor: C2574)
DISCCART 406512.501164097 3758562.50547349 358.00 1.50

** receptor =B2616+1 (sensitive receptor: C2575)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406537.502564003 3758612.50529617 365.30 1.50
** receptor =B2617+1 (sensitive receptor: C2576)

DISCCART 406562.495718064 3758562.50547349 360.80 1.50
** receptor =B2618+1 (sensitive receptor: C2577)

DISCCART 406612.498517875 3758562.50547349 363.60 1.50
** receptor =B2619+1 (sensitive receptor: C2578)

DISCCART 406662.501317687 3758562.50547349 360.80 1.50
** receptor =B2620+1 (sensitive receptor: C2579)

DISCCART 406712.495871654 3758562.50547349 367.40 1.50
** receptor =B2621+1 (sensitive receptor: C2580)

DISCCART 406762.498671465 3758562.50547349 367.30 1.50
** receptor =B2622+1 (sensitive receptor: C2581)

DISCCART 406812.501471276 3758562.50547349 363.10 1.50
** receptor =B2623+1 (sensitive receptor: C2582)

DISCCART 406862.496025243 3758562.50547349 360.20 1.50
** receptor =B2624+1 (sensitive receptor: C2583)

DISCCART 406912.498825054 3758562.50547349 380.90 1.50
** receptor =B2625+1 (sensitive receptor: C2584)

DISCCART 406962.501624865 3758562.50547349 387.50 1.50
** receptor =B2626+1 (sensitive receptor: C2585)

DISCCART 407012.504424677 3758562.50547349 395.80 1.50
** receptor =B2627+1 (sensitive receptor: C2586)

DISCCART 407062.498978644 3758562.50547349 402.20 1.50
** receptor =B2628+1 (sensitive receptor: C2587)

DISCCART 407112.501778455 3758562.50547349 413.80 1.50
** receptor =B2629+1 (sensitive receptor: C2588)

DISCCART 407162.496332422 3758562.50547349 417.00 1.50
** receptor =B2630+1 (sensitive receptor: C2589)

DISCCART 407212.499132233 3758562.50547349 456.10 1.50
** receptor =B2631+1 (sensitive receptor: C2590)

DISCCART 407262.501932044 3758562.50547349 458.60 1.50
** receptor =B2632+1 (sensitive receptor: C2591)

DISCCART 407312.496486011 3758562.50547349 466.00 1.50
** receptor =B2633+1 (sensitive receptor: C2592)

DISCCART 407362.499285822 3758562.50547349 479.80 1.50
** receptor =B2634+1 (sensitive receptor: C2593)

DISCCART 407412.502085634 3758562.50547349 499.00 1.50
** receptor =B2635+1 (sensitive receptor: C2594)

DISCCART 407462.4966396 3758562.50547349 515.80 1.50
** receptor =B2636+1 (sensitive receptor: C2595)

DISCCART 407512.499439412 3758562.50547349 483.20 1.50
** receptor =B2637+1 (sensitive receptor: C2596)

DISCCART 407562.502239223 3758562.50547349 0.00 1.50
** receptor =B2638+1 (sensitive receptor: C2597)

DISCCART 407612.49679319 3758562.50547349 0.00 1.50
** receptor =B2639+1 (sensitive receptor: C2598)

DISCCART 407662.499593001 3758562.50547349 0.00 1.50
** receptor =B2640+1 (sensitive receptor: C2599)

DISCCART 407712.502392812 3758562.50547349 0.00 1.50
** receptor =B2641+1 (sensitive receptor: C2600)

DISCCART 407762.496946779 3758562.50547349 0.00 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B2642+1 (sensitive receptor: C2601)
DISCCART 407812.49974659 3758562.50547349 0.00 1.50

** receptor =B2643+1 (sensitive receptor: C2602)
DISCCART 407862.502546402 3758562.50547349 0.00 1.50

** receptor =B2644+1 (sensitive receptor: C2603)
DISCCART 407912.497100369 3758562.50547349 0.00 1.50

** receptor =B2645+1 (sensitive receptor: C2604)
DISCCART 407962.49990018 3758562.50547349 0.00 1.50

** receptor =B2646+1 (sensitive receptor: C2605)
DISCCART 408012.502699991 3758562.50547349 0.00 1.50

** receptor =B2647+1 (sensitive receptor: C2606)
DISCCART 408062.497253958 3758562.50547349 0.00 1.50

** receptor =B2648+1 (sensitive receptor: C2607)
DISCCART 408112.500053769 3758562.50547349 0.00 1.50

** receptor =B2649+1 (sensitive receptor: C2608)
DISCCART 405987.496503612 3759987.50541887 748.50 1.50

** receptor =B2650+1 (sensitive receptor: C2609)
DISCCART 405987.496503612 3759937.50559619 717.10 1.50

** receptor =B2651+1 (sensitive receptor: C2610)
DISCCART 405987.496503612 3759887.50577351 696.60 1.50

** receptor =B2652+1 (sensitive receptor: C2611)
DISCCART 405987.496503612 3759837.50595083 649.30 1.50

** receptor =B2653+1 (sensitive receptor: C2612)
DISCCART 405987.496503612 3759787.50612815 627.20 1.50

** receptor =B2654+1 (sensitive receptor: C2613)
DISCCART 405987.496503612 3759737.50630547 624.90 1.50

** receptor =B2655+1 (sensitive receptor: C2614)
DISCCART 405987.496503612 3759687.50648279 554.20 1.50

** receptor =B2656+1 (sensitive receptor: C2615)
DISCCART 405987.496503612 3759637.50666011 537.10 1.50

** receptor =B2657+1 (sensitive receptor: C2616)
DISCCART 405987.496503612 3759587.50683743 524.10 1.50

** receptor =B2658+1 (sensitive receptor: C2617)
DISCCART 405987.496503612 3759537.50701475 530.70 1.50

** receptor =B2659+1 (sensitive receptor: C2618)
DISCCART 405987.496503612 3759487.50719207 531.40 1.50

** receptor =B2660+1 (sensitive receptor: C2619)
DISCCART 405987.496503612 3759437.50736939 520.60 1.50

** receptor =B2661+1 (sensitive receptor: C2620)
DISCCART 405987.496503612 3759387.49754874 488.50 1.50

** receptor =B2662+1 (sensitive receptor: C2621)
DISCCART 405987.496503612 3759337.49772606 458.30 1.50

** receptor =B2663+1 (sensitive receptor: C2622)
DISCCART 405987.496503612 3759287.49790338 426.30 1.50

** receptor =B2664+1 (sensitive receptor: C2623)
DISCCART 405987.496503612 3759237.4980807 402.50 1.50

** receptor =B2665+1 (sensitive receptor: C2624)
DISCCART 405987.496503612 3759187.49825802 377.30 1.50

** receptor =B2666+1 (sensitive receptor: C2625)
DISCCART 405987.496503612 3759137.49843534 376.40 1.50

** receptor =B2667+1 (sensitive receptor: C2626)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 405987.496503612 3759087.49861266 367.30 1.50
** receptor =B2668+1 (sensitive receptor: C2627)
DISCCART 405987.496503612 3759037.49878997 357.50 1.50
** receptor =B2669+1 (sensitive receptor: C2628)
DISCCART 405987.496503612 3758987.49896729 357.50 1.50
** receptor =B2670+1 (sensitive receptor: C2629)
DISCCART 405987.496503612 3758937.49914461 353.50 1.50
** receptor =B2671+1 (sensitive receptor: C2630)
DISCCART 405987.496503612 3758887.49932193 344.40 1.50
** receptor =B2672+1 (sensitive receptor: C2631)
DISCCART 405987.496503612 3758837.49949925 337.80 1.50
** receptor =B2673+1 (sensitive receptor: C2632)
DISCCART 405987.496503612 3758787.49967657 331.30 1.50
** receptor =B2674+1 (sensitive receptor: C2633)
DISCCART 405987.496503612 3758737.49985389 324.70 1.50
** receptor =B2675+1 (sensitive receptor: C2634)
DISCCART 405987.496503612 3758687.50003121 320.70 1.50
** receptor =B2676+1 (sensitive receptor: C2635)
DISCCART 406037.499303424 3759987.50541887 707.80 1.50
** receptor =B2677+1 (sensitive receptor: C2636)
DISCCART 406037.499303424 3759837.50595083 631.60 1.50
** receptor =B2678+1 (sensitive receptor: C2637)
DISCCART 406037.499303424 3759787.50612815 603.60 1.50
** receptor =B2679+1 (sensitive receptor: C2638)
DISCCART 406037.499303424 3759737.50630547 590.00 1.50
** receptor =B2680+1 (sensitive receptor: C2639)
DISCCART 406037.499303424 3759687.50648279 560.00 1.50
** receptor =B2681+1 (sensitive receptor: C2640)
DISCCART 406037.499303424 3759637.50666011 538.60 1.50
** receptor =B2682+1 (sensitive receptor: C2641)
DISCCART 406037.499303424 3759587.50683743 525.50 1.50
** receptor =B2683+1 (sensitive receptor: C2642)
DISCCART 406037.499303424 3759537.50701475 517.00 1.50
** receptor =B2684+1 (sensitive receptor: C2643)
DISCCART 406037.499303424 3759487.50719207 480.40 1.50
** receptor =B2685+1 (sensitive receptor: C2644)
DISCCART 406037.499303424 3759437.50736939 463.20 1.50
** receptor =B2686+1 (sensitive receptor: C2645)
DISCCART 406037.499303424 3759387.49754874 457.20 1.50
** receptor =B2687+1 (sensitive receptor: C2646)
DISCCART 406037.499303424 3759337.49772606 437.00 1.50
** receptor =B2688+1 (sensitive receptor: C2647)
DISCCART 406037.499303424 3759287.49790338 417.80 1.50
** receptor =B2689+1 (sensitive receptor: C2648)
DISCCART 406037.499303424 3759237.4980807 396.80 1.50
** receptor =B2690+1 (sensitive receptor: C2649)
DISCCART 406037.499303424 3759187.49825802 387.00 1.50
** receptor =B2691+1 (sensitive receptor: C2650)
DISCCART 406037.499303424 3759137.49843534 380.50 1.50
** receptor =B2692+1 (sensitive receptor: C2651)
DISCCART 406037.499303424 3759087.49861266 373.90 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B2693+1 (sensitive receptor: C2652)
DISCCART 406037.499303424 3759037.49878997 366.60 1.50

** receptor =B2694+1 (sensitive receptor: C2653)
DISCCART 406037.499303424 3758987.49896729 364.10 1.50

** receptor =B2695+1 (sensitive receptor: C2654)
DISCCART 406037.499303424 3758937.49914461 357.50 1.50

** receptor =B2696+1 (sensitive receptor: C2655)
DISCCART 406037.499303424 3758887.49932193 350.20 1.50

** receptor =B2697+1 (sensitive receptor: C2656)
DISCCART 406037.499303424 3758837.49949925 341.10 1.50

** receptor =B2698+1 (sensitive receptor: C2657)
DISCCART 406037.499303424 3758787.49967657 337.10 1.50

** receptor =B2699+1 (sensitive receptor: C2658)
DISCCART 406037.499303424 3758737.49985389 330.50 1.50

** receptor =B2700+1 (sensitive receptor: C2659)
DISCCART 406037.499303424 3758687.50003121 321.40 1.50

** receptor =B2701+1 (sensitive receptor: C2660)
DISCCART 406087.502103235 3759987.50541887 645.50 1.50

** receptor =B2702+1 (sensitive receptor: C2661)
DISCCART 406087.502103235 3759837.50595083 514.80 1.50

** receptor =B2703+1 (sensitive receptor: C2662)
DISCCART 406087.502103235 3759787.50612815 500.20 1.50

** receptor =B2704+1 (sensitive receptor: C2663)
DISCCART 406087.502103235 3759737.50630547 496.30 1.50

** receptor =B2705+1 (sensitive receptor: C2664)
DISCCART 406087.502103235 3759687.50648279 490.40 1.50

** receptor =B2706+1 (sensitive receptor: C2665)
DISCCART 406087.502103235 3759637.50666011 490.40 1.50

** receptor =B2707+1 (sensitive receptor: C2666)
DISCCART 406087.502103235 3759587.50683743 480.90 1.50

** receptor =B2708+1 (sensitive receptor: C2667)
DISCCART 406087.502103235 3759537.50701475 465.80 1.50

** receptor =B2709+1 (sensitive receptor: C2668)
DISCCART 406087.502103235 3759487.50719207 463.20 1.50

** receptor =B2710+1 (sensitive receptor: C2669)
DISCCART 406087.502103235 3759437.50736939 435.10 1.50

** receptor =B2711+1 (sensitive receptor: C2670)
DISCCART 406087.502103235 3759387.49754874 421.30 1.50

** receptor =B2712+1 (sensitive receptor: C2671)
DISCCART 406087.502103235 3759337.49772606 416.60 1.50

** receptor =B2713+1 (sensitive receptor: C2672)
DISCCART 406087.502103235 3759287.49790338 420.50 1.50

** receptor =B2714+1 (sensitive receptor: C2673)
DISCCART 406087.502103235 3759237.4980807 396.90 1.50

** receptor =B2715+1 (sensitive receptor: C2674)
DISCCART 406087.502103235 3759187.49825802 393.60 1.50

** receptor =B2716+1 (sensitive receptor: C2675)
DISCCART 406087.502103235 3759137.49843534 387.00 1.50

** receptor =B2717+1 (sensitive receptor: C2676)
DISCCART 406087.502103235 3759087.49861266 380.50 1.50

** receptor =B2718+1 (sensitive receptor: C2677)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406087.502103235 3759037.49878997 373.90 1.50
** receptor =B2719+1 (sensitive receptor: C2678)

DISCCART 406087.502103235 3758987.49896729 369.90 1.50
** receptor =B2720+1 (sensitive receptor: C2679)

DISCCART 406087.502103235 3758937.49914461 360.80 1.50
** receptor =B2721+1 (sensitive receptor: C2680)

DISCCART 406087.502103235 3758887.49932193 356.70 1.50
** receptor =B2722+1 (sensitive receptor: C2681)

DISCCART 406087.502103235 3758837.49949925 347.70 1.50
** receptor =B2723+1 (sensitive receptor: C2682)

DISCCART 406087.502103235 3758787.49967657 341.10 1.50
** receptor =B2724+1 (sensitive receptor: C2683)

DISCCART 406087.502103235 3758737.49985389 334.60 1.50
** receptor =B2725+1 (sensitive receptor: C2684)

DISCCART 406087.502103235 3758687.50003121 328.00 1.50
** receptor =B2726+1 (sensitive receptor: C2685)

DISCCART 406137.496657202 3759987.50541887 550.90 1.50
** receptor =B2727+1 (sensitive receptor: C2686)

DISCCART 406137.496657202 3759837.50595083 488.60 1.50
** receptor =B2728+1 (sensitive receptor: C2687)

DISCCART 406137.496657202 3759787.50612815 485.40 1.50
** receptor =B2729+1 (sensitive receptor: C2688)

DISCCART 406137.496657202 3759737.50630547 484.00 1.50
** receptor =B2730+1 (sensitive receptor: C2689)

DISCCART 406137.496657202 3759687.50648279 484.00 1.50
** receptor =B2731+1 (sensitive receptor: C2690)

DISCCART 406137.496657202 3759637.50666011 471.50 1.50
** receptor =B2732+1 (sensitive receptor: C2691)

DISCCART 406137.496657202 3759587.50683743 465.70 1.50
** receptor =B2733+1 (sensitive receptor: C2692)

DISCCART 406137.496657202 3759537.50701475 457.10 1.50
** receptor =B2734+1 (sensitive receptor: C2693)

DISCCART 406137.496657202 3759487.50719207 427.80 1.50
** receptor =B2735+1 (sensitive receptor: C2694)

DISCCART 406137.496657202 3759437.50736939 429.00 1.50
** receptor =B2736+1 (sensitive receptor: C2695)

DISCCART 406137.496657202 3759387.49754874 438.10 1.50
** receptor =B2737+1 (sensitive receptor: C2696)

DISCCART 406137.496657202 3759337.49772606 434.90 1.50
** receptor =B2738+1 (sensitive receptor: C2697)

DISCCART 406137.496657202 3759287.49790338 428.80 1.50
** receptor =B2739+1 (sensitive receptor: C2698)

DISCCART 406137.496657202 3759237.4980807 409.90 1.50
** receptor =B2740+1 (sensitive receptor: C2699)

DISCCART 406137.496657202 3759187.49825802 402.70 1.50
** receptor =B2741+1 (sensitive receptor: C2700)

DISCCART 406137.496657202 3759137.49843534 393.60 1.50
** receptor =B2742+1 (sensitive receptor: C2701)

DISCCART 406137.496657202 3759087.49861266 387.00 1.50
** receptor =B2743+1 (sensitive receptor: C2702)

DISCCART 406137.496657202 3759037.49878997 380.50 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B2744+1 (sensitive receptor: C2703)
DISCCART 406137.496657202 3758987.49896729 377.20 1.50

** receptor =B2745+1 (sensitive receptor: C2704)
DISCCART 406137.496657202 3758937.49914461 369.90 1.50

** receptor =B2746+1 (sensitive receptor: C2705)
DISCCART 406137.496657202 3758887.49932193 360.80 1.50

** receptor =B2747+1 (sensitive receptor: C2706)
DISCCART 406137.496657202 3758837.49949925 354.20 1.50

** receptor =B2748+1 (sensitive receptor: C2707)
DISCCART 406137.496657202 3758787.49967657 344.40 1.50

** receptor =B2749+1 (sensitive receptor: C2708)
DISCCART 406137.496657202 3758737.49985389 337.80 1.50

** receptor =B2750+1 (sensitive receptor: C2709)
DISCCART 406137.496657202 3758687.50003121 331.30 1.50

** receptor =B2751+1 (sensitive receptor: C2710)
DISCCART 406187.499457013 3759437.50736939 487.20 1.50

** receptor =B2752+1 (sensitive receptor: C2711)
DISCCART 406187.499457013 3759387.49754874 470.10 1.50

** receptor =B2753+1 (sensitive receptor: C2712)
DISCCART 406187.499457013 3759337.49772606 462.50 1.50

** receptor =B2754+1 (sensitive receptor: C2713)
DISCCART 406187.499457013 3759287.49790338 439.40 1.50

** receptor =B2755+1 (sensitive receptor: C2714)
DISCCART 406187.499457013 3759237.4980807 416.60 1.50

** receptor =B2756+1 (sensitive receptor: C2715)
DISCCART 406187.499457013 3759187.49825802 406.70 1.50

** receptor =B2757+1 (sensitive receptor: C2716)
DISCCART 406187.499457013 3759137.49843534 400.10 1.50

** receptor =B2758+1 (sensitive receptor: C2717)
DISCCART 406187.499457013 3759087.49861266 393.60 1.50

** receptor =B2759+1 (sensitive receptor: C2718)
DISCCART 406187.499457013 3759037.49878997 387.00 1.50

** receptor =B2760+1 (sensitive receptor: C2719)
DISCCART 406187.499457013 3758987.49896729 383.00 1.50

** receptor =B2761+1 (sensitive receptor: C2720)
DISCCART 406187.499457013 3758937.49914461 373.90 1.50

** receptor =B2762+1 (sensitive receptor: C2721)
DISCCART 406187.499457013 3758887.49932193 366.60 1.50

** receptor =B2763+1 (sensitive receptor: C2722)
DISCCART 406187.499457013 3758837.49949925 357.50 1.50

** receptor =B2764+1 (sensitive receptor: C2723)
DISCCART 406187.499457013 3758787.49967657 347.70 1.50

** receptor =B2765+1 (sensitive receptor: C2724)
DISCCART 406187.499457013 3758737.49985389 341.00 1.50

** receptor =B2766+1 (sensitive receptor: C2725)
DISCCART 406187.499457013 3758687.50003121 334.60 1.50

** receptor =B2767+1 (sensitive receptor: C2726)
DISCCART 406237.502256824 3759437.50736939 501.80 1.50

** receptor =B2768+1 (sensitive receptor: C2727)
DISCCART 406237.502256824 3759387.49754874 482.80 1.50

** receptor =B2769+1 (sensitive receptor: C2728)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406237.502256824 3759337.49772606 462.30 1.50
** receptor =B2770+1 (sensitive receptor: C2729)
DISCCART 406237.502256824 3759287.49790338 446.00 1.50
** receptor =B2771+1 (sensitive receptor: C2730)
DISCCART 406237.502256824 3759237.4980807 426.30 1.50
** receptor =B2772+1 (sensitive receptor: C2731)
DISCCART 406237.502256824 3759187.49825802 413.30 1.50
** receptor =B2773+1 (sensitive receptor: C2732)
DISCCART 406237.502256824 3759137.49843534 403.40 1.50
** receptor =B2774+1 (sensitive receptor: C2733)
DISCCART 406237.502256824 3759087.49861266 399.40 1.50
** receptor =B2775+1 (sensitive receptor: C2734)
DISCCART 406237.502256824 3759037.49878997 390.30 1.50
** receptor =B2776+1 (sensitive receptor: C2735)
DISCCART 406237.502256824 3758987.49896729 383.80 1.50
** receptor =B2777+1 (sensitive receptor: C2736)
DISCCART 406237.502256824 3758937.49914461 377.10 1.50
** receptor =B2778+1 (sensitive receptor: C2737)
DISCCART 406237.502256824 3758887.49932193 367.40 1.50
** receptor =B2779+1 (sensitive receptor: C2738)
DISCCART 406237.502256824 3758837.49949925 360.70 1.50
** receptor =B2780+1 (sensitive receptor: C2739)
DISCCART 406237.502256824 3758787.49967657 350.90 1.50
** receptor =B2781+1 (sensitive receptor: C2740)
DISCCART 406237.502256824 3758737.49985389 344.30 1.50
** receptor =B2782+1 (sensitive receptor: C2741)
DISCCART 406237.502256824 3758687.50003121 337.80 1.50
** receptor =B2783+1 (sensitive receptor: C2742)
DISCCART 406287.496810791 3759437.50736939 508.40 1.50
** receptor =B2784+1 (sensitive receptor: C2743)
DISCCART 406287.496810791 3759387.49754874 501.00 1.50
** receptor =B2785+1 (sensitive receptor: C2744)
DISCCART 406287.496810791 3759337.49772606 465.00 1.50
** receptor =B2786+1 (sensitive receptor: C2745)
DISCCART 406287.496810791 3759287.49790338 449.30 1.50
** receptor =B2787+1 (sensitive receptor: C2746)
DISCCART 406287.496810791 3759237.4980807 432.90 1.50
** receptor =B2788+1 (sensitive receptor: C2747)
DISCCART 406287.496810791 3759187.49825802 416.60 1.50
** receptor =B2789+1 (sensitive receptor: C2748)
DISCCART 406287.496810791 3759137.49843534 409.20 1.50
** receptor =B2790+1 (sensitive receptor: C2749)
DISCCART 406287.496810791 3759087.49861266 400.20 1.50
** receptor =B2791+1 (sensitive receptor: C2750)
DISCCART 406287.496810791 3759037.49878997 393.50 1.50
** receptor =B2792+1 (sensitive receptor: C2751)
DISCCART 406287.496810791 3758987.49896729 383.70 1.50
** receptor =B2793+1 (sensitive receptor: C2752)
DISCCART 406287.496810791 3758937.49914461 377.10 1.50
** receptor =B2794+1 (sensitive receptor: C2753)
DISCCART 406287.496810791 3758887.49932193 367.40 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B2795+1 (sensitive receptor: C2754)
DISCCART 406287.496810791 3758837.49949925 357.50 1.50

** receptor =B2796+1 (sensitive receptor: C2755)
DISCCART 406287.496810791 3758787.49967657 354.20 1.50

** receptor =B2797+1 (sensitive receptor: C2756)
DISCCART 406287.496810791 3758737.49985389 346.90 1.50

** receptor =B2798+1 (sensitive receptor: C2757)
DISCCART 406287.496810791 3758687.50003121 343.60 1.50

** receptor =B2799+1 (sensitive receptor: C2758)
DISCCART 406337.499610602 3759437.50736939 508.30 1.50

** receptor =B2800+1 (sensitive receptor: C2759)
DISCCART 406337.499610602 3759387.49754874 499.30 1.50

** receptor =B2801+1 (sensitive receptor: C2760)
DISCCART 406337.499610602 3759337.49772606 475.40 1.50

** receptor =B2802+1 (sensitive receptor: C2761)
DISCCART 406337.499610602 3759287.49790338 452.60 1.50

** receptor =B2803+1 (sensitive receptor: C2762)
DISCCART 406337.499610602 3759237.4980807 436.20 1.50

** receptor =B2804+1 (sensitive receptor: C2763)
DISCCART 406337.499610602 3759187.49825802 423.00 1.50

** receptor =B2805+1 (sensitive receptor: C2764)
DISCCART 406337.499610602 3759137.49843534 412.50 1.50

** receptor =B2806+1 (sensitive receptor: C2765)
DISCCART 406337.499610602 3759087.49861266 400.20 1.50

** receptor =B2807+1 (sensitive receptor: C2766)
DISCCART 406337.499610602 3759037.49878997 393.60 1.50

** receptor =B2808+1 (sensitive receptor: C2767)
DISCCART 406337.499610602 3758987.49896729 383.70 1.50

** receptor =B2809+1 (sensitive receptor: C2768)
DISCCART 406337.499610602 3758937.49914461 373.90 1.50

** receptor =B2810+1 (sensitive receptor: C2769)
DISCCART 406337.499610602 3758887.49932193 367.30 1.50

** receptor =B2811+1 (sensitive receptor: C2770)
DISCCART 406337.499610602 3758837.49949925 358.20 1.50

** receptor =B2812+1 (sensitive receptor: C2771)
DISCCART 406337.499610602 3758787.49967657 354.20 1.50

** receptor =B2813+1 (sensitive receptor: C2772)
DISCCART 406337.499610602 3758737.49985389 350.20 1.50

** receptor =B2814+1 (sensitive receptor: C2773)
DISCCART 406337.499610602 3758687.50003121 347.00 1.50

** receptor =B2815+1 (sensitive receptor: C2774)
DISCCART 406387.502410414 3759337.49772606 459.10 1.50

** receptor =B2816+1 (sensitive receptor: C2775)
DISCCART 406387.502410414 3759287.49790338 449.20 1.50

** receptor =B2817+1 (sensitive receptor: C2776)
DISCCART 406387.502410414 3759237.4980807 436.20 1.50

** receptor =B2818+1 (sensitive receptor: C2777)
DISCCART 406387.502410414 3759187.49825802 425.60 1.50

** receptor =B2819+1 (sensitive receptor: C2778)
DISCCART 406387.502410414 3759137.49843534 413.20 1.50

** receptor =B2820+1 (sensitive receptor: C2779)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406387.502410414 3759087.49861266 403.40 1.50
** receptor =B2821+1 (sensitive receptor: C2780)
DISCCART 406387.502410414 3759037.49878997 393.60 1.50
** receptor =B2822+1 (sensitive receptor: C2781)
DISCCART 406387.502410414 3758987.49896729 386.30 1.50
** receptor =B2823+1 (sensitive receptor: C2782)
DISCCART 406387.502410414 3758937.49914461 377.10 1.50
** receptor =B2824+1 (sensitive receptor: C2783)
DISCCART 406387.502410414 3758887.49932193 364.00 1.50
** receptor =B2825+1 (sensitive receptor: C2784)
DISCCART 406387.502410414 3758837.49949925 357.50 1.50
** receptor =B2826+1 (sensitive receptor: C2785)
DISCCART 406387.502410414 3758787.49967657 354.20 1.50
** receptor =B2827+1 (sensitive receptor: C2786)
DISCCART 406387.502410414 3758737.49985389 354.20 1.50
** receptor =B2828+1 (sensitive receptor: C2787)
DISCCART 406387.502410414 3758687.50003121 354.20 1.50
** receptor =B2829+1 (sensitive receptor: C2788)
DISCCART 406437.496964381 3759337.49772606 455.80 1.50
** receptor =B2830+1 (sensitive receptor: C2789)
DISCCART 406437.496964381 3759287.49790338 446.10 1.50
** receptor =B2831+1 (sensitive receptor: C2790)
DISCCART 406437.496964381 3759237.4980807 439.50 1.50
** receptor =B2832+1 (sensitive receptor: C2791)
DISCCART 406437.496964381 3759187.49825802 426.30 1.50
** receptor =B2833+1 (sensitive receptor: C2792)
DISCCART 406437.496964381 3759137.49843534 413.20 1.50
** receptor =B2834+1 (sensitive receptor: C2793)
DISCCART 406437.496964381 3759087.49861266 403.40 1.50
** receptor =B2835+1 (sensitive receptor: C2794)
DISCCART 406437.496964381 3759037.49878997 393.60 1.50
** receptor =B2836+1 (sensitive receptor: C2795)
DISCCART 406437.496964381 3758987.49896729 387.00 1.50
** receptor =B2837+1 (sensitive receptor: C2796)
DISCCART 406437.496964381 3758937.49914461 380.40 1.50
** receptor =B2838+1 (sensitive receptor: C2797)
DISCCART 406437.496964381 3758887.49932193 366.50 1.50
** receptor =B2839+1 (sensitive receptor: C2798)
DISCCART 406437.496964381 3758837.49949925 357.50 1.50
** receptor =B2840+1 (sensitive receptor: C2799)
DISCCART 406437.496964381 3758787.49967657 357.50 1.50
** receptor =B2841+1 (sensitive receptor: C2800)
DISCCART 406437.496964381 3758737.49985389 357.50 1.50
** receptor =B2842+1 (sensitive receptor: C2801)
DISCCART 406437.496964381 3758687.50003121 360.80 1.50
** receptor =B2843+1 (sensitive receptor: C2802)
DISCCART 406487.499764192 3759287.49790338 449.30 1.50
** receptor =B2844+1 (sensitive receptor: C2803)
DISCCART 406487.499764192 3759237.4980807 439.40 1.50
** receptor =B2845+1 (sensitive receptor: C2804)
DISCCART 406487.499764192 3759187.49825802 423.10 1.50

Appendix B

NOx Peak Hour Emissions Unmitigated

** receptor =B2846+1 (sensitive receptor: C2805)
DISCCART 406487.499764192 3759137.49843534 413.30 1.50

** receptor =B2847+1 (sensitive receptor: C2806)
DISCCART 406487.499764192 3759087.49861266 403.40 1.50

** receptor =B2848+1 (sensitive receptor: C2807)
DISCCART 406487.499764192 3759037.49878997 396.10 1.50

** receptor =B2849+1 (sensitive receptor: C2808)
DISCCART 406487.499764192 3758987.49896729 390.20 1.50

** receptor =B2850+1 (sensitive receptor: C2809)
DISCCART 406487.499764192 3758937.49914461 383.00 1.50

** receptor =B2851+1 (sensitive receptor: C2810)
DISCCART 406487.499764192 3758887.49932193 370.60 1.50

** receptor =B2852+1 (sensitive receptor: C2811)
DISCCART 406487.499764192 3758837.49949925 366.60 1.50

** receptor =B2853+1 (sensitive receptor: C2812)
DISCCART 406487.499764192 3758787.49967657 366.70 1.50

** receptor =B2854+1 (sensitive receptor: C2813)
DISCCART 406487.499764192 3758737.49985389 367.40 1.50

** receptor =B2855+1 (sensitive receptor: C2814)
DISCCART 406487.499764192 3758687.50003121 366.60 1.50

** receptor =B2856+1 (sensitive receptor: C2815)
DISCCART 406537.502564003 3759237.4980807 439.50 1.50

** receptor =B2857+1 (sensitive receptor: C2816)
DISCCART 406537.502564003 3759187.49825802 426.40 1.50

** receptor =B2858+1 (sensitive receptor: C2817)
DISCCART 406537.502564003 3759137.49843534 416.50 1.50

** receptor =B2859+1 (sensitive receptor: C2818)
DISCCART 406537.502564003 3759087.49861266 409.20 1.50

** receptor =B2860+1 (sensitive receptor: C2819)
DISCCART 406537.502564003 3759037.49878997 400.10 1.50

** receptor =B2861+1 (sensitive receptor: C2820)
DISCCART 406537.502564003 3758987.49896729 390.20 1.50

** receptor =B2862+1 (sensitive receptor: C2821)
DISCCART 406537.502564003 3758937.49914461 380.40 1.50

** receptor =B2863+1 (sensitive receptor: C2822)
DISCCART 406537.502564003 3758887.49932193 377.20 1.50

** receptor =B2864+1 (sensitive receptor: C2823)
DISCCART 406537.502564003 3758837.49949925 380.50 1.50

** receptor =B2865+1 (sensitive receptor: C2824)
DISCCART 406537.502564003 3758787.49967657 379.80 1.50

** receptor =B2866+1 (sensitive receptor: C2825)
DISCCART 406537.502564003 3758737.49985389 376.40 1.50

** receptor =B2867+1 (sensitive receptor: C2826)
DISCCART 406537.502564003 3758687.50003121 373.10 1.50

** receptor =B2868+1 (sensitive receptor: C2827)
DISCCART 406587.49711797 3759237.4980807 448.60 1.50

** receptor =B2869+1 (sensitive receptor: C2828)
DISCCART 406587.49711797 3759187.49825802 436.20 1.50

** receptor =B2870+1 (sensitive receptor: C2829)
DISCCART 406587.49711797 3759137.49843534 423.10 1.50

** receptor =B2871+1 (sensitive receptor: C2830)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406587.49711797 3759087.49861266 413.30 1.50
** receptor =B2872+1 (sensitive receptor: C2831)
DISCCART 406587.49711797 3759037.49878997 403.40 1.50
** receptor =B2873+1 (sensitive receptor: C2832)
DISCCART 406587.49711797 3758987.49896729 393.60 1.50
** receptor =B2874+1 (sensitive receptor: C2833)
DISCCART 406587.49711797 3758937.49914461 389.60 1.50
** receptor =B2875+1 (sensitive receptor: C2834)
DISCCART 406587.49711797 3758887.49932193 389.70 1.50
** receptor =B2876+1 (sensitive receptor: C2835)
DISCCART 406587.49711797 3758837.49949925 389.60 1.50
** receptor =B2877+1 (sensitive receptor: C2836)
DISCCART 406587.49711797 3758787.49967657 386.30 1.50
** receptor =B2878+1 (sensitive receptor: C2837)
DISCCART 406587.49711797 3758737.49985389 380.50 1.50
** receptor =B2879+1 (sensitive receptor: C2838)
DISCCART 406587.49711797 3758687.50003121 377.20 1.50
** receptor =B2880+1 (sensitive receptor: C2839)
DISCCART 406587.49711797 3758637.50020853 370.60 1.50
** receptor =B2881+1 (sensitive receptor: C2840)
DISCCART 406637.499917781 3759187.49825802 442.80 1.50
** receptor =B2882+1 (sensitive receptor: C2841)
DISCCART 406637.499917781 3759137.49843534 429.60 1.50
** receptor =B2883+1 (sensitive receptor: C2842)
DISCCART 406637.499917781 3759087.49861266 419.80 1.50
** receptor =B2884+1 (sensitive receptor: C2843)
DISCCART 406637.499917781 3759037.49878997 403.40 1.50
** receptor =B2885+1 (sensitive receptor: C2844)
DISCCART 406637.499917781 3758987.49896729 400.20 1.50
** receptor =B2886+1 (sensitive receptor: C2845)
DISCCART 406637.499917781 3758937.49914461 402.70 1.50
** receptor =B2887+1 (sensitive receptor: C2846)
DISCCART 406637.499917781 3758887.49932193 402.70 1.50
** receptor =B2888+1 (sensitive receptor: C2847)
DISCCART 406637.499917781 3758837.49949925 396.90 1.50
** receptor =B2889+1 (sensitive receptor: C2848)
DISCCART 406637.499917781 3758787.49967657 390.30 1.50
** receptor =B2890+1 (sensitive receptor: C2849)
DISCCART 406637.499917781 3758737.49985389 383.80 1.50
** receptor =B2891+1 (sensitive receptor: C2850)
DISCCART 406637.499917781 3758687.50003121 380.40 1.50
** receptor =B2892+1 (sensitive receptor: C2851)
DISCCART 406687.502717592 3759137.49843534 429.60 1.50
** receptor =B2893+1 (sensitive receptor: C2852)
DISCCART 406687.502717592 3759087.49861266 419.90 1.50
** receptor =B2894+1 (sensitive receptor: C2853)
DISCCART 406687.502717592 3759037.49878997 416.60 1.50
** receptor =B2895+1 (sensitive receptor: C2854)
DISCCART 406687.502717592 3758987.49896729 416.50 1.50
** receptor =B2896+1 (sensitive receptor: C2855)
DISCCART 406687.502717592 3758937.49914461 415.80 1.50

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** receptor =B2897+1 (sensitive receptor: C2856)
DISCCART 406687.502717592 3758887.49932193 406.60 1.50

** receptor =B2898+1 (sensitive receptor: C2857)
DISCCART 406687.502717592 3758837.49949925 400.10 1.50

** receptor =B2899+1 (sensitive receptor: C2858)
DISCCART 406687.502717592 3758737.49985389 383.80 1.50

** receptor =B2900+1 (sensitive receptor: C2859)
DISCCART 406737.497271559 3759137.49843534 438.80 1.50

** receptor =B2901+1 (sensitive receptor: C2860)
DISCCART 406737.497271559 3759037.49878997 438.70 1.50

** receptor =B2902+1 (sensitive receptor: C2861)
DISCCART 406737.497271559 3758987.49896729 429.60 1.50

** receptor =B2903+1 (sensitive receptor: C2862)
DISCCART 406737.497271559 3758937.49914461 417.30 1.50

** receptor =B2904+1 (sensitive receptor: C2863)
DISCCART 406737.497271559 3758637.50020853 383.70 1.50

** receptor =B2905+1 (sensitive receptor: C2864)
DISCCART 406787.50007137 3759037.49878997 455.10 1.50

** receptor =B2906+1 (sensitive receptor: C2865)
DISCCART 406787.50007137 3758987.49896729 432.90 1.50

** receptor =B2907+1 (sensitive receptor: C2866)
DISCCART 406787.50007137 3758937.49914461 416.60 1.50

** receptor =B2908+1 (sensitive receptor: C2867)
DISCCART 406787.50007137 3758687.50003121 393.60 1.50

** receptor =B2909+1 (sensitive receptor: C2868)
DISCCART 406787.50007137 3758637.50020853 380.50 1.50

** receptor =B2910+1 (sensitive receptor: C2869)
DISCCART 406837.502871182 3758737.49985389 406.60 1.50

** receptor =B2911+1 (sensitive receptor: C2870)
DISCCART 406837.502871182 3758687.50003121 400.10 1.50

** receptor =B2912+1 (sensitive receptor: C2871)
DISCCART 406837.502871182 3758637.50020853 387.00 1.50

** receptor =B2913+1 (sensitive receptor: C2872)
DISCCART 406887.497425149 3758787.49967657 415.80 1.50

** receptor =B2914+1 (sensitive receptor: C2873)
DISCCART 406887.497425149 3758737.49985389 406.60 1.50

** receptor =B2915+1 (sensitive receptor: C2874)
DISCCART 406887.497425149 3758687.50003121 396.80 1.50

** receptor =B2916+1 (sensitive receptor: C2875)
DISCCART 406887.497425149 3758637.50020853 383.70 1.50

** receptor =B2917+1 (sensitive receptor: C2876)
DISCCART 406937.50022496 3758737.49985389 403.40 1.50

** receptor =B2918+1 (sensitive receptor: C2877)
DISCCART 406937.50022496 3758687.50003121 393.50 1.50

** receptor =B2919+1 (sensitive receptor: C2878)
DISCCART 406937.50022496 3758637.50020853 380.40 1.50

** receptor =B2920+1 (sensitive receptor: C2879)
DISCCART 406987.503024771 3758737.49985389 403.40 1.50

** receptor =B2921+1 (sensitive receptor: C2880)
DISCCART 406987.503024771 3758687.50003121 393.40 1.50

** receptor =B2922+1 (sensitive receptor: C2881)

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DISCCART 406987.503024771 3758637.50020853 377.30 1.50
** receptor =B2923+1 (sensitive receptor: C2882)

DISCCART 407037.497578738 3758687.50003121 387.60 1.50
** receptor =B2924+1 (sensitive receptor: C2883)

DISCCART 407037.497578738 3758637.50020853 380.60 1.50
** receptor =B2925+1 (sensitive receptor: C2884)

DISCCART 407087.500378549 3758637.50020853 400.20 1.50
** receptor =B2926+1 (sensitive receptor: C2885)

DISCCART 407137.50317836 3758637.50020853 409.40 1.50
** receptor =B2927+1 (sensitive receptor: C2886)

DISCCART 407187.497732327 3758637.50020853 422.40 1.50
** receptor =B2928+1 (sensitive receptor: C2887)

DISCCART 407237.500532139 3758637.50020853 438.80 1.50
** receptor =B2929+1 (sensitive receptor: C2888)

DISCCART 407287.50333195 3758637.50020853 458.50 1.50
** receptor =B2930+1 (sensitive receptor: C2889)

DISCCART 407337.497885917 3758637.50020853 474.90 1.50
** receptor =B2931+1 (sensitive receptor: C2890)

DISCCART 407387.500685728 3758637.50020853 490.60 1.50
** receptor =B2932+1 (sensitive receptor: C2891)

DISCCART 407437.495239695 3758637.50020853 505.10 1.50
** receptor =B2933+1 (sensitive receptor: C2892)

DISCCART 407487.498039506 3758637.50020853 490.20 1.50
** receptor =B2934+1 (sensitive receptor: C2893)

DISCCART 407537.500839317 3758637.50020853 0.00 1.50
** receptor =B2935+1 (sensitive receptor: C2894)

DISCCART 407587.495393284 3758637.50020853 0.00 1.50
** receptor =B2936+1 (sensitive receptor: C2895)

DISCCART 407637.498193095 3758637.50020853 0.00 1.50
** receptor =B2937+1 (sensitive receptor: C2896)

DISCCART 407687.500992907 3758637.50020853 0.00 1.50
** receptor =B2938+1 (sensitive receptor: C2897)

DISCCART 407737.495546874 3758637.50020853 0.00 1.50
** receptor =B2939+1 (sensitive receptor: C2898)

DISCCART 407787.498346685 3758637.50020853 0.00 1.50
** receptor =B2940+1 (sensitive receptor: C2899)

DISCCART 407837.501146496 3758637.50020853 0.00 1.50
** receptor =B2941+1 (sensitive receptor: C2900)

DISCCART 407887.503946307 3758637.50020853 0.00 1.50
** receptor =B2942+1 (sensitive receptor: C2901)

DISCCART 407937.498500274 3758637.50020853 0.00 1.50
** receptor =B2943+1 (sensitive receptor: C2902)

DISCCART 407987.501300085 3758637.50020853 0.00 1.50
** receptor =B2944+1 (sensitive receptor: C2903)

DISCCART 408037.495854052 3758637.50020853 0.00 1.50
** receptor =B2945+1 (sensitive receptor: C2904)

DISCCART 408087.498653864 3758637.50020853 0.00 1.50
** receptor =B2946+1 (sensitive receptor: C2905)

DISCCART 405987.496503612 3758637.50020853 314.90 1.50
** receptor =B2947+1 (sensitive receptor: C2906)

DISCCART 405987.496503612 3758587.50038585 310.80 1.50

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NOx Peak Hour Emissions Unmitigated

** receptor =B2948+1 (sensitive receptor: C2907)
DISCCART 406037.499303424 3758637.50020853 318.20 1.50

** receptor =B2949+1 (sensitive receptor: C2908)
DISCCART 406037.499303424 3758587.50038585 314.10 1.50

** receptor =B2950+1 (sensitive receptor: C2909)
DISCCART 406087.502103235 3758637.50020853 321.40 1.50

** receptor =B2951+1 (sensitive receptor: C2910)
DISCCART 406087.502103235 3758587.50038585 318.10 1.50

** receptor =B2952+1 (sensitive receptor: C2911)
DISCCART 406137.496657202 3758637.50020853 324.70 1.50

** receptor =B2953+1 (sensitive receptor: C2912)
DISCCART 406137.496657202 3758587.50038585 321.40 1.50

** receptor =B2954+1 (sensitive receptor: C2913)
DISCCART 406187.499457013 3758637.50020853 331.30 1.50

** receptor =B2955+1 (sensitive receptor: C2914)
DISCCART 406187.499457013 3758587.50038585 327.30 1.50

** receptor =B2956+1 (sensitive receptor: C2915)
DISCCART 406237.502256824 3758637.50020853 334.60 1.50

** receptor =B2957+1 (sensitive receptor: C2916)
DISCCART 406237.502256824 3758587.50038585 333.80 1.50

** receptor =B2958+1 (sensitive receptor: C2917)
DISCCART 406287.496810791 3758637.50020853 340.40 1.50

** receptor =B2959+1 (sensitive receptor: C2918)
DISCCART 406287.496810791 3758587.50038585 340.40 1.50

** receptor =B2960+1 (sensitive receptor: C2919)
DISCCART 406337.499610602 3758637.50020853 344.40 1.50

** receptor =B2961+1 (sensitive receptor: C2920)
DISCCART 406337.499610602 3758587.50038585 344.40 1.50

** receptor =B2962+1 (sensitive receptor: C2921)
DISCCART 406387.502410414 3758637.50020853 351.00 1.50

** receptor =B2963+1 (sensitive receptor: C2922)
DISCCART 406387.502410414 3758587.50038585 347.70 1.50

** receptor =B2964+1 (sensitive receptor: C2923)
DISCCART 406437.496964381 3758637.50020853 357.50 1.50

** receptor =B2965+1 (sensitive receptor: C2924)
DISCCART 406437.496964381 3758587.50038585 354.20 1.50

** receptor =B2966+1 (sensitive receptor: C2925)
DISCCART 406487.499764192 3758637.50020853 363.30 1.50

** receptor =B2967+1 (sensitive receptor: C2926)
DISCCART 406487.499764192 3758587.50038585 357.50 1.50

** receptor =B2968+1 (sensitive receptor: C2927)
DISCCART 406537.502564003 3758637.50020853 367.40 1.50

** receptor =B2969+1 (sensitive receptor: C2928)
DISCCART 406537.502564003 3758587.50038585 363.30 1.50

** receptor =B2970+1 (sensitive receptor: C2929)
DISCCART 406587.49711797 3758587.50038585 364.10 1.50

** receptor =B2971+1 (sensitive receptor: C2930)
DISCCART 406737.497271559 3758587.50038585 373.80 1.50

** receptor =B2972+1 (sensitive receptor: C2931)
DISCCART 406787.50007137 3758587.50038585 379.70 1.50

** receptor =B2973+1 (sensitive receptor: C2932)

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DISCCART 406837.502871182 3758587.50038585 371.10 1.50
** receptor =B2974+1 (sensitive receptor: C2933)
DISCCART 406887.497425149 3758587.50038585 354.40 1.50
** receptor =B2975+1 (sensitive receptor: C2934)
DISCCART 406937.50022496 3758587.50038585 380.60 1.50
** receptor =B2976+1 (sensitive receptor: C2935)
DISCCART 406987.503024771 3758587.50038585 387.10 1.50
** receptor =B2977+1 (sensitive receptor: C2936)
DISCCART 407037.497578738 3758587.50038585 399.50 1.50
** receptor =B2978+1 (sensitive receptor: C2937)
DISCCART 407087.500378549 3758587.50038585 403.50 1.50
** receptor =B2979+1 (sensitive receptor: C2938)
DISCCART 407137.50317836 3758587.50038585 413.30 1.50
** receptor =B2980+1 (sensitive receptor: C2939)
DISCCART 407187.497732327 3758587.50038585 435.20 1.50
** receptor =B2981+1 (sensitive receptor: C2940)
DISCCART 407237.500532139 3758587.50038585 451.90 1.50
** receptor =B2982+1 (sensitive receptor: C2941)
DISCCART 407287.50333195 3758587.50038585 456.00 1.50
** receptor =B2983+1 (sensitive receptor: C2942)
DISCCART 407337.497885917 3758587.50038585 471.70 1.50
** receptor =B2984+1 (sensitive receptor: C2943)
DISCCART 407387.500685728 3758587.50038585 493.10 1.50
** receptor =B2985+1 (sensitive receptor: C2944)
DISCCART 407437.495239695 3758587.50038585 507.70 1.50
** receptor =B2986+1 (sensitive receptor: C2945)
DISCCART 407487.498039506 3758587.50038585 496.70 1.50
** receptor =B2987+1 (sensitive receptor: C2946)
DISCCART 407537.500839317 3758587.50038585 0.00 1.50
** receptor =B2988+1 (sensitive receptor: C2947)
DISCCART 407587.495393284 3758587.50038585 0.00 1.50
** receptor =B2989+1 (sensitive receptor: C2948)
DISCCART 407637.498193095 3758587.50038585 0.00 1.50
** receptor =B2990+1 (sensitive receptor: C2949)
DISCCART 407687.500992907 3758587.50038585 0.00 1.50
** receptor =B2991+1 (sensitive receptor: C2950)
DISCCART 407737.495546874 3758587.50038585 0.00 1.50
** receptor =B2992+1 (sensitive receptor: C2951)
DISCCART 407787.498346685 3758587.50038585 0.00 1.50
** receptor =B2993+1 (sensitive receptor: C2952)
DISCCART 407837.501146496 3758587.50038585 0.00 1.50
** receptor =B2994+1 (sensitive receptor: C2953)
DISCCART 407887.503946307 3758587.50038585 0.00 1.50
** receptor =B2995+1 (sensitive receptor: C2954)
DISCCART 407937.498500274 3758587.50038585 0.00 1.50
** receptor =B2996+1 (sensitive receptor: C2955)
DISCCART 407987.501300085 3758587.50038585 0.00 1.50
** receptor =B2997+1 (sensitive receptor: C2956)
DISCCART 408037.495854052 3758587.50038585 0.00 1.50
** receptor =B2998+1 (sensitive receptor: C2957)
DISCCART 408087.498653864 3758587.50038585 0.00 1.50

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** CENSUS BLOCK RECEPTORS

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** receptor CE001 (census block: BLK408506021)
DISCCART 408749.806007506 3760427.54857406 0.00 0.00
** receptor CE002 (census block: BLK408506022)
DISCCART 408576.447507959 3760430.48997928 0.00 0.00
** receptor CE003 (census block: BLK408506023)
DISCCART 408341.802356354 3760655.27152249 0.00 0.00
** receptor CE004 (census block: BLK408506024)
DISCCART 408422.133849846 3760726.40898221 0.00 0.00
** receptor CE005 (census block: BLK408506025)
DISCCART 408512.511209633 3760597.35762377 0.00 0.00
** receptor CE006 (census block: BLK408506026)
DISCCART 408737.147770783 3760284.26416171 0.00 0.00
** receptor CE007 (census block: BLK500204000)
DISCCART 407589.230892095 3757492.83437839 0.00 0.00
** receptor CE008 (census block: BLK500205000)
DISCCART 406297.845135922 3757662.03464915 285.40 0.00
** receptor CE009 (census block: BLK500205002)
DISCCART 406584.226588385 3757389.73804016 259.10 0.00
** receptor CE010 (census block: BLK500206000)
DISCCART 407118.838102641 3757983.49210563 374.60 0.00
** receptor CE011 (census block: BLK500206001)
DISCCART 406874.273114441 3758349.69729429 380.50 0.00
** receptor CE012 (census block: BLK500206002)
DISCCART 406620.194570995 3758320.89375412 351.20 0.00
** receptor CE013 (census block: BLK500206003)
DISCCART 406622.538542243 3757771.77868935 308.70 0.00
** receptor CE014 (census block: BLK500206004)
DISCCART 406913.04327271 3757488.0297645 284.30 0.00
** receptor CE015 (census block: BLK500206005)
DISCCART 406700.61374404 3757538.34383004 285.70 0.00
** receptor CE016 (census block: BLK500206006)
DISCCART 407066.218777817 3757290.66451125 282.70 0.00
** receptor CE017 (census block: BLK500206007)
DISCCART 407127.283156841 3757406.39871061 301.70 0.00
** receptor CE018 (census block: BLK500211003)
DISCCART 408971.490403303 3759219.36440925 0.00 0.00
** receptor CE019 (census block: BLK500211005)
DISCCART 408922.461109132 3758958.82823152 0.00 0.00
** receptor CE020 (census block: BLK500211006)
DISCCART 408826.497851097 3758875.99205586 0.00 0.00
** receptor CE021 (census block: BLK500211007)
DISCCART 409072.446211828 3758868.12882921 0.00 0.00
** receptor CE022 (census block: BLK500211009)
DISCCART 408994.970734935 3758728.42800494 0.00 0.00
** receptor CE023 (census block: BLK500211010)
DISCCART 408227.331322753 3758224.39308564 0.00 0.00
** receptor CE024 (census block: BLK500211011)
DISCCART 408139.692864938 3758492.59557442 0.00 0.00
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** receptor CE025 (census block: BLK500211012)
DISCCART 408581.968092922 3758154.12672608 0.00 0.00

** receptor CE026 (census block: BLK500211014)
DISCCART 408461.584808023 3758025.84274235 0.00 0.00

** receptor CE027 (census block: BLK500211016)
DISCCART 407729.400128099 3758130.66335171 0.00 0.00

** receptor CE028 (census block: BLK500211017)
DISCCART 407645.410164862 3757976.23037572 0.00 0.00

** receptor CE029 (census block: BLK500211018)
DISCCART 407482.906231318 3757723.57574838 429.40 0.00

** receptor CE030 (census block: BLK501602000)
DISCCART 405320.372409447 3759819.90359013 397.10 0.00

** receptor CE031 (census block: BLK501603000)
DISCCART 405904.105071521 3759261.60693193 408.60 0.00

** receptor CE032 (census block: BLK501603001)
DISCCART 405691.519376126 3759433.35673872 446.10 0.00

** receptor CE033 (census block: BLK501603002)
DISCCART 405617.361162259 3759631.22815867 541.60 0.00

** receptor CE034 (census block: BLK501603003)
DISCCART 405524.653957262 3759523.85635574 432.00 0.00

** receptor CE035 (census block: BLK501603004)
DISCCART 405402.384335292 3759491.65726032 423.30 0.00

** receptor CE036 (census block: BLK501603005)
DISCCART 405646.010602342 3759322.97573433 394.10 0.00

** receptor CE037 (census block: BLK501603006)
DISCCART 405616.324715491 3759173.51836785 344.40 0.00

** receptor CE038 (census block: BLK501603007)
DISCCART 405512.622295278 3759095.02231357 321.40 0.00

** receptor CE039 (census block: BLK501603008)
DISCCART 405377.460981122 3759043.06949407 311.60 0.00

** receptor CE040 (census block: BLK501603009)
DISCCART 405466.316435546 3758975.76639931 308.30 0.00

** receptor CE041 (census block: BLK501603010)
DISCCART 405527.847444175 3758925.23486247 308.30 0.00

** receptor CE042 (census block: BLK501604000)
DISCCART 406550.621988931 3758915.09035494 380.50 0.00

** receptor CE043 (census block: BLK501604001)
DISCCART 406480.474429338 3759093.03218777 403.40 0.00

** receptor CE044 (census block: BLK501604002)
DISCCART 406259.70283558 3759222.54652611 424.70 0.00

** receptor CE045 (census block: BLK501604003)
DISCCART 406195.819017176 3759106.84555469 396.80 0.00

** receptor CE046 (census block: BLK501604004)
DISCCART 406070.236447137 3759025.17598326 370.80 0.00

** receptor CE047 (census block: BLK501604005)
DISCCART 405757.637016656 3758922.94604871 332.60 0.00

** receptor CE048 (census block: BLK501604006)
DISCCART 405844.377372919 3758855.24464319 330.80 0.00

** receptor CE049 (census block: BLK501604007)
DISCCART 406318.111493656 3758856.0474567 363.50 0.00

** receptor CE050 (census block: BLK501604008)

Appendix B

NOx Peak Hour Emissions Unmitigated

DISCCART 406403.525988595 3759010.45523479 390.70 0.00
 ** receptor CE051 (census block: BLK501609006)
 DISCCART 406352 3759038.6 393.70 0.00
 ** receptor CE052 (census block: BLK501609007)
 DISCCART 406045.007458668 3760461.19387418 629.80 0.00
 ** receptor CE053 (census block: BLK501609021)
 DISCCART 407358.288904366 3758534.46922479 485.40 0.00
 ** receptor CE054 (census block: BLK501609022)
 DISCCART 407261.672811583 3758458.84625731 476.20 0.00
 ** receptor CE055 (census block: BLK501701000)
 DISCCART 406506.829211421 3758549.17860801 357.50 0.00
 ** receptor CE056 (census block: BLK501701001)
 DISCCART 406457.905253804 3758377.91144033 344.40 0.00
 ** receptor CE057 (census block: BLK501701002)
 DISCCART 406301.702564465 3758551.205023 341.10 0.00
 ** receptor CE058 (census block: BLK501701003)
 DISCCART 406205.033192867 3758613.50092079 331.30 0.00
 ** receptor CE059 (census block: BLK501701004)
 DISCCART 406115.409823153 3758675.30499346 328.00 0.00
 ** receptor CE060 (census block: BLK501701005)
 DISCCART 406028.60716936 3758737.08197694 328.00 0.00
 ** receptor CE061 (census block: BLK501701006)
 DISCCART 405938.281214678 3758798.89477874 330.90 0.00
 ** receptor CE062 (census block: BLK501701007)
 DISCCART 405736.732356176 3758451.4745756 278.80 0.00
 ** receptor CE063 (census block: BLK501701008)
 DISCCART 405814.426647488 3758395.28490412 281.70 0.00
 ** receptor CE064 (census block: BLK501702000)
 DISCCART 406257.679183628 3758091.80695965 317.50 0.00
 ** receptor CE065 (census block: BLK501702001)
 DISCCART 406166.640545947 3758153.62433368 311.60 0.00
 ** receptor CE066 (census block: BLK501702002)
 DISCCART 405932.301123578 3758196.55870925 288.60 0.00
 ** receptor CE067 (census block: BLK501702003)
 DISCCART 406072.199550461 3758298.81329292 305.00 0.00
 ** receptor CE068 (census block: BLK501702004)
 DISCCART 405823.105818611 3758062.69666328 275.50 0.00
 ** receptor CE069 (census block: BLK501702005)
 DISCCART 405911.268844127 3757995.40511402 282.10 0.00
 ** receptor CE070 (census block: BLK501702006)
 DISCCART 405982.128243211 3757889.36732389 285.40 0.00
 ** receptor CE071 (census block: BLK501702009)
 DISCCART 405799.168562158 3757924.1806304 268.90 0.00
 ** receptor CE072 (census block: BLK501703000)
 DISCCART 405647.799750434 3758653.29948119 291.60 0.00
 ** receptor CE073 (census block: BLK501703001)
 DISCCART 405489.147947858 3758508.51203456 269.00 0.00
 ** receptor CE074 (census block: BLK501703002)
 DISCCART 405436.440211818 3758454.46693022 262.40 0.00
 ** receptor CE075 (census block: BLK501703003)
 DISCCART 405455.721934976 3758337.9409465 257.80 0.00

Appendix B

NOx Peak Hour Emissions Unmitigated

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** receptor CE076 (census block: BLK501703008)
DISCCART 405549.158243318 3758092.92026298 252.60 0.00
** receptor CE077 (census block: BLK501703009)
DISCCART 405661.882628257 3758014.3827463 259.10 0.00
** receptor CE078 (census block: BLK501704000)
DISCCART 405479.717684811 3758764.54001026 290.90 0.00
** receptor CE079 (census block: BLK501704001)
DISCCART 405359.158071486 3758904.49796325 297.30 0.00
** receptor CE080 (census block: BLK501704002)
DISCCART 405170.69339449 3759021.02430729 308.30 0.00
** receptor CE081 (census block: BLK501704003)
DISCCART 405201.970281093 3758906.06962733 295.20 0.00
** receptor CE082 (census block: BLK501704004)
DISCCART 405349.866985966 3758821.25356942 288.60 0.00
** receptor CE083 (census block: BLK501704005)
DISCCART 405215.443840128 3758773.10283891 282.10 0.00
** receptor CE084 (census block: BLK501704008)
DISCCART 405359.746481381 3758681.13144629 275.50 0.00
** receptor CE085 (census block: BLK501704009)
DISCCART 405435.368442973 3758629.6125628 275.50 0.00
** receptor CE086 (census block: BLK501804000)
DISCCART 405236.452045736 3759463.70375868 368.70 0.00
** receptor CE087 (census block: BLK501804001)
DISCCART 405212.37968725 3759382.72247012 352.60 0.00
** receptor CE088 (census block: BLK501804009)
DISCCART 405186.175462272 3759300.07045068 343.50 0.00
** receptor CE089 (census block: BLK501804011)
DISCCART 405257.372829785 3759088.68814387 314.90 0.00
** receptor CE090 (census block: BLK501609001)
DISCCART 408456.668426364 3760361.84764575 0.00 0.00
** receptor CE091 (census block: BLK501609002)
DISCCART 408269.975683699 3760516.36774435 0.00 0.00
** receptor CE092 (census block: BLK501609003)
DISCCART 407367.835528453 3760879.65008316 1026.70 0.00
** receptor CE093 (census block: BLK501609004)
DISCCART 408322.620179824 3760275.57773676 0.00 0.00
** receptor CE094 (census block: BLK501609005)
DISCCART 408794.360235931 3759930.90793989 0.00 0.00
** receptor CE095 (census block: BLK501609008)
DISCCART 406130.797262568 3760014.46792851 584.40 0.00
```

RE FINISHED

ME STARTING

```
INPUTFIL c:\ISC\whittier.asc
ANEMHGHT 10 METERS
SURFDATA 53114 81 LosAngeles
UAIRDATA 91919 81 LosAngeles
STARTEND 81 1 1 81 12 31
```

Appendix B

NOx Peak Hour Emissions Unmitigated

ME FINISHED

OU STARTING

RECTABLE 1 first

** PLOTFILE 1 first c:\ISC\WHI_NO1.PLT

OU FINISHED

*** Message Summary For ISC3 Model Setup ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 4 Warning Message(s)
A Total of 0 Informational Message(s)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****

ME W360 7444 SET_WI:2-Digit Year Specified: Valid for Range 1950-2049 SURFDATA
SO W320 30 PPARAM :Input Parameter May Be Out-of-Range for Parameter QS
SO W320 34 PPARAM :Input Parameter May Be Out-of-Range for Parameter QS
RE W282 7437 CHK_EL:RecLev < SrcBase; See non-DFAULT HE>ZI option in MCB#9

*** SETUP Finishes Successfully ***

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS PEAK HR NOx emissions *** 11:31:22
**MODELOPTs: PAGE 1

CONC URBAN ELEV FLGPOLE NOCALM

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**NO GAS DRY DEPOSITION Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses User-Specified Options:
1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Not Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.

**Model Accepts Receptors on ELEV Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates 1 Short Term Average(s) of: 1-HR

**This Run Includes: 4 Source(s); 1 Source Group(s); and 3690 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.4 MB of RAM.

**Input Runstream File: WHI_NO1.inp
**Output Print File: WHI_NO1.out
**Detailed Error/Message File: c:\ISC\zERROR.ERR

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11

Appendix B

NOx Peak Hour Emissions Unmitigated
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
 CONC URBAN ELEV FLGPOL NOCALM

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
1	0	0.41040E+01	407065.0	3759568.0	150.9	12.20	1050.00	3.70	1.80	NO	
2	0	0.00000E+00	407085.0	3759498.0	150.9	6.10	565.00	2.80	0.25	NO	
3	0	0.00000E+00	407085.0	3759498.0	150.9	6.10	565.00	2.80	0.50	NO	
4	0	0.36900E+00	407130.0	3759340.0	147.8	4.00	783.00	3.60	0.20	NO	

• *** IS CST3 - VERSION 02035 ***
 *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
 CONC URBAN ELEV FLGPOL NOCALM

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

1 1, 2, 3, 4
 • *** IS CST3 - VERSION 02035 ***
 *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
 CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(409779.5, 3759787.5, 0.0, 1.5);	(409779.3, 3759762.5, 0.0, 1.5);
(409779.2, 3759737.5, 0.0, 1.5);	(409779.0, 3759712.5, 0.0, 1.5);
(409778.9, 3759687.5, 0.0, 1.5);	(409778.7, 3759662.5, 0.0, 1.5);
(409778.5, 3759637.5, 0.0, 1.5);	(409778.4, 3759612.5, 0.0, 1.5);
(409778.2, 3759587.5, 0.0, 1.5);	(409778.1, 3759562.5, 0.0, 1.5);
(409777.9, 3759537.5, 0.0, 1.5);	(409777.7, 3759512.5, 0.0, 1.5);
(409777.6, 3759487.5, 0.0, 1.5);	(409777.4, 3759462.5, 0.0, 1.5);
(409777.3, 3759437.5, 0.0, 1.5);	(409777.1, 3759412.5, 0.0, 1.5);
(409776.9, 3759387.5, 0.0, 1.5);	(409776.8, 3759362.5, 0.0, 1.5);
(409776.6, 3759337.5, 0.0, 1.5);	(409776.4, 3759312.5, 0.0, 1.5);
(409776.3, 3759287.5, 0.0, 1.5);	(409776.1, 3759262.5, 0.0, 1.5);
(409775.9, 3759237.5, 0.0, 1.5);	(409775.7, 3759212.5, 0.0, 1.5);
(409775.4, 3759187.5, 0.0, 1.5);	(409775.1, 3759162.5, 0.0, 1.5);
(409774.8, 3759137.5, 0.0, 1.5);	(409774.6, 3759112.5, 0.0, 1.5);
(409774.3, 3759087.5, 0.0, 1.5);	(409774.0, 3759062.5, 0.0, 1.5);
(409773.8, 3759037.5, 0.0, 1.5);	(409765.3, 3759020.3, 0.0, 1.5);
(409740.3, 3759020.5, 0.0, 1.5);	(409715.3, 3759021.0, 0.0, 1.5);
(409690.3, 3759021.3, 0.0, 1.5);	(409665.3, 3759021.5, 0.0, 1.5);
(409640.3, 3759021.8, 0.0, 1.5);	(409615.3, 3759022.3, 0.0, 1.5);
(409590.3, 3759022.5, 0.0, 1.5);	(409565.3, 3759022.8, 0.0, 1.5);
(409540.3, 3759023.3, 0.0, 1.5);	(409515.3, 3759024.3, 0.0, 1.5);
(409490.3, 3759025.3, 0.0, 1.5);	(409465.3, 3759026.5, 0.0, 1.5);
(409440.3, 3759027.0, 0.0, 1.5);	(409415.3, 3759027.8, 0.0, 1.5);
(409390.3, 3759027.8, 0.0, 1.5);	(409365.3, 3759028.5, 0.0, 1.5);
(409340.3, 3759029.0, 0.0, 1.5);	(409315.4, 3759029.5, 0.0, 1.5);
(409290.4, 3759030.0, 0.0, 1.5);	(409265.4, 3759030.5, 0.0, 1.5);
(409240.4, 3759031.0, 0.0, 1.5);	(409215.4, 3759031.5, 0.0, 1.5);
(409190.4, 3759032.0, 0.0, 1.5);	(409165.4, 3759032.5, 0.0, 1.5);
(409140.4, 3759033.0, 0.0, 1.5);	(409115.4, 3759033.5, 0.0, 1.5);
(409090.4, 3759034.0, 0.0, 1.5);	(409065.4, 3759034.5, 0.0, 1.5);

Appendix B

		NOx Peak Hour Emissions Unmitigated			
(409040.4, 3759035.0,	0.0,	1.5);	(409015.4, 3759035.5,	0.0,	1.5);
(408990.4, 3759036.3,	0.0,	1.5);	(408965.4, 3759036.8,	0.0,	1.5);
(408940.4, 3759037.3,	0.0,	1.5);	(408915.4, 3759037.8,	0.0,	1.5);
(408890.5, 3759038.3,	0.0,	1.5);	(408865.5, 3759038.8,	0.0,	1.5);
(408840.5, 3759039.3,	0.0,	1.5);	(408815.5, 3759039.8,	0.0,	1.5);
(408790.5, 3759040.3,	0.0,	1.5);	(408765.5, 3759040.8,	0.0,	1.5);
(408740.5, 3759041.3,	0.0,	1.5);	(408715.5, 3759041.8,	0.0,	1.5);
(408690.5, 3759042.3,	0.0,	1.5);	(408665.5, 3759042.8,	0.0,	1.5);
(408640.5, 3759043.3,	0.0,	1.5);	(408615.5, 3759044.0,	0.0,	1.5);
(408590.5, 3759044.5,	0.0,	1.5);	(408581.9, 3759028.8,	0.0,	1.5);
(408581.6, 3759004.0,	0.0,	1.5);	(408581.3, 3758979.0,	0.0,	1.5);
(408581.0, 3758954.0,	0.0,	1.5);	(408580.7, 3758929.0,	0.0,	1.5);
(408580.3, 3758904.0,	0.0,	1.5);	(408580.0, 3758879.0,	0.0,	1.5);
(408579.7, 3758854.0,	0.0,	1.5);	(408579.4, 3758829.0,	0.0,	1.5);
(408579.1, 3758804.0,	0.0,	1.5);	(408578.8, 3758779.0,	0.0,	1.5);

• *** IS CST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(408578.4, 3758754.0,	0.0,	1.5);	(408578.1, 3758729.0,	0.0,	1.5);
(408567.8, 3758707.5,	0.0,	1.5);	(408550.7, 3758689.5,	0.0,	1.5);
(408533.6, 3758671.3,	0.0,	1.5);	(408513.8, 3758658.5,	0.0,	1.5);
(408488.8, 3758658.8,	0.0,	1.5);	(408463.8, 3758659.3,	0.0,	1.5);
(408438.8, 3758659.8,	0.0,	1.5);	(408413.8, 3758660.3,	0.0,	1.5);
(408388.8, 3758660.5,	0.0,	1.5);	(408363.8, 3758661.0,	0.0,	1.5);
(408338.8, 3758661.5,	0.0,	1.5);	(408313.8, 3758662.0,	0.0,	1.5);
(408288.8, 3758662.5,	0.0,	1.5);	(408263.8, 3758662.8,	0.0,	1.5);
(408238.8, 3758663.3,	0.0,	1.5);	(408213.8, 3758663.8,	0.0,	1.5);
(408188.8, 3758664.3,	0.0,	1.5);	(408163.8, 3758664.5,	0.0,	1.5);
(408138.8, 3758665.0,	0.0,	1.5);	(408113.8, 3758665.5,	0.0,	1.5);
(408088.8, 3758666.0,	0.0,	1.5);	(408063.8, 3758666.3,	0.0,	1.5);
(408038.8, 3758666.8,	0.0,	1.5);	(408013.8, 3758667.3,	0.0,	1.5);
(407988.8, 3758667.8,	0.0,	1.5);	(407963.8, 3758668.3,	0.0,	1.5);
(407938.8, 3758668.5,	0.0,	1.5);	(407913.9, 3758669.0,	0.0,	1.5);
(407888.9, 3758669.5,	0.0,	1.5);	(407863.9, 3758670.0,	0.0,	1.5);
(407838.9, 3758670.3,	0.0,	1.5);	(407813.9, 3758670.8,	0.0,	1.5);
(407788.9, 3758671.3,	0.0,	1.5);	(407763.9, 3758671.8,	0.0,	1.5);
(407738.9, 3758672.3,	0.0,	1.5);	(407713.9, 3758672.5,	0.0,	1.5);
(407688.9, 3758673.0,	0.0,	1.5);	(407663.9, 3758673.5,	0.0,	1.5);
(407638.9, 3758674.0,	0.0,	1.5);	(407613.9, 3758674.3,	0.0,	1.5);
(407588.9, 3758674.8,	0.0,	1.5);	(407563.9, 3758675.3,	0.0,	1.5);
(407538.9, 3758675.8,	0.0,	1.5);	(407513.9, 3758676.3,	148.4,	1.5);
(407488.9, 3758676.8,	153.9,	1.5);	(407464.0, 3758678.0,	155.0,	1.5);
(407439.0, 3758679.3,	154.8,	1.5);	(407414.0, 3758680.8,	152.1,	1.5);
(407389.1, 3758682.0,	149.9,	1.5);	(407364.1, 3758683.3,	147.4,	1.5);
(407339.1, 3758684.8,	144.2,	1.5);	(407314.2, 3758686.0,	141.5,	1.5);
(407289.2, 3758687.3,	139.9,	1.5);	(407264.2, 3758688.8,	137.3,	1.5);
(407239.3, 3758690.0,	135.7,	1.5);	(407214.3, 3758691.3,	133.9,	1.5);
(407189.3, 3758692.8,	128.4,	1.5);	(407164.4, 3758694.0,	122.0,	1.5);
(407139.4, 3758695.3,	116.4,	1.5);	(407114.4, 3758696.5,	115.0,	1.5);

Appendix B

		NOx Peak Hour Emissions Unmitigated			
(407089.5, 3758698.0,	117.0,	1.5);	(407065.7, 3758703.5,	120.1,	1.5);
(407045.1, 3758717.8,	122.0,	1.5);	(407024.6, 3758731.8,	123.0,	1.5);
(407004.0, 3758746.0,	123.8,	1.5);	(406983.5, 3758760.3,	125.2,	1.5);
(406962.9, 3758774.5,	126.6,	1.5);	(406942.4, 3758788.8,	127.1,	1.5);
(406921.8, 3758803.0,	127.6,	1.5);	(406901.3, 3758817.3,	127.1,	1.5);
(406883.9, 3758804.5,	124.4,	1.5);	(406866.5, 3758786.5,	124.2,	1.5);
(406849.1, 3758768.5,	124.7,	1.5);	(406828.8, 3758753.8,	123.2,	1.5);
(406808.6, 3758739.0,	122.3,	1.5);	(406788.4, 3758724.5,	120.0,	1.5);
(406768.1, 3758709.8,	118.3,	1.5);	(406747.9, 3758695.0,	116.8,	1.5);
(406730.0, 3758678.5,	116.0,	1.5);	(406718.0, 3758656.8,	115.8,	1.5);
(406705.9, 3758634.8,	115.0,	1.5);	(406693.9, 3758612.8,	112.8,	1.5);
(406681.8, 3758591.0,	111.2,	1.5);	(406667.5, 3758575.5,	110.0,	1.5);
(406646.6, 3758589.3,	110.0,	1.5);	(406625.6, 3758603.0,	111.0,	1.5);
(406625.5, 3758621.5,	111.4,	1.5);	(406639.1, 3758642.5,	111.5,	1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406652.7, 3758663.5,	112.8,	1.5);	(406666.3, 3758684.5,	113.8,	1.5);
(406679.8, 3758705.5,	115.7,	1.5);	(406693.4, 3758726.5,	116.5,	1.5);
(406707.0, 3758747.5,	117.0,	1.5);	(406720.8, 3758768.0,	117.0,	1.5);
(406700.3, 3758782.0,	118.9,	1.5);	(406681.7, 3758797.3,	119.9,	1.5);
(406695.6, 3758818.0,	120.0,	1.5);	(406709.5, 3758839.0,	121.1,	1.5);
(406723.4, 3758859.8,	121.7,	1.5);	(406737.3, 3758880.5,	122.2,	1.5);
(406756.8, 3758895.5,	122.7,	1.5);	(406778.3, 3758908.5,	124.1,	1.5);
(406799.7, 3758921.3,	126.3,	1.5);	(406821.2, 3758934.3,	126.9,	1.5);
(406831.0, 3758956.3,	127.7,	1.5);	(406839.8, 3758979.8,	128.2,	1.5);
(406848.5, 3759003.3,	131.2,	1.5);	(406844.1, 3759021.8,	134.1,	1.5);
(406823.4, 3759035.8,	139.6,	1.5);	(406802.6, 3759049.8,	140.4,	1.5);
(406781.9, 3759063.8,	140.6,	1.5);	(406761.2, 3759077.8,	141.0,	1.5);
(406740.4, 3759091.5,	135.8,	1.5);	(406747.5, 3759112.5,	136.4,	1.5);
(406760.2, 3759134.0,	137.4,	1.5);	(406747.8, 3759150.0,	134.5,	1.5);
(406732.2, 3759166.5,	133.0,	1.5);	(406714.7, 3759177.0,	134.0,	1.5);
(406693.6, 3759190.5,	135.7,	1.5);	(406672.5, 3759204.0,	136.6,	1.5);
(406651.4, 3759217.3,	137.9,	1.5);	(406630.3, 3759230.8,	138.3,	1.5);
(406609.3, 3759244.3,	138.6,	1.5);	(406588.2, 3759257.8,	138.8,	1.5);
(406567.1, 3759271.0,	138.2,	1.5);	(406546.0, 3759284.5,	138.7,	1.5);
(406524.9, 3759298.0,	139.0,	1.5);	(406503.8, 3759311.5,	138.6,	1.5);
(406482.8, 3759324.8,	138.8,	1.5);	(406461.7, 3759338.3,	139.2,	1.5);
(406440.6, 3759351.8,	139.4,	1.5);	(406419.5, 3759365.3,	140.0,	1.5);
(406398.4, 3759378.5,	142.1,	1.5);	(406377.0, 3759392.3,	145.2,	1.5);
(406375.7, 3759417.3,	145.8,	1.5);	(406374.3, 3759442.3,	147.8,	1.5);
(406372.9, 3759467.3,	148.7,	1.5);	(406351.5, 3759469.5,	153.7,	1.5);
(406326.5, 3759468.8,	156.4,	1.5);	(406301.6, 3759468.0,	157.9,	1.5);
(406276.6, 3759467.3,	156.6,	1.5);	(406251.6, 3759466.5,	155.1,	1.5);
(406226.6, 3759465.8,	154.5,	1.5);	(406201.6, 3759465.0,	152.2,	1.5);
(406176.6, 3759464.3,	144.0,	1.5);	(406171.3, 3759484.5,	138.1,	1.5);
(406171.6, 3759509.5,	134.5,	1.5);	(406171.9, 3759534.5,	135.8,	1.5);
(406172.2, 3759559.5,	139.3,	1.5);	(406172.5, 3759584.5,	144.2,	1.5);
(406172.8, 3759609.5,	148.9,	1.5);	(406173.0, 3759634.5,	153.2,	1.5);

Appendix B

		NOx Peak Hour Emissions Unmitigated			
(406173.3, 3759659.5,	155.1,	1.5);	(406173.6, 3759684.5,	161.7,	1.5);
(406173.8, 3759709.5,	161.8,	1.5);	(406174.1, 3759734.5,	159.6,	1.5);
(406174.4, 3759759.5,	165.0,	1.5);	(406174.7, 3759784.5,	164.0,	1.5);
(406175.0, 3759809.5,	160.6,	1.5);	(406175.2, 3759834.5,	161.2,	1.5);
(406175.5, 3759859.5,	158.1,	1.5);	(406152.3, 3759859.5,	152.3,	1.5);
(406127.3, 3759859.0,	150.0,	1.5);	(406102.3, 3759858.3,	151.7,	1.5);
(406077.4, 3759857.5,	167.1,	1.5);	(406052.4, 3759856.8,	183.9,	1.5);
(406041.3, 3759871.0,	182.3,	1.5);	(406041.6, 3759896.0,	181.5,	1.5);
(406041.8, 3759921.0,	180.7,	1.5);	(406042.1, 3759946.0,	198.9,	1.5);
(406042.4, 3759971.0,	210.3,	1.5);	(406067.3, 3759972.5,	206.4,	1.5);
(406092.3, 3759973.5,	197.1,	1.5);	(406117.3, 3759974.3,	181.6,	1.5);
(406142.3, 3759975.0,	167.6,	1.5);	(406167.3, 3759975.8,	152.9,	1.5);
(406187.2, 3759980.8,	154.5,	1.5);	(406187.4, 3760005.8,	155.0,	1.5);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
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URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406187.7, 3760030.8,	156.3,	1.5);	(406188.0, 3760055.8,	159.2,	1.5);
(406188.3, 3760080.8,	168.7,	1.5);	(406188.5, 3760105.8,	184.7,	1.5);
(406188.8, 3760130.8,	184.8,	1.5);	(406189.1, 3760155.8,	177.6,	1.5);
(406189.3, 3760180.8,	189.5,	1.5);	(406189.6, 3760205.8,	203.7,	1.5);
(406189.9, 3760230.8,	214.5,	1.5);	(406190.1, 3760255.5,	217.2,	1.5);
(406198.2, 3760273.8,	216.3,	1.5);	(406223.2, 3760274.5,	222.0,	1.5);
(406248.2, 3760275.3,	221.6,	1.5);	(406270.6, 3760282.0,	219.7,	1.5);
(406289.8, 3760298.3,	219.2,	1.5);	(406308.9, 3760314.3,	229.1,	1.5);
(406328.1, 3760330.3,	234.6,	1.5);	(406347.3, 3760346.3,	239.6,	1.5);
(406366.4, 3760362.3,	239.2,	1.5);	(406385.6, 3760378.5,	231.6,	1.5);
(406404.8, 3760394.5,	232.6,	1.5);	(406423.9, 3760410.5,	231.4,	1.5);
(406438.6, 3760430.5,	241.2,	1.5);	(406453.1, 3760451.0,	251.2,	1.5);
(406464.5, 3760468.5,	257.6,	1.5);	(406439.7, 3760465.8,	258.3,	1.5);
(406414.8, 3760462.8,	259.4,	1.5);	(406390.3, 3760458.3,	259.9,	1.5);
(406366.0, 3760452.8,	258.2,	1.5);	(406354.5, 3760461.8,	257.9,	1.5);
(406362.3, 3760484.3,	243.0,	1.5);	(406383.8, 3760497.0,	241.5,	1.5);
(406405.2, 3760509.8,	241.7,	1.5);	(406422.6, 3760527.5,	238.0,	1.5);
(406440.1, 3760545.5,	239.7,	1.5);	(406459.6, 3760554.3,	253.9,	1.5);
(406482.2, 3760543.5,	262.8,	1.5);	(406504.8, 3760532.8,	271.7,	1.5);
(406527.3, 3760522.0,	276.6,	1.5);	(406549.9, 3760511.3,	280.4,	1.5);
(406572.5, 3760500.5,	285.3,	1.5);	(406596.6, 3760494.8,	289.0,	1.5);
(406621.1, 3760489.8,	289.3,	1.5);	(406645.0, 3760486.8,	298.0,	1.5);
(406667.1, 3760498.5,	299.9,	1.5);	(406684.1, 3760513.0,	295.6,	1.5);
(406685.7, 3760538.0,	290.1,	1.5);	(406687.4, 3760563.0,	286.9,	1.5);
(406689.1, 3760587.8,	282.9,	1.5);	(406690.7, 3760612.8,	276.2,	1.5);
(406692.4, 3760637.8,	274.7,	1.5);	(406694.1, 3760662.8,	278.7,	1.5);
(406695.7, 3760687.8,	282.5,	1.5);	(406694.0, 3760710.8,	283.4,	1.5);
(406675.7, 3760727.8,	282.9,	1.5);	(406657.3, 3760744.8,	283.2,	1.5);
(406638.9, 3760761.8,	279.8,	1.5);	(406620.6, 3760778.8,	277.1,	1.5);
(406600.1, 3760790.5,	277.5,	1.5);	(406575.3, 3760793.8,	278.5,	1.5);
(406550.5, 3760796.8,	277.8,	1.5);	(406525.7, 3760800.0,	277.4,	1.5);
(406500.9, 3760803.3,	276.6,	1.5);	(406478.0, 3760812.0,	274.0,	1.5);
(406457.2, 3760826.0,	272.4,	1.5);	(406436.4, 3760839.8,	271.5,	1.5);

Appendix B

		NOx Peak Hour Emissions Unmitigated			
(406415.5, 3760853.5,	268.9,	1.5);	(406392.3, 3760856.3,	265.3,	1.5);
(406367.4, 3760853.8,	265.3,	1.5);	(406342.5, 3760851.3,	264.1,	1.5);
(406317.7, 3760848.8,	263.7,	1.5);	(406292.8, 3760846.0,	263.4,	1.5);
(406267.9, 3760843.5,	265.9,	1.5);	(406244.1, 3760836.5,	269.2,	1.5);
(406220.3, 3760828.8,	269.6,	1.5);	(406196.6, 3760821.0,	268.7,	1.5);
(406172.8, 3760813.3,	265.3,	1.5);	(406149.1, 3760805.3,	264.3,	1.5);
(406125.3, 3760797.5,	263.1,	1.5);	(406105.6, 3760782.5,	263.0,	1.5);
(406085.9, 3760767.3,	256.3,	1.5);	(406083.4, 3760744.0,	256.3,	1.5);
(406083.9, 3760719.0,	255.4,	1.5);	(406084.4, 3760694.0,	251.2,	1.5);
(406073.8, 3760679.5,	248.3,	1.5);	(406048.8, 3760680.3,	246.6,	1.5);
(406023.8, 3760681.0,	232.8,	1.5);	(405998.8, 3760681.8,	214.4,	1.5);
(405973.8, 3760682.5,	199.1,	1.5);	(405948.8, 3760683.3,	197.3,	1.5);

• *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
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URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(405923.9, 3760684.0,	196.6,	1.5);	(405898.9, 3760684.8,	184.5,	1.5);
(405873.9, 3760685.5,	171.3,	1.5);	(405848.9, 3760686.3,	163.7,	1.5);
(405823.9, 3760687.0,	160.4,	1.5);	(405798.9, 3760687.8,	159.0,	1.5);
(405774.5, 3760683.8,	159.9,	1.5);	(405749.6, 3760682.3,	165.4,	1.5);
(405724.6, 3760682.5,	167.4,	1.5);	(405699.6, 3760682.8,	163.0,	1.5);
(405674.6, 3760683.0,	166.0,	1.5);	(405649.6, 3760683.3,	169.5,	1.5);
(405632.1, 3760691.5,	173.8,	1.5);	(405632.8, 3760716.5,	179.1,	1.5);
(405633.5, 3760741.5,	182.7,	1.5);	(405634.2, 3760766.5,	183.9,	1.5);
(405634.9, 3760791.5,	183.9,	1.5);	(405635.6, 3760816.5,	184.3,	1.5);
(405636.3, 3760841.5,	187.3,	1.5);	(405637.1, 3760866.5,	192.6,	1.5);
(405637.8, 3760891.5,	199.6,	1.5);	(405638.5, 3760916.5,	200.7,	1.5);
(405639.2, 3760941.5,	199.9,	1.5);	(405639.9, 3760966.5,	200.9,	1.5);
(405644.1, 3760990.8,	204.4,	1.5);	(405653.3, 3761014.0,	207.7,	1.5);
(405653.8, 3761039.0,	212.0,	1.5);	(405654.2, 3761064.0,	215.5,	1.5);
(405654.5, 3761089.0,	219.1,	1.5);	(405672.8, 3761096.3,	219.9,	1.5);
(405697.8, 3761095.5,	220.6,	1.5);	(405722.8, 3761095.0,	219.9,	1.5);
(405747.8, 3761094.5,	219.5,	1.5);	(405772.8, 3761093.8,	220.2,	1.5);
(405797.8, 3761093.3,	221.3,	1.5);	(405822.8, 3761092.5,	216.9,	1.5);
(405847.8, 3761092.0,	201.0,	1.5);	(405872.8, 3761091.5,	206.4,	1.5);
(405897.7, 3761090.8,	213.4,	1.5);	(405922.7, 3761090.3,	217.4,	1.5);
(405947.7, 3761089.5,	220.6,	1.5);	(405972.7, 3761089.0,	218.1,	1.5);
(405997.7, 3761088.5,	212.4,	1.5);	(406022.7, 3761087.8,	208.1,	1.5);
(406047.7, 3761087.3,	226.8,	1.5);	(406072.7, 3761086.5,	247.3,	1.5);
(406097.7, 3761086.0,	247.3,	1.5);	(406122.7, 3761085.5,	233.6,	1.5);
(406147.7, 3761084.8,	218.9,	1.5);	(406172.7, 3761084.3,	224.4,	1.5);
(406197.7, 3761083.5,	227.7,	1.5);	(406222.7, 3761083.0,	224.3,	1.5);
(406247.6, 3761082.5,	211.2,	1.5);	(406272.6, 3761081.8,	211.8,	1.5);
(406297.6, 3761081.3,	218.6,	1.5);	(406322.6, 3761080.5,	228.8,	1.5);
(406347.6, 3761080.0,	214.1,	1.5);	(406372.6, 3761079.5,	215.2,	1.5);
(406397.6, 3761078.8,	218.8,	1.5);	(406422.6, 3761078.3,	226.5,	1.5);
(406447.6, 3761077.5,	226.8,	1.5);	(406472.6, 3761077.0,	210.1,	1.5);
(406497.6, 3761076.5,	208.1,	1.5);	(406522.6, 3761075.8,	223.4,	1.5);
(406547.5, 3761075.3,	233.6,	1.5);	(406572.5, 3761074.5,	236.0,	1.5);
(406597.5, 3761074.0,	233.0,	1.5);	(406622.5, 3761073.5,	240.2,	1.5);

Appendix B

		NOx Peak Hour Emissions Unmitigated			
(406647.5, 3761072.8,	237.3,	1.5);	(406672.5, 3761072.3,	230.2,	1.5);
(406697.5, 3761071.5,	242.9,	1.5);	(406722.5, 3761071.0,	247.4,	1.5);
(406747.5, 3761070.5,	234.2,	1.5);	(406772.5, 3761069.8,	225.7,	1.5);
(406797.5, 3761069.3,	239.7,	1.5);	(406822.5, 3761068.5,	254.2,	1.5);
(406847.5, 3761068.0,	260.0,	1.5);	(406872.5, 3761067.5,	261.5,	1.5);
(406897.4, 3761066.8,	257.9,	1.5);	(406922.4, 3761066.3,	251.6,	1.5);
(406947.4, 3761065.5,	241.6,	1.5);	(406972.4, 3761065.0,	235.9,	1.5);
(406997.4, 3761064.5,	238.3,	1.5);	(407021.1, 3761061.8,	252.1,	1.5);
(407020.3, 3761036.8,	240.4,	1.5);	(407019.5, 3761011.8,	256.2,	1.5);
(407018.7, 3760986.8,	272.6,	1.5);	(407017.8, 3760961.8,	288.8,	1.5);
(407017.0, 3760936.8,	301.6,	1.5);	(407016.2, 3760911.8,	315.1,	1.5);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
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URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(407015.4, 3760886.8,	319.3,	1.5);	(407014.6, 3760861.8,	314.4,	1.5);
(407013.8, 3760836.8,	308.8,	1.5);	(407012.9, 3760811.8,	306.0,	1.5);
(407012.1, 3760787.0,	302.2,	1.5);	(407011.3, 3760762.0,	294.3,	1.5);
(407010.5, 3760737.0,	283.3,	1.5);	(407009.7, 3760712.0,	271.6,	1.5);
(407008.8, 3760687.0,	257.2,	1.5);	(407008.0, 3760662.0,	246.0,	1.5);
(407031.9, 3760661.5,	234.8,	1.5);	(407056.9, 3760661.3,	216.4,	1.5);
(407081.9, 3760661.3,	219.8,	1.5);	(407106.9, 3760661.0,	245.4,	1.5);
(407131.9, 3760660.8,	260.5,	1.5);	(407156.9, 3760660.5,	267.9,	1.5);
(407181.9, 3760660.3,	282.2,	1.5);	(407206.9, 3760660.0,	296.7,	1.5);
(407231.9, 3760660.0,	308.2,	1.5);	(407256.9, 3760659.8,	311.9,	1.5);
(407281.9, 3760659.5,	304.9,	1.5);	(407306.9, 3760659.3,	293.3,	1.5);
(407331.9, 3760659.0,	285.1,	1.5);	(407356.9, 3760659.0,	292.3,	1.5);
(407381.9, 3760658.8,	292.6,	1.5);	(407406.9, 3760658.5,	291.2,	1.5);
(407431.9, 3760658.3,	297.4,	1.5);	(407456.9, 3760658.0,	301.5,	1.5);
(407481.9, 3760657.8,	303.3,	1.5);	(407506.9, 3760657.8,	294.0,	1.5);
(407531.9, 3760657.5,	287.6,	1.5);	(407556.9, 3760657.3,	0.0,	1.5);
(407581.9, 3760657.0,	0.0,	1.5);	(407606.9, 3760656.8,	0.0,	1.5);
(407631.9, 3760656.8,	0.0,	1.5);	(407656.9, 3760656.5,	0.0,	1.5);
(407681.9, 3760656.3,	0.0,	1.5);	(407706.9, 3760656.0,	0.0,	1.5);
(407731.9, 3760655.8,	0.0,	1.5);	(407756.9, 3760655.5,	0.0,	1.5);
(407781.9, 3760655.5,	0.0,	1.5);	(407806.9, 3760655.3,	0.0,	1.5);
(407831.9, 3760655.0,	0.0,	1.5);	(407856.9, 3760654.8,	0.0,	1.5);
(407881.9, 3760654.5,	0.0,	1.5);	(407906.9, 3760654.3,	0.0,	1.5);
(407931.9, 3760654.3,	0.0,	1.5);	(407956.9, 3760654.0,	0.0,	1.5);
(407981.9, 3760653.8,	0.0,	1.5);	(408006.9, 3760653.5,	0.0,	1.5);
(408031.9, 3760653.3,	0.0,	1.5);	(408056.9, 3760653.3,	0.0,	1.5);
(408081.9, 3760653.0,	0.0,	1.5);	(408106.9, 3760652.8,	0.0,	1.5);
(408131.9, 3760652.5,	0.0,	1.5);	(408156.9, 3760652.3,	0.0,	1.5);
(408181.9, 3760652.0,	0.0,	1.5);	(408206.9, 3760652.0,	0.0,	1.5);
(408225.8, 3760645.0,	0.0,	1.5);	(408224.9, 3760620.0,	0.0,	1.5);
(408224.2, 3760595.0,	0.0,	1.5);	(408223.3, 3760570.0,	0.0,	1.5);
(408222.6, 3760545.0,	0.0,	1.5);	(408221.8, 3760520.0,	0.0,	1.5);
(408220.9, 3760495.0,	0.0,	1.5);	(408220.2, 3760470.0,	0.0,	1.5);
(408219.3, 3760445.0,	0.0,	1.5);	(408218.6, 3760420.0,	0.0,	1.5);
(408217.8, 3760395.0,	0.0,	1.5);	(408216.9, 3760370.0,	0.0,	1.5);

Appendix B

		NOx Peak Hour Emissions Unmitigated			
(408216.2, 3760345.0,	0.0,	1.5);	(408215.3, 3760320.0,	0.0,	1.5);
(408214.6, 3760295.0,	0.0,	1.5);	(408213.8, 3760270.0,	0.0,	1.5);
(408213.0, 3760245.3,	0.0,	1.5);	(408212.2, 3760220.3,	0.0,	1.5);
(408211.4, 3760195.3,	0.0,	1.5);	(408210.6, 3760170.3,	0.0,	1.5);
(408209.8, 3760145.3,	0.0,	1.5);	(408209.0, 3760120.3,	0.0,	1.5);
(408208.2, 3760095.3,	0.0,	1.5);	(408207.4, 3760070.3,	0.0,	1.5);
(408206.6, 3760045.3,	0.0,	1.5);	(408205.8, 3760020.3,	0.0,	1.5);
(408205.0, 3759995.3,	0.0,	1.5);	(408204.2, 3759970.3,	0.0,	1.5);
(408203.4, 3759945.3,	0.0,	1.5);	(408202.6, 3759920.3,	0.0,	1.5);
(408201.8, 3759895.3,	0.0,	1.5);	(408201.0, 3759870.3,	0.0,	1.5);

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*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK HR NOx emissions

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CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(408201.6, 3759847.5,	0.0,	1.5);	(408226.6, 3759847.3,	0.0,	1.5);
(408251.6, 3759846.8,	0.0,	1.5);	(408276.6, 3759846.3,	0.0,	1.5);
(408301.6, 3759846.0,	0.0,	1.5);	(408326.6, 3759845.5,	0.0,	1.5);
(408351.6, 3759845.3,	0.0,	1.5);	(408376.6, 3759844.8,	0.0,	1.5);
(408401.6, 3759844.5,	0.0,	1.5);	(408426.6, 3759844.0,	0.0,	1.5);
(408451.5, 3759843.8,	0.0,	1.5);	(408476.5, 3759843.3,	0.0,	1.5);
(408501.5, 3759842.8,	0.0,	1.5);	(408526.5, 3759842.5,	0.0,	1.5);
(408551.5, 3759842.0,	0.0,	1.5);	(408576.5, 3759841.8,	0.0,	1.5);
(408601.5, 3759841.3,	0.0,	1.5);	(408626.5, 3759841.0,	0.0,	1.5);
(408651.5, 3759840.5,	0.0,	1.5);	(408676.5, 3759840.3,	0.0,	1.5);
(408701.5, 3759839.8,	0.0,	1.5);	(408726.5, 3759839.5,	0.0,	1.5);
(408751.5, 3759839.0,	0.0,	1.5);	(408776.5, 3759838.5,	0.0,	1.5);
(408801.5, 3759838.3,	0.0,	1.5);	(408826.5, 3759837.8,	0.0,	1.5);
(408851.5, 3759837.5,	0.0,	1.5);	(408876.5, 3759837.0,	0.0,	1.5);
(408901.5, 3759836.8,	0.0,	1.5);	(408926.5, 3759836.3,	0.0,	1.5);
(408951.5, 3759836.0,	0.0,	1.5);	(408976.5, 3759835.5,	0.0,	1.5);
(409001.5, 3759835.0,	0.0,	1.5);	(409026.5, 3759834.8,	0.0,	1.5);
(409051.5, 3759834.3,	0.0,	1.5);	(409076.5, 3759834.0,	0.0,	1.5);
(409101.5, 3759833.5,	0.0,	1.5);	(409126.5, 3759833.3,	0.0,	1.5);
(409151.5, 3759833.0,	0.0,	1.5);	(409176.5, 3759832.5,	0.0,	1.5);
(409201.5, 3759832.3,	0.0,	1.5);	(409226.5, 3759832.0,	0.0,	1.5);
(409251.5, 3759831.5,	0.0,	1.5);	(409276.4, 3759831.3,	0.0,	1.5);
(409301.4, 3759831.0,	0.0,	1.5);	(409326.4, 3759830.5,	0.0,	1.5);
(409351.4, 3759830.3,	0.0,	1.5);	(409376.4, 3759830.0,	0.0,	1.5);
(409401.4, 3759829.5,	0.0,	1.5);	(409426.4, 3759829.3,	0.0,	1.5);
(409451.4, 3759829.0,	0.0,	1.5);	(409476.4, 3759828.5,	0.0,	1.5);
(409501.4, 3759828.3,	0.0,	1.5);	(409526.4, 3759828.0,	0.0,	1.5);
(409551.4, 3759827.5,	0.0,	1.5);	(409576.4, 3759827.3,	0.0,	1.5);
(409601.4, 3759827.0,	0.0,	1.5);	(409626.4, 3759826.5,	0.0,	1.5);
(409651.4, 3759826.3,	0.0,	1.5);	(409676.4, 3759826.0,	0.0,	1.5);
(409700.9, 3759821.5,	0.0,	1.5);	(409724.6, 3759813.5,	0.0,	1.5);
(409748.3, 3759805.8,	0.0,	1.5);	(409772.0, 3759797.8,	0.0,	1.5);
(407390.9, 3759093.5,	138.5,	1.5);	(407365.1, 3759080.3,	138.6,	1.5);
(407339.8, 3759067.5,	139.9,	1.5);	(407316.6, 3759058.8,	141.3,	1.5);
(407283.2, 3759053.0,	144.3,	1.5);	(407252.9, 3759048.8,	145.0,	1.5);
(407225.7, 3759048.5,	145.0,	1.5);	(407197.0, 3759050.0,	143.7,	1.5);

Appendix B

		NOx Peak Hour Emissions Unmitigated			
(407179.0, 3759048.0,	141.9,	1.5);	(407162.8, 3759027.3,	140.9,	1.5);
(407144.1, 3759004.0,	138.4,	1.5);	(407126.5, 3758984.8,	135.1,	1.5);
(407105.8, 3758967.5,	133.6,	1.5);	(407088.2, 3758951.8,	133.5,	1.5);
(407069.5, 3758935.3,	133.2,	1.5);	(407049.3, 3758918.5,	132.9,	1.5);
(407036.3, 3758905.0,	131.9,	1.5);	(407039.7, 3758879.3,	133.0,	1.5);
(407046.7, 3758854.3,	130.9,	1.5);	(407052.5, 3758829.0,	130.0,	1.5);
(407055.9, 3758804.5,	128.7,	1.5);	(407059.2, 3758781.5,	127.0,	1.5);
(407066.3, 3758771.8,	126.4,	1.5);	(407073.9, 3758765.0,	125.1,	1.5);
(407083.1, 3758759.5,	124.1,	1.5);	(407094.4, 3758756.8,	124.0,	1.5);

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*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(407109.3, 3758764.3,	124.6,	1.5);	(407134.6, 3758776.8,	124.4,	1.5);
(407157.8, 3758790.8,	125.3,	1.5);	(407181.6, 3758803.3,	126.5,	1.5);
(407205.4, 3758815.8,	127.4,	1.5);	(407230.7, 3758833.5,	129.5,	1.5);
(407254.0, 3758858.3,	130.5,	1.5);	(407272.7, 3758877.5,	130.6,	1.5);
(405962.5, 3758512.5,	92.0,	1.5);	(405962.5, 3758487.5,	91.0,	1.5);
(405962.5, 3758462.5,	91.0,	1.5);	(405962.5, 3758437.5,	91.0,	1.5);
(405962.5, 3758412.5,	90.3,	1.5);	(405962.5, 3758387.5,	90.3,	1.5);
(405962.5, 3758362.5,	90.0,	1.5);	(405962.5, 3758337.5,	90.0,	1.5);
(405962.5, 3758312.5,	90.0,	1.5);	(405962.5, 3758287.5,	90.0,	1.5);
(405962.5, 3758262.5,	90.0,	1.5);	(405962.5, 3758237.5,	89.2,	1.5);
(405962.5, 3758212.5,	89.1,	1.5);	(405962.5, 3758187.5,	89.0,	1.5);
(405962.5, 3758162.5,	89.0,	1.5);	(405962.5, 3758137.5,	88.3,	1.5);
(405987.5, 3758512.5,	92.8,	1.5);	(405987.5, 3758487.5,	92.0,	1.5);
(405987.5, 3758462.5,	91.3,	1.5);	(405987.5, 3758437.5,	91.0,	1.5);
(405987.5, 3758412.5,	91.0,	1.5);	(405987.5, 3758387.5,	91.0,	1.5);
(405987.5, 3758362.5,	91.0,	1.5);	(405987.5, 3758337.5,	91.0,	1.5);
(405987.5, 3758312.5,	91.0,	1.5);	(405987.5, 3758287.5,	91.0,	1.5);
(405987.5, 3758262.5,	90.8,	1.5);	(405987.5, 3758237.5,	90.0,	1.5);
(405987.5, 3758212.5,	90.0,	1.5);	(405987.5, 3758187.5,	89.8,	1.5);
(405987.5, 3758162.5,	89.3,	1.5);	(405987.5, 3758137.5,	89.0,	1.5);
(406012.5, 3758512.5,	93.1,	1.5);	(406012.5, 3758487.5,	93.0,	1.5);
(406012.5, 3758462.5,	92.1,	1.5);	(406012.5, 3758437.5,	92.0,	1.5);
(406012.5, 3758412.5,	92.0,	1.5);	(406012.5, 3758387.5,	91.3,	1.5);
(406012.5, 3758362.5,	91.3,	1.5);	(406012.5, 3758337.5,	91.3,	1.5);
(406012.5, 3758312.5,	91.6,	1.5);	(406012.5, 3758287.5,	91.3,	1.5);
(406012.5, 3758262.5,	91.0,	1.5);	(406012.5, 3758237.5,	91.0,	1.5);
(406012.5, 3758212.5,	91.0,	1.5);	(406012.5, 3758187.5,	90.3,	1.5);
(406012.5, 3758162.5,	90.0,	1.5);	(406012.5, 3758137.5,	90.0,	1.5);
(406037.5, 3758512.5,	94.0,	1.5);	(406037.5, 3758487.5,	93.7,	1.5);
(406037.5, 3758462.5,	93.0,	1.5);	(406037.5, 3758437.5,	93.0,	1.5);
(406037.5, 3758412.5,	92.8,	1.5);	(406037.5, 3758387.5,	92.0,	1.5);
(406037.5, 3758362.5,	92.0,	1.5);	(406037.5, 3758337.5,	92.0,	1.5);
(406037.5, 3758312.5,	92.0,	1.5);	(406037.5, 3758287.5,	92.0,	1.5);
(406037.5, 3758262.5,	92.0,	1.5);	(406037.5, 3758237.5,	91.7,	1.5);
(406037.5, 3758212.5,	91.0,	1.5);	(406037.5, 3758187.5,	91.0,	1.5);
(406037.5, 3758162.5,	91.0,	1.5);	(406037.5, 3758137.5,	91.0,	1.5);
(406062.5, 3758512.5,	95.0,	1.5);	(406062.5, 3758487.5,	94.2,	1.5);

Appendix B

		NOx Peak Hour Emissions Unmitigated			
(406062.5, 3758462.5,	94.0,	1.5);	(406062.5, 3758437.5,	93.3,	1.5);
(406062.5, 3758412.5,	93.1,	1.5);	(406062.5, 3758387.5,	93.0,	1.5);
(406062.5, 3758362.5,	93.0,	1.5);	(406062.5, 3758337.5,	93.0,	1.5);
(406062.5, 3758312.5,	93.0,	1.5);	(406062.5, 3758287.5,	93.0,	1.5);
(406062.5, 3758262.5,	92.6,	1.5);	(406062.5, 3758237.5,	92.3,	1.5);
(406062.5, 3758212.5,	92.0,	1.5);	(406062.5, 3758187.5,	91.3,	1.5);
(406062.5, 3758162.5,	91.1,	1.5);	(406062.5, 3758137.5,	91.3,	1.5);
(406087.5, 3758512.5,	95.0,	1.5);	(406087.5, 3758487.5,	95.0,	1.5);

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 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
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URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406087.5, 3758462.5,	94.9,	1.5);	(406087.5, 3758437.5,	94.0,	1.5);
(406087.5, 3758412.5,	94.0,	1.5);	(406087.5, 3758387.5,	94.0,	1.5);
(406087.5, 3758362.5,	94.0,	1.5);	(406087.5, 3758337.5,	93.8,	1.5);
(406087.5, 3758312.5,	93.8,	1.5);	(406087.5, 3758287.5,	93.7,	1.5);
(406087.5, 3758262.5,	93.0,	1.5);	(406087.5, 3758237.5,	93.0,	1.5);
(406087.5, 3758212.5,	92.8,	1.5);	(406087.5, 3758187.5,	92.0,	1.5);
(406087.5, 3758162.5,	92.0,	1.5);	(406087.5, 3758137.5,	92.0,	1.5);
(406112.5, 3758512.5,	96.0,	1.5);	(406112.5, 3758487.5,	96.0,	1.5);
(406112.5, 3758462.5,	95.1,	1.5);	(406112.5, 3758437.5,	95.0,	1.5);
(406112.5, 3758412.5,	95.0,	1.5);	(406112.5, 3758387.5,	94.2,	1.5);
(406112.5, 3758362.5,	94.2,	1.5);	(406112.5, 3758337.5,	94.2,	1.5);
(406112.5, 3758312.5,	94.0,	1.5);	(406112.5, 3758287.5,	94.0,	1.5);
(406112.5, 3758262.5,	94.0,	1.5);	(406112.5, 3758237.5,	94.0,	1.5);
(406112.5, 3758212.5,	93.3,	1.5);	(406112.5, 3758187.5,	93.3,	1.5);
(406112.5, 3758162.5,	93.0,	1.5);	(406112.5, 3758137.5,	93.0,	1.5);
(406137.5, 3758512.5,	97.0,	1.5);	(406137.5, 3758487.5,	96.0,	1.5);
(406137.5, 3758462.5,	96.0,	1.5);	(406137.5, 3758437.5,	95.7,	1.5);
(406137.5, 3758412.5,	95.0,	1.5);	(406137.5, 3758387.5,	95.0,	1.5);
(406137.5, 3758362.5,	95.0,	1.5);	(406137.5, 3758337.5,	95.0,	1.5);
(406137.5, 3758312.5,	95.0,	1.5);	(406137.5, 3758287.5,	95.0,	1.5);
(406137.5, 3758262.5,	94.8,	1.5);	(406137.5, 3758237.5,	94.8,	1.5);
(406137.5, 3758212.5,	94.3,	1.5);	(406137.5, 3758187.5,	94.0,	1.5);
(406137.5, 3758162.5,	94.0,	1.5);	(406137.5, 3758137.5,	94.0,	1.5);
(406162.5, 3758512.5,	97.6,	1.5);	(406162.5, 3758487.5,	97.0,	1.5);
(406162.5, 3758462.5,	96.6,	1.5);	(406162.5, 3758437.5,	96.0,	1.5);
(406162.5, 3758412.5,	96.0,	1.5);	(406162.5, 3758387.5,	96.0,	1.5);
(406162.5, 3758362.5,	95.3,	1.5);	(406162.5, 3758337.5,	95.3,	1.5);
(406162.5, 3758312.5,	95.1,	1.5);	(406162.5, 3758287.5,	95.0,	1.5);
(406162.5, 3758262.5,	95.0,	1.5);	(406162.5, 3758237.5,	95.0,	1.5);
(406162.5, 3758212.5,	95.0,	1.5);	(406162.5, 3758187.5,	95.0,	1.5);
(406162.5, 3758162.5,	95.0,	1.5);	(406162.5, 3758137.5,	95.0,	1.5);
(406187.5, 3758512.5,	98.0,	1.5);	(406187.5, 3758487.5,	97.7,	1.5);
(406187.5, 3758462.5,	97.0,	1.5);	(406187.5, 3758437.5,	97.0,	1.5);
(406187.5, 3758412.5,	96.9,	1.5);	(406187.5, 3758387.5,	96.7,	1.5);
(406187.5, 3758362.5,	96.0,	1.5);	(406187.5, 3758337.5,	96.0,	1.5);
(406187.5, 3758312.5,	96.0,	1.5);	(406187.5, 3758287.5,	96.0,	1.5);
(406187.5, 3758262.5,	96.0,	1.5);	(406187.5, 3758237.5,	96.0,	1.5);
(406187.5, 3758212.5,	96.0,	1.5);	(406187.5, 3758187.5,	96.0,	1.5);

Appendix B

(406187.5, 3758162.5,	95.8,	1.5);	NOx Peak Hour Emissions Unmitigated (406187.5, 3758137.5,	95.0,	1.5);
(406212.5, 3758512.5,	99.0,	1.5);	(406212.5, 3758487.5,	98.3,	1.5);
(406212.5, 3758462.5,	98.0,	1.5);	(406212.5, 3758437.5,	98.0,	1.5);
(406212.5, 3758412.5,	97.3,	1.5);	(406212.5, 3758387.5,	97.0,	1.5);
(406212.5, 3758362.5,	97.3,	1.5);	(406212.5, 3758337.5,	97.0,	1.5);
(406212.5, 3758312.5,	97.0,	1.5);	(406212.5, 3758287.5,	97.0,	1.5);
(406212.5, 3758262.5,	97.0,	1.5);	(406212.5, 3758237.5,	97.0,	1.5);
• *** ISCST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT		***
			*** ANALYSIS PEAK HR NOx emissions		07/29/11
**MODELOPTs:					11:31:22
CONC	URBAN ELEV	FLGPOL	NOCALM		PAGE 13
*** DISCRETE CARTESIAN RECEPTORS *** (X-COORD, Y-COORD, ZELEV, ZFLAG) (METERS)					
(406212.5, 3758212.5,	97.0,	1.5);	(406212.5, 3758187.5,	97.0,	1.5);
(406212.5, 3758162.5,	96.6,	1.5);	(406212.5, 3758137.5,	96.0,	1.5);
(406237.5, 3758512.5,	100.3,	1.5);	(406237.5, 3758487.5,	99.8,	1.5);
(406237.5, 3758462.5,	99.0,	1.5);	(406237.5, 3758437.5,	98.7,	1.5);
(406237.5, 3758412.5,	98.0,	1.5);	(406237.5, 3758387.5,	98.0,	1.5);
(406237.5, 3758362.5,	98.0,	1.5);	(406237.5, 3758337.5,	97.7,	1.5);
(406237.5, 3758312.5,	97.7,	1.5);	(406237.5, 3758287.5,	97.7,	1.5);
(406237.5, 3758262.5,	97.7,	1.5);	(406237.5, 3758237.5,	97.7,	1.5);
(406237.5, 3758212.5,	98.0,	1.5);	(406237.5, 3758187.5,	98.0,	1.5);
(406237.5, 3758162.5,	97.0,	1.5);	(406237.5, 3758137.5,	97.0,	1.5);
(406262.5, 3758512.5,	101.6,	1.5);	(406262.5, 3758487.5,	101.0,	1.5);
(406262.5, 3758462.5,	100.2,	1.5);	(406262.5, 3758437.5,	99.9,	1.5);
(406262.5, 3758412.5,	99.1,	1.5);	(406262.5, 3758387.5,	99.0,	1.5);
(406262.5, 3758362.5,	99.0,	1.5);	(406262.5, 3758337.5,	98.3,	1.5);
(406262.5, 3758312.5,	98.0,	1.5);	(406262.5, 3758287.5,	98.0,	1.5);
(406262.5, 3758262.5,	98.1,	1.5);	(406262.5, 3758237.5,	98.3,	1.5);
(406262.5, 3758212.5,	98.0,	1.5);	(406262.5, 3758187.5,	98.0,	1.5);
(406262.5, 3758162.5,	98.0,	1.5);	(406262.5, 3758137.5,	97.0,	1.5);
(406287.5, 3758512.5,	102.4,	1.5);	(406287.5, 3758487.5,	102.0,	1.5);
(406287.5, 3758462.5,	101.3,	1.5);	(406287.5, 3758437.5,	100.8,	1.5);
(406287.5, 3758412.5,	100.3,	1.5);	(406287.5, 3758387.5,	100.0,	1.5);
(406287.5, 3758362.5,	99.9,	1.5);	(406287.5, 3758337.5,	99.7,	1.5);
(406287.5, 3758312.5,	99.0,	1.5);	(406287.5, 3758287.5,	99.0,	1.5);
(406287.5, 3758262.5,	99.0,	1.5);	(406287.5, 3758237.5,	99.0,	1.5);
(406287.5, 3758212.5,	99.0,	1.5);	(406287.5, 3758187.5,	98.0,	1.5);
(406287.5, 3758162.5,	98.0,	1.5);	(406287.5, 3758137.5,	98.0,	1.5);
(406312.5, 3758512.5,	103.1,	1.5);	(406312.5, 3758487.5,	102.3,	1.5);
(406312.5, 3758462.5,	102.0,	1.5);	(406312.5, 3758437.5,	102.0,	1.5);
(406312.5, 3758412.5,	101.3,	1.5);	(406312.5, 3758387.5,	101.0,	1.5);
(406312.5, 3758362.5,	101.0,	1.5);	(406312.5, 3758337.5,	100.2,	1.5);
(406312.5, 3758312.5,	100.0,	1.5);	(406312.5, 3758287.5,	100.0,	1.5);
(406312.5, 3758262.5,	100.0,	1.5);	(406312.5, 3758237.5,	100.0,	1.5);
(406312.5, 3758212.5,	99.1,	1.5);	(406312.5, 3758187.5,	99.0,	1.5);
(406312.5, 3758162.5,	98.3,	1.5);	(406312.5, 3758137.5,	98.0,	1.5);
(406337.5, 3758512.5,	104.0,	1.5);	(406337.5, 3758487.5,	103.0,	1.5);
(406337.5, 3758462.5,	102.9,	1.5);	(406337.5, 3758437.5,	102.7,	1.5);
(406337.5, 3758412.5,	102.0,	1.5);	(406337.5, 3758387.5,	102.0,	1.5);
(406337.5, 3758362.5,	101.9,	1.5);	(406337.5, 3758337.5,	101.0,	1.5);
(406337.5, 3758312.5,	101.0,	1.5);	(406337.5, 3758287.5,	100.0,	1.5);

Appendix B

		NOx Peak Hour Emissions Unmitigated			
(406337.5, 3758262.5,	100.0,	1.5);	(406337.5, 3758237.5,	100.0,	1.5);
(406337.5, 3758212.5,	99.5,	1.5);	(406337.5, 3758187.5,	99.0,	1.5);
(406337.5, 3758162.5,	99.0,	1.5);	(406337.5, 3758137.5,	98.9,	1.5);
(406362.5, 3758512.5,	104.6,	1.5);	(406362.5, 3758487.5,	104.0,	1.5);
(406362.5, 3758462.5,	104.0,	1.5);	(406362.5, 3758437.5,	103.3,	1.5);
(406362.5, 3758412.5,	103.1,	1.5);	(406362.5, 3758387.5,	103.0,	1.5);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406362.5, 3758362.5,	102.0,	1.5);	(406362.5, 3758337.5,	102.0,	1.5);
(406362.5, 3758312.5,	102.0,	1.5);	(406362.5, 3758287.5,	101.0,	1.5);
(406362.5, 3758262.5,	101.0,	1.5);	(406362.5, 3758237.5,	100.0,	1.5);
(406362.5, 3758212.5,	99.3,	1.5);	(406362.5, 3758187.5,	99.0,	1.5);
(406362.5, 3758162.5,	98.8,	1.5);	(406362.5, 3758137.5,	98.7,	1.5);
(406387.5, 3758512.5,	105.0,	1.5);	(406387.5, 3758487.5,	105.0,	1.5);
(406387.5, 3758462.5,	104.8,	1.5);	(406387.5, 3758437.5,	104.0,	1.5);
(406387.5, 3758412.5,	104.0,	1.5);	(406387.5, 3758387.5,	103.0,	1.5);
(406387.5, 3758362.5,	103.0,	1.5);	(406387.5, 3758337.5,	102.7,	1.5);
(406387.5, 3758312.5,	102.0,	1.5);	(406387.5, 3758287.5,	102.0,	1.5);
(406387.5, 3758262.5,	101.0,	1.5);	(406387.5, 3758237.5,	100.0,	1.5);
(406387.5, 3758212.5,	99.0,	1.5);	(406387.5, 3758187.5,	98.2,	1.5);
(406387.5, 3758162.5,	98.0,	1.5);	(406387.5, 3758137.5,	98.0,	1.5);
(406412.5, 3758512.5,	106.0,	1.5);	(406412.5, 3758487.5,	105.0,	1.5);
(406412.5, 3758462.5,	105.0,	1.5);	(406412.5, 3758437.5,	105.0,	1.5);
(406412.5, 3758412.5,	104.1,	1.5);	(406412.5, 3758387.5,	104.0,	1.5);
(406412.5, 3758362.5,	103.6,	1.5);	(406412.5, 3758337.5,	103.0,	1.5);
(406412.5, 3758312.5,	102.6,	1.5);	(406412.5, 3758287.5,	102.0,	1.5);
(406412.5, 3758262.5,	100.8,	1.5);	(406412.5, 3758237.5,	99.0,	1.5);
(406412.5, 3758212.5,	98.3,	1.5);	(406412.5, 3758187.5,	98.0,	1.5);
(406412.5, 3758162.5,	98.0,	1.5);	(406412.5, 3758137.5,	98.0,	1.5);
(406437.5, 3758512.5,	106.3,	1.5);	(406437.5, 3758487.5,	106.0,	1.5);
(406437.5, 3758462.5,	105.3,	1.5);	(406437.5, 3758437.5,	105.0,	1.5);
(406437.5, 3758412.5,	105.0,	1.5);	(406437.5, 3758387.5,	104.7,	1.5);
(406437.5, 3758362.5,	104.0,	1.5);	(406437.5, 3758337.5,	104.0,	1.5);
(406437.5, 3758312.5,	103.0,	1.5);	(406437.5, 3758287.5,	102.0,	1.5);
(406437.5, 3758262.5,	100.0,	1.5);	(406437.5, 3758237.5,	98.2,	1.5);
(406437.5, 3758212.5,	98.0,	1.5);	(406437.5, 3758187.5,	98.0,	1.5);
(406437.5, 3758162.5,	98.0,	1.5);	(406437.5, 3758137.5,	98.0,	1.5);
(406462.5, 3758512.5,	107.0,	1.5);	(406462.5, 3758487.5,	106.0,	1.5);
(406462.5, 3758462.5,	106.0,	1.5);	(406462.5, 3758437.5,	105.2,	1.5);
(406462.5, 3758412.5,	105.0,	1.5);	(406462.5, 3758387.5,	105.0,	1.5);
(406462.5, 3758362.5,	104.6,	1.5);	(406462.5, 3758337.5,	104.0,	1.5);
(406462.5, 3758312.5,	103.6,	1.5);	(406462.5, 3758287.5,	102.3,	1.5);
(406462.5, 3758262.5,	99.3,	1.5);	(406462.5, 3758237.5,	98.0,	1.5);
(406462.5, 3758212.5,	98.0,	1.5);	(406462.5, 3758187.5,	98.3,	1.5);
(406462.5, 3758162.5,	98.6,	1.5);	(406462.5, 3758137.5,	99.2,	1.5);
(406487.5, 3758512.5,	107.9,	1.5);	(406487.5, 3758487.5,	107.0,	1.5);
(406487.5, 3758462.5,	106.0,	1.5);	(406487.5, 3758437.5,	106.0,	1.5);
(406487.5, 3758412.5,	105.0,	1.5);	(406487.5, 3758387.5,	105.0,	1.5);

Appendix B

		NOx Peak Hour Emissions Unmitigated			
(406487.5, 3758362.5,	105.0,	1.5);	(406487.5, 3758337.5,	104.0,	1.5);
(406487.5, 3758312.5,	104.0,	1.5);	(406487.5, 3758287.5,	103.0,	1.5);
(406487.5, 3758262.5,	98.5,	1.5);	(406487.5, 3758237.5,	98.0,	1.5);
(406487.5, 3758212.5,	98.9,	1.5);	(406487.5, 3758187.5,	99.8,	1.5);
(406487.5, 3758162.5,	100.0,	1.5);	(406487.5, 3758137.5,	100.8,	1.5);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406512.5, 3758512.5,	108.0,	1.5);	(406512.5, 3758487.5,	107.0,	1.5);
(406512.5, 3758462.5,	106.0,	1.5);	(406512.5, 3758437.5,	105.0,	1.5);
(406512.5, 3758412.5,	105.0,	1.5);	(406512.5, 3758387.5,	105.0,	1.5);
(406512.5, 3758362.5,	104.3,	1.5);	(406512.5, 3758337.5,	104.0,	1.5);
(406512.5, 3758312.5,	103.2,	1.5);	(406512.5, 3758287.5,	100.9,	1.5);
(406512.5, 3758262.5,	98.0,	1.5);	(406512.5, 3758237.5,	98.6,	1.5);
(406512.5, 3758212.5,	101.9,	1.5);	(406512.5, 3758187.5,	102.0,	1.5);
(406512.5, 3758162.5,	102.0,	1.5);	(406512.5, 3758137.5,	102.0,	1.5);
(406537.5, 3758512.5,	108.4,	1.5);	(406537.5, 3758487.5,	107.0,	1.5);
(406537.5, 3758462.5,	106.0,	1.5);	(406537.5, 3758437.5,	105.0,	1.5);
(406537.5, 3758412.5,	105.0,	1.5);	(406537.5, 3758387.5,	104.2,	1.5);
(406537.5, 3758362.5,	103.6,	1.5);	(406537.5, 3758337.5,	103.0,	1.5);
(406537.5, 3758312.5,	102.4,	1.5);	(406537.5, 3758287.5,	101.7,	1.5);
(406537.5, 3758262.5,	102.0,	1.5);	(406537.5, 3758237.5,	104.7,	1.5);
(406537.5, 3758212.5,	103.8,	1.5);	(406537.5, 3758187.5,	103.0,	1.5);
(406537.5, 3758162.5,	102.4,	1.5);	(406537.5, 3758137.5,	102.0,	1.5);
(406562.5, 3758512.5,	108.6,	1.5);	(406562.5, 3758487.5,	107.0,	1.5);
(406562.5, 3758462.5,	105.8,	1.5);	(406562.5, 3758437.5,	105.0,	1.5);
(406562.5, 3758412.5,	104.0,	1.5);	(406562.5, 3758387.5,	103.0,	1.5);
(406562.5, 3758362.5,	103.0,	1.5);	(406562.5, 3758337.5,	103.0,	1.5);
(406562.5, 3758312.5,	103.3,	1.5);	(406562.5, 3758287.5,	104.0,	1.5);
(406562.5, 3758262.5,	104.6,	1.5);	(406562.5, 3758237.5,	105.0,	1.5);
(406562.5, 3758212.5,	104.2,	1.5);	(406562.5, 3758187.5,	104.0,	1.5);
(406562.5, 3758162.5,	103.3,	1.5);	(406562.5, 3758137.5,	103.0,	1.5);
(406587.5, 3758512.5,	109.0,	1.5);	(406587.5, 3758487.5,	107.2,	1.5);
(406587.5, 3758462.5,	105.5,	1.5);	(406587.5, 3758437.5,	104.0,	1.5);
(406587.5, 3758412.5,	104.0,	1.5);	(406587.5, 3758387.5,	103.7,	1.5);
(406587.5, 3758362.5,	103.4,	1.5);	(406587.5, 3758337.5,	103.8,	1.5);
(406587.5, 3758312.5,	104.9,	1.5);	(406587.5, 3758287.5,	105.0,	1.5);
(406587.5, 3758262.5,	105.0,	1.5);	(406587.5, 3758237.5,	105.0,	1.5);
(406587.5, 3758212.5,	105.0,	1.5);	(406587.5, 3758187.5,	104.8,	1.5);
(406587.5, 3758162.5,	104.0,	1.5);	(406587.5, 3758137.5,	103.8,	1.5);
(406612.5, 3758512.5,	109.0,	1.5);	(406612.5, 3758487.5,	107.0,	1.5);
(406612.5, 3758462.5,	104.7,	1.5);	(406612.5, 3758437.5,	104.0,	1.5);
(406612.5, 3758412.5,	104.0,	1.5);	(406612.5, 3758387.5,	103.3,	1.5);
(406612.5, 3758362.5,	104.6,	1.5);	(406612.5, 3758337.5,	105.6,	1.5);
(406612.5, 3758312.5,	106.4,	1.5);	(406612.5, 3758287.5,	106.3,	1.5);
(406612.5, 3758262.5,	106.3,	1.5);	(406612.5, 3758237.5,	106.0,	1.5);
(406612.5, 3758212.5,	105.6,	1.5);	(406612.5, 3758187.5,	105.0,	1.5);
(406612.5, 3758162.5,	105.0,	1.5);	(406612.5, 3758137.5,	105.0,	1.5);
(406637.5, 3758512.5,	108.1,	1.5);	(406637.5, 3758487.5,	107.0,	1.5);

Appendix B

		NOx Peak Hour Emissions Unmitigated			
(406637.5, 3758462.5,	105.5,	1.5);	(406637.5, 3758437.5,	104.0,	1.5);
(406637.5, 3758412.5,	104.4,	1.5);	(406637.5, 3758387.5,	105.8,	1.5);
(406637.5, 3758362.5,	107.3,	1.5);	(406637.5, 3758337.5,	108.8,	1.5);
(406637.5, 3758312.5,	108.8,	1.5);	(406637.5, 3758287.5,	108.0,	1.5);
* *** ISCST3 - VERSION 02035 ***		*** WHITTIER MATRIX OIL PROJECT		*** 07/29/11	
		*** ANALYSIS PEAK HR NOx emissions		*** 11:31:22	
**MODELOPTs:				PAGE 16	
CONC	URBAN ELEV	FLGPOL		NOCALM	
*** DISCRETE CARTESIAN RECEPTORS ***					
(X-COORD, Y-COORD, ZELEV, ZFLAG)					
(METERS)					
(406637.5, 3758262.5,	107.4,	1.5);	(406637.5, 3758237.5,	106.7,	1.5);
(406637.5, 3758212.5,	106.0,	1.5);	(406637.5, 3758187.5,	105.7,	1.5);
(406637.5, 3758162.5,	105.0,	1.5);	(406637.5, 3758137.5,	105.0,	1.5);
(406662.5, 3758512.5,	109.0,	1.5);	(406662.5, 3758487.5,	108.0,	1.5);
(406662.5, 3758462.5,	107.2,	1.5);	(406662.5, 3758437.5,	107.3,	1.5);
(406662.5, 3758412.5,	108.3,	1.5);	(406662.5, 3758387.5,	108.3,	1.5);
(406662.5, 3758362.5,	109.2,	1.5);	(406662.5, 3758337.5,	110.0,	1.5);
(406662.5, 3758312.5,	109.6,	1.5);	(406662.5, 3758287.5,	109.0,	1.5);
(406662.5, 3758262.5,	108.0,	1.5);	(406662.5, 3758237.5,	107.3,	1.5);
(406662.5, 3758212.5,	107.0,	1.5);	(406662.5, 3758187.5,	106.0,	1.5);
(406662.5, 3758162.5,	106.0,	1.5);	(406662.5, 3758137.5,	105.0,	1.5);
(406687.5, 3758512.5,	109.0,	1.5);	(406687.5, 3758487.5,	109.0,	1.5);
(406687.5, 3758462.5,	109.0,	1.5);	(406687.5, 3758437.5,	109.8,	1.5);
(406687.5, 3758412.5,	110.0,	1.5);	(406687.5, 3758387.5,	109.8,	1.5);
(406687.5, 3758362.5,	110.4,	1.5);	(406687.5, 3758337.5,	110.7,	1.5);
(406687.5, 3758312.5,	110.0,	1.5);	(406687.5, 3758287.5,	109.0,	1.5);
(406687.5, 3758262.5,	108.4,	1.5);	(406687.5, 3758237.5,	108.0,	1.5);
(406687.5, 3758212.5,	107.0,	1.5);	(406687.5, 3758187.5,	107.0,	1.5);
(406687.5, 3758162.5,	106.0,	1.5);	(406687.5, 3758137.5,	105.0,	1.5);
(406712.5, 3758512.5,	109.0,	1.5);	(406712.5, 3758487.5,	109.3,	1.5);
(406712.5, 3758462.5,	110.0,	1.5);	(406712.5, 3758437.5,	110.2,	1.5);
(406712.5, 3758412.5,	111.0,	1.5);	(406712.5, 3758387.5,	111.0,	1.5);
(406712.5, 3758362.5,	111.0,	1.5);	(406712.5, 3758337.5,	110.9,	1.5);
(406712.5, 3758312.5,	110.0,	1.5);	(406712.5, 3758287.5,	109.0,	1.5);
(406712.5, 3758262.5,	109.0,	1.5);	(406712.5, 3758237.5,	108.0,	1.5);
(406712.5, 3758212.5,	108.0,	1.5);	(406712.5, 3758187.5,	107.0,	1.5);
(406712.5, 3758162.5,	106.1,	1.5);	(406712.5, 3758137.5,	105.0,	1.5);
(406737.5, 3758512.5,	109.5,	1.5);	(406737.5, 3758487.5,	110.0,	1.5);
(406737.5, 3758462.5,	110.9,	1.5);	(406737.5, 3758437.5,	111.0,	1.5);
(406737.5, 3758412.5,	111.4,	1.5);	(406737.5, 3758387.5,	111.8,	1.5);
(406737.5, 3758362.5,	112.0,	1.5);	(406737.5, 3758337.5,	111.0,	1.5);
(406737.5, 3758312.5,	110.3,	1.5);	(406737.5, 3758287.5,	110.0,	1.5);
(406737.5, 3758262.5,	109.0,	1.5);	(406737.5, 3758237.5,	109.0,	1.5);
(406737.5, 3758212.5,	108.0,	1.5);	(406737.5, 3758187.5,	107.0,	1.5);
(406737.5, 3758162.5,	106.0,	1.5);	(406737.5, 3758137.5,	105.0,	1.5);
(406762.5, 3758512.5,	110.0,	1.5);	(406762.5, 3758487.5,	111.0,	1.5);
(406762.5, 3758462.5,	111.3,	1.5);	(406762.5, 3758437.5,	112.0,	1.5);
(406762.5, 3758412.5,	112.0,	1.5);	(406762.5, 3758387.5,	112.0,	1.5);
(406762.5, 3758362.5,	112.3,	1.5);	(406762.5, 3758337.5,	112.0,	1.5);
(406762.5, 3758312.5,	111.1,	1.5);	(406762.5, 3758287.5,	110.2,	1.5);
(406762.5, 3758262.5,	110.0,	1.5);	(406762.5, 3758237.5,	109.0,	1.5);
(406762.5, 3758212.5,	108.6,	1.5);	(406762.5, 3758187.5,	107.0,	1.5);

Appendix B

(406762.5, 3758162.5,	106.0,	1.5);	(406762.5, 3758137.5,	105.0,	1.5);
(406787.5, 3758512.5,	110.0,	1.5);	(406787.5, 3758487.5,	111.0,	1.5);
(406787.5, 3758462.5,	112.0,	1.5);	(406787.5, 3758437.5,	112.7,	1.5);

• *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406787.5, 3758412.5,	113.0,	1.5);	(406787.5, 3758387.5,	113.0,	1.5);
(406787.5, 3758362.5,	113.4,	1.5);	(406787.5, 3758337.5,	112.7,	1.5);
(406787.5, 3758312.5,	112.0,	1.5);	(406787.5, 3758287.5,	111.7,	1.5);
(406787.5, 3758262.5,	110.3,	1.5);	(406787.5, 3758237.5,	109.9,	1.5);
(406787.5, 3758212.5,	109.0,	1.5);	(406787.5, 3758187.5,	107.0,	1.5);
(406787.5, 3758162.5,	106.0,	1.5);	(406787.5, 3758137.5,	104.2,	1.5);
(406812.5, 3758512.5,	110.6,	1.5);	(406812.5, 3758487.5,	112.0,	1.5);
(406812.5, 3758462.5,	112.6,	1.5);	(406812.5, 3758437.5,	113.3,	1.5);
(406812.5, 3758412.5,	114.1,	1.5);	(406812.5, 3758387.5,	114.2,	1.5);
(406812.5, 3758362.5,	114.2,	1.5);	(406812.5, 3758337.5,	114.0,	1.5);
(406812.5, 3758312.5,	112.6,	1.5);	(406812.5, 3758287.5,	112.0,	1.5);
(406812.5, 3758262.5,	111.1,	1.5);	(406812.5, 3758237.5,	110.0,	1.5);
(406812.5, 3758212.5,	109.0,	1.5);	(406812.5, 3758187.5,	108.0,	1.5);
(406812.5, 3758162.5,	105.5,	1.5);	(406812.5, 3758137.5,	104.0,	1.5);
(406837.5, 3758512.5,	111.7,	1.5);	(406837.5, 3758487.5,	112.0,	1.5);
(406837.5, 3758462.5,	113.0,	1.5);	(406837.5, 3758437.5,	114.0,	1.5);
(406837.5, 3758412.5,	115.4,	1.5);	(406837.5, 3758387.5,	115.8,	1.5);
(406837.5, 3758362.5,	115.3,	1.5);	(406837.5, 3758337.5,	115.0,	1.5);
(406837.5, 3758312.5,	113.8,	1.5);	(406837.5, 3758287.5,	112.0,	1.5);
(406837.5, 3758262.5,	110.6,	1.5);	(406837.5, 3758237.5,	109.2,	1.5);
(406837.5, 3758212.5,	109.0,	1.5);	(406837.5, 3758187.5,	108.0,	1.5);
(406837.5, 3758162.5,	106.2,	1.5);	(406837.5, 3758137.5,	104.8,	1.5);
(406862.5, 3758512.5,	112.3,	1.5);	(406862.5, 3758487.5,	113.0,	1.5);
(406862.5, 3758462.5,	114.0,	1.5);	(406862.5, 3758437.5,	115.0,	1.5);
(406862.5, 3758412.5,	116.0,	1.5);	(406862.5, 3758387.5,	116.3,	1.5);
(406862.5, 3758362.5,	116.0,	1.5);	(406862.5, 3758337.5,	115.9,	1.5);
(406862.5, 3758312.5,	114.5,	1.5);	(406862.5, 3758287.5,	110.9,	1.5);
(406862.5, 3758262.5,	109.3,	1.5);	(406862.5, 3758237.5,	109.2,	1.5);
(406862.5, 3758212.5,	109.2,	1.5);	(406862.5, 3758187.5,	109.0,	1.5);
(406862.5, 3758162.5,	109.0,	1.5);	(406862.5, 3758137.5,	108.3,	1.5);
(406887.5, 3758512.5,	113.8,	1.5);	(406887.5, 3758487.5,	114.0,	1.5);
(406887.5, 3758462.5,	114.4,	1.5);	(406887.5, 3758437.5,	115.8,	1.5);
(406887.5, 3758412.5,	116.4,	1.5);	(406887.5, 3758387.5,	117.0,	1.5);
(406887.5, 3758362.5,	116.9,	1.5);	(406887.5, 3758337.5,	116.0,	1.5);
(406887.5, 3758312.5,	112.9,	1.5);	(406887.5, 3758287.5,	109.2,	1.5);
(406887.5, 3758262.5,	109.8,	1.5);	(406887.5, 3758237.5,	110.8,	1.5);
(406887.5, 3758212.5,	111.7,	1.5);	(406887.5, 3758187.5,	111.5,	1.5);
(406887.5, 3758162.5,	111.5,	1.5);	(406887.5, 3758137.5,	111.7,	1.5);
(406912.5, 3758512.5,	114.6,	1.5);	(406912.5, 3758487.5,	115.0,	1.5);
(406912.5, 3758462.5,	115.0,	1.5);	(406912.5, 3758437.5,	116.0,	1.5);
(406912.5, 3758412.5,	117.5,	1.5);	(406912.5, 3758387.5,	118.0,	1.5);
(406912.5, 3758362.5,	117.0,	1.5);	(406912.5, 3758337.5,	115.9,	1.5);
(406912.5, 3758312.5,	111.6,	1.5);	(406912.5, 3758287.5,	109.0,	1.5);

Appendix B

NOx Peak Hour Emissions Unmitigated
 (406912.5, 3758262.5, 111.9, 1.5); (406912.5, 3758237.5, 114.5, 1.5);
 (406912.5, 3758212.5, 114.9, 1.5); (406912.5, 3758187.5, 114.5, 1.5);

• *** ISCS T3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406912.5, 3758162.5, 114.5, 1.5);	(406912.5, 3758137.5, 114.5, 1.5);
(406937.5, 3758512.5, 116.0, 1.5);	(406937.5, 3758487.5, 116.0, 1.5);
(406937.5, 3758462.5, 115.9, 1.5);	(406937.5, 3758437.5, 116.0, 1.5);
(406937.5, 3758412.5, 117.9, 1.5);	(406937.5, 3758387.5, 118.0, 1.5);
(406937.5, 3758362.5, 117.0, 1.5);	(406937.5, 3758337.5, 115.2, 1.5);
(406937.5, 3758312.5, 111.9, 1.5);	(406937.5, 3758287.5, 113.4, 1.5);
(406937.5, 3758262.5, 116.2, 1.5);	(406937.5, 3758237.5, 118.8, 1.5);
(406937.5, 3758212.5, 119.5, 1.5);	(406937.5, 3758187.5, 119.5, 1.5);
(406937.5, 3758162.5, 118.9, 1.5);	(406937.5, 3758137.5, 117.7, 1.5);
(406962.5, 3758512.5, 118.5, 1.5);	(406962.5, 3758487.5, 118.5, 1.5);
(406962.5, 3758462.5, 118.5, 1.5);	(406962.5, 3758437.5, 118.3, 1.5);
(406962.5, 3758412.5, 119.2, 1.5);	(406962.5, 3758387.5, 118.9, 1.5);
(406962.5, 3758362.5, 116.3, 1.5);	(406962.5, 3758337.5, 114.9, 1.5);
(406962.5, 3758312.5, 115.2, 1.5);	(406962.5, 3758287.5, 117.3, 1.5);
(406962.5, 3758262.5, 121.1, 1.5);	(406962.5, 3758237.5, 122.3, 1.5);
(406962.5, 3758212.5, 122.6, 1.5);	(406962.5, 3758187.5, 123.0, 1.5);
(406962.5, 3758162.5, 121.4, 1.5);	(406962.5, 3758137.5, 118.9, 1.5);
(406987.5, 3758512.5, 121.6, 1.5);	(406987.5, 3758487.5, 121.7, 1.5);
(406987.5, 3758462.5, 120.8, 1.5);	(406987.5, 3758437.5, 120.8, 1.5);
(406987.5, 3758412.5, 120.3, 1.5);	(406987.5, 3758387.5, 118.9, 1.5);
(406987.5, 3758362.5, 116.0, 1.5);	(406987.5, 3758337.5, 115.0, 1.5);
(406987.5, 3758312.5, 115.5, 1.5);	(406987.5, 3758287.5, 119.0, 1.5);
(406987.5, 3758262.5, 122.9, 1.5);	(406987.5, 3758237.5, 123.0, 1.5);
(406987.5, 3758212.5, 123.1, 1.5);	(406987.5, 3758187.5, 122.2, 1.5);
(406987.5, 3758162.5, 119.3, 1.5);	(406987.5, 3758137.5, 116.2, 1.5);
(407012.5, 3758512.5, 123.0, 1.5);	(407012.5, 3758487.5, 123.0, 1.5);
(407012.5, 3758462.5, 123.0, 1.5);	(407012.5, 3758437.5, 122.3, 1.5);
(407012.5, 3758412.5, 121.4, 1.5);	(407012.5, 3758387.5, 119.9, 1.5);
(407012.5, 3758362.5, 118.2, 1.5);	(407012.5, 3758337.5, 118.5, 1.5);
(407012.5, 3758312.5, 118.5, 1.5);	(407012.5, 3758287.5, 121.3, 1.5);
(407012.5, 3758262.5, 122.7, 1.5);	(407012.5, 3758237.5, 122.0, 1.5);
(407012.5, 3758212.5, 121.4, 1.5);	(407012.5, 3758187.5, 118.9, 1.5);
(407012.5, 3758162.5, 115.6, 1.5);	(407012.5, 3758137.5, 115.5, 1.5);
(407037.5, 3758512.5, 123.4, 1.5);	(407037.5, 3758487.5, 124.0, 1.5);
(407037.5, 3758462.5, 123.8, 1.5);	(407037.5, 3758437.5, 123.7, 1.5);
(407037.5, 3758412.5, 122.9, 1.5);	(407037.5, 3758387.5, 121.7, 1.5);
(407037.5, 3758362.5, 121.7, 1.5);	(407037.5, 3758337.5, 122.7, 1.5);
(407037.5, 3758312.5, 122.7, 1.5);	(407037.5, 3758287.5, 122.7, 1.5);
(407037.5, 3758262.5, 122.0, 1.5);	(407037.5, 3758237.5, 121.2, 1.5);
(407037.5, 3758212.5, 120.9, 1.5);	(407037.5, 3758187.5, 121.3, 1.5);
(407037.5, 3758162.5, 121.5, 1.5);	(407037.5, 3758137.5, 121.5, 1.5);
(407062.5, 3758512.5, 123.8, 1.5);	(407062.5, 3758487.5, 125.2, 1.5);
(407062.5, 3758462.5, 125.2, 1.5);	(407062.5, 3758437.5, 125.2, 1.5);
(407062.5, 3758412.5, 124.2, 1.5);	(407062.5, 3758387.5, 123.3, 1.5);

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		NOx Peak Hour Emissions Unmitigated					
(407062.5, 3758362.5,		123.3,	1.5);	(407062.5, 3758337.5,		124.0,	1.5);
• *** ISCST3 - VERSION 02035 ***		*** WHITTIER MATRIX OIL PROJECT				***	
		*** ANALYSIS PEAK HR NOx emissions				07/29/11	
**MODELOPTs:						11:31:22	
CONC	URBAN ELEV	FLGPOL		NOCALM		PAGE 19	
*** DISCRETE CARTESIAN RECEPTORS ***							
(X-COORD, Y-COORD, ZELEV, ZFLAG)							
(METERS)							
(407062.5, 3758312.5,	124.0,	1.5);	(407062.5, 3758287.5,	123.2,	1.5);		
(407062.5, 3758262.5,	122.6,	1.5);	(407062.5, 3758237.5,	122.0,	1.5);		
(407062.5, 3758212.5,	122.6,	1.5);	(407062.5, 3758187.5,	123.0,	1.5);		
(407062.5, 3758162.5,	123.0,	1.5);	(407062.5, 3758137.5,	123.0,	1.5);		
(407087.5, 3758512.5,	126.3,	1.5);	(407087.5, 3758487.5,	127.0,	1.5);		
(407087.5, 3758462.5,	127.7,	1.5);	(407087.5, 3758437.5,	126.9,	1.5);		
(407087.5, 3758412.5,	126.3,	1.5);	(407087.5, 3758387.5,	125.8,	1.5);		
(407087.5, 3758362.5,	125.8,	1.5);	(407087.5, 3758337.5,	125.8,	1.5);		
(407087.5, 3758312.5,	125.8,	1.5);	(407087.5, 3758287.5,	125.7,	1.5);		
(407087.5, 3758262.5,	124.8,	1.5);	(407087.5, 3758237.5,	123.7,	1.5);		
(407087.5, 3758212.5,	123.7,	1.5);	(407087.5, 3758187.5,	124.0,	1.5);		
(407087.5, 3758162.5,	124.0,	1.5);	(407087.5, 3758137.5,	124.0,	1.5);		
(407112.5, 3758512.5,	127.8,	1.5);	(407112.5, 3758487.5,	129.2,	1.5);		
(407112.5, 3758462.5,	129.2,	1.5);	(407112.5, 3758437.5,	129.2,	1.5);		
(407112.5, 3758412.5,	128.1,	1.5);	(407112.5, 3758387.5,	127.0,	1.5);		
(407112.5, 3758362.5,	127.0,	1.5);	(407112.5, 3758337.5,	127.0,	1.5);		
(407112.5, 3758312.5,	127.1,	1.5);	(407112.5, 3758287.5,	127.3,	1.5);		
(407112.5, 3758262.5,	127.1,	1.5);	(407112.5, 3758237.5,	126.2,	1.5);		
(407112.5, 3758212.5,	126.1,	1.5);	(407112.5, 3758187.5,	126.0,	1.5);		
(407112.5, 3758162.5,	125.2,	1.5);	(407112.5, 3758137.5,	124.2,	1.5);		
(407137.5, 3758512.5,	130.3,	1.5);	(407137.5, 3758487.5,	132.6,	1.5);		
(407137.5, 3758462.5,	132.6,	1.5);	(407137.5, 3758437.5,	130.8,	1.5);		
(407137.5, 3758412.5,	129.8,	1.5);	(407137.5, 3758387.5,	128.7,	1.5);		
(407137.5, 3758362.5,	128.0,	1.5);	(407137.5, 3758337.5,	128.7,	1.5);		
(407137.5, 3758312.5,	128.7,	1.5);	(407137.5, 3758287.5,	129.8,	1.5);		
(407137.5, 3758262.5,	128.8,	1.5);	(407137.5, 3758237.5,	128.7,	1.5);		
(407137.5, 3758212.5,	127.3,	1.5);	(407137.5, 3758187.5,	127.7,	1.5);		
(407137.5, 3758162.5,	127.7,	1.5);	(407137.5, 3758137.5,	126.7,	1.5);		
(407162.5, 3758512.5,	132.4,	1.5);	(407162.5, 3758487.5,	134.6,	1.5);		
(407162.5, 3758462.5,	136.0,	1.5);	(407162.5, 3758437.5,	133.2,	1.5);		
(407162.5, 3758412.5,	131.7,	1.5);	(407162.5, 3758387.5,	131.2,	1.5);		
(407162.5, 3758362.5,	130.2,	1.5);	(407162.5, 3758337.5,	130.2,	1.5);		
(407162.5, 3758312.5,	131.2,	1.5);	(407162.5, 3758287.5,	131.2,	1.5);		
(407162.5, 3758262.5,	131.2,	1.5);	(407162.5, 3758237.5,	131.5,	1.5);		
(407162.5, 3758212.5,	131.7,	1.5);	(407162.5, 3758187.5,	131.8,	1.5);		
(407162.5, 3758162.5,	131.5,	1.5);	(407162.5, 3758137.5,	129.5,	1.5);		
(407187.5, 3758512.5,	140.1,	1.5);	(407187.5, 3758487.5,	141.7,	1.5);		
(407187.5, 3758462.5,	139.3,	1.5);	(407187.5, 3758437.5,	136.5,	1.5);		
(407187.5, 3758412.5,	133.8,	1.5);	(407187.5, 3758387.5,	132.7,	1.5);		
(407187.5, 3758362.5,	132.7,	1.5);	(407187.5, 3758337.5,	132.7,	1.5);		
(407187.5, 3758312.5,	132.9,	1.5);	(407187.5, 3758287.5,	133.7,	1.5);		
(407187.5, 3758262.5,	133.9,	1.5);	(407187.5, 3758237.5,	134.8,	1.5);		
(407187.5, 3758212.5,	136.2,	1.5);	(407187.5, 3758187.5,	137.5,	1.5);		
(407187.5, 3758162.5,	136.9,	1.5);	(407187.5, 3758137.5,	134.5,	1.5);		
(407212.5, 3758512.5,	142.0,	1.5);	(407212.5, 3758487.5,	142.3,	1.5);		

Appendix B

• *** ISCST3 - VERSION 02035 ***		NOx Peak Hour Emissions Unmitigated		*** WHITTIER MATRIX OIL PROJECT		***		07/29/11	
		*** ANALYSIS PEAK HR NOx emissions				***		11:31:22	
**MODELOPTs:								PAGE 20	
CONC	URBAN ELEV	FLGPOL		NOCALM					
*** DISCRETE CARTESIAN RECEPTORS ***									
(X-COORD, Y-COORD, ZELEV, ZFLAG)									
(METERS)									
(407212.5,	3758462.5,	141.1,	1.5);	(407212.5,	3758437.5,	140.9,	1.5);		
(407212.5,	3758412.5,	137.7,	1.5);	(407212.5,	3758387.5,	135.2,	1.5);		
(407212.5,	3758362.5,	135.1,	1.5);	(407212.5,	3758337.5,	135.0,	1.5);		
(407212.5,	3758312.5,	135.1,	1.5);	(407212.5,	3758287.5,	135.2,	1.5);		
(407212.5,	3758262.5,	136.1,	1.5);	(407212.5,	3758237.5,	137.0,	1.5);		
(407212.5,	3758212.5,	139.8,	1.5);	(407212.5,	3758187.5,	141.0,	1.5);		
(407212.5,	3758162.5,	140.5,	1.5);	(407212.5,	3758137.5,	136.9,	1.5);		
(407237.5,	3758512.5,	143.0,	1.5);	(407237.5,	3758487.5,	143.7,	1.5);		
(407237.5,	3758462.5,	143.7,	1.5);	(407237.5,	3758437.5,	142.7,	1.5);		
(407237.5,	3758412.5,	140.2,	1.5);	(407237.5,	3758387.5,	137.7,	1.5);		
(407237.5,	3758362.5,	136.7,	1.5);	(407237.5,	3758337.5,	136.7,	1.5);		
(407237.5,	3758312.5,	137.2,	1.5);	(407237.5,	3758287.5,	137.7,	1.5);		
(407237.5,	3758262.5,	137.9,	1.5);	(407237.5,	3758237.5,	138.0,	1.5);		
(407237.5,	3758212.5,	140.1,	1.5);	(407237.5,	3758187.5,	140.2,	1.5);		
(407237.5,	3758162.5,	138.7,	1.5);	(407237.5,	3758137.5,	136.2,	1.5);		
(407262.5,	3758512.5,	144.2,	1.5);	(407262.5,	3758487.5,	145.0,	1.5);		
(407262.5,	3758462.5,	145.1,	1.5);	(407262.5,	3758437.5,	146.3,	1.5);		
(407262.5,	3758412.5,	144.8,	1.5);	(407262.5,	3758387.5,	139.9,	1.5);		
(407262.5,	3758362.5,	138.3,	1.5);	(407262.5,	3758337.5,	138.3,	1.5);		
(407262.5,	3758312.5,	139.2,	1.5);	(407262.5,	3758287.5,	139.3,	1.5);		
(407262.5,	3758262.5,	140.0,	1.5);	(407262.5,	3758237.5,	139.2,	1.5);		
(407262.5,	3758212.5,	138.3,	1.5);	(407262.5,	3758187.5,	137.7,	1.5);		
(407262.5,	3758162.5,	136.6,	1.5);	(407262.5,	3758137.5,	134.7,	1.5);		
(407287.5,	3758512.5,	146.3,	1.5);	(407287.5,	3758487.5,	145.8,	1.5);		
(407287.5,	3758462.5,	146.9,	1.5);	(407287.5,	3758437.5,	147.7,	1.5);		
(407287.5,	3758412.5,	146.9,	1.5);	(407287.5,	3758387.5,	142.5,	1.5);		
(407287.5,	3758362.5,	139.3,	1.5);	(407287.5,	3758337.5,	140.0,	1.5);		
(407287.5,	3758312.5,	140.8,	1.5);	(407287.5,	3758287.5,	141.0,	1.5);		
(407287.5,	3758262.5,	141.0,	1.5);	(407287.5,	3758237.5,	139.0,	1.5);		
(407287.5,	3758212.5,	135.9,	1.5);	(407287.5,	3758187.5,	135.2,	1.5);		
(407287.5,	3758162.5,	135.8,	1.5);	(407287.5,	3758137.5,	134.0,	1.5);		
(407312.5,	3758512.5,	150.1,	1.5);	(407312.5,	3758487.5,	151.2,	1.5);		
(407312.5,	3758462.5,	149.7,	1.5);	(407312.5,	3758437.5,	148.9,	1.5);		
(407312.5,	3758412.5,	147.9,	1.5);	(407312.5,	3758387.5,	144.9,	1.5);		
(407312.5,	3758362.5,	140.6,	1.5);	(407312.5,	3758337.5,	140.0,	1.5);		
(407312.5,	3758312.5,	140.8,	1.5);	(407312.5,	3758287.5,	140.7,	1.5);		
(407312.5,	3758262.5,	139.2,	1.5);	(407312.5,	3758237.5,	135.7,	1.5);		
(407312.5,	3758212.5,	133.7,	1.5);	(407312.5,	3758187.5,	133.7,	1.5);		
(407312.5,	3758162.5,	135.0,	1.5);	(407312.5,	3758137.5,	135.2,	1.5);		
(407337.5,	3758512.5,	153.3,	1.5);	(407337.5,	3758487.5,	152.9,	1.5);		
(407337.5,	3758462.5,	151.4,	1.5);	(407337.5,	3758437.5,	149.7,	1.5);		
(407337.5,	3758412.5,	147.9,	1.5);	(407337.5,	3758387.5,	145.9,	1.5);		
(407337.5,	3758362.5,	140.5,	1.5);	(407337.5,	3758337.5,	139.2,	1.5);		
(407337.5,	3758312.5,	138.3,	1.5);	(407337.5,	3758287.5,	137.2,	1.5);		
(407337.5,	3758262.5,	135.8,	1.5);	(407337.5,	3758237.5,	134.2,	1.5);		

Appendix B

NOx Peak Hour Emissions Unmitigated

**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(407337.5, 3758212.5, 132.4, 1.5);	(407337.5, 3758187.5, 132.2, 1.5);
(407337.5, 3758162.5, 134.5, 1.5);	(407337.5, 3758137.5, 135.0, 1.5);
(407362.5, 3758512.5, 153.2, 1.5);	(407362.5, 3758487.5, 152.9, 1.5);
(407362.5, 3758462.5, 151.4, 1.5);	(407362.5, 3758437.5, 149.6, 1.5);
(407362.5, 3758412.5, 147.9, 1.5);	(407362.5, 3758387.5, 145.9, 1.5);
(407362.5, 3758362.5, 141.6, 1.5);	(407362.5, 3758337.5, 139.2, 1.5);
(407362.5, 3758312.5, 136.6, 1.5);	(407362.5, 3758287.5, 134.7, 1.5);
(407362.5, 3758262.5, 133.2, 1.5);	(407362.5, 3758237.5, 129.4, 1.5);
(407362.5, 3758212.5, 129.3, 1.5);	(407362.5, 3758187.5, 128.4, 1.5);
(407362.5, 3758162.5, 130.6, 1.5);	(407362.5, 3758137.5, 132.4, 1.5);
(407387.5, 3758512.5, 152.1, 1.5);	(407387.5, 3758487.5, 152.2, 1.5);
(407387.5, 3758462.5, 150.0, 1.5);	(407387.5, 3758437.5, 147.4, 1.5);
(407387.5, 3758412.5, 147.1, 1.5);	(407387.5, 3758387.5, 145.9, 1.5);
(407387.5, 3758362.5, 142.4, 1.5);	(407387.5, 3758337.5, 140.9, 1.5);
(407387.5, 3758312.5, 137.7, 1.5);	(407387.5, 3758287.5, 134.7, 1.5);
(407387.5, 3758262.5, 131.3, 1.5);	(407387.5, 3758237.5, 128.0, 1.5);
(407387.5, 3758212.5, 124.6, 1.5);	(407387.5, 3758187.5, 120.2, 1.5);
(407387.5, 3758162.5, 120.3, 1.5);	(407387.5, 3758137.5, 121.3, 1.5);
(407412.5, 3758512.5, 151.2, 1.5);	(407412.5, 3758487.5, 150.9, 1.5);
(407412.5, 3758462.5, 148.6, 1.5);	(407412.5, 3758437.5, 145.9, 1.5);
(407412.5, 3758412.5, 145.0, 1.5);	(407412.5, 3758387.5, 145.0, 1.5);
(407412.5, 3758362.5, 142.9, 1.5);	(407412.5, 3758337.5, 140.9, 1.5);
(407412.5, 3758312.5, 139.7, 1.5);	(407412.5, 3758287.5, 136.5, 1.5);
(407412.5, 3758262.5, 133.6, 1.5);	(407412.5, 3758237.5, 129.5, 1.5);
(407412.5, 3758212.5, 125.4, 1.5);	(407412.5, 3758187.5, 121.8, 1.5);
(407412.5, 3758162.5, 120.4, 1.5);	(407412.5, 3758137.5, 119.0, 1.5);
(407437.5, 3758512.5, 153.5, 1.5);	(407437.5, 3758487.5, 153.5, 1.5);
(407437.5, 3758462.5, 153.4, 1.5);	(407437.5, 3758437.5, 150.6, 1.5);
(407437.5, 3758412.5, 147.0, 1.5);	(407437.5, 3758387.5, 144.9, 1.5);
(407437.5, 3758362.5, 143.0, 1.5);	(407437.5, 3758337.5, 142.0, 1.5);
(407437.5, 3758312.5, 140.8, 1.5);	(407437.5, 3758287.5, 139.7, 1.5);
(407437.5, 3758262.5, 135.0, 1.5);	(407437.5, 3758237.5, 131.7, 1.5);
(407437.5, 3758212.5, 130.2, 1.5);	(407437.5, 3758187.5, 129.5, 1.5);
(407437.5, 3758162.5, 128.0, 1.5);	(407437.5, 3758137.5, 124.8, 1.5);
(407462.5, 3758512.5, 158.3, 1.5);	(407462.5, 3758487.5, 158.3, 1.5);
(407462.5, 3758462.5, 159.4, 1.5);	(407462.5, 3758437.5, 156.2, 1.5);
(407462.5, 3758412.5, 149.4, 1.5);	(407462.5, 3758387.5, 144.9, 1.5);
(407462.5, 3758362.5, 141.2, 1.5);	(407462.5, 3758337.5, 140.7, 1.5);
(407462.5, 3758312.5, 140.7, 1.5);	(407462.5, 3758287.5, 141.0, 1.5);
(407462.5, 3758262.5, 139.1, 1.5);	(407462.5, 3758237.5, 134.8, 1.5);
(407462.5, 3758212.5, 133.4, 1.5);	(407462.5, 3758187.5, 132.5, 1.5);
(407462.5, 3758162.5, 131.0, 1.5);	(407462.5, 3758137.5, 129.5, 1.5);
(407487.5, 3758512.5, 157.9, 1.5);	(407487.5, 3758487.5, 161.0, 1.5);
(407487.5, 3758462.5, 160.5, 1.5);	(407487.5, 3758437.5, 156.1, 1.5);
(407487.5, 3758412.5, 149.0, 1.5);	(407487.5, 3758387.5, 144.1, 1.5);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK HR NOx emissions

07/29/11

**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

Appendix B

NOx Peak Hour Emissions Unmitigated

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(407487.5, 3758362.5, 140.8, 1.5);	(407487.5, 3758337.5, 140.0, 1.5);
(407487.5, 3758312.5, 140.0, 1.5);	(407487.5, 3758287.5, 140.8, 1.5);
(407487.5, 3758262.5, 140.8, 1.5);	(407487.5, 3758237.5, 139.8, 1.5);
(407487.5, 3758212.5, 138.6, 1.5);	(407487.5, 3758187.5, 136.5, 1.5);
(407487.5, 3758162.5, 135.5, 1.5);	(407487.5, 3758137.5, 134.5, 1.5);
(407512.5, 3758512.5, 149.8, 1.5);	(407512.5, 3758487.5, 150.9, 1.5);
(407512.5, 3758462.5, 153.7, 1.5);	(407512.5, 3758437.5, 151.4, 1.5);
(407512.5, 3758412.5, 146.0, 1.5);	(407512.5, 3758387.5, 142.6, 1.5);
(407512.5, 3758362.5, 140.8, 1.5);	(407512.5, 3758337.5, 142.3, 1.5);
(407512.5, 3758312.5, 142.4, 1.5);	(407512.5, 3758287.5, 142.3, 1.5);
(407512.5, 3758262.5, 142.3, 1.5);	(407512.5, 3758237.5, 141.2, 1.5);
(407512.5, 3758212.5, 141.2, 1.5);	(407512.5, 3758187.5, 140.5, 1.5);
(407512.5, 3758162.5, 140.0, 1.5);	(407512.5, 3758137.5, 138.3, 1.5);
(407537.5, 3758512.5, 0.0, 1.5);	(407537.5, 3758487.5, 0.0, 1.5);
(407537.5, 3758462.5, 0.0, 1.5);	(407537.5, 3758437.5, 0.0, 1.5);
(407537.5, 3758412.5, 0.0, 1.5);	(407537.5, 3758387.5, 0.0, 1.5);
(407537.5, 3758362.5, 0.0, 1.5);	(407537.5, 3758337.5, 0.0, 1.5);
(407537.5, 3758312.5, 0.0, 1.5);	(407537.5, 3758287.5, 0.0, 1.5);
(407537.5, 3758262.5, 0.0, 1.5);	(407537.5, 3758237.5, 0.0, 1.5);
(407537.5, 3758212.5, 0.0, 1.5);	(407537.5, 3758187.5, 0.0, 1.5);
(407537.5, 3758162.5, 0.0, 1.5);	(407537.5, 3758137.5, 0.0, 1.5);
(407562.5, 3758512.5, 0.0, 1.5);	(407562.5, 3758487.5, 0.0, 1.5);
(407562.5, 3758462.5, 0.0, 1.5);	(407562.5, 3758437.5, 0.0, 1.5);
(407562.5, 3758412.5, 0.0, 1.5);	(407562.5, 3758387.5, 0.0, 1.5);
(407562.5, 3758362.5, 0.0, 1.5);	(407562.5, 3758337.5, 0.0, 1.5);
(407562.5, 3758312.5, 0.0, 1.5);	(407562.5, 3758287.5, 0.0, 1.5);
(407562.5, 3758262.5, 0.0, 1.5);	(407562.5, 3758237.5, 0.0, 1.5);
(407562.5, 3758212.5, 0.0, 1.5);	(407562.5, 3758187.5, 0.0, 1.5);
(407562.5, 3758162.5, 0.0, 1.5);	(407562.5, 3758137.5, 0.0, 1.5);
(407587.5, 3758512.5, 0.0, 1.5);	(407587.5, 3758487.5, 0.0, 1.5);
(407587.5, 3758462.5, 0.0, 1.5);	(407587.5, 3758437.5, 0.0, 1.5);
(407587.5, 3758412.5, 0.0, 1.5);	(407587.5, 3758387.5, 0.0, 1.5);
(407587.5, 3758362.5, 0.0, 1.5);	(407587.5, 3758337.5, 0.0, 1.5);
(407587.5, 3758312.5, 0.0, 1.5);	(407587.5, 3758287.5, 0.0, 1.5);
(407587.5, 3758262.5, 0.0, 1.5);	(407587.5, 3758237.5, 0.0, 1.5);
(407587.5, 3758212.5, 0.0, 1.5);	(407587.5, 3758187.5, 0.0, 1.5);
(407587.5, 3758162.5, 0.0, 1.5);	(407587.5, 3758137.5, 0.0, 1.5);
(407612.5, 3758512.5, 0.0, 1.5);	(407612.5, 3758487.5, 0.0, 1.5);
(407612.5, 3758462.5, 0.0, 1.5);	(407612.5, 3758437.5, 0.0, 1.5);
(407612.5, 3758412.5, 0.0, 1.5);	(407612.5, 3758387.5, 0.0, 1.5);
(407612.5, 3758362.5, 0.0, 1.5);	(407612.5, 3758337.5, 0.0, 1.5);
(407612.5, 3758312.5, 0.0, 1.5);	(407612.5, 3758287.5, 0.0, 1.5);
(407612.5, 3758262.5, 0.0, 1.5);	(407612.5, 3758237.5, 0.0, 1.5);
(407612.5, 3758212.5, 0.0, 1.5);	(407612.5, 3758187.5, 0.0, 1.5);
(407612.5, 3758162.5, 0.0, 1.5);	(407612.5, 3758137.5, 0.0, 1.5);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

*** 07/29/11
 *** 11:31:22
 PAGE 23

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

Appendix B

NOx Peak Hour Emissions Unmitigated
 *** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(407637.5, 3758512.5, 0.0, 1.5);	(407637.5, 3758487.5, 0.0, 1.5);
(407637.5, 3758462.5, 0.0, 1.5);	(407637.5, 3758437.5, 0.0, 1.5);
(407637.5, 3758412.5, 0.0, 1.5);	(407637.5, 3758387.5, 0.0, 1.5);
(407637.5, 3758362.5, 0.0, 1.5);	(407637.5, 3758337.5, 0.0, 1.5);
(407637.5, 3758312.5, 0.0, 1.5);	(407637.5, 3758287.5, 0.0, 1.5);
(407637.5, 3758262.5, 0.0, 1.5);	(407637.5, 3758237.5, 0.0, 1.5);
(407637.5, 3758212.5, 0.0, 1.5);	(407637.5, 3758187.5, 0.0, 1.5);
(407637.5, 3758162.5, 0.0, 1.5);	(407637.5, 3758137.5, 0.0, 1.5);
(407662.5, 3758512.5, 0.0, 1.5);	(407662.5, 3758487.5, 0.0, 1.5);
(407662.5, 3758462.5, 0.0, 1.5);	(407662.5, 3758437.5, 0.0, 1.5);
(407662.5, 3758412.5, 0.0, 1.5);	(407662.5, 3758387.5, 0.0, 1.5);
(407662.5, 3758362.5, 0.0, 1.5);	(407662.5, 3758337.5, 0.0, 1.5);
(407662.5, 3758312.5, 0.0, 1.5);	(407662.5, 3758287.5, 0.0, 1.5);
(407662.5, 3758262.5, 0.0, 1.5);	(407662.5, 3758237.5, 0.0, 1.5);
(407662.5, 3758212.5, 0.0, 1.5);	(407662.5, 3758187.5, 0.0, 1.5);
(407662.5, 3758162.5, 0.0, 1.5);	(407662.5, 3758137.5, 0.0, 1.5);
(407687.5, 3758512.5, 0.0, 1.5);	(407687.5, 3758487.5, 0.0, 1.5);
(407687.5, 3758462.5, 0.0, 1.5);	(407687.5, 3758437.5, 0.0, 1.5);
(407687.5, 3758412.5, 0.0, 1.5);	(407687.5, 3758387.5, 0.0, 1.5);
(407687.5, 3758362.5, 0.0, 1.5);	(407687.5, 3758337.5, 0.0, 1.5);
(407687.5, 3758312.5, 0.0, 1.5);	(407687.5, 3758287.5, 0.0, 1.5);
(407687.5, 3758262.5, 0.0, 1.5);	(407687.5, 3758237.5, 0.0, 1.5);
(407687.5, 3758212.5, 0.0, 1.5);	(407687.5, 3758187.5, 0.0, 1.5);
(407687.5, 3758162.5, 0.0, 1.5);	(407687.5, 3758137.5, 0.0, 1.5);
(407712.5, 3758512.5, 0.0, 1.5);	(407712.5, 3758487.5, 0.0, 1.5);
(407712.5, 3758462.5, 0.0, 1.5);	(407712.5, 3758437.5, 0.0, 1.5);
(407712.5, 3758412.5, 0.0, 1.5);	(407712.5, 3758387.5, 0.0, 1.5);
(407712.5, 3758362.5, 0.0, 1.5);	(407712.5, 3758337.5, 0.0, 1.5);
(407712.5, 3758312.5, 0.0, 1.5);	(407712.5, 3758287.5, 0.0, 1.5);
(407712.5, 3758262.5, 0.0, 1.5);	(407712.5, 3758237.5, 0.0, 1.5);
(407712.5, 3758212.5, 0.0, 1.5);	(407712.5, 3758187.5, 0.0, 1.5);
(407712.5, 3758162.5, 0.0, 1.5);	(407712.5, 3758137.5, 0.0, 1.5);
(407737.5, 3758512.5, 0.0, 1.5);	(407737.5, 3758487.5, 0.0, 1.5);
(407737.5, 3758462.5, 0.0, 1.5);	(407737.5, 3758437.5, 0.0, 1.5);
(407737.5, 3758412.5, 0.0, 1.5);	(407737.5, 3758387.5, 0.0, 1.5);
(407737.5, 3758362.5, 0.0, 1.5);	(407737.5, 3758337.5, 0.0, 1.5);
(407737.5, 3758312.5, 0.0, 1.5);	(407737.5, 3758287.5, 0.0, 1.5);
(407737.5, 3758262.5, 0.0, 1.5);	(407737.5, 3758237.5, 0.0, 1.5);
(407737.5, 3758212.5, 0.0, 1.5);	(407737.5, 3758187.5, 0.0, 1.5);
(407737.5, 3758162.5, 0.0, 1.5);	(407737.5, 3758137.5, 0.0, 1.5);
(407762.5, 3758512.5, 0.0, 1.5);	(407762.5, 3758487.5, 0.0, 1.5);
(407762.5, 3758462.5, 0.0, 1.5);	(407762.5, 3758437.5, 0.0, 1.5);
(407762.5, 3758412.5, 0.0, 1.5);	(407762.5, 3758387.5, 0.0, 1.5);
(407762.5, 3758362.5, 0.0, 1.5);	(407762.5, 3758337.5, 0.0, 1.5);
(407762.5, 3758312.5, 0.0, 1.5);	(407762.5, 3758287.5, 0.0, 1.5);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)

Appendix B

NOx Peak Hour Emissions Unmitigated (METERS)

(407762.5, 3758262.5, 0.0, 1.5);	(407762.5, 3758237.5, 0.0, 1.5);
(407762.5, 3758212.5, 0.0, 1.5);	(407762.5, 3758187.5, 0.0, 1.5);
(407762.5, 3758162.5, 0.0, 1.5);	(407762.5, 3758137.5, 0.0, 1.5);
(407787.5, 3758512.5, 0.0, 1.5);	(407787.5, 3758487.5, 0.0, 1.5);
(407787.5, 3758462.5, 0.0, 1.5);	(407787.5, 3758437.5, 0.0, 1.5);
(407787.5, 3758412.5, 0.0, 1.5);	(407787.5, 3758387.5, 0.0, 1.5);
(407787.5, 3758362.5, 0.0, 1.5);	(407787.5, 3758337.5, 0.0, 1.5);
(407787.5, 3758312.5, 0.0, 1.5);	(407787.5, 3758287.5, 0.0, 1.5);
(407787.5, 3758262.5, 0.0, 1.5);	(407787.5, 3758237.5, 0.0, 1.5);
(407787.5, 3758212.5, 0.0, 1.5);	(407787.5, 3758187.5, 0.0, 1.5);
(407787.5, 3758162.5, 0.0, 1.5);	(407787.5, 3758137.5, 0.0, 1.5);
(407812.5, 3758512.5, 0.0, 1.5);	(407812.5, 3758487.5, 0.0, 1.5);
(407812.5, 3758462.5, 0.0, 1.5);	(407812.5, 3758437.5, 0.0, 1.5);
(407812.5, 3758412.5, 0.0, 1.5);	(407812.5, 3758387.5, 0.0, 1.5);
(407812.5, 3758362.5, 0.0, 1.5);	(407812.5, 3758337.5, 0.0, 1.5);
(407812.5, 3758312.5, 0.0, 1.5);	(407812.5, 3758287.5, 0.0, 1.5);
(407812.5, 3758262.5, 0.0, 1.5);	(407812.5, 3758237.5, 0.0, 1.5);
(407812.5, 3758212.5, 0.0, 1.5);	(407812.5, 3758187.5, 0.0, 1.5);
(407812.5, 3758162.5, 0.0, 1.5);	(407812.5, 3758137.5, 0.0, 1.5);
(407837.5, 3758512.5, 0.0, 1.5);	(407837.5, 3758487.5, 0.0, 1.5);
(407837.5, 3758462.5, 0.0, 1.5);	(407837.5, 3758437.5, 0.0, 1.5);
(407837.5, 3758412.5, 0.0, 1.5);	(407837.5, 3758387.5, 0.0, 1.5);
(407837.5, 3758362.5, 0.0, 1.5);	(407837.5, 3758337.5, 0.0, 1.5);
(407837.5, 3758312.5, 0.0, 1.5);	(407837.5, 3758287.5, 0.0, 1.5);
(407837.5, 3758262.5, 0.0, 1.5);	(407837.5, 3758237.5, 0.0, 1.5);
(407837.5, 3758212.5, 0.0, 1.5);	(407837.5, 3758187.5, 0.0, 1.5);
(407837.5, 3758162.5, 0.0, 1.5);	(407837.5, 3758137.5, 0.0, 1.5);
(407862.5, 3758512.5, 0.0, 1.5);	(407862.5, 3758487.5, 0.0, 1.5);
(407862.5, 3758462.5, 0.0, 1.5);	(407862.5, 3758437.5, 0.0, 1.5);
(407862.5, 3758412.5, 0.0, 1.5);	(407862.5, 3758387.5, 0.0, 1.5);
(407862.5, 3758362.5, 0.0, 1.5);	(407862.5, 3758337.5, 0.0, 1.5);
(407862.5, 3758312.5, 0.0, 1.5);	(407862.5, 3758287.5, 0.0, 1.5);
(407862.5, 3758262.5, 0.0, 1.5);	(407862.5, 3758237.5, 0.0, 1.5);
(407862.5, 3758212.5, 0.0, 1.5);	(407862.5, 3758187.5, 0.0, 1.5);
(407862.5, 3758162.5, 0.0, 1.5);	(407862.5, 3758137.5, 0.0, 1.5);
(407887.5, 3758512.5, 0.0, 1.5);	(407887.5, 3758487.5, 0.0, 1.5);
(407887.5, 3758462.5, 0.0, 1.5);	(407887.5, 3758437.5, 0.0, 1.5);
(407887.5, 3758412.5, 0.0, 1.5);	(407887.5, 3758387.5, 0.0, 1.5);
(407887.5, 3758362.5, 0.0, 1.5);	(407887.5, 3758337.5, 0.0, 1.5);
(407887.5, 3758312.5, 0.0, 1.5);	(407887.5, 3758287.5, 0.0, 1.5);
(407887.5, 3758262.5, 0.0, 1.5);	(407887.5, 3758237.5, 0.0, 1.5);
(407887.5, 3758212.5, 0.0, 1.5);	(407887.5, 3758187.5, 0.0, 1.5);
(407887.5, 3758162.5, 0.0, 1.5);	(407887.5, 3758137.5, 0.0, 1.5);
(407912.5, 3758512.5, 0.0, 1.5);	(407912.5, 3758487.5, 0.0, 1.5);
(407912.5, 3758462.5, 0.0, 1.5);	(407912.5, 3758437.5, 0.0, 1.5);

• *** IS CST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, Z-ELEV, ZFLAG)
(METERS)

Appendix B

		NOx Peak Hour Emissions Unmitigated			
(407912.5, 3758412.5,	0.0,	1.5);	(407912.5, 3758387.5,	0.0,	1.5);
(407912.5, 3758362.5,	0.0,	1.5);	(407912.5, 3758337.5,	0.0,	1.5);
(407912.5, 3758312.5,	0.0,	1.5);	(407912.5, 3758287.5,	0.0,	1.5);
(407912.5, 3758262.5,	0.0,	1.5);	(407912.5, 3758237.5,	0.0,	1.5);
(407912.5, 3758212.5,	0.0,	1.5);	(407912.5, 3758187.5,	0.0,	1.5);
(407912.5, 3758162.5,	0.0,	1.5);	(407912.5, 3758137.5,	0.0,	1.5);
(407937.5, 3758512.5,	0.0,	1.5);	(407937.5, 3758487.5,	0.0,	1.5);
(407937.5, 3758462.5,	0.0,	1.5);	(407937.5, 3758437.5,	0.0,	1.5);
(407937.5, 3758412.5,	0.0,	1.5);	(407937.5, 3758387.5,	0.0,	1.5);
(407937.5, 3758362.5,	0.0,	1.5);	(407937.5, 3758337.5,	0.0,	1.5);
(407937.5, 3758312.5,	0.0,	1.5);	(407937.5, 3758287.5,	0.0,	1.5);
(407937.5, 3758262.5,	0.0,	1.5);	(407937.5, 3758237.5,	0.0,	1.5);
(407937.5, 3758212.5,	0.0,	1.5);	(407937.5, 3758187.5,	0.0,	1.5);
(407937.5, 3758162.5,	0.0,	1.5);	(407937.5, 3758137.5,	0.0,	1.5);
(407962.5, 3758512.5,	0.0,	1.5);	(407962.5, 3758487.5,	0.0,	1.5);
(407962.5, 3758462.5,	0.0,	1.5);	(407962.5, 3758437.5,	0.0,	1.5);
(407962.5, 3758412.5,	0.0,	1.5);	(407962.5, 3758387.5,	0.0,	1.5);
(407962.5, 3758362.5,	0.0,	1.5);	(407962.5, 3758337.5,	0.0,	1.5);
(407962.5, 3758312.5,	0.0,	1.5);	(407962.5, 3758287.5,	0.0,	1.5);
(407962.5, 3758262.5,	0.0,	1.5);	(407962.5, 3758237.5,	0.0,	1.5);
(407962.5, 3758212.5,	0.0,	1.5);	(407962.5, 3758187.5,	0.0,	1.5);
(407962.5, 3758162.5,	0.0,	1.5);	(407962.5, 3758137.5,	0.0,	1.5);
(407987.5, 3758512.5,	0.0,	1.5);	(407987.5, 3758487.5,	0.0,	1.5);
(407987.5, 3758462.5,	0.0,	1.5);	(407987.5, 3758437.5,	0.0,	1.5);
(407987.5, 3758412.5,	0.0,	1.5);	(407987.5, 3758387.5,	0.0,	1.5);
(407987.5, 3758362.5,	0.0,	1.5);	(407987.5, 3758337.5,	0.0,	1.5);
(407987.5, 3758312.5,	0.0,	1.5);	(407987.5, 3758287.5,	0.0,	1.5);
(407987.5, 3758262.5,	0.0,	1.5);	(407987.5, 3758237.5,	0.0,	1.5);
(407987.5, 3758212.5,	0.0,	1.5);	(407987.5, 3758187.5,	0.0,	1.5);
(407987.5, 3758162.5,	0.0,	1.5);	(407987.5, 3758137.5,	0.0,	1.5);
(408012.5, 3758512.5,	0.0,	1.5);	(408012.5, 3758487.5,	0.0,	1.5);
(408012.5, 3758462.5,	0.0,	1.5);	(408012.5, 3758437.5,	0.0,	1.5);
(408012.5, 3758412.5,	0.0,	1.5);	(408012.5, 3758387.5,	0.0,	1.5);
(408012.5, 3758362.5,	0.0,	1.5);	(408012.5, 3758337.5,	0.0,	1.5);
(408012.5, 3758312.5,	0.0,	1.5);	(408012.5, 3758287.5,	0.0,	1.5);
(408012.5, 3758262.5,	0.0,	1.5);	(408012.5, 3758237.5,	0.0,	1.5);
(408012.5, 3758212.5,	0.0,	1.5);	(408012.5, 3758187.5,	0.0,	1.5);
(408012.5, 3758162.5,	0.0,	1.5);	(408012.5, 3758137.5,	0.0,	1.5);
(408037.5, 3758512.5,	0.0,	1.5);	(408037.5, 3758487.5,	0.0,	1.5);
(408037.5, 3758462.5,	0.0,	1.5);	(408037.5, 3758437.5,	0.0,	1.5);
(408037.5, 3758412.5,	0.0,	1.5);	(408037.5, 3758387.5,	0.0,	1.5);
(408037.5, 3758362.5,	0.0,	1.5);	(408037.5, 3758337.5,	0.0,	1.5);
(408037.5, 3758312.5,	0.0,	1.5);	(408037.5, 3758287.5,	0.0,	1.5);
(408037.5, 3758262.5,	0.0,	1.5);	(408037.5, 3758237.5,	0.0,	1.5);
(408037.5, 3758212.5,	0.0,	1.5);	(408037.5, 3758187.5,	0.0,	1.5);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
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URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(408037.5, 3758162.5,	0.0,	1.5);	(408037.5, 3758137.5,	0.0,	1.5);
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Appendix B

		NOx Peak Hour Emissions Unmitigated			
(408062.5, 3758512.5,	0.0,	1.5);	(408062.5, 3758487.5,	0.0,	1.5);
(408062.5, 3758462.5,	0.0,	1.5);	(408062.5, 3758437.5,	0.0,	1.5);
(408062.5, 3758412.5,	0.0,	1.5);	(408062.5, 3758387.5,	0.0,	1.5);
(408062.5, 3758362.5,	0.0,	1.5);	(408062.5, 3758337.5,	0.0,	1.5);
(408062.5, 3758312.5,	0.0,	1.5);	(408062.5, 3758287.5,	0.0,	1.5);
(408062.5, 3758262.5,	0.0,	1.5);	(408062.5, 3758237.5,	0.0,	1.5);
(408062.5, 3758212.5,	0.0,	1.5);	(408062.5, 3758187.5,	0.0,	1.5);
(408062.5, 3758162.5,	0.0,	1.5);	(408062.5, 3758137.5,	0.0,	1.5);
(408087.5, 3758512.5,	0.0,	1.5);	(408087.5, 3758487.5,	0.0,	1.5);
(408087.5, 3758462.5,	0.0,	1.5);	(408087.5, 3758437.5,	0.0,	1.5);
(408087.5, 3758412.5,	0.0,	1.5);	(408087.5, 3758387.5,	0.0,	1.5);
(408087.5, 3758362.5,	0.0,	1.5);	(408087.5, 3758337.5,	0.0,	1.5);
(408087.5, 3758312.5,	0.0,	1.5);	(408087.5, 3758287.5,	0.0,	1.5);
(408087.5, 3758262.5,	0.0,	1.5);	(408087.5, 3758237.5,	0.0,	1.5);
(408087.5, 3758212.5,	0.0,	1.5);	(408087.5, 3758187.5,	0.0,	1.5);
(408087.5, 3758162.5,	0.0,	1.5);	(408087.5, 3758137.5,	0.0,	1.5);
(408112.5, 3758512.5,	0.0,	1.5);	(408112.5, 3758487.5,	0.0,	1.5);
(408112.5, 3758462.5,	0.0,	1.5);	(408112.5, 3758437.5,	0.0,	1.5);
(408112.5, 3758412.5,	0.0,	1.5);	(408112.5, 3758387.5,	0.0,	1.5);
(408112.5, 3758362.5,	0.0,	1.5);	(408112.5, 3758337.5,	0.0,	1.5);
(408112.5, 3758312.5,	0.0,	1.5);	(408112.5, 3758287.5,	0.0,	1.5);
(408112.5, 3758262.5,	0.0,	1.5);	(408112.5, 3758237.5,	0.0,	1.5);
(408112.5, 3758212.5,	0.0,	1.5);	(408112.5, 3758187.5,	0.0,	1.5);
(408112.5, 3758162.5,	0.0,	1.5);	(408112.5, 3758137.5,	0.0,	1.5);
(405962.5, 3758562.5,	93.0,	1.5);	(406012.5, 3758562.5,	94.6,	1.5);
(406062.5, 3758562.5,	95.6,	1.5);	(406112.5, 3758562.5,	97.0,	1.5);
(406162.5, 3758562.5,	98.3,	1.5);	(406212.5, 3758562.5,	100.1,	1.5);
(406262.5, 3758562.5,	102.3,	1.5);	(406312.5, 3758562.5,	104.1,	1.5);
(406362.5, 3758562.5,	105.2,	1.5);	(406412.5, 3758562.5,	107.0,	1.5);
(406462.5, 3758562.5,	108.1,	1.5);	(405962.5, 3760012.5,	228.9,	1.5);
(405962.5, 3759962.5,	226.7,	1.5);	(405962.5, 3759912.5,	220.6,	1.5);
(405962.5, 3759862.5,	203.9,	1.5);	(405962.5, 3759812.5,	193.4,	1.5);
(405962.5, 3759762.5,	189.1,	1.5);	(405962.5, 3759712.5,	171.9,	1.5);
(405962.5, 3759662.5,	164.7,	1.5);	(405962.5, 3759612.5,	159.7,	1.5);
(405962.5, 3759562.5,	157.0,	1.5);	(405962.5, 3759512.5,	160.4,	1.5);
(405962.5, 3759462.5,	159.7,	1.5);	(405962.5, 3759412.5,	153.9,	1.5);
(405962.5, 3759362.5,	143.8,	1.5);	(405962.5, 3759312.5,	134.1,	1.5);
(405962.5, 3759262.5,	124.2,	1.5);	(405962.5, 3759212.5,	116.4,	1.5);
(405962.5, 3759162.5,	114.5,	1.5);	(405962.5, 3759112.5,	112.4,	1.5);
(405962.5, 3759062.5,	110.0,	1.5);	(405962.5, 3759012.5,	108.6,	1.5);
(405962.5, 3758962.5,	107.3,	1.5);	(405962.5, 3758912.5,	105.1,	1.5);
(405962.5, 3758862.5,	103.6,	1.5);	(405962.5, 3758812.5,	102.0,	1.5);
(405962.5, 3758762.5,	99.6,	1.5);	(405962.5, 3758712.5,	98.0,	1.5);
(405962.5, 3758662.5,	96.1,	1.5);	(405962.5, 3758612.5,	95.0,	1.5);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406012.5, 3760012.5,	227.1,	1.5);	(406012.5, 3759962.5,	216.2,	1.5);
(406012.5, 3759912.5,	200.3,	1.5);	(406012.5, 3759862.5,	198.9,	1.5);

Appendix B

		NOx Peak Hour Emissions Unmitigated			
(406012.5, 3759812.5,	192.1,	1.5);	(406012.5, 3759762.5,	189.3,	1.5);
(406012.5, 3759712.5,	185.9,	1.5);	(406012.5, 3759662.5,	166.7,	1.5);
(406012.5, 3759612.5,	163.4,	1.5);	(406012.5, 3759562.5,	160.7,	1.5);
(406012.5, 3759512.5,	160.8,	1.5);	(406012.5, 3759462.5,	155.5,	1.5);
(406012.5, 3759412.5,	147.6,	1.5);	(406012.5, 3759362.5,	141.4,	1.5);
(406012.5, 3759312.5,	133.4,	1.5);	(406012.5, 3759262.5,	127.0,	1.5);
(406012.5, 3759212.5,	116.9,	1.5);	(406012.5, 3759162.5,	116.0,	1.5);
(406012.5, 3759112.5,	114.1,	1.5);	(406012.5, 3759062.5,	111.6,	1.5);
(406012.5, 3759012.5,	109.6,	1.5);	(406012.5, 3758962.5,	109.1,	1.5);
(406012.5, 3758912.5,	107.1,	1.5);	(406012.5, 3758862.5,	104.5,	1.5);
(406012.5, 3758812.5,	102.6,	1.5);	(406012.5, 3758762.5,	101.1,	1.5);
(406012.5, 3758712.5,	99.0,	1.5);	(406012.5, 3758662.5,	97.0,	1.5);
(406012.5, 3758612.5,	95.6,	1.5);	(406062.5, 3760012.5,	211.4,	1.5);
(406062.5, 3759812.5,	167.0,	1.5);	(406062.5, 3759762.5,	164.6,	1.5);
(406062.5, 3759712.5,	168.0,	1.5);	(406062.5, 3759662.5,	160.9,	1.5);
(406062.5, 3759612.5,	160.0,	1.5);	(406062.5, 3759562.5,	151.0,	1.5);
(406062.5, 3759512.5,	143.5,	1.5);	(406062.5, 3759462.5,	141.4,	1.5);
(406062.5, 3759412.5,	136.6,	1.5);	(406062.5, 3759362.5,	131.2,	1.5);
(406062.5, 3759312.5,	129.1,	1.5);	(406062.5, 3759262.5,	120.6,	1.5);
(406062.5, 3759212.5,	119.6,	1.5);	(406062.5, 3759162.5,	118.0,	1.5);
(406062.5, 3759112.5,	116.0,	1.5);	(406062.5, 3759062.5,	114.0,	1.5);
(406062.5, 3759012.5,	112.3,	1.5);	(406062.5, 3758962.5,	111.0,	1.5);
(406062.5, 3758912.5,	108.6,	1.5);	(406062.5, 3758862.5,	106.3,	1.5);
(406062.5, 3758812.5,	104.5,	1.5);	(406062.5, 3758762.5,	102.1,	1.5);
(406062.5, 3758712.5,	100.1,	1.5);	(406062.5, 3758662.5,	98.1,	1.5);
(406062.5, 3758612.5,	97.0,	1.5);	(406112.5, 3760012.5,	187.6,	1.5);
(406112.5, 3759812.5,	147.9,	1.5);	(406112.5, 3759762.5,	147.3,	1.5);
(406112.5, 3759712.5,	145.7,	1.5);	(406112.5, 3759662.5,	143.9,	1.5);
(406112.5, 3759612.5,	143.0,	1.5);	(406112.5, 3759562.5,	142.0,	1.5);
(406112.5, 3759512.5,	140.7,	1.5);	(406112.5, 3759462.5,	131.5,	1.5);
(406112.5, 3759412.5,	128.7,	1.5);	(406112.5, 3759362.5,	127.5,	1.5);
(406112.5, 3759312.5,	127.3,	1.5);	(406112.5, 3759262.5,	125.7,	1.5);
(406112.5, 3759212.5,	122.1,	1.5);	(406112.5, 3759162.5,	120.1,	1.5);
(406112.5, 3759112.5,	118.1,	1.5);	(406112.5, 3759062.5,	116.0,	1.5);
(406112.5, 3759012.5,	115.0,	1.5);	(406112.5, 3758962.5,	112.6,	1.5);
(406112.5, 3758912.5,	110.6,	1.5);	(406112.5, 3758862.5,	108.6,	1.5);
(406112.5, 3758812.5,	106.0,	1.5);	(406112.5, 3758762.5,	103.6,	1.5);
(406112.5, 3758712.5,	101.6,	1.5);	(406112.5, 3758662.5,	99.6,	1.5);
(406112.5, 3758612.5,	98.0,	1.5);	(406162.5, 3760012.5,	159.1,	1.5);
(406162.5, 3759812.5,	152.2,	1.5);	(406162.5, 3759462.5,	135.8,	1.5);
(406162.5, 3759412.5,	139.3,	1.5);	(406162.5, 3759362.5,	137.3,	1.5);
(406162.5, 3759312.5,	136.2,	1.5);	(406162.5, 3759262.5,	128.6,	1.5);
(406162.5, 3759212.5,	124.6,	1.5);	(406162.5, 3759162.5,	122.1,	1.5);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406162.5, 3759112.5,	120.0,	1.5);	(406162.5, 3759062.5,	118.0,	1.5);
(406162.5, 3759012.5,	116.6,	1.5);	(406162.5, 3758962.5,	115.1,	1.5);
(406162.5, 3758912.5,	112.0,	1.5);	(406162.5, 3758862.5,	110.0,	1.5);

Appendix B

		NOx Peak Hour Emissions Unmitigated			
(406162.5, 3758812.5,	107.4,	1.5);	(406162.5, 3758762.5,	104.6,	1.5);
(406162.5, 3758712.5,	102.4,	1.5);	(406162.5, 3758662.5,	101.0,	1.5);
(406162.5, 3758612.5,	99.2,	1.5);	(406212.5, 3759412.5,	147.3,	1.5);
(406212.5, 3759362.5,	144.6,	1.5);	(406212.5, 3759312.5,	138.4,	1.5);
(406212.5, 3759262.5,	132.1,	1.5);	(406212.5, 3759212.5,	126.6,	1.5);
(406212.5, 3759162.5,	123.6,	1.5);	(406212.5, 3759112.5,	121.6,	1.5);
(406212.5, 3759062.5,	120.0,	1.5);	(406212.5, 3759012.5,	117.6,	1.5);
(406212.5, 3758962.5,	116.0,	1.5);	(406212.5, 3758912.5,	113.1,	1.5);
(406212.5, 3758862.5,	110.6,	1.5);	(406212.5, 3758812.5,	108.4,	1.5);
(406212.5, 3758762.5,	105.1,	1.5);	(406212.5, 3758712.5,	103.1,	1.5);
(406212.5, 3758662.5,	102.0,	1.5);	(406212.5, 3758612.5,	101.1,	1.5);
(406262.5, 3759412.5,	152.2,	1.5);	(406262.5, 3759362.5,	144.2,	1.5);
(406262.5, 3759312.5,	138.1,	1.5);	(406262.5, 3759262.5,	134.1,	1.5);
(406262.5, 3759212.5,	128.4,	1.5);	(406262.5, 3759162.5,	125.5,	1.5);
(406262.5, 3759112.5,	123.0,	1.5);	(406262.5, 3759062.5,	121.0,	1.5);
(406262.5, 3759012.5,	118.0,	1.5);	(406262.5, 3758962.5,	116.0,	1.5);
(406262.5, 3758912.5,	113.4,	1.5);	(406262.5, 3758862.5,	110.5,	1.5);
(406262.5, 3758812.5,	108.4,	1.5);	(406262.5, 3758762.5,	106.0,	1.5);
(406262.5, 3758712.5,	104.6,	1.5);	(406262.5, 3758662.5,	103.1,	1.5);
(406262.5, 3758612.5,	102.6,	1.5);	(406312.5, 3759412.5,	155.0,	1.5);
(406312.5, 3759362.5,	149.0,	1.5);	(406312.5, 3759312.5,	139.7,	1.5);
(406312.5, 3759262.5,	135.5,	1.5);	(406312.5, 3759212.5,	130.5,	1.5);
(406312.5, 3759162.5,	126.6,	1.5);	(406312.5, 3759112.5,	123.4,	1.5);
(406312.5, 3759062.5,	121.0,	1.5);	(406312.5, 3759012.5,	118.4,	1.5);
(406312.5, 3758962.5,	115.5,	1.5);	(406312.5, 3758912.5,	113.0,	1.5);
(406312.5, 3758862.5,	111.0,	1.5);	(406312.5, 3758812.5,	109.0,	1.5);
(406312.5, 3758762.5,	107.0,	1.5);	(406312.5, 3758712.5,	105.1,	1.5);
(406312.5, 3758662.5,	104.6,	1.5);	(406312.5, 3758612.5,	104.2,	1.5);
(406362.5, 3759412.5,	148.7,	1.5);	(406362.5, 3759362.5,	146.9,	1.5);
(406362.5, 3759312.5,	139.4,	1.5);	(406362.5, 3759262.5,	134.3,	1.5);
(406362.5, 3759212.5,	131.0,	1.5);	(406362.5, 3759162.5,	127.1,	1.5);
(406362.5, 3759112.5,	124.1,	1.5);	(406362.5, 3759062.5,	121.4,	1.5);
(406362.5, 3759012.5,	118.6,	1.5);	(406362.5, 3758962.5,	116.0,	1.5);
(406362.5, 3758912.5,	113.4,	1.5);	(406362.5, 3758862.5,	110.3,	1.5);
(406362.5, 3758812.5,	108.7,	1.5);	(406362.5, 3758762.5,	107.6,	1.5);
(406362.5, 3758712.5,	107.0,	1.5);	(406362.5, 3758662.5,	106.6,	1.5);
(406362.5, 3758612.5,	106.0,	1.5);	(406412.5, 3759312.5,	138.0,	1.5);
(406412.5, 3759262.5,	135.0,	1.5);	(406412.5, 3759212.5,	131.6,	1.5);
(406412.5, 3759162.5,	127.4,	1.5);	(406412.5, 3759112.5,	124.4,	1.5);
(406412.5, 3759062.5,	121.8,	1.5);	(406412.5, 3759012.5,	119.5,	1.5);
(406412.5, 3758962.5,	116.4,	1.5);	(406412.5, 3758912.5,	113.4,	1.5);
(406412.5, 3758862.5,	109.3,	1.5);	(406412.5, 3758812.5,	108.6,	1.5);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406412.5, 3758762.5,	108.6,	1.5);	(406412.5, 3758712.5,	109.0,	1.5);
(406412.5, 3758662.5,	109.0,	1.5);	(406412.5, 3758612.5,	108.0,	1.5);
(406462.5, 3759312.5,	138.0,	1.5);	(406462.5, 3759262.5,	135.1,	1.5);
(406462.5, 3759212.5,	131.4,	1.5);	(406462.5, 3759162.5,	127.4,	1.5);

Appendix B

		NOx Peak Hour Emissions Unmitigated			
(406462.5, 3759112.5,	124.4,	1.5);	(406462.5, 3759062.5,	121.0,	1.5);
(406462.5, 3759012.5,	119.5,	1.5);	(406462.5, 3758962.5,	117.1,	1.5);
(406462.5, 3758912.5,	114.7,	1.5);	(406462.5, 3758862.5,	110.2,	1.5);
(406462.5, 3758812.5,	109.6,	1.5);	(406462.5, 3758762.5,	110.6,	1.5);
(406462.5, 3758712.5,	110.6,	1.5);	(406462.5, 3758662.5,	110.0,	1.5);
(406462.5, 3758612.5,	109.0,	1.5);	(406512.5, 3759262.5,	136.0,	1.5);
(406512.5, 3759212.5,	132.1,	1.5);	(406512.5, 3759162.5,	127.4,	1.5);
(406512.5, 3759112.5,	125.0,	1.5);	(406512.5, 3759062.5,	122.6,	1.5);
(406512.5, 3759012.5,	120.1,	1.5);	(406512.5, 3758962.5,	117.3,	1.5);
(406512.5, 3758912.5,	115.5,	1.5);	(406512.5, 3758862.5,	113.3,	1.5);
(406512.5, 3758812.5,	114.2,	1.5);	(406512.5, 3758762.5,	113.6,	1.5);
(406512.5, 3758712.5,	113.0,	1.5);	(406512.5, 3758662.5,	112.0,	1.5);
(406512.5, 3758612.5,	110.6,	1.5);	(406537.5, 3758562.5,	110.0,	1.5);
(406562.5, 3759262.5,	137.4,	1.5);	(406562.5, 3759212.5,	133.6,	1.5);
(406562.5, 3759162.5,	129.7,	1.5);	(406562.5, 3759112.5,	126.6,	1.5);
(406562.5, 3759062.5,	124.0,	1.5);	(406562.5, 3759012.5,	121.4,	1.5);
(406562.5, 3758962.5,	116.7,	1.5);	(406562.5, 3758912.5,	116.3,	1.5);
(406562.5, 3758862.5,	117.3,	1.5);	(406562.5, 3758812.5,	117.0,	1.5);
(406562.5, 3758762.5,	116.0,	1.5);	(406562.5, 3758712.5,	115.0,	1.5);
(406562.5, 3758662.5,	113.6,	1.5);	(406562.5, 3758612.5,	112.0,	1.5);
(406587.5, 3758562.5,	110.5,	1.5);	(406612.5, 3759212.5,	136.4,	1.5);
(406612.5, 3759162.5,	132.6,	1.5);	(406612.5, 3759112.5,	128.6,	1.5);
(406612.5, 3759062.5,	125.5,	1.5);	(406612.5, 3759012.5,	121.4,	1.5);
(406612.5, 3758962.5,	121.1,	1.5);	(406612.5, 3758912.5,	121.1,	1.5);
(406612.5, 3758862.5,	120.6,	1.5);	(406612.5, 3758812.5,	119.1,	1.5);
(406612.5, 3758762.5,	117.4,	1.5);	(406612.5, 3758712.5,	116.1,	1.5);
(406612.5, 3758662.5,	114.5,	1.5);	(406637.5, 3758562.5,	110.0,	1.5);
(406662.5, 3759162.5,	133.4,	1.5);	(406662.5, 3759112.5,	128.8,	1.5);
(406662.5, 3759062.5,	127.1,	1.5);	(406662.5, 3759012.5,	124.2,	1.5);
(406662.5, 3758962.5,	124.8,	1.5);	(406662.5, 3758912.5,	124.1,	1.5);
(406662.5, 3758862.5,	122.6,	1.5);	(406662.5, 3758812.5,	120.5,	1.5);
(406662.5, 3758762.5,	118.0,	1.5);	(406662.5, 3758712.5,	116.0,	1.5);
(406687.5, 3758562.5,	111.2,	1.5);	(406712.5, 3759162.5,	133.4,	1.5);
(406712.5, 3759112.5,	130.2,	1.5);	(406712.5, 3759062.5,	132.9,	1.5);
(406712.5, 3759012.5,	130.1,	1.5);	(406712.5, 3758962.5,	129.0,	1.5);
(406712.5, 3758912.5,	125.5,	1.5);	(406712.5, 3758862.5,	122.3,	1.5);
(406712.5, 3758612.5,	115.6,	1.5);	(406737.5, 3758562.5,	112.0,	1.5);
(406762.5, 3759062.5,	139.6,	1.5);	(406762.5, 3759012.5,	133.6,	1.5);
(406762.5, 3758962.5,	129.4,	1.5);	(406762.5, 3758912.5,	124.9,	1.5);
(406762.5, 3758662.5,	118.8,	1.5);	(406762.5, 3758612.5,	115.3,	1.5);
(406787.5, 3758562.5,	112.9,	1.5);	(406812.5, 3759012.5,	135.9,	1.5);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK HR NOx emissions

*** 07/29/11

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406812.5, 3758962.5,	129.2,	1.5);	(406812.5, 3758712.5,	122.1,	1.5);
(406812.5, 3758662.5,	119.6,	1.5);	(406812.5, 3758612.5,	117.0,	1.5);
(406837.5, 3758562.5,	109.0,	1.5);	(406862.5, 3758762.5,	124.6,	1.5);
(406862.5, 3758712.5,	123.0,	1.5);	(406862.5, 3758662.5,	120.0,	1.5);
(406862.5, 3758612.5,	115.2,	1.5);	(406887.5, 3758562.5,	115.1,	1.5);

Appendix B

		NOx Peak Hour Emissions Unmitigated			
(406912.5, 3758762.5,	125.5,	1.5);	(406912.5, 3758712.5,	121.8,	1.5);
(406912.5, 3758662.5,	118.4,	1.5);	(406912.5, 3758612.5,	112.7,	1.5);
(406937.5, 3758562.5,	116.4,	1.5);	(406962.5, 3758762.5,	125.5,	1.5);
(406962.5, 3758712.5,	121.4,	1.5);	(406962.5, 3758662.5,	117.4,	1.5);
(406962.5, 3758612.5,	116.0,	1.5);	(406987.5, 3758562.5,	119.9,	1.5);
(407012.5, 3758712.5,	122.2,	1.5);	(407012.5, 3758662.5,	115.5,	1.5);
(407012.5, 3758612.5,	117.5,	1.5);	(407037.5, 3758562.5,	121.9,	1.5);
(407062.5, 3758662.5,	115.1,	1.5);	(407062.5, 3758612.5,	120.9,	1.5);
(407087.5, 3758562.5,	124.0,	1.5);	(407112.5, 3758662.5,	120.9,	1.5);
(407112.5, 3758612.5,	124.2,	1.5);	(407137.5, 3758562.5,	127.0,	1.5);
(407162.5, 3758662.5,	128.3,	1.5);	(407162.5, 3758612.5,	127.0,	1.5);
(407187.5, 3758562.5,	134.0,	1.5);	(407212.5, 3758662.5,	132.7,	1.5);
(407212.5, 3758612.5,	134.5,	1.5);	(407237.5, 3758562.5,	139.5,	1.5);
(407262.5, 3758662.5,	137.3,	1.5);	(407262.5, 3758612.5,	137.3,	1.5);
(407287.5, 3758562.5,	140.1,	1.5);	(407312.5, 3758662.5,	142.3,	1.5);
(407312.5, 3758612.5,	141.2,	1.5);	(407337.5, 3758562.5,	144.9,	1.5);
(407362.5, 3758662.5,	147.6,	1.5);	(407362.5, 3758612.5,	146.2,	1.5);
(407387.5, 3758562.5,	149.1,	1.5);	(407412.5, 3758662.5,	151.6,	1.5);
(407412.5, 3758612.5,	152.6,	1.5);	(407437.5, 3758562.5,	154.5,	1.5);
(407462.5, 3758662.5,	153.8,	1.5);	(407462.5, 3758612.5,	154.2,	1.5);
(407487.5, 3758562.5,	152.9,	1.5);	(407512.5, 3758662.5,	147.4,	1.5);
(407512.5, 3758612.5,	145.4,	1.5);	(407537.5, 3758562.5,	0.0,	1.5);
(407562.5, 3758662.5,	0.0,	1.5);	(407562.5, 3758612.5,	0.0,	1.5);
(407587.5, 3758562.5,	0.0,	1.5);	(407612.5, 3758662.5,	0.0,	1.5);
(407612.5, 3758612.5,	0.0,	1.5);	(407637.5, 3758562.5,	0.0,	1.5);
(407662.5, 3758612.5,	0.0,	1.5);	(407687.5, 3758562.5,	0.0,	1.5);
(407712.5, 3758612.5,	0.0,	1.5);	(407737.5, 3758562.5,	0.0,	1.5);
(407762.5, 3758612.5,	0.0,	1.5);	(407787.5, 3758562.5,	0.0,	1.5);
(407812.5, 3758612.5,	0.0,	1.5);	(407837.5, 3758562.5,	0.0,	1.5);
(407862.5, 3758612.5,	0.0,	1.5);	(407887.5, 3758562.5,	0.0,	1.5);
(407912.5, 3758612.5,	0.0,	1.5);	(407937.5, 3758562.5,	0.0,	1.5);
(407962.5, 3758612.5,	0.0,	1.5);	(407987.5, 3758562.5,	0.0,	1.5);
(408012.5, 3758612.5,	0.0,	1.5);	(408037.5, 3758562.5,	0.0,	1.5);
(408062.5, 3758612.5,	0.0,	1.5);	(408087.5, 3758562.5,	0.0,	1.5);
(408112.5, 3758612.5,	0.0,	1.5);	(405962.5, 3758537.5,	92.3,	1.5);
(405987.5, 3758562.5,	93.8,	1.5);	(406037.5, 3758562.5,	95.0,	1.5);
(406087.5, 3758562.5,	96.0,	1.5);	(406137.5, 3758562.5,	97.9,	1.5);
(406187.5, 3758562.5,	99.0,	1.5);	(406237.5, 3758562.5,	101.3,	1.5);
(406287.5, 3758562.5,	103.4,	1.5);	(406337.5, 3758562.5,	105.0,	1.5);
(406387.5, 3758562.5,	106.0,	1.5);	(406437.5, 3758562.5,	107.7,	1.5);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406487.5, 3758562.5,	109.0,	1.5);	(406537.5, 3758537.5,	109.0,	1.5);
(406587.5, 3758537.5,	109.7,	1.5);	(406637.5, 3758537.5,	109.0,	1.5);
(406687.5, 3758537.5,	110.0,	1.5);	(406737.5, 3758537.5,	109.9,	1.5);
(406787.5, 3758537.5,	110.0,	1.5);	(406837.5, 3758537.5,	111.0,	1.5);
(406887.5, 3758537.5,	113.7,	1.5);	(406937.5, 3758537.5,	116.0,	1.5);
(406987.5, 3758537.5,	120.8,	1.5);	(407037.5, 3758537.5,	122.0,	1.5);

Appendix B

		NOx Peak Hour Emissions Unmitigated			
(407087.5, 3758537.5,	124.8,	1.5);	(407137.5, 3758537.5,	128.8,	1.5);
(407187.5, 3758537.5,	137.7,	1.5);	(407237.5, 3758537.5,	141.0,	1.5);
(407287.5, 3758537.5,	143.8,	1.5);	(407337.5, 3758537.5,	147.0,	1.5);
(407387.5, 3758537.5,	148.8,	1.5);	(407437.5, 3758537.5,	153.5,	1.5);
(407487.5, 3758537.5,	155.4,	1.5);	(407537.5, 3758537.5,	0.0,	1.5);
(407587.5, 3758537.5,	0.0,	1.5);	(407637.5, 3758537.5,	0.0,	1.5);
(407687.5, 3758537.5,	0.0,	1.5);	(407737.5, 3758537.5,	0.0,	1.5);
(407787.5, 3758537.5,	0.0,	1.5);	(407837.5, 3758537.5,	0.0,	1.5);
(407887.5, 3758537.5,	0.0,	1.5);	(407937.5, 3758537.5,	0.0,	1.5);
(407987.5, 3758537.5,	0.0,	1.5);	(408037.5, 3758537.5,	0.0,	1.5);
(408087.5, 3758537.5,	0.0,	1.5);	(405962.5, 3759987.5,	229.9,	1.5);
(405962.5, 3759937.5,	223.6,	1.5);	(405962.5, 3759887.5,	214.8,	1.5);
(405962.5, 3759837.5,	195.5,	1.5);	(405962.5, 3759787.5,	191.6,	1.5);
(405962.5, 3759737.5,	188.7,	1.5);	(405962.5, 3759687.5,	167.2,	1.5);
(405962.5, 3759637.5,	162.2,	1.5);	(405962.5, 3759587.5,	157.2,	1.5);
(405962.5, 3759537.5,	159.3,	1.5);	(405962.5, 3759487.5,	159.3,	1.5);
(405962.5, 3759437.5,	157.2,	1.5);	(405962.5, 3759387.5,	148.9,	1.5);
(405962.5, 3759337.5,	138.2,	1.5);	(405962.5, 3759287.5,	128.2,	1.5);
(405962.5, 3759237.5,	120.2,	1.5);	(405962.5, 3759187.5,	115.0,	1.5);
(405962.5, 3759137.5,	113.9,	1.5);	(405962.5, 3759087.5,	112.0,	1.5);
(405962.5, 3759037.5,	109.0,	1.5);	(405962.5, 3758987.5,	108.0,	1.5);
(405962.5, 3758937.5,	106.3,	1.5);	(405962.5, 3758887.5,	104.9,	1.5);
(405962.5, 3758837.5,	103.0,	1.5);	(405962.5, 3758787.5,	100.9,	1.5);
(405962.5, 3758737.5,	98.9,	1.5);	(405962.5, 3758687.5,	97.0,	1.5);
(405962.5, 3758637.5,	95.0,	1.5);	(406012.5, 3759987.5,	224.1,	1.5);
(406012.5, 3759937.5,	203.5,	1.5);	(406012.5, 3759887.5,	201.9,	1.5);
(406012.5, 3759837.5,	196.6,	1.5);	(406012.5, 3759787.5,	190.7,	1.5);
(406012.5, 3759737.5,	190.4,	1.5);	(406012.5, 3759687.5,	169.9,	1.5);
(406012.5, 3759637.5,	165.9,	1.5);	(406012.5, 3759587.5,	161.0,	1.5);
(406012.5, 3759537.5,	161.0,	1.5);	(406012.5, 3759487.5,	159.1,	1.5);
(406012.5, 3759437.5,	150.2,	1.5);	(406012.5, 3759387.5,	146.3,	1.5);
(406012.5, 3759337.5,	137.4,	1.5);	(406012.5, 3759287.5,	129.9,	1.5);
(406012.5, 3759237.5,	121.6,	1.5);	(406012.5, 3759187.5,	116.3,	1.5);
(406012.5, 3759137.5,	115.2,	1.5);	(406012.5, 3759087.5,	113.0,	1.5);
(406012.5, 3759037.5,	110.2,	1.5);	(406012.5, 3758987.5,	110.0,	1.5);
(406012.5, 3758937.5,	108.2,	1.5);	(406012.5, 3758887.5,	105.9,	1.5);
(406012.5, 3758837.5,	103.0,	1.5);	(406012.5, 3758787.5,	102.0,	1.5);
(406012.5, 3758737.5,	99.9,	1.5);	(406012.5, 3758687.5,	98.0,	1.5);
(406012.5, 3758637.5,	96.3,	1.5);	(406062.5, 3759987.5,	209.4,	1.5);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406062.5, 3759837.5,	177.7,	1.5);	(406062.5, 3759787.5,	171.7,	1.5);
(406062.5, 3759737.5,	166.3,	1.5);	(406062.5, 3759687.5,	167.2,	1.5);
(406062.5, 3759637.5,	161.1,	1.5);	(406062.5, 3759587.5,	157.8,	1.5);
(406062.5, 3759537.5,	146.4,	1.5);	(406062.5, 3759487.5,	142.0,	1.5);
(406062.5, 3759437.5,	138.4,	1.5);	(406062.5, 3759387.5,	133.4,	1.5);
(406062.5, 3759337.5,	129.4,	1.5);	(406062.5, 3759287.5,	126.4,	1.5);
(406062.5, 3759237.5,	120.0,	1.5);	(406062.5, 3759187.5,	119.0,	1.5);

Appendix B

		NOx Peak Hour Emissions Unmitigated			
(406062.5, 3759137.5,	117.0,	1.5);	(406062.5, 3759087.5,	114.9,	1.5);
(406062.5, 3759037.5,	113.0,	1.5);	(406062.5, 3758987.5,	112.0,	1.5);
(406062.5, 3758937.5,	109.0,	1.5);	(406062.5, 3758887.5,	107.3,	1.5);
(406062.5, 3758837.5,	105.0,	1.5);	(406062.5, 3758787.5,	103.0,	1.5);
(406062.5, 3758737.5,	101.3,	1.5);	(406062.5, 3758687.5,	99.0,	1.5);
(406062.5, 3758637.5,	98.0,	1.5);	(406112.5, 3759987.5,	180.6,	1.5);
(406112.5, 3759837.5,	149.0,	1.5);	(406112.5, 3759787.5,	147.9,	1.5);
(406112.5, 3759737.5,	145.7,	1.5);	(406112.5, 3759687.5,	145.0,	1.5);
(406112.5, 3759637.5,	143.0,	1.5);	(406112.5, 3759587.5,	143.0,	1.5);
(406112.5, 3759537.5,	141.7,	1.5);	(406112.5, 3759487.5,	136.8,	1.5);
(406112.5, 3759437.5,	129.9,	1.5);	(406112.5, 3759387.5,	127.3,	1.5);
(406112.5, 3759337.5,	128.5,	1.5);	(406112.5, 3759287.5,	127.5,	1.5);
(406112.5, 3759237.5,	123.2,	1.5);	(406112.5, 3759187.5,	121.2,	1.5);
(406112.5, 3759137.5,	119.0,	1.5);	(406112.5, 3759087.5,	117.0,	1.5);
(406112.5, 3759037.5,	115.2,	1.5);	(406112.5, 3758987.5,	114.0,	1.5);
(406112.5, 3758937.5,	111.3,	1.5);	(406112.5, 3758887.5,	109.2,	1.5);
(406112.5, 3758837.5,	107.3,	1.5);	(406112.5, 3758787.5,	104.9,	1.5);
(406112.5, 3758737.5,	102.3,	1.5);	(406112.5, 3758687.5,	100.9,	1.5);
(406112.5, 3758637.5,	99.0,	1.5);	(406162.5, 3759987.5,	155.4,	1.5);
(406162.5, 3759837.5,	153.4,	1.5);	(406162.5, 3759787.5,	154.2,	1.5);
(406162.5, 3759437.5,	137.1,	1.5);	(406162.5, 3759387.5,	138.5,	1.5);
(406162.5, 3759337.5,	137.8,	1.5);	(406162.5, 3759287.5,	132.2,	1.5);
(406162.5, 3759237.5,	126.2,	1.5);	(406162.5, 3759187.5,	123.2,	1.5);
(406162.5, 3759137.5,	120.9,	1.5);	(406162.5, 3759087.5,	119.0,	1.5);
(406162.5, 3759037.5,	117.3,	1.5);	(406162.5, 3758987.5,	116.0,	1.5);
(406162.5, 3758937.5,	113.2,	1.5);	(406162.5, 3758887.5,	111.0,	1.5);
(406162.5, 3758837.5,	109.0,	1.5);	(406162.5, 3758787.5,	105.9,	1.5);
(406162.5, 3758737.5,	103.0,	1.5);	(406162.5, 3758687.5,	102.0,	1.5);
(406162.5, 3758637.5,	100.0,	1.5);	(406212.5, 3759437.5,	151.9,	1.5);
(406212.5, 3759387.5,	147.2,	1.5);	(406212.5, 3759337.5,	141.0,	1.5);
(406212.5, 3759287.5,	134.9,	1.5);	(406212.5, 3759237.5,	128.2,	1.5);
(406212.5, 3759187.5,	125.0,	1.5);	(406212.5, 3759137.5,	123.0,	1.5);
(406212.5, 3759087.5,	120.9,	1.5);	(406212.5, 3759037.5,	118.9,	1.5);
(406212.5, 3758987.5,	117.0,	1.5);	(406212.5, 3758937.5,	114.9,	1.5);
(406212.5, 3758887.5,	112.0,	1.5);	(406212.5, 3758837.5,	109.2,	1.5);
(406212.5, 3758787.5,	107.0,	1.5);	(406212.5, 3758737.5,	104.0,	1.5);
(406212.5, 3758687.5,	103.0,	1.5);	(406212.5, 3758637.5,	102.0,	1.5);
(406262.5, 3759437.5,	153.2,	1.5);	(406262.5, 3759387.5,	149.5,	1.5);

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*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406262.5, 3759337.5,	139.9,	1.5);	(406262.5, 3759287.5,	135.9,	1.5);
(406262.5, 3759237.5,	131.2,	1.5);	(406262.5, 3759187.5,	126.9,	1.5);
(406262.5, 3759137.5,	124.0,	1.5);	(406262.5, 3759087.5,	122.0,	1.5);
(406262.5, 3759037.5,	119.9,	1.5);	(406262.5, 3758987.5,	117.0,	1.5);
(406262.5, 3758937.5,	114.9,	1.5);	(406262.5, 3758887.5,	112.0,	1.5);
(406262.5, 3758837.5,	109.7,	1.5);	(406262.5, 3758787.5,	108.0,	1.5);
(406262.5, 3758737.5,	105.0,	1.5);	(406262.5, 3758687.5,	104.0,	1.5);
(406262.5, 3758637.5,	103.0,	1.5);	(406312.5, 3759437.5,	155.9,	1.5);

Appendix B

		NOx Peak Hour Emissions Unmitigated			
(406312.5, 3759387.5,	153.9,	1.5);	(406312.5, 3759337.5,	144.2,	1.5);
(406312.5, 3759287.5,	138.0,	1.5);	(406312.5, 3759237.5,	133.0,	1.5);
(406312.5, 3759187.5,	128.0,	1.5);	(406312.5, 3759137.5,	124.9,	1.5);
(406312.5, 3759087.5,	122.0,	1.5);	(406312.5, 3759037.5,	119.9,	1.5);
(406312.5, 3758987.5,	117.0,	1.5);	(406312.5, 3758937.5,	114.0,	1.5);
(406312.5, 3758887.5,	112.0,	1.5);	(406312.5, 3758837.5,	109.9,	1.5);
(406312.5, 3758787.5,	108.0,	1.5);	(406312.5, 3758737.5,	106.0,	1.5);
(406312.5, 3758687.5,	105.0,	1.5);	(406312.5, 3758637.5,	104.2,	1.5);
(406362.5, 3759437.5,	151.1,	1.5);	(406362.5, 3759387.5,	148.1,	1.5);
(406362.5, 3759337.5,	143.6,	1.5);	(406362.5, 3759287.5,	136.9,	1.5);
(406362.5, 3759237.5,	133.0,	1.5);	(406362.5, 3759187.5,	128.9,	1.5);
(406362.5, 3759137.5,	125.9,	1.5);	(406362.5, 3759087.5,	123.0,	1.5);
(406362.5, 3759037.5,	120.0,	1.5);	(406362.5, 3758987.5,	117.0,	1.5);
(406362.5, 3758937.5,	114.9,	1.5);	(406362.5, 3758887.5,	111.7,	1.5);
(406362.5, 3758837.5,	109.0,	1.5);	(406362.5, 3758787.5,	108.0,	1.5);
(406362.5, 3758737.5,	107.3,	1.5);	(406362.5, 3758687.5,	107.0,	1.5);
(406362.5, 3758637.5,	106.0,	1.5);	(406412.5, 3759337.5,	138.9,	1.5);
(406412.5, 3759287.5,	136.0,	1.5);	(406412.5, 3759237.5,	134.0,	1.5);
(406412.5, 3759187.5,	129.9,	1.5);	(406412.5, 3759137.5,	126.0,	1.5);
(406412.5, 3759087.5,	123.0,	1.5);	(406412.5, 3759037.5,	120.0,	1.5);
(406412.5, 3758987.5,	118.0,	1.5);	(406412.5, 3758937.5,	115.2,	1.5);
(406412.5, 3758887.5,	110.9,	1.5);	(406412.5, 3758837.5,	109.0,	1.5);
(406412.5, 3758787.5,	108.3,	1.5);	(406412.5, 3758737.5,	109.0,	1.5);
(406412.5, 3758687.5,	109.0,	1.5);	(406412.5, 3758637.5,	108.2,	1.5);
(406462.5, 3759287.5,	136.9,	1.5);	(406462.5, 3759237.5,	133.9,	1.5);
(406462.5, 3759187.5,	129.9,	1.5);	(406462.5, 3759137.5,	125.9,	1.5);
(406462.5, 3759087.5,	122.0,	1.5);	(406462.5, 3759037.5,	120.0,	1.5);
(406462.5, 3758987.5,	118.0,	1.5);	(406462.5, 3758937.5,	116.0,	1.5);
(406462.5, 3758887.5,	112.2,	1.5);	(406462.5, 3758837.5,	109.2,	1.5);
(406462.5, 3758787.5,	110.2,	1.5);	(406462.5, 3758737.5,	110.2,	1.5);
(406462.5, 3758687.5,	110.9,	1.5);	(406462.5, 3758637.5,	109.2,	1.5);
(406512.5, 3759287.5,	138.0,	1.5);	(406512.5, 3759237.5,	134.0,	1.5);
(406512.5, 3759187.5,	129.2,	1.5);	(406512.5, 3759137.5,	126.2,	1.5);
(406512.5, 3759087.5,	123.9,	1.5);	(406512.5, 3759037.5,	121.2,	1.5);
(406512.5, 3758987.5,	118.9,	1.5);	(406512.5, 3758937.5,	116.7,	1.5);
(406512.5, 3758887.5,	114.0,	1.5);	(406512.5, 3758837.5,	114.2,	1.5);
(406512.5, 3758787.5,	113.3,	1.5);	(406512.5, 3758737.5,	113.3,	1.5);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406512.5, 3758687.5,	112.3,	1.5);	(406512.5, 3758637.5,	111.3,	1.5);
(406562.5, 3759237.5,	135.2,	1.5);	(406562.5, 3759187.5,	131.9,	1.5);
(406562.5, 3759137.5,	128.0,	1.5);	(406562.5, 3759087.5,	125.2,	1.5);
(406562.5, 3759037.5,	123.0,	1.5);	(406562.5, 3758987.5,	119.9,	1.5);
(406562.5, 3758937.5,	116.3,	1.5);	(406562.5, 3758887.5,	116.3,	1.5);
(406562.5, 3758837.5,	117.3,	1.5);	(406562.5, 3758787.5,	116.3,	1.5);
(406562.5, 3758737.5,	115.9,	1.5);	(406562.5, 3758687.5,	114.2,	1.5);
(406562.5, 3758637.5,	113.0,	1.5);	(406562.5, 3758587.5,	111.0,	1.5);
(406612.5, 3759187.5,	134.2,	1.5);	(406612.5, 3759137.5,	130.2,	1.5);

Appendix B

		NOx Peak Hour Emissions Unmitigated			
(406612.5, 3759087.5,	126.9,	1.5);	(406612.5, 3759037.5,	123.0,	1.5);
(406612.5, 3758987.5,	120.9,	1.5);	(406612.5, 3758937.5,	121.2,	1.5);
(406612.5, 3758887.5,	121.2,	1.5);	(406612.5, 3758837.5,	120.0,	1.5);
(406612.5, 3758787.5,	118.0,	1.5);	(406612.5, 3758737.5,	117.0,	1.5);
(406612.5, 3758687.5,	115.9,	1.5);	(406612.5, 3758637.5,	113.0,	1.5);
(406612.5, 3758587.5,	111.0,	1.5);	(406662.5, 3759187.5,	135.9,	1.5);
(406662.5, 3759137.5,	130.9,	1.5);	(406662.5, 3759087.5,	128.0,	1.5);
(406662.5, 3759037.5,	125.2,	1.5);	(406662.5, 3758987.5,	124.5,	1.5);
(406662.5, 3758937.5,	125.0,	1.5);	(406662.5, 3758887.5,	123.0,	1.5);
(406662.5, 3758837.5,	122.0,	1.5);	(406662.5, 3758787.5,	119.0,	1.5);
(406662.5, 3758737.5,	117.0,	1.5);	(406712.5, 3759137.5,	131.2,	1.5);
(406712.5, 3759087.5,	131.3,	1.5);	(406712.5, 3759037.5,	130.5,	1.5);
(406712.5, 3758987.5,	129.2,	1.5);	(406712.5, 3758937.5,	128.0,	1.5);
(406712.5, 3758887.5,	123.7,	1.5);	(406712.5, 3758587.5,	113.9,	1.5);
(406762.5, 3759037.5,	136.2,	1.5);	(406762.5, 3758987.5,	131.9,	1.5);
(406762.5, 3758937.5,	127.0,	1.5);	(406762.5, 3758687.5,	118.3,	1.5);
(406762.5, 3758637.5,	116.7,	1.5);	(406762.5, 3758587.5,	114.0,	1.5);
(406812.5, 3758987.5,	132.6,	1.5);	(406812.5, 3758687.5,	121.2,	1.5);
(406812.5, 3758637.5,	117.3,	1.5);	(406812.5, 3758587.5,	115.6,	1.5);
(406862.5, 3758737.5,	124.0,	1.5);	(406862.5, 3758687.5,	122.0,	1.5);
(406862.5, 3758637.5,	118.0,	1.5);	(406862.5, 3758587.5,	108.7,	1.5);
(406912.5, 3758787.5,	127.0,	1.5);	(406912.5, 3758737.5,	123.0,	1.5);
(406912.5, 3758687.5,	120.0,	1.5);	(406912.5, 3758637.5,	116.6,	1.5);
(406912.5, 3758587.5,	115.3,	1.5);	(406962.5, 3758737.5,	123.0,	1.5);
(406962.5, 3758687.5,	119.9,	1.5);	(406962.5, 3758637.5,	115.0,	1.5);
(406962.5, 3758587.5,	117.0,	1.5);	(407012.5, 3758687.5,	118.9,	1.5);
(407012.5, 3758637.5,	115.3,	1.5);	(407012.5, 3758587.5,	119.3,	1.5);
(407062.5, 3758687.5,	117.0,	1.5);	(407062.5, 3758637.5,	118.6,	1.5);
(407062.5, 3758587.5,	122.0,	1.5);	(407112.5, 3758637.5,	123.3,	1.5);
(407112.5, 3758587.5,	125.0,	1.5);	(407162.5, 3758637.5,	127.0,	1.5);
(407162.5, 3758587.5,	127.0,	1.5);	(407212.5, 3758637.5,	132.0,	1.5);
(407212.5, 3758587.5,	136.3,	1.5);	(407262.5, 3758637.5,	137.3,	1.5);
(407262.5, 3758587.5,	138.3,	1.5);	(407312.5, 3758637.5,	142.3,	1.5);
(407312.5, 3758587.5,	141.2,	1.5);	(407362.5, 3758637.5,	146.2,	1.5);
(407362.5, 3758587.5,	146.2,	1.5);	(407412.5, 3758637.5,	152.2,	1.5);
(407412.5, 3758587.5,	153.3,	1.5);	(407462.5, 3758637.5,	152.7,	1.5);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(407462.5, 3758587.5,	155.0,	1.5);	(407512.5, 3758637.5,	146.7,	1.5);
(407512.5, 3758587.5,	146.1,	1.5);	(407562.5, 3758637.5,	0.0,	1.5);
(407562.5, 3758587.5,	0.0,	1.5);	(407612.5, 3758637.5,	0.0,	1.5);
(407612.5, 3758587.5,	0.0,	1.5);	(407662.5, 3758637.5,	0.0,	1.5);
(407662.5, 3758587.5,	0.0,	1.5);	(407712.5, 3758637.5,	0.0,	1.5);
(407712.5, 3758587.5,	0.0,	1.5);	(407762.5, 3758637.5,	0.0,	1.5);
(407762.5, 3758587.5,	0.0,	1.5);	(407812.5, 3758637.5,	0.0,	1.5);
(407812.5, 3758587.5,	0.0,	1.5);	(407862.5, 3758637.5,	0.0,	1.5);
(407862.5, 3758587.5,	0.0,	1.5);	(407912.5, 3758637.5,	0.0,	1.5);
(407912.5, 3758587.5,	0.0,	1.5);	(407962.5, 3758637.5,	0.0,	1.5);

Appendix B

		NOx Peak Hour Emissions Unmitigated			
(407962.5, 3758587.5,	0.0,	1.5);	(408012.5, 3758637.5,	0.0,	1.5);
(408012.5, 3758587.5,	0.0,	1.5);	(408062.5, 3758637.5,	0.0,	1.5);
(408062.5, 3758587.5,	0.0,	1.5);	(408112.5, 3758637.5,	0.0,	1.5);
(408112.5, 3758587.5,	0.0,	1.5);	(405987.5, 3758537.5,	93.0,	1.5);
(406012.5, 3758537.5,	94.0,	1.5);	(406037.5, 3758537.5,	94.7,	1.5);
(406062.5, 3758537.5,	95.0,	1.5);	(406087.5, 3758537.5,	96.0,	1.5);
(406112.5, 3758537.5,	96.3,	1.5);	(406137.5, 3758537.5,	97.0,	1.5);
(406162.5, 3758537.5,	98.0,	1.5);	(406187.5, 3758537.5,	98.8,	1.5);
(406212.5, 3758537.5,	99.9,	1.5);	(406237.5, 3758537.5,	100.8,	1.5);
(406262.5, 3758537.5,	102.0,	1.5);	(406287.5, 3758537.5,	103.0,	1.5);
(406312.5, 3758537.5,	104.0,	1.5);	(406337.5, 3758537.5,	104.7,	1.5);
(406362.5, 3758537.5,	105.0,	1.5);	(406387.5, 3758537.5,	105.7,	1.5);
(406412.5, 3758537.5,	106.0,	1.5);	(406437.5, 3758537.5,	107.0,	1.5);
(406462.5, 3758537.5,	108.0,	1.5);	(406487.5, 3758537.5,	108.0,	1.5);
(406512.5, 3758537.5,	109.0,	1.5);	(406562.5, 3758537.5,	109.0,	1.5);
(406612.5, 3758537.5,	109.9,	1.5);	(406662.5, 3758537.5,	109.0,	1.5);
(406712.5, 3758537.5,	109.9,	1.5);	(406762.5, 3758537.5,	109.0,	1.5);
(406812.5, 3758537.5,	110.0,	1.5);	(406862.5, 3758537.5,	111.3,	1.5);
(406912.5, 3758537.5,	114.9,	1.5);	(406962.5, 3758537.5,	118.5,	1.5);
(407012.5, 3758537.5,	122.0,	1.5);	(407062.5, 3758537.5,	123.0,	1.5);
(407112.5, 3758537.5,	127.0,	1.5);	(407162.5, 3758537.5,	130.0,	1.5);
(407212.5, 3758537.5,	141.0,	1.5);	(407262.5, 3758537.5,	142.0,	1.5);
(407312.5, 3758537.5,	147.0,	1.5);	(407362.5, 3758537.5,	147.3,	1.5);
(407412.5, 3758537.5,	151.2,	1.5);	(407462.5, 3758537.5,	158.3,	1.5);
(407512.5, 3758537.5,	148.4,	1.5);	(407562.5, 3758537.5,	0.0,	1.5);
(407612.5, 3758537.5,	0.0,	1.5);	(407662.5, 3758537.5,	0.0,	1.5);
(407712.5, 3758537.5,	0.0,	1.5);	(407762.5, 3758537.5,	0.0,	1.5);
(407812.5, 3758537.5,	0.0,	1.5);	(407862.5, 3758537.5,	0.0,	1.5);
(407912.5, 3758537.5,	0.0,	1.5);	(407962.5, 3758537.5,	0.0,	1.5);
(408012.5, 3758537.5,	0.0,	1.5);	(408062.5, 3758537.5,	0.0,	1.5);
(408112.5, 3758537.5,	0.0,	1.5);	(405962.5, 3758587.5,	94.0,	1.5);
(406012.5, 3758587.5,	95.0,	1.5);	(406062.5, 3758587.5,	96.0,	1.5);
(406112.5, 3758587.5,	97.0,	1.5);	(406162.5, 3758587.5,	99.0,	1.5);
(406212.5, 3758587.5,	100.9,	1.5);	(406262.5, 3758587.5,	102.3,	1.5);
(406312.5, 3758587.5,	104.2,	1.5);	(406362.5, 3758587.5,	105.2,	1.5);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406412.5, 3758587.5,	107.0,	1.5);	(406462.5, 3758587.5,	109.0,	1.5);
(406512.5, 3758587.5,	110.0,	1.5);	(405987.5, 3760012.5,	229.9,	1.5);
(405987.5, 3759962.5,	223.9,	1.5);	(405987.5, 3759912.5,	217.2,	1.5);
(405987.5, 3759862.5,	205.0,	1.5);	(405987.5, 3759812.5,	194.2,	1.5);
(405987.5, 3759762.5,	190.0,	1.5);	(405987.5, 3759712.5,	179.8,	1.5);
(405987.5, 3759662.5,	165.8,	1.5);	(405987.5, 3759612.5,	161.8,	1.5);
(405987.5, 3759562.5,	160.3,	1.5);	(405987.5, 3759512.5,	162.0,	1.5);
(405987.5, 3759462.5,	161.3,	1.5);	(405987.5, 3759412.5,	153.1,	1.5);
(405987.5, 3759362.5,	143.5,	1.5);	(405987.5, 3759312.5,	134.9,	1.5);
(405987.5, 3759262.5,	126.7,	1.5);	(405987.5, 3759212.5,	116.1,	1.5);
(405987.5, 3759162.5,	115.0,	1.5);	(405987.5, 3759112.5,	113.4,	1.5);

Appendix B

		NOx Peak Hour Emissions Unmitigated			
(405987.5, 3759062.5,	110.9,	1.5);	(405987.5, 3759012.5,	109.0,	1.5);
(405987.5, 3758962.5,	108.4,	1.5);	(405987.5, 3758912.5,	106.3,	1.5);
(405987.5, 3758862.5,	104.3,	1.5);	(405987.5, 3758812.5,	102.0,	1.5);
(405987.5, 3758762.5,	100.3,	1.5);	(405987.5, 3758712.5,	98.4,	1.5);
(405987.5, 3758662.5,	96.4,	1.5);	(406037.5, 3760012.5,	220.7,	1.5);
(406037.5, 3759812.5,	181.5,	1.5);	(406037.5, 3759762.5,	179.4,	1.5);
(406037.5, 3759712.5,	178.3,	1.5);	(406037.5, 3759662.5,	166.4,	1.5);
(406037.5, 3759612.5,	162.4,	1.5);	(406037.5, 3759562.5,	159.6,	1.5);
(406037.5, 3759512.5,	152.9,	1.5);	(406037.5, 3759462.5,	142.7,	1.5);
(406037.5, 3759412.5,	141.3,	1.5);	(406037.5, 3759362.5,	135.4,	1.5);
(406037.5, 3759312.5,	133.1,	1.5);	(406037.5, 3759262.5,	122.8,	1.5);
(406037.5, 3759212.5,	119.2,	1.5);	(406037.5, 3759162.5,	116.9,	1.5);
(406037.5, 3759112.5,	115.0,	1.5);	(406037.5, 3759062.5,	112.9,	1.5);
(406037.5, 3759012.5,	111.7,	1.5);	(406037.5, 3758962.5,	110.3,	1.5);
(406037.5, 3758912.5,	108.0,	1.5);	(406037.5, 3758862.5,	105.0,	1.5);
(406037.5, 3758812.5,	103.8,	1.5);	(406037.5, 3758762.5,	101.9,	1.5);
(406037.5, 3758712.5,	99.5,	1.5);	(406037.5, 3758662.5,	97.9,	1.5);
(406087.5, 3760012.5,	200.6,	1.5);	(406087.5, 3759812.5,	152.7,	1.5);
(406087.5, 3759762.5,	150.3,	1.5);	(406087.5, 3759712.5,	151.5,	1.5);
(406087.5, 3759662.5,	147.4,	1.5);	(406087.5, 3759612.5,	149.3,	1.5);
(406087.5, 3759562.5,	143.9,	1.5);	(406087.5, 3759512.5,	142.0,	1.5);
(406087.5, 3759462.5,	139.0,	1.5);	(406087.5, 3759412.5,	130.1,	1.5);
(406087.5, 3759362.5,	128.3,	1.5);	(406087.5, 3759312.5,	127.5,	1.5);
(406087.5, 3759262.5,	122.2,	1.5);	(406087.5, 3759212.5,	120.3,	1.5);
(406087.5, 3759162.5,	119.0,	1.5);	(406087.5, 3759112.5,	116.9,	1.5);
(406087.5, 3759062.5,	115.0,	1.5);	(406087.5, 3759012.5,	113.8,	1.5);
(406087.5, 3758962.5,	111.4,	1.5);	(406087.5, 3758912.5,	109.3,	1.5);
(406087.5, 3758862.5,	107.4,	1.5);	(406087.5, 3758812.5,	105.0,	1.5);
(406087.5, 3758762.5,	103.0,	1.5);	(406087.5, 3758712.5,	101.0,	1.5);
(406087.5, 3758662.5,	99.0,	1.5);	(406137.5, 3760012.5,	175.9,	1.5);
(406137.5, 3759812.5,	147.9,	1.5);	(406137.5, 3759762.5,	147.9,	1.5);
(406137.5, 3759712.5,	147.5,	1.5);	(406137.5, 3759662.5,	145.6,	1.5);
(406137.5, 3759612.5,	143.0,	1.5);	(406137.5, 3759562.5,	140.5,	1.5);
(406137.5, 3759512.5,	133.1,	1.5);	(406137.5, 3759462.5,	130.0,	1.5);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406137.5, 3759412.5,	132.0,	1.5);	(406137.5, 3759362.5,	133.0,	1.5);
(406137.5, 3759312.5,	133.0,	1.5);	(406137.5, 3759262.5,	127.2,	1.5);
(406137.5, 3759212.5,	123.4,	1.5);	(406137.5, 3759162.5,	121.3,	1.5);
(406137.5, 3759112.5,	119.0,	1.5);	(406137.5, 3759062.5,	116.9,	1.5);
(406137.5, 3759012.5,	116.0,	1.5);	(406137.5, 3758962.5,	113.8,	1.5);
(406137.5, 3758912.5,	111.3,	1.5);	(406137.5, 3758862.5,	109.0,	1.5);
(406137.5, 3758812.5,	106.4,	1.5);	(406137.5, 3758762.5,	104.3,	1.5);
(406137.5, 3758712.5,	102.0,	1.5);	(406137.5, 3758662.5,	100.3,	1.5);
(406187.5, 3759412.5,	146.6,	1.5);	(406187.5, 3759362.5,	141.2,	1.5);
(406187.5, 3759312.5,	138.7,	1.5);	(406187.5, 3759262.5,	130.3,	1.5);
(406187.5, 3759212.5,	125.9,	1.5);	(406187.5, 3759162.5,	123.0,	1.5);
(406187.5, 3759112.5,	120.9,	1.5);	(406187.5, 3759062.5,	118.8,	1.5);

Appendix B

		NOx Peak Hour Emissions Unmitigated			
(406187.5, 3759012.5,	117.3,	1.5);	(406187.5, 3758962.5,	115.9,	1.5);
(406187.5, 3758912.5,	112.4,	1.5);	(406187.5, 3758862.5,	110.5,	1.5);
(406187.5, 3758812.5,	108.0,	1.5);	(406187.5, 3758762.5,	105.0,	1.5);
(406187.5, 3758712.5,	102.9,	1.5);	(406187.5, 3758662.5,	101.9,	1.5);
(406237.5, 3759412.5,	150.2,	1.5);	(406237.5, 3759362.5,	144.1,	1.5);
(406237.5, 3759312.5,	138.1,	1.5);	(406237.5, 3759262.5,	133.3,	1.5);
(406237.5, 3759212.5,	127.3,	1.5);	(406237.5, 3759162.5,	124.4,	1.5);
(406237.5, 3759112.5,	122.9,	1.5);	(406237.5, 3759062.5,	120.3,	1.5);
(406237.5, 3759012.5,	118.0,	1.5);	(406237.5, 3758962.5,	116.0,	1.5);
(406237.5, 3758912.5,	113.4,	1.5);	(406237.5, 3758862.5,	111.0,	1.5);
(406237.5, 3758812.5,	108.4,	1.5);	(406237.5, 3758762.5,	105.5,	1.5);
(406237.5, 3758712.5,	104.0,	1.5);	(406237.5, 3758662.5,	102.9,	1.5);
(406287.5, 3759412.5,	153.8,	1.5);	(406287.5, 3759362.5,	146.7,	1.5);
(406287.5, 3759312.5,	138.8,	1.5);	(406287.5, 3759262.5,	134.4,	1.5);
(406287.5, 3759212.5,	129.4,	1.5);	(406287.5, 3759162.5,	126.0,	1.5);
(406287.5, 3759112.5,	123.0,	1.5);	(406287.5, 3759062.5,	121.0,	1.5);
(406287.5, 3759012.5,	118.4,	1.5);	(406287.5, 3758962.5,	116.0,	1.5);
(406287.5, 3758912.5,	113.4,	1.5);	(406287.5, 3758862.5,	110.9,	1.5);
(406287.5, 3758812.5,	108.4,	1.5);	(406287.5, 3758762.5,	106.4,	1.5);
(406287.5, 3758712.5,	105.0,	1.5);	(406287.5, 3758662.5,	104.0,	1.5);
(406337.5, 3759412.5,	153.6,	1.5);	(406337.5, 3759362.5,	149.5,	1.5);
(406337.5, 3759312.5,	140.9,	1.5);	(406337.5, 3759262.5,	135.5,	1.5);
(406337.5, 3759212.5,	130.5,	1.5);	(406337.5, 3759162.5,	127.3,	1.5);
(406337.5, 3759112.5,	123.4,	1.5);	(406337.5, 3759062.5,	121.0,	1.5);
(406337.5, 3759012.5,	118.4,	1.5);	(406337.5, 3758962.5,	115.5,	1.5);
(406337.5, 3758912.5,	113.0,	1.5);	(406337.5, 3758862.5,	110.6,	1.5);
(406337.5, 3758812.5,	109.0,	1.5);	(406337.5, 3758762.5,	107.0,	1.5);
(406337.5, 3758712.5,	106.0,	1.5);	(406337.5, 3758662.5,	105.8,	1.5);
(406387.5, 3759362.5,	141.9,	1.5);	(406387.5, 3759312.5,	138.7,	1.5);
(406387.5, 3759262.5,	134.3,	1.5);	(406387.5, 3759212.5,	131.4,	1.5);
(406387.5, 3759162.5,	127.4,	1.5);	(406387.5, 3759112.5,	124.4,	1.5);
(406387.5, 3759062.5,	122.0,	1.5);	(406387.5, 3759012.5,	119.0,	1.5);
(406387.5, 3758962.5,	116.3,	1.5);	(406387.5, 3758912.5,	113.4,	1.5);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406387.5, 3758862.5,	109.5,	1.5);	(406387.5, 3758812.5,	108.0,	1.5);
(406387.5, 3758762.5,	108.0,	1.5);	(406387.5, 3758712.5,	108.0,	1.5);
(406387.5, 3758662.5,	107.7,	1.5);	(406437.5, 3759312.5,	137.4,	1.5);
(406437.5, 3759262.5,	135.1,	1.5);	(406437.5, 3759212.5,	131.9,	1.5);
(406437.5, 3759162.5,	127.4,	1.5);	(406437.5, 3759112.5,	124.4,	1.5);
(406437.5, 3759062.5,	121.4,	1.5);	(406437.5, 3759012.5,	119.5,	1.5);
(406437.5, 3758962.5,	117.0,	1.5);	(406437.5, 3758912.5,	114.2,	1.5);
(406437.5, 3758862.5,	109.3,	1.5);	(406437.5, 3758812.5,	109.0,	1.5);
(406437.5, 3758762.5,	109.0,	1.5);	(406437.5, 3758712.5,	109.4,	1.5);
(406437.5, 3758662.5,	109.0,	1.5);	(406487.5, 3759312.5,	138.3,	1.5);
(406487.5, 3759262.5,	135.5,	1.5);	(406487.5, 3759212.5,	131.4,	1.5);
(406487.5, 3759162.5,	127.1,	1.5);	(406487.5, 3759112.5,	124.4,	1.5);
(406487.5, 3759062.5,	121.9,	1.5);	(406487.5, 3759012.5,	119.8,	1.5);

Appendix B

		NOx Peak Hour Emissions Unmitigated			
(406487.5, 3758962.5,	117.4,	1.5);	(406487.5, 3758912.5,	115.5,	1.5);
(406487.5, 3758862.5,	111.9,	1.5);	(406487.5, 3758812.5,	111.3,	1.5);
(406487.5, 3758762.5,	112.0,	1.5);	(406487.5, 3758712.5,	112.0,	1.5);
(406487.5, 3758662.5,	111.0,	1.5);	(406537.5, 3759262.5,	136.4,	1.5);
(406537.5, 3759212.5,	132.4,	1.5);	(406537.5, 3759162.5,	128.4,	1.5);
(406537.5, 3759112.5,	125.9,	1.5);	(406537.5, 3759062.5,	123.0,	1.5);
(406537.5, 3759012.5,	120.9,	1.5);	(406537.5, 3758962.5,	117.0,	1.5);
(406537.5, 3758912.5,	115.0,	1.5);	(406537.5, 3758862.5,	115.4,	1.5);
(406537.5, 3758812.5,	115.9,	1.5);	(406537.5, 3758762.5,	115.0,	1.5);
(406537.5, 3758712.5,	114.0,	1.5);	(406537.5, 3758662.5,	112.9,	1.5);
(406587.5, 3759212.5,	134.8,	1.5);	(406587.5, 3759162.5,	131.2,	1.5);
(406587.5, 3759112.5,	127.3,	1.5);	(406587.5, 3759062.5,	124.4,	1.5);
(406587.5, 3759012.5,	121.4,	1.5);	(406587.5, 3758962.5,	118.8,	1.5);
(406587.5, 3758912.5,	118.8,	1.5);	(406587.5, 3758862.5,	119.3,	1.5);
(406587.5, 3758812.5,	118.0,	1.5);	(406587.5, 3758762.5,	116.9,	1.5);
(406587.5, 3758712.5,	115.9,	1.5);	(406587.5, 3758662.5,	114.3,	1.5);
(406587.5, 3758612.5,	112.0,	1.5);	(406637.5, 3759212.5,	137.3,	1.5);
(406637.5, 3759162.5,	133.4,	1.5);	(406637.5, 3759112.5,	129.4,	1.5);
(406637.5, 3759062.5,	126.4,	1.5);	(406637.5, 3759012.5,	121.9,	1.5);
(406637.5, 3758962.5,	122.9,	1.5);	(406637.5, 3758912.5,	122.7,	1.5);
(406637.5, 3758862.5,	121.9,	1.5);	(406637.5, 3758812.5,	120.0,	1.5);
(406637.5, 3758762.5,	118.0,	1.5);	(406637.5, 3758712.5,	116.9,	1.5);
(406637.5, 3758662.5,	113.6,	1.5);	(406687.5, 3759162.5,	133.6,	1.5);
(406687.5, 3759112.5,	128.0,	1.5);	(406687.5, 3759062.5,	128.7,	1.5);
(406687.5, 3759012.5,	127.3,	1.5);	(406687.5, 3758962.5,	126.7,	1.5);
(406687.5, 3758912.5,	125.5,	1.5);	(406687.5, 3758862.5,	123.0,	1.5);
(406687.5, 3758762.5,	118.0,	1.5);	(406737.5, 3759112.5,	133.7,	1.5);
(406737.5, 3759062.5,	136.5,	1.5);	(406737.5, 3759012.5,	132.2,	1.5);
(406737.5, 3758962.5,	129.4,	1.5);	(406737.5, 3758912.5,	125.5,	1.5);
(406737.5, 3758662.5,	117.7,	1.5);	(406737.5, 3758612.5,	116.0,	1.5);
(406787.5, 3759012.5,	134.8,	1.5);	(406787.5, 3758962.5,	129.4,	1.5);
(406787.5, 3758712.5,	120.6,	1.5);	(406787.5, 3758662.5,	119.3,	1.5);

• *** ISCS T3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs: URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406787.5, 3758612.5,	115.8,	1.5);	(406837.5, 3758712.5,	123.0,	1.5);
(406837.5, 3758662.5,	120.5,	1.5);	(406837.5, 3758612.5,	116.6,	1.5);
(406887.5, 3758762.5,	125.3,	1.5);	(406887.5, 3758712.5,	122.4,	1.5);
(406887.5, 3758662.5,	119.5,	1.5);	(406887.5, 3758612.5,	112.6,	1.5);
(406937.5, 3758762.5,	125.5,	1.5);	(406937.5, 3758712.5,	121.4,	1.5);
(406937.5, 3758662.5,	117.6,	1.5);	(406937.5, 3758612.5,	115.4,	1.5);
(406987.5, 3758712.5,	121.9,	1.5);	(406987.5, 3758662.5,	116.4,	1.5);
(406987.5, 3758612.5,	116.4,	1.5);	(407037.5, 3758712.5,	121.4,	1.5);
(407037.5, 3758662.5,	115.1,	1.5);	(407037.5, 3758612.5,	119.3,	1.5);
(407087.5, 3758662.5,	116.7,	1.5);	(407087.5, 3758612.5,	122.9,	1.5);
(407137.5, 3758662.5,	123.3,	1.5);	(407137.5, 3758612.5,	125.8,	1.5);
(407187.5, 3758662.5,	129.8,	1.5);	(407187.5, 3758612.5,	130.3,	1.5);
(407237.5, 3758662.5,	134.8,	1.5);	(407237.5, 3758612.5,	134.5,	1.5);
(407287.5, 3758662.5,	139.8,	1.5);	(407287.5, 3758612.5,	139.8,	1.5);

Appendix B

		NOx Peak Hour Emissions Unmitigated			
(407337.5, 3758662.5,	144.7,	1.5);	(407337.5, 3758612.5,	143.7,	1.5);
(407387.5, 3758662.5,	149.7,	1.5);	(407387.5, 3758612.5,	149.5,	1.5);
(407437.5, 3758662.5,	153.7,	1.5);	(407437.5, 3758612.5,	154.4,	1.5);
(407487.5, 3758662.5,	152.4,	1.5);	(407487.5, 3758612.5,	149.5,	1.5);
(407537.5, 3758662.5,	0.0,	1.5);	(407537.5, 3758612.5,	0.0,	1.5);
(407587.5, 3758662.5,	0.0,	1.5);	(407587.5, 3758612.5,	0.0,	1.5);
(407637.5, 3758612.5,	0.0,	1.5);	(407687.5, 3758612.5,	0.0,	1.5);
(407737.5, 3758612.5,	0.0,	1.5);	(407787.5, 3758612.5,	0.0,	1.5);
(407837.5, 3758612.5,	0.0,	1.5);	(407887.5, 3758612.5,	0.0,	1.5);
(407937.5, 3758612.5,	0.0,	1.5);	(407987.5, 3758612.5,	0.0,	1.5);
(408037.5, 3758612.5,	0.0,	1.5);	(408087.5, 3758612.5,	0.0,	1.5);
(405987.5, 3758612.5,	95.0,	1.5);	(406037.5, 3758612.5,	96.3,	1.5);
(406087.5, 3758612.5,	97.4,	1.5);	(406137.5, 3758612.5,	98.4,	1.5);
(406187.5, 3758612.5,	100.3,	1.5);	(406237.5, 3758612.5,	102.0,	1.5);
(406287.5, 3758612.5,	103.8,	1.5);	(406337.5, 3758612.5,	105.0,	1.5);
(406387.5, 3758612.5,	106.9,	1.5);	(406437.5, 3758612.5,	108.8,	1.5);
(406487.5, 3758612.5,	110.0,	1.5);	(406512.5, 3758562.5,	109.1,	1.5);
(406537.5, 3758612.5,	111.3,	1.5);	(406562.5, 3758562.5,	110.0,	1.5);
(406612.5, 3758562.5,	110.8,	1.5);	(406662.5, 3758562.5,	110.0,	1.5);
(406712.5, 3758562.5,	112.0,	1.5);	(406762.5, 3758562.5,	112.0,	1.5);
(406812.5, 3758562.5,	110.7,	1.5);	(406862.5, 3758562.5,	109.8,	1.5);
(406912.5, 3758562.5,	116.1,	1.5);	(406962.5, 3758562.5,	118.1,	1.5);
(407012.5, 3758562.5,	120.6,	1.5);	(407062.5, 3758562.5,	122.6,	1.5);
(407112.5, 3758562.5,	126.1,	1.5);	(407162.5, 3758562.5,	127.1,	1.5);
(407212.5, 3758562.5,	139.0,	1.5);	(407262.5, 3758562.5,	139.8,	1.5);
(407312.5, 3758562.5,	142.0,	1.5);	(407362.5, 3758562.5,	146.2,	1.5);
(407412.5, 3758562.5,	152.1,	1.5);	(407462.5, 3758562.5,	157.2,	1.5);
(407512.5, 3758562.5,	147.3,	1.5);	(407562.5, 3758562.5,	0.0,	1.5);
(407612.5, 3758562.5,	0.0,	1.5);	(407662.5, 3758562.5,	0.0,	1.5);
(407712.5, 3758562.5,	0.0,	1.5);	(407762.5, 3758562.5,	0.0,	1.5);
(407812.5, 3758562.5,	0.0,	1.5);	(407862.5, 3758562.5,	0.0,	1.5);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(407912.5, 3758562.5,	0.0,	1.5);	(407962.5, 3758562.5,	0.0,	1.5);
(408012.5, 3758562.5,	0.0,	1.5);	(408062.5, 3758562.5,	0.0,	1.5);
(408112.5, 3758562.5,	0.0,	1.5);	(405987.5, 3759987.5,	228.1,	1.5);
(405987.5, 3759937.5,	218.6,	1.5);	(405987.5, 3759887.5,	212.3,	1.5);
(405987.5, 3759837.5,	197.9,	1.5);	(405987.5, 3759787.5,	191.2,	1.5);
(405987.5, 3759737.5,	190.5,	1.5);	(405987.5, 3759687.5,	168.9,	1.5);
(405987.5, 3759637.5,	163.7,	1.5);	(405987.5, 3759587.5,	159.7,	1.5);
(405987.5, 3759537.5,	161.8,	1.5);	(405987.5, 3759487.5,	162.0,	1.5);
(405987.5, 3759437.5,	158.7,	1.5);	(405987.5, 3759387.5,	148.9,	1.5);
(405987.5, 3759337.5,	139.7,	1.5);	(405987.5, 3759287.5,	129.9,	1.5);
(405987.5, 3759237.5,	122.7,	1.5);	(405987.5, 3759187.5,	115.0,	1.5);
(405987.5, 3759137.5,	114.7,	1.5);	(405987.5, 3759087.5,	112.0,	1.5);
(405987.5, 3759037.5,	109.0,	1.5);	(405987.5, 3758987.5,	109.0,	1.5);
(405987.5, 3758937.5,	107.7,	1.5);	(405987.5, 3758887.5,	105.0,	1.5);
(405987.5, 3758837.5,	103.0,	1.5);	(405987.5, 3758787.5,	101.0,	1.5);

Appendix B

		NOx Peak Hour Emissions Unmitigated			
(405987.5, 3758737.5,	99.0,	1.5);	(405987.5, 3758687.5,	97.7,	1.5);
(406037.5, 3759987.5,	215.7,	1.5);	(406037.5, 3759837.5,	192.5,	1.5);
(406037.5, 3759787.5,	184.0,	1.5);	(406037.5, 3759737.5,	179.8,	1.5);
(406037.5, 3759687.5,	170.7,	1.5);	(406037.5, 3759637.5,	164.2,	1.5);
(406037.5, 3759587.5,	160.2,	1.5);	(406037.5, 3759537.5,	157.6,	1.5);
(406037.5, 3759487.5,	146.4,	1.5);	(406037.5, 3759437.5,	141.2,	1.5);
(406037.5, 3759387.5,	139.4,	1.5);	(406037.5, 3759337.5,	133.2,	1.5);
(406037.5, 3759287.5,	127.3,	1.5);	(406037.5, 3759237.5,	120.9,	1.5);
(406037.5, 3759187.5,	118.0,	1.5);	(406037.5, 3759137.5,	116.0,	1.5);
(406037.5, 3759087.5,	114.0,	1.5);	(406037.5, 3759037.5,	111.7,	1.5);
(406037.5, 3758987.5,	111.0,	1.5);	(406037.5, 3758937.5,	109.0,	1.5);
(406037.5, 3758887.5,	106.7,	1.5);	(406037.5, 3758837.5,	104.0,	1.5);
(406037.5, 3758787.5,	102.7,	1.5);	(406037.5, 3758737.5,	100.7,	1.5);
(406037.5, 3758687.5,	98.0,	1.5);	(406087.5, 3759987.5,	196.7,	1.5);
(406087.5, 3759837.5,	156.9,	1.5);	(406087.5, 3759787.5,	152.5,	1.5);
(406087.5, 3759737.5,	151.3,	1.5);	(406087.5, 3759687.5,	149.5,	1.5);
(406087.5, 3759637.5,	149.5,	1.5);	(406087.5, 3759587.5,	146.6,	1.5);
(406087.5, 3759537.5,	142.0,	1.5);	(406087.5, 3759487.5,	141.2,	1.5);
(406087.5, 3759437.5,	132.6,	1.5);	(406087.5, 3759387.5,	128.4,	1.5);
(406087.5, 3759337.5,	127.0,	1.5);	(406087.5, 3759287.5,	128.2,	1.5);
(406087.5, 3759237.5,	121.0,	1.5);	(406087.5, 3759187.5,	120.0,	1.5);
(406087.5, 3759137.5,	118.0,	1.5);	(406087.5, 3759087.5,	116.0,	1.5);
(406087.5, 3759037.5,	114.0,	1.5);	(406087.5, 3758987.5,	112.7,	1.5);
(406087.5, 3758937.5,	110.0,	1.5);	(406087.5, 3758887.5,	108.7,	1.5);
(406087.5, 3758837.5,	106.0,	1.5);	(406087.5, 3758787.5,	104.0,	1.5);
(406087.5, 3758737.5,	102.0,	1.5);	(406087.5, 3758687.5,	100.0,	1.5);
(406137.5, 3759987.5,	167.9,	1.5);	(406137.5, 3759837.5,	148.9,	1.5);
(406137.5, 3759787.5,	147.9,	1.5);	(406137.5, 3759737.5,	147.5,	1.5);
(406137.5, 3759687.5,	147.5,	1.5);	(406137.5, 3759637.5,	143.7,	1.5);
(406137.5, 3759587.5,	141.9,	1.5);	(406137.5, 3759537.5,	139.3,	1.5);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406137.5, 3759487.5,	130.4,	1.5);	(406137.5, 3759437.5,	130.8,	1.5);
(406137.5, 3759387.5,	133.5,	1.5);	(406137.5, 3759337.5,	132.6,	1.5);
(406137.5, 3759287.5,	130.7,	1.5);	(406137.5, 3759237.5,	124.9,	1.5);
(406137.5, 3759187.5,	122.7,	1.5);	(406137.5, 3759137.5,	120.0,	1.5);
(406137.5, 3759087.5,	118.0,	1.5);	(406137.5, 3759037.5,	116.0,	1.5);
(406137.5, 3758987.5,	115.0,	1.5);	(406137.5, 3758937.5,	112.7,	1.5);
(406137.5, 3758887.5,	110.0,	1.5);	(406137.5, 3758837.5,	108.0,	1.5);
(406137.5, 3758787.5,	105.0,	1.5);	(406137.5, 3758737.5,	103.0,	1.5);
(406137.5, 3758687.5,	101.0,	1.5);	(406187.5, 3759437.5,	148.5,	1.5);
(406187.5, 3759387.5,	143.3,	1.5);	(406187.5, 3759337.5,	141.0,	1.5);
(406187.5, 3759287.5,	133.9,	1.5);	(406187.5, 3759237.5,	127.0,	1.5);
(406187.5, 3759187.5,	124.0,	1.5);	(406187.5, 3759137.5,	122.0,	1.5);
(406187.5, 3759087.5,	120.0,	1.5);	(406187.5, 3759037.5,	118.0,	1.5);
(406187.5, 3758987.5,	116.7,	1.5);	(406187.5, 3758937.5,	114.0,	1.5);
(406187.5, 3758887.5,	111.7,	1.5);	(406187.5, 3758837.5,	109.0,	1.5);
(406187.5, 3758787.5,	106.0,	1.5);	(406187.5, 3758737.5,	103.9,	1.5);

Appendix B

		NOx Peak Hour Emissions Unmitigated			
(406187.5, 3758687.5,	102.0,	1.5);	(406237.5, 3759437.5,	152.9,	1.5);
(406237.5, 3759387.5,	147.2,	1.5);	(406237.5, 3759337.5,	140.9,	1.5);
(406237.5, 3759287.5,	135.9,	1.5);	(406237.5, 3759237.5,	129.9,	1.5);
(406237.5, 3759187.5,	126.0,	1.5);	(406237.5, 3759137.5,	123.0,	1.5);
(406237.5, 3759087.5,	121.7,	1.5);	(406237.5, 3759037.5,	119.0,	1.5);
(406237.5, 3758987.5,	117.0,	1.5);	(406237.5, 3758937.5,	114.9,	1.5);
(406237.5, 3758887.5,	112.0,	1.5);	(406237.5, 3758837.5,	109.9,	1.5);
(406237.5, 3758787.5,	107.0,	1.5);	(406237.5, 3758737.5,	104.9,	1.5);
(406237.5, 3758687.5,	103.0,	1.5);	(406287.5, 3759437.5,	155.0,	1.5);
(406287.5, 3759387.5,	152.7,	1.5);	(406287.5, 3759337.5,	141.7,	1.5);
(406287.5, 3759287.5,	136.9,	1.5);	(406287.5, 3759237.5,	131.9,	1.5);
(406287.5, 3759187.5,	127.0,	1.5);	(406287.5, 3759137.5,	124.7,	1.5);
(406287.5, 3759087.5,	122.0,	1.5);	(406287.5, 3759037.5,	119.9,	1.5);
(406287.5, 3758987.5,	117.0,	1.5);	(406287.5, 3758937.5,	114.9,	1.5);
(406287.5, 3758887.5,	112.0,	1.5);	(406287.5, 3758837.5,	109.0,	1.5);
(406287.5, 3758787.5,	108.0,	1.5);	(406287.5, 3758737.5,	105.7,	1.5);
(406287.5, 3758687.5,	104.7,	1.5);	(406337.5, 3759437.5,	154.9,	1.5);
(406337.5, 3759387.5,	152.2,	1.5);	(406337.5, 3759337.5,	144.9,	1.5);
(406337.5, 3759287.5,	138.0,	1.5);	(406337.5, 3759237.5,	133.0,	1.5);
(406337.5, 3759187.5,	128.9,	1.5);	(406337.5, 3759137.5,	125.7,	1.5);
(406337.5, 3759087.5,	122.0,	1.5);	(406337.5, 3759037.5,	120.0,	1.5);
(406337.5, 3758987.5,	117.0,	1.5);	(406337.5, 3758937.5,	114.0,	1.5);
(406337.5, 3758887.5,	112.0,	1.5);	(406337.5, 3758837.5,	109.2,	1.5);
(406337.5, 3758787.5,	108.0,	1.5);	(406337.5, 3758737.5,	106.7,	1.5);
(406337.5, 3758687.5,	105.8,	1.5);	(406387.5, 3759337.5,	139.9,	1.5);
(406387.5, 3759287.5,	136.9,	1.5);	(406387.5, 3759237.5,	133.0,	1.5);
(406387.5, 3759187.5,	129.7,	1.5);	(406387.5, 3759137.5,	125.9,	1.5);
(406387.5, 3759087.5,	123.0,	1.5);	(406387.5, 3759037.5,	120.0,	1.5);
(406387.5, 3758987.5,	117.7,	1.5);	(406387.5, 3758937.5,	114.9,	1.5);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

*** 07/29/11
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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406387.5, 3758887.5,	110.9,	1.5);	(406387.5, 3758837.5,	109.0,	1.5);
(406387.5, 3758787.5,	108.0,	1.5);	(406387.5, 3758737.5,	108.0,	1.5);
(406387.5, 3758687.5,	108.0,	1.5);	(406437.5, 3759337.5,	138.9,	1.5);
(406437.5, 3759287.5,	136.0,	1.5);	(406437.5, 3759237.5,	134.0,	1.5);
(406437.5, 3759187.5,	129.9,	1.5);	(406437.5, 3759137.5,	125.9,	1.5);
(406437.5, 3759087.5,	123.0,	1.5);	(406437.5, 3759037.5,	120.0,	1.5);
(406437.5, 3758987.5,	118.0,	1.5);	(406437.5, 3758937.5,	115.9,	1.5);
(406437.5, 3758887.5,	111.7,	1.5);	(406437.5, 3758837.5,	109.0,	1.5);
(406437.5, 3758787.5,	109.0,	1.5);	(406437.5, 3758737.5,	109.0,	1.5);
(406437.5, 3758687.5,	110.0,	1.5);	(406487.5, 3759287.5,	136.9,	1.5);
(406487.5, 3759237.5,	133.9,	1.5);	(406487.5, 3759187.5,	129.0,	1.5);
(406487.5, 3759137.5,	126.0,	1.5);	(406487.5, 3759087.5,	123.0,	1.5);
(406487.5, 3759037.5,	120.7,	1.5);	(406487.5, 3758987.5,	118.9,	1.5);
(406487.5, 3758937.5,	116.7,	1.5);	(406487.5, 3758887.5,	113.0,	1.5);
(406487.5, 3758837.5,	111.7,	1.5);	(406487.5, 3758787.5,	111.8,	1.5);
(406487.5, 3758737.5,	112.0,	1.5);	(406487.5, 3758687.5,	111.7,	1.5);
(406537.5, 3759237.5,	134.0,	1.5);	(406537.5, 3759187.5,	130.0,	1.5);

Appendix B

		NOx Peak Hour Emissions Unmitigated			
(406537.5, 3759137.5,	126.9,	1.5);	(406537.5, 3759087.5,	124.7,	1.5);
(406537.5, 3759037.5,	122.0,	1.5);	(406537.5, 3758987.5,	118.9,	1.5);
(406537.5, 3758937.5,	115.9,	1.5);	(406537.5, 3758887.5,	115.0,	1.5);
(406537.5, 3758837.5,	116.0,	1.5);	(406537.5, 3758787.5,	115.8,	1.5);
(406537.5, 3758737.5,	114.7,	1.5);	(406537.5, 3758687.5,	113.7,	1.5);
(406587.5, 3759237.5,	136.7,	1.5);	(406587.5, 3759187.5,	133.0,	1.5);
(406587.5, 3759137.5,	129.0,	1.5);	(406587.5, 3759087.5,	126.0,	1.5);
(406587.5, 3759037.5,	123.0,	1.5);	(406587.5, 3758987.5,	120.0,	1.5);
(406587.5, 3758937.5,	118.8,	1.5);	(406587.5, 3758887.5,	118.8,	1.5);
(406587.5, 3758837.5,	118.8,	1.5);	(406587.5, 3758787.5,	117.7,	1.5);
(406587.5, 3758737.5,	116.0,	1.5);	(406587.5, 3758687.5,	115.0,	1.5);
(406587.5, 3758637.5,	113.0,	1.5);	(406637.5, 3759187.5,	135.0,	1.5);
(406637.5, 3759137.5,	130.9,	1.5);	(406637.5, 3759087.5,	128.0,	1.5);
(406637.5, 3759037.5,	123.0,	1.5);	(406637.5, 3758987.5,	122.0,	1.5);
(406637.5, 3758937.5,	122.7,	1.5);	(406637.5, 3758887.5,	122.7,	1.5);
(406637.5, 3758837.5,	121.0,	1.5);	(406637.5, 3758787.5,	119.0,	1.5);
(406637.5, 3758737.5,	117.0,	1.5);	(406637.5, 3758687.5,	115.9,	1.5);
(406687.5, 3759137.5,	130.9,	1.5);	(406687.5, 3759087.5,	128.0,	1.5);
(406687.5, 3759037.5,	127.0,	1.5);	(406687.5, 3758987.5,	126.9,	1.5);
(406687.5, 3758937.5,	126.7,	1.5);	(406687.5, 3758887.5,	123.9,	1.5);
(406687.5, 3758837.5,	122.0,	1.5);	(406687.5, 3758737.5,	117.0,	1.5);
(406737.5, 3759137.5,	133.7,	1.5);	(406737.5, 3759037.5,	133.7,	1.5);
(406737.5, 3758987.5,	130.9,	1.5);	(406737.5, 3758937.5,	127.2,	1.5);
(406737.5, 3758637.5,	117.0,	1.5);	(406787.5, 3759037.5,	138.7,	1.5);
(406787.5, 3758987.5,	131.9,	1.5);	(406787.5, 3758937.5,	127.0,	1.5);
(406787.5, 3758687.5,	120.0,	1.5);	(406787.5, 3758637.5,	116.0,	1.5);
(406837.5, 3758737.5,	123.9,	1.5);	(406837.5, 3758687.5,	122.0,	1.5);
(406837.5, 3758637.5,	118.0,	1.5);	(406887.5, 3758787.5,	126.7,	1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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 *** 11:31:22
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**MODELOPTs: URBAN ELEV FLGPOL NOCALM
 CONC

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406887.5, 3758737.5,	123.9,	1.5);	(406887.5, 3758687.5,	120.9,	1.5);
(406887.5, 3758637.5,	117.0,	1.5);	(406937.5, 3758737.5,	123.0,	1.5);
(406937.5, 3758687.5,	119.9,	1.5);	(406937.5, 3758637.5,	115.9,	1.5);
(406987.5, 3758737.5,	123.0,	1.5);	(406987.5, 3758687.5,	119.9,	1.5);
(406987.5, 3758637.5,	115.0,	1.5);	(407037.5, 3758687.5,	118.1,	1.5);
(407037.5, 3758637.5,	116.0,	1.5);	(407087.5, 3758637.5,	122.0,	1.5);
(407137.5, 3758637.5,	124.8,	1.5);	(407187.5, 3758637.5,	128.7,	1.5);
(407237.5, 3758637.5,	133.7,	1.5);	(407287.5, 3758637.5,	139.8,	1.5);
(407337.5, 3758637.5,	144.7,	1.5);	(407387.5, 3758637.5,	149.5,	1.5);
(407437.5, 3758637.5,	154.0,	1.5);	(407487.5, 3758637.5,	149.4,	1.5);
(407537.5, 3758637.5,	0.0,	1.5);	(407587.5, 3758637.5,	0.0,	1.5);
(407637.5, 3758637.5,	0.0,	1.5);	(407687.5, 3758637.5,	0.0,	1.5);
(407737.5, 3758637.5,	0.0,	1.5);	(407787.5, 3758637.5,	0.0,	1.5);
(407837.5, 3758637.5,	0.0,	1.5);	(407887.5, 3758637.5,	0.0,	1.5);
(407937.5, 3758637.5,	0.0,	1.5);	(407987.5, 3758637.5,	0.0,	1.5);
(408037.5, 3758637.5,	0.0,	1.5);	(408087.5, 3758637.5,	0.0,	1.5);
(405987.5, 3758637.5,	96.0,	1.5);	(405987.5, 3758587.5,	94.7,	1.5);
(406037.5, 3758637.5,	97.0,	1.5);	(406037.5, 3758587.5,	95.7,	1.5);

Appendix B

		NOx Peak Hour Emissions Unmitigated			
(406087.5, 3758637.5,	98.0,	1.5);	(406087.5, 3758587.5,	97.0,	1.5);
(406137.5, 3758637.5,	99.0,	1.5);	(406137.5, 3758587.5,	98.0,	1.5);
(406187.5, 3758637.5,	101.0,	1.5);	(406187.5, 3758587.5,	99.8,	1.5);
(406237.5, 3758637.5,	102.0,	1.5);	(406237.5, 3758587.5,	101.7,	1.5);
(406287.5, 3758637.5,	103.8,	1.5);	(406287.5, 3758587.5,	103.8,	1.5);
(406337.5, 3758637.5,	105.0,	1.5);	(406337.5, 3758587.5,	105.0,	1.5);
(406387.5, 3758637.5,	107.0,	1.5);	(406387.5, 3758587.5,	106.0,	1.5);
(406437.5, 3758637.5,	109.0,	1.5);	(406437.5, 3758587.5,	108.0,	1.5);
(406487.5, 3758637.5,	110.7,	1.5);	(406487.5, 3758587.5,	109.0,	1.5);
(406537.5, 3758637.5,	112.0,	1.5);	(406537.5, 3758587.5,	110.7,	1.5);
(406587.5, 3758587.5,	111.0,	1.5);	(406737.5, 3758587.5,	113.9,	1.5);
(406787.5, 3758587.5,	115.7,	1.5);	(406837.5, 3758587.5,	113.1,	1.5);
(406887.5, 3758587.5,	108.0,	1.5);	(406937.5, 3758587.5,	116.0,	1.5);
(406987.5, 3758587.5,	118.0,	1.5);	(407037.5, 3758587.5,	121.8,	1.5);
(407087.5, 3758587.5,	123.0,	1.5);	(407137.5, 3758587.5,	126.0,	1.5);
(407187.5, 3758587.5,	132.6,	1.5);	(407237.5, 3758587.5,	137.7,	1.5);
(407287.5, 3758587.5,	139.0,	1.5);	(407337.5, 3758587.5,	143.8,	1.5);
(407387.5, 3758587.5,	150.3,	1.5);	(407437.5, 3758587.5,	154.7,	1.5);
(407487.5, 3758587.5,	151.4,	1.5);	(407537.5, 3758587.5,	0.0,	1.5);
(407587.5, 3758587.5,	0.0,	1.5);	(407637.5, 3758587.5,	0.0,	1.5);
(407687.5, 3758587.5,	0.0,	1.5);	(407737.5, 3758587.5,	0.0,	1.5);
(407787.5, 3758587.5,	0.0,	1.5);	(407837.5, 3758587.5,	0.0,	1.5);
(407887.5, 3758587.5,	0.0,	1.5);	(407937.5, 3758587.5,	0.0,	1.5);
(407987.5, 3758587.5,	0.0,	1.5);	(408037.5, 3758587.5,	0.0,	1.5);
(408087.5, 3758587.5,	0.0,	1.5);	(408749.8, 3760427.5,	0.0,	0.0);
(408576.4, 3760430.5,	0.0,	0.0);	(408341.8, 3760655.3,	0.0,	0.0);
(408422.1, 3760726.5,	0.0,	0.0);	(408512.5, 3760597.3,	0.0,	0.0);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(408737.2, 3760284.3,	0.0,	0.0);	(407589.2, 3757492.8,	0.0,	0.0);
(406297.8, 3757662.0,	87.0,	0.0);	(406584.2, 3757389.8,	79.0,	0.0);
(407118.8, 3757983.5,	114.2,	0.0);	(406874.3, 3758349.8,	116.0,	0.0);
(406620.2, 3758321.0,	107.0,	0.0);	(406622.5, 3757771.8,	94.1,	0.0);
(406913.0, 3757488.0,	86.7,	0.0);	(406700.6, 3757538.3,	87.1,	0.0);
(407066.2, 3757290.8,	86.2,	0.0);	(407127.3, 3757406.5,	92.0,	0.0);
(408971.5, 3759219.3,	0.0,	0.0);	(408922.5, 3758958.8,	0.0,	0.0);
(408826.5, 3758876.0,	0.0,	0.0);	(409072.4, 3758868.3,	0.0,	0.0);
(408995.0, 3758728.5,	0.0,	0.0);	(408227.3, 3758224.5,	0.0,	0.0);
(408139.7, 3758492.5,	0.0,	0.0);	(408582.0, 3758154.3,	0.0,	0.0);
(408461.6, 3758025.8,	0.0,	0.0);	(407729.4, 3758130.8,	0.0,	0.0);
(407645.4, 3757976.3,	0.0,	0.0);	(407482.9, 3757723.5,	130.9,	0.0);
(405320.4, 3759820.0,	121.0,	0.0);	(405904.1, 3759261.5,	124.5,	0.0);
(405691.5, 3759433.3,	136.0,	0.0);	(405617.4, 3759631.3,	165.1,	0.0);
(405524.7, 3759523.8,	131.7,	0.0);	(405402.4, 3759491.8,	129.0,	0.0);
(405646.0, 3759323.0,	120.1,	0.0);	(405616.3, 3759173.5,	105.0,	0.0);
(405512.6, 3759095.0,	98.0,	0.0);	(405377.5, 3759043.0,	95.0,	0.0);
(405466.3, 3758975.8,	94.0,	0.0);	(405527.8, 3758925.3,	94.0,	0.0);
(406550.6, 3758915.0,	116.0,	0.0);	(406480.5, 3759093.0,	123.0,	0.0);

Appendix B

Table with columns A-F and values from 0.00000E+00 to .35000E-01. Includes header: NOx Peak Hour Emissions Unmitigated

*** ISCS T3 - VERSION 02035 *** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

FILE: c:\ISC\whittier.asc
FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)
SURFACE STATION NO.: 53114 UPPER AIR STATION NO.: 91919
NAME: LOSANGELES NAME: LOSANGELES
YEAR: 1981 YEAR: 1981

Table with columns: YR MN DY HR FLOW VECTOR, SPEED (M/S), TEMP (K), STAB CLASS, MIXING HEIGHT (M) RURAL URBAN, USTAR (M/S), M-O LENGTH (M), Z-0 (M), IPCODE, PRATE (mm/HR)

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

*** ISCS T3 - VERSION 02035 *** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK HR NOx emissions

07/29/11
11:31:22
PAGE 47

**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH)

Appendix B

NOx Peak Hour Emissions Unmitigated

409690.25	3759021.25	18.46476	(81090808)	409665.25	3759021.50	18.41586	(81090808)
409640.25	3759021.75	18.36249	(81090808)	409615.25	3759022.25	18.31515	(81090808)
409590.25	3759022.50	18.25259	(81090808)	409565.25	3759022.75	18.18509	(81090808)
409540.25	3759023.25	18.23643	(81021308)	409515.28	3759024.25	18.44773	(81021308)
409490.28	3759025.25	18.65958	(81021308)	409465.31	3759026.50	18.86730	(81021308)
409440.34	3759027.00	19.08647	(81021308)	409415.34	3759027.75	19.30121	(81021308)
409390.34	3759027.75	19.52458	(81021308)	409365.34	3759028.50	19.73612	(81021308)
409340.34	3759029.00	19.94859	(81021308)	409315.38	3759029.50	20.15809	(81021308)
409290.38	3759030.00	20.36473	(81021308)	409265.38	3759030.50	20.56777	(81021308)
409240.38	3759031.00	20.76672	(81021308)	409215.38	3759031.50	20.96103	(81021308)
409190.38	3759032.00	21.15015	(81021308)	409165.41	3759032.50	21.33325	(81021308)
409140.41	3759033.00	21.51015	(81021308)	409115.41	3759033.50	21.67993	(81021308)
409090.41	3759034.00	21.84187	(81021308)	409065.41	3759034.50	21.99522	(81021308)
409040.41	3759035.00	22.13916	(81021308)	409015.44	3759035.50	22.27269	(81021308)
408990.44	3759036.25	22.39841	(81021308)	408965.44	3759036.75	22.50946	(81021308)
408940.44	3759037.25	22.60745	(81021308)	408915.44	3759037.75	22.69136	(81021308)
408890.47	3759038.25	22.76006	(81021308)	408865.47	3759038.75	22.81257	(81021308)
408840.47	3759039.25	22.84765	(81021308)	408815.47	3759039.75	22.86411	(81021308)
408790.47	3759040.25	22.86069	(81021308)	408765.47	3759040.75	22.83616	(81021308)
408740.50	3759041.25	22.78930	(81021308)	408715.50	3759041.75	22.71866	(81021308)
408690.50	3759042.25	22.62297	(81021308)	408665.50	3759042.75	23.04948	(81082008)
408640.50	3759043.25	24.06707	(81082008)	408615.50	3759044.00	25.09383	(81082008)
408590.53	3759044.50	26.16982	(81082008)	408581.91	3759028.75	27.87022	(81082008)

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions *** 11:31:22
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 48

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1, 2, 3, 4

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
408581.59	3759004.00	29.76307	(81082008)	408581.28	3758979.00	31.41052	(81082008)
408580.97	3758954.00	32.74736	(81082008)	408580.66	3758929.00	33.73895	(81082008)
408580.31	3758904.00	34.36327	(81082008)	408580.00	3758879.00	34.60826	(81082008)
408579.69	3758854.00	34.47711	(81082008)	408579.38	3758829.00	33.98377	(81082008)
408579.06	3758804.00	33.15282	(81082008)	408578.75	3758779.00	32.01769	(81082008)
408578.44	3758754.00	30.61871	(81082008)	408578.13	3758729.00	29.00102	(81082008)
408567.84	3758707.50	27.21020	(81082008)	408550.69	3758689.50	25.30914	(81082008)
408533.56	3758671.25	23.23759	(81082008)	408513.78	3758658.50	21.43606	(81082008)
408488.78	3758658.75	20.49064	(81082008)	408463.78	3758659.25	19.77174	(81082709)
408438.78	3758659.75	20.65215	(81082709)	408413.78	3758660.25	21.53713	(81082709)
408388.78	3758660.50	22.42972	(81082709)	408363.78	3758661.00	23.30757	(81082709)
408338.81	3758661.50	24.17171	(81082709)	408313.81	3758662.00	25.01729	(81082709)
408288.81	3758662.50	25.83544	(81082709)	408263.81	3758662.75	26.62225	(81082709)
408238.81	3758663.25	27.35855	(81082709)	408213.81	3758663.75	28.04007	(81082709)
408188.81	3758664.25	28.65656	(81082709)	408163.81	3758664.50	29.19727	(81082709)
408138.84	3758665.00	29.64950	(81082709)	408113.84	3758665.50	30.00447	(81082709)
408088.84	3758666.00	30.25048	(81082709)	408063.84	3758666.25	30.94550	(81010509)
408038.84	3758666.75	31.59576	(81010509)	408013.84	3758667.25	32.15433	(81032207)
407988.84	3758667.75	35.12917	(81032207)	407963.84	3758668.25	38.07000	(81032207)
407938.84	3758668.50	40.91901	(81032207)	407913.88	3758669.00	43.55526	(81032207)

Appendix B

			NOx Peak Hour Emissions Unmitigated (81032207)				
407888.88	3758669.50	45.91417	407863.88	3758670.00	47.89854	(81032207)	
407838.88	3758670.25	49.41281	407813.88	3758670.75	50.36794	(81032207)	
407788.88	3758671.25	50.69088	407763.88	3758671.75	50.32334	(81032207)	
407738.88	3758672.25	49.23109	407713.91	3758672.50	47.38279	(81032207)	
407688.91	3758673.00	44.85864	407663.91	3758673.50	41.70148	(81032207)	
407638.91	3758674.00	38.01264	407613.91	3758674.25	40.36943	(81020708)	
407588.91	3758674.75	44.54870	407563.91	3758675.25	48.16407	(81020708)	
407538.91	3758675.75	50.95108	407513.94	3758676.25	107.83615	(81012522)	
407488.91	3758676.75	122.77327	407463.97	3758678.00	126.64059	(81011324)	
407439.00	3758679.25	129.25307	407414.03	3758680.75	124.25778	(81101706)	
407389.06	3758682.00	119.72865	407364.09	3758683.25	114.45102	(81122403)	
407339.13	3758684.75	106.53397	407314.16	3758686.00	98.78760	(81092505)	
407289.19	3758687.25	95.34592	407264.22	3758688.75	88.03418	(81022505)	
407239.28	3758690.00	83.67748	407214.31	3758691.25	78.49156	(81010904)	
407189.34	3758692.75	64.53082	407164.38	3758694.00	50.35105	(81012924)	
407139.41	3758695.25	39.63622	407114.44	3758696.50	36.29604	(81011002)	
407089.50	3758698.00	39.62275	407065.69	3758703.50	42.97643	(81021408)	
407045.13	3758717.75	44.66125	407024.56	3758731.75	44.83571	(81021408)	
407004.03	3758746.00	43.45549	406983.47	3758760.25	43.56950	(81012923)	
406962.94	3758774.50	43.62030	406942.38	3758788.75	41.84916	(81122205)	

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions *** 11:31:22
 **MODELOPTs: PAGE 49

CONC		URBAN ELEV FLGPOL		NOCALM			
		*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***				***	
		INCLUDING SOURCE(S): 1, 2, 3, 4,					
*** DISCRETE CARTESIAN RECEPTOR POINTS ***							
		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)
406921.81	3758803.00	40.05808	(81031505)	406901.25	3758817.25	36.77130	(81032804)
406883.91	3758804.50	33.06039	(81080607)	406866.50	3758786.50	33.40067	(81080607)
406849.06	3758768.50	35.12569	(81031403)	406828.84	3758753.75	34.08327	(81080607)
406808.59	3758739.00	34.28027	(81080607)	406788.38	3758724.50	34.38316	(81080607)
406768.13	3758709.75	34.31814	(81080607)	406747.91	3758695.00	34.05426	(81080607)
406730.00	3758678.50	33.78640	(81080607)	406717.97	3758656.75	33.99707	(81080607)
406705.94	3758634.75	34.18456	(81080607)	406693.88	3758612.75	34.37349	(81080607)
406681.84	3758591.00	34.46426	(81080607)	406667.50	3758575.50	34.05448	(81080607)
406646.56	3758589.25	31.55111	(81080607)	406625.63	3758603.00	28.51053	(81080607)
406625.50	3758621.50	27.35125	(81080607)	406639.09	3758642.50	27.59831	(81080607)
406652.69	3758663.50	27.73375	(81080607)	406666.25	3758684.50	27.81974	(81080607)
406679.84	3758705.50	27.78823	(81080607)	406693.44	3758726.50	27.75333	(81080607)
406707.03	3758747.50	27.65943	(81080607)	406720.81	3758768.00	27.57080	(81080607)
406700.25	3758782.00	26.29570	(81122402)	406681.69	3758797.25	26.62267	(81020321)
406695.59	3758818.00	25.41271	(81030806)	406709.50	3758839.00	25.33757	(81030806)
406723.44	3758859.75	25.35754	(81061607)	406737.34	3758880.50	25.83963	(81010201)
406756.84	3758895.50	26.66100	(81120106)	406778.28	3758908.50	28.51439	(81122407)
406799.72	3758921.25	31.57317	(81020702)	406821.16	3758934.25	32.88490	(81020705)
406830.97	3758956.25	34.45790	(81112124)	406839.75	3758979.75	35.74833	(81122407)
406848.53	3759003.25	41.71780	(81010201)	406844.09	3759021.75	48.34137	(81022704)
406823.38	3759035.75	59.69465	(81112002)	406802.63	3759049.75	60.65802	(81033104)
406781.88	3759063.75	60.24315	(81103004)	406761.16	3759077.75	59.75398	(81011807)
406740.41	3759091.50	48.92474	(81101501)	406747.50	3759112.50	51.56029	(81030307)
406760.22	3759134.00	55.86542	(81101324)	406747.75	3759150.00	49.13555	(81050504)

Appendix B

NOx Peak Hour Emissions Unmitigated

406732.22	3759166.50	45.37366	(81121101)	406714.66	3759177.00	46.65964	(81040605)
406693.59	3759190.50	48.84541	(81112003)	406672.50	3759204.00	48.99793	(81033103)
406651.41	3759217.25	49.58165	(81122608)	406630.34	3759230.75	48.46901	(81110904)
406609.25	3759244.25	47.09839	(81022606)	406588.16	3759257.75	45.59041	(81120404)
406567.09	3759271.00	43.24262	(81122424)	406546.00	3759284.50	42.01621	(81030224)
406524.91	3759298.00	40.75347	(81122207)	406503.81	3759311.50	38.83923	(81112104)
406482.75	3759324.75	39.73925	(81112004)	406461.66	3759338.25	41.95950	(81103007)
406440.59	3759351.75	43.80119	(81112003)	406419.50	3759365.25	46.18739	(81040402)
406398.41	3759378.50	52.82706	(81121503)	406377.03	3759392.25	62.38112	(81122608)
406375.66	3759417.25	63.05170	(81120824)	406374.28	3759442.25	69.16978	(81031402)
406372.91	3759467.25	71.45444	(81013002)	406351.53	3759469.50	89.21542	(81013002)
406326.53	3759468.75	99.09655	(81013002)	406301.56	3759468.00	105.08517	(81122424)
406276.56	3759467.25	100.76065	(81122424)	406251.56	3759466.50	96.13033	(81122424)
406226.59	3759465.75	94.32320	(81122424)	406201.59	3759465.00	89.43199	(81030801)
406176.59	3759464.25	67.90321	(81122521)	406171.34	3759484.50	55.68486	(81112107)
406171.63	3759509.50	48.74052	(81030801)	406171.91	3759534.50	51.31179	(81030804)

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions *** 11:31:22
 **MODELOPTs: PAGE 50

CONC URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406172.19	3759559.50	58.17562	(81122905)	406172.47	3759584.50	68.74541	(81112906)
406172.75	3759609.50	80.11613	(81122504)	406173.03	3759634.50	99.06698	(81111122)
406173.28	3759659.50	106.08141	(81122824)	406173.56	3759684.50	125.29121	(81112605)
406173.84	3759709.50	126.93704	(81022405)	406174.13	3759734.50	120.16737	(81122722)
406174.41	3759759.50	130.57520	(81021807)	406174.69	3759784.50	130.08827	(81121602)
406174.97	3759809.50	123.03602	(81122724)	406175.22	3759834.50	123.88232	(81110401)
406175.50	3759859.50	114.95255	(81030903)	406152.34	3759859.50	98.82629	(81030903)
406127.34	3759859.00	84.50097	(81030903)	406102.34	3759858.25	88.13722	(81121820)
406077.38	3759857.50	121.88856	(81120923)	406052.38	3759856.75	119.59581	(81120923)
406041.31	3759871.00	118.63908	(81110401)	406041.56	3759896.00	118.14487	(81030903)
406041.84	3759921.00	117.68459	(81122822)	406042.09	3759946.00	118.84476	(81122507)
406042.38	3759971.00	126.91671	(81122507)	406067.34	3759972.50	128.01788	(81122507)
406092.34	3759973.50	122.72447	(81122507)	406117.31	3759974.25	121.27860	(81122901)
406142.31	3759975.00	123.18221	(81122201)	406167.31	3759975.75	99.77817	(81122605)
406187.16	3759980.75	104.15105	(81122904)	406187.44	3760005.75	104.10280	(81110704)
406187.69	3760030.75	107.47334	(81122206)	406187.97	3760055.75	113.30322	(81120722)
406188.25	3760080.75	122.69875	(81122503)	406188.50	3760105.75	120.95020	(81121505)
406188.78	3760130.75	120.23615	(81010908)	406189.06	3760155.75	119.29324	(81022701)
406189.31	3760180.75	117.98119	(81122907)	406189.59	3760205.75	124.09864	(81122907)
406189.88	3760230.75	129.17140	(81122907)	406190.13	3760255.50	127.69099	(81122907)
406198.22	3760273.75	126.41103	(81122907)	406223.22	3760274.50	130.94920	(81122502)
406248.19	3760275.25	134.50591	(81122502)	406270.56	3760282.00	136.98972	(81122502)
406289.75	3760298.25	137.53189	(81122502)	406308.91	3760314.25	137.59590	(81061520)
406328.09	3760330.25	136.09256	(81061520)	406347.25	3760346.25	135.21848	(81120905)
406366.44	3760362.25	135.39696	(81120905)	406385.59	3760378.50	137.60847	(81061520)
406404.78	3760394.50	137.21126	(81061520)	406423.94	3760410.50	137.42680	(81061520)
406438.56	3760430.50	133.65492	(81120905)	406453.13	3760451.00	128.91406	(81061420)

Appendix B

		NOx Peak Hour Emissions Unmitigated					
		(81061420)	(81061420)	406439.66	3760465.75	123.00753	(81061420)
406464.50	3760468.50	125.28176	(81061420)	406390.31	3760458.25	118.61010	(81061420)
406414.84	3760462.75	120.59273	(81061420)	406354.47	3760461.75	115.26304	(81061420)
406365.97	3760452.75	117.43085	(81061420)	406383.81	3760497.00	118.46046	(81120905)
406362.25	3760484.25	117.68988	(81061420)	406422.63	3760527.50	118.08140	(81120905)
406405.22	3760509.75	118.75606	(81123108)	406459.63	3760554.25	114.02235	(81061420)
406440.06	3760545.50	117.15650	(81122909)	406504.78	3760532.75	115.07013	(81061420)
406482.22	3760543.50	114.55369	(81061420)	406549.91	3760511.25	119.05183	(81061420)
406527.34	3760522.00	116.86456	(81061420)	406596.63	3760494.75	122.51651	(81042820)
406572.50	3760500.50	120.89056	(81061420)	406645.00	3760486.75	124.54168	(81042820)
406621.09	3760489.75	125.25442	(81042820)	406684.06	3760513.00	123.76194	(81042820)
406667.09	3760498.50	123.49963	(81042820)	406687.41	3760563.00	118.61977	(81042820)
406685.72	3760538.00	121.53898	(81042820)	406690.72	3760612.75	114.52171	(81042820)
406689.06	3760587.75	116.12015	(81042820)				

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 MODELOPTs: * ANALYSIS PEAK HR NOx emissions *** 11:31:22
 CONC URBAN ELEV FLGPPOL NOCALM PAGE 51

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406692.41	3760637.75	111.41286	(81042820)	406694.06	3760662.75	106.76097	(81042820)
406695.72	3760687.75	102.41183	(81042820)	406694.03	3760710.75	99.20894	(81042820)
406675.66	3760727.75	96.58163	(81042820)	406657.31	3760744.75	93.87929	(81042820)
406638.94	3760761.75	92.21062	(81042820)	406620.59	3760778.75	90.41178	(81042820)
406600.09	3760790.50	88.37815	(81042820)	406575.31	3760793.75	86.88315	(81042820)
406550.50	3760796.75	85.81738	(81042820)	406525.72	3760800.00	84.64045	(81042820)
406500.91	3760803.25	83.55632	(81042820)	406478.03	3760812.00	82.48070	(81042820)
406457.19	3760826.00	80.87112	(81042820)	406436.38	3760839.75	79.16637	(81042820)
406415.53	3760853.50	77.87080	(81061420)	406392.28	3760856.25	77.53279	(81061420)
406367.41	3760853.75	76.75262	(81061420)	406342.53	3760851.25	76.20525	(81061420)
406317.66	3760848.75	75.47778	(81061420)	406292.78	3760846.00	74.72181	(81061420)
406267.91	3760843.50	73.38171	(81061420)	406244.09	3760836.50	72.23061	(81061420)
406220.34	3760828.75	71.66217	(81061420)	406196.59	3760821.00	71.33231	(81061420)
406172.84	3760813.25	71.44748	(81061420)	406149.09	3760805.25	71.09972	(81061420)
406125.34	3760797.50	70.75569	(81061420)	406105.59	3760782.50	70.76991	(81061420)
406085.88	3760767.25	71.99907	(81061420)	406083.44	3760744.00	73.20884	(81061420)
406083.94	3760719.00	74.86053	(81061420)	406084.44	3760694.00	77.22681	(81061420)
406073.81	3760679.50	78.13200	(81061420)	406048.81	3760680.25	77.07686	(81061620)
406023.81	3760681.00	77.03454	(81061520)	405998.84	3760681.75	88.08913	(81122520)
405973.84	3760682.50	87.28601	(81122320)	405948.84	3760683.25	86.60764	(81122823)
405923.88	3760684.00	85.60477	(81123106)	405898.88	3760684.75	85.06377	(81020407)
405873.91	3760685.50	84.07544	(81123107)	405848.91	3760686.25	85.46259	(81123107)
405823.91	3760687.00	82.13939	(81022305)	405798.94	3760687.75	79.90691	(81120204)
405774.47	3760683.75	79.84014	(81041222)	405749.56	3760682.25	82.06276	(81122703)
405724.56	3760682.50	79.09996	(81012419)	405699.56	3760682.75	80.10722	(81022304)
405674.56	3760683.00	79.45779	(81022304)	405649.56	3760683.25	76.42908	(81122801)
405632.09	3760691.50	75.62413	(81061402)	405632.81	3760716.50	75.35017	(81122801)
405633.53	3760741.50	74.75842	(81022304)	405634.22	3760766.50	73.86847	(81122703)
405634.94	3760791.50	73.53081	(81122703)	405635.63	3760816.50	72.74951	(81041222)
405636.34	3760841.50	72.26874	(81122807)	405637.06	3760866.50	71.64256	(81022305)
405637.75	3760891.50	70.88629	(81123107)	405638.47	3760916.50	70.10756	(81020407)

Appendix B

NOx Peak Hour Emissions Unmitigated

405639.16	3760941.50	69.77465	(81020407)	405639.88	3760966.50	69.03288	(81030723)
405644.09	3760990.75	68.62872	(81122823)	405653.31	3761014.00	68.14636	(81122320)
405653.75	3761039.00	67.56508	(81122520)	405654.16	3761064.00	66.87440	(81041223)
405654.53	3761089.00	66.34750	(81122623)	405672.81	3761096.25	66.32782	(81122623)
405697.78	3761095.50	66.93143	(81101724)	405722.78	3761095.00	67.39991	(81091701)
405747.78	3761094.50	68.33842	(81122502)	405772.78	3761093.75	68.65326	(81122502)
405797.75	3761093.25	69.24014	(81122602)	405822.75	3761092.50	69.99912	(81122808)
405847.75	3761092.00	70.63737	(81122522)	405872.75	3761091.50	71.07967	(81122704)
405897.72	3761090.75	71.70329	(81101404)	405922.72	3761090.25	72.21120	(81121905)

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*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
405947.72	3761089.50	72.41583	(81081123)	405972.72	3761089.00	73.23013	(81050423)
405997.72	3761088.50	73.81943	(81120502)	406022.69	3761087.75	74.41206	(81120502)
406047.69	3761087.25	74.84593	(81121719)	406072.69	3761086.50	57.52990	(81061420)
406097.69	3761086.00	58.22224	(81061420)	406122.66	3761085.50	65.04984	(81033004)
406147.66	3761084.75	77.36686	(81112907)	406172.66	3761084.25	77.71050	(81112907)
406197.66	3761083.50	78.17413	(81121519)	406222.66	3761083.00	78.77274	(81121123)
406247.63	3761082.50	79.54330	(81112507)	406272.63	3761081.75	79.99501	(81112824)
406297.63	3761081.25	80.36508	(81112824)	406322.59	3761080.50	80.92682	(81120620)
406347.59	3761080.00	81.38414	(81051223)	406372.59	3761079.50	81.87377	(81112018)
406397.59	3761078.75	82.57121	(81030322)	406422.59	3761078.25	82.77281	(81102221)
406447.56	3761077.50	83.28439	(81032006)	406472.56	3761077.00	84.01646	(81101222)
406497.56	3761076.50	84.55167	(81040804)	406522.56	3761075.75	84.76241	(81041224)
406547.53	3761075.25	71.54801	(81082621)	406572.53	3761074.50	72.00029	(81041904)
406597.53	3761074.00	72.87310	(81082621)	406622.53	3761073.50	73.07663	(81041904)
406647.53	3761072.75	73.67285	(81041904)	406672.50	3761072.25	75.04459	(81082621)
406697.50	3761071.50	74.47833	(81042820)	406722.50	3761071.00	74.09156	(81042820)
406747.50	3761070.50	75.73692	(81082621)	406772.50	3761069.75	88.25420	(81030320)
406797.47	3761069.25	76.43011	(81041904)	406822.47	3761068.50	74.41308	(81081407)
406847.47	3761068.00	73.62408	(81081407)	406872.47	3761067.50	73.62253	(81081407)
406897.44	3761066.75	74.61083	(81081407)	406922.44	3761066.25	76.10952	(81081407)
406947.44	3761065.50	78.23328	(81122809)	406972.41	3761065.00	78.50167	(81122809)
406997.41	3761064.50	78.62054	(81122809)	407021.13	3761061.75	76.86826	(81081007)
407020.31	3761036.75	80.99538	(81122809)	407019.50	3761011.75	80.19630	(81081007)
407018.69	3760986.75	78.84630	(81081007)	407017.84	3760961.75	77.45890	(81081007)
407017.03	3760936.75	76.75051	(81081007)	407016.22	3760911.75	75.80507	(81081007)
407015.41	3760886.75	77.02602	(81081007)	407014.59	3760861.75	80.57201	(81081007)
407013.75	3760836.75	84.50565	(81081007)	407012.94	3760811.75	87.89651	(81081007)
407012.13	3760787.00	91.72742	(81081007)	407011.31	3760762.00	96.97595	(81081007)
407010.47	3760737.00	103.40076	(81081007)	407009.66	3760712.00	110.47021	(81081007)
407008.84	3760687.00	118.82363	(81081007)	407008.03	3760662.00	126.67249	(81081007)
407031.94	3760661.50	129.29591	(81082621)	407056.94	3760661.25	130.53972	(81012501)
407081.94	3760661.25	131.78320	(81012501)	407106.94	3760661.00	127.20560	(81081007)
407131.91	3760660.75	122.15642	(81081007)	407156.94	3760660.50	119.50191	(81081007)
407181.94	3760660.25	114.53275	(81081007)	407206.91	3760660.00	109.44700	(81081007)

Appendix B

		NOx Peak Hour Emissions Unmitigated					
		(81081007)	(81081007)	407256.91	3760659.75	103.51359	(81081007)
407231.91	3760660.00	105.23525	(81081007)	407306.91	3760659.25	108.05820	(81081007)
407281.91	3760659.50	105.11720	(81081007)	407356.91	3760659.00	106.69396	(81081007)
407331.91	3760659.00	109.82131	(81081007)	407406.91	3760658.50	105.11110	(81081319)
407381.91	3760658.75	105.65317	(81081007)	407456.91	3760658.00	99.94099	(81082619)
407431.91	3760658.25	102.24300	(81082619)	407506.91	3760657.75	99.81483	(81082619)
407481.91	3760657.75	98.30234	(81082619)				

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*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER IN MICROGRAMS/M**3					
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407531.91	3760657.50	100.45111	(81082619)	407556.91	3760657.25	30.01105	(81120716)
407581.91	3760657.00	28.96895	(81120716)	407606.91	3760656.75	28.77439	(81102209)
407631.91	3760656.75	31.46036	(81102209)	407656.91	3760656.50	33.81701	(81102209)
407681.91	3760656.25	35.74331	(81102209)	407706.91	3760656.00	37.17918	(81102209)
407731.91	3760655.75	38.08823	(81102209)	407756.91	3760655.50	38.45852	(81102209)
407781.91	3760655.50	38.29784	(81102209)	407806.91	3760655.25	37.64867	(81102209)
407831.91	3760655.00	36.55289	(81102209)	407856.91	3760654.75	35.07188	(81102209)
407881.91	3760654.50	33.27491	(81102209)	407906.91	3760654.25	31.23486	(81102209)
407931.91	3760654.25	29.03649	(81102209)	407956.91	3760654.00	26.72503	(81102209)
407981.91	3760653.75	24.37364	(81102209)	408006.91	3760653.50	24.07780	(81091609)
408031.88	3760653.25	24.48495	(81091609)	408056.88	3760653.25	24.76129	(81091609)
408081.91	3760653.00	25.08732	(81110309)	408106.91	3760652.75	26.05983	(81061807)
408131.88	3760652.50	27.68927	(81061807)	408156.88	3760652.25	29.17066	(81061807)
408181.88	3760652.00	30.48201	(81061807)	408206.88	3760652.00	31.59078	(81061807)
408225.75	3760645.00	32.73110	(81061807)	408224.94	3760620.00	34.13803	(81061807)
408224.16	3760595.00	35.35717	(81061807)	408223.34	3760570.00	36.35143	(81061807)
408222.56	3760545.00	37.08786	(81061807)	408221.75	3760520.00	37.53669	(81061807)
408220.94	3760495.00	37.67368	(81061807)	408220.16	3760470.00	38.59639	(81061907)
408219.34	3760445.00	39.65799	(81061907)	408218.56	3760420.00	40.36975	(81061907)
408217.75	3760395.00	40.69598	(81061907)	408216.94	3760370.00	40.61009	(81061907)
408216.16	3760345.00	40.09579	(81061907)	408215.34	3760320.00	39.15493	(81061907)
408214.56	3760295.00	37.79764	(81061907)	408213.75	3760270.00	36.05674	(81061907)
408212.97	3760245.25	33.99361	(81061907)	408212.16	3760220.25	31.62557	(81061907)
408211.38	3760195.25	29.03303	(81061907)	408210.56	3760170.25	31.40167	(81062107)
408209.75	3760145.25	33.85565	(81062107)	408208.97	3760120.25	35.97269	(81062107)
408208.16	3760095.25	37.64956	(81062107)	408207.38	3760070.25	38.79663	(81062107)
408206.56	3760045.25	39.34385	(81062107)	408205.75	3760020.25	39.24757	(81062107)
408204.97	3759995.25	38.49458	(81062107)	408204.16	3759970.25	37.10966	(81062107)
408203.38	3759945.25	35.14674	(81062107)	408202.56	3759920.25	32.69615	(81062107)
408201.78	3759895.25	29.86565	(81062107)	408200.97	3759870.25	26.78487	(81062107)
408201.59	3759847.50	25.94542	(81062108)	408226.56	3759847.25	25.73001	(81062108)
408251.56	3759846.75	25.49386	(81062108)	408276.56	3759846.25	25.23681	(81062108)
408301.56	3759846.00	24.96105	(81062108)	408326.56	3759845.50	24.67193	(81062108)
408351.56	3759845.25	24.50837	(81021409)	408376.56	3759844.75	24.36237	(81021409)
408401.56	3759844.50	24.19735	(81021409)	408426.56	3759844.00	24.02954	(81021409)
408451.53	3759843.75	23.84706	(81021409)	408476.53	3759843.25	23.66298	(81021409)
408501.53	3759842.75	23.47224	(81021409)	408526.53	3759842.50	23.27158	(81021409)
408551.53	3759842.00	23.07098	(81021409)	408576.53	3759841.75	22.90841	(81071908)

Appendix B

NOx Peak Hour Emissions Unmitigated

408601.53 3759841.25 22.83235 (81071908) 408626.53 3759841.00 22.74011 (81071908)
 408651.53 3759840.50 22.65332 (81071908) 408676.53 3759840.25 22.55227 (81071908)

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*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
408701.53	3759839.75	22.45669	(81071908)	408726.50	3759839.50	22.34868	(81071908)
408751.50	3759839.00	22.24599	(81071908)	408776.50	3759838.50	22.14009	(81071908)
408801.50	3759838.25	22.02382	(81071908)	408826.50	3759837.75	21.91287	(81071908)
408851.50	3759837.50	21.79281	(81071908)	408876.50	3759837.00	21.67793	(81071908)
408901.50	3759836.75	21.55505	(81071908)	408926.50	3759836.25	21.43720	(81071908)
408951.50	3759836.00	21.31239	(81071908)	408976.47	3759835.50	21.19255	(81071908)
409001.50	3759835.00	21.07145	(81071908)	409026.47	3759834.75	20.94500	(81071908)
409051.47	3759834.25	20.82291	(81071908)	409076.47	3759834.00	20.69591	(81071908)
409101.47	3759833.50	20.57322	(81071908)	409126.47	3759833.25	20.44628	(81071908)
409151.47	3759833.00	20.31962	(81071908)	409176.47	3759832.50	20.19694	(81071908)
409201.47	3759832.25	20.07089	(81071908)	409226.47	3759832.00	19.94534	(81071908)
409251.47	3759831.50	19.82344	(81071908)	409276.44	3759831.25	19.69906	(81071908)
409301.44	3759831.00	19.57520	(81071908)	409326.44	3759830.50	19.45467	(81071908)
409351.44	3759830.25	19.33213	(81071908)	409376.44	3759830.00	19.21039	(81071908)
409401.44	3759829.50	19.09167	(81071908)	409426.44	3759829.25	18.97147	(81071908)
409451.44	3759829.00	18.85216	(81071908)	409476.44	3759828.50	18.73557	(81071908)
409501.44	3759828.25	18.61797	(81071908)	409526.44	3759828.00	18.50131	(81071908)
409551.44	3759827.50	18.38710	(81071908)	409576.44	3759827.25	18.27226	(81071908)
409601.44	3759827.00	18.15840	(81071908)	409626.41	3759826.50	18.04687	(81071908)
409651.44	3759826.25	17.93475	(81071908)	409676.41	3759826.00	17.82393	(81071908)
409700.88	3759821.50	17.73113	(81071908)	409724.59	3759813.50	17.64645	(81071908)
409748.28	3759805.75	17.55223	(81071908)	409772.00	3759797.75	17.44954	(81071908)
407390.94	3759093.50	70.24568	(81013107)	407365.13	3759080.25	75.09573	(81013006)
407339.78	3759067.50	87.14561	(81020122)	407316.59	3759058.75	100.63470	(81020403)
407283.19	3759053.00	128.20798	(81011704)	407252.94	3759048.75	141.47125	(81020307)
407225.69	3759048.50	146.64926	(81012606)	407196.97	3759050.00	137.11620	(81020124)
407179.00	3759048.00	121.47862	(81012604)	407162.81	3759027.25	110.50075	(81020706)
407144.13	3759004.00	91.50494	(81013005)	407126.47	3758984.75	72.76860	(81011002)
407105.78	3758967.50	64.05194	(81120105)	407088.16	3758951.75	61.75745	(81013104)
407069.53	3758935.25	59.08875	(81012705)	407049.31	3758918.50	56.35754	(81012607)
407036.31	3758905.00	52.70788	(81012923)	407039.69	3758879.25	57.36997	(81020201)
407046.66	3758854.25	54.74257	(81012602)	407052.50	3758829.00	54.68728	(81010603)
407055.88	3758804.50	53.52936	(81010107)	407059.22	3758781.50	51.28405	(81013104)
407066.25	3758771.75	51.14331	(81013104)	407073.94	3758765.00	49.38422	(81010705)
407083.13	3758759.50	48.14627	(81120105)	407094.38	3758756.75	48.70332	(81010903)
407109.31	3758764.25	50.69684	(81012524)	407134.59	3758776.75	51.30205	(81122305)
407157.81	3758790.75	53.99435	(81012924)	407181.59	3758803.25	57.86671	(81020706)
407205.38	3758815.75	61.01151	(81121404)	407230.69	3758833.50	67.26208	(81022505)
407254.03	3758858.25	70.50893	(81120102)	407272.69	3758877.50	70.44791	(81012606)
405962.50	3758512.50	35.29184	(81111408)	405962.50	3758487.50	35.47715	(81111408)

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

*** 07/29/11
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Appendix B

NOx Peak Hour Emissions Unmitigated

**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
405962.50	3758462.50	35.38065	(81111408)	405962.50	3758437.50	35.03544	(81111408)
405962.50	3758412.50	34.46958	(81111408)	405962.50	3758387.50	33.68629	(81111408)
405962.50	3758362.50	32.72275	(81111408)	405962.50	3758337.50	32.51189	(81082408)
405962.50	3758312.50	32.81002	(81082408)	405962.50	3758287.50	32.91801	(81082408)
405962.50	3758262.50	32.84320	(81082408)	405962.50	3758237.50	32.66658	(81061607)
405962.50	3758212.50	33.02770	(81061607)	405962.50	3758187.50	33.22472	(81061607)
405962.50	3758162.50	33.26159	(81061607)	405962.50	3758137.50	33.14986	(81061607)
405987.50	3758512.50	35.83321	(81111408)	405987.50	3758487.50	35.76443	(81111408)
405987.50	3758462.50	35.43120	(81111408)	405987.50	3758437.50	34.85205	(81111408)
405987.50	3758412.50	34.05072	(81111408)	405987.50	3758387.50	33.05887	(81111408)
405987.50	3758362.50	32.92227	(81082408)	405987.50	3758337.50	33.21201	(81082408)
405987.50	3758312.50	33.30365	(81082408)	405987.50	3758287.50	33.20532	(81082408)
405987.50	3758262.50	33.19310	(81061607)	405987.50	3758237.50	33.53734	(81061607)
405987.50	3758212.50	33.70372	(81061607)	405987.50	3758187.50	33.70621	(81061607)
405987.50	3758162.50	33.55230	(81061607)	405987.50	3758137.50	33.24972	(81061607)
406012.50	3758512.50	36.13606	(81111408)	406012.50	3758487.50	35.79944	(81111408)
406012.50	3758462.50	35.22256	(81111408)	406012.50	3758437.50	34.40616	(81111408)
406012.50	3758412.50	33.38921	(81111408)	406012.50	3758387.50	33.33650	(81082408)
406012.50	3758362.50	33.61674	(81082408)	406012.50	3758337.50	33.69021	(81082408)
406012.50	3758312.50	33.56347	(81082408)	406012.50	3758287.50	33.72950	(81061607)
406012.50	3758262.50	34.04520	(81061607)	406012.50	3758237.50	34.17984	(81061607)
406012.50	3758212.50	34.14288	(81061607)	406012.50	3758187.50	33.94807	(81061607)
406012.50	3758162.50	33.59744	(81061607)	406012.50	3758137.50	33.10489	(81061607)
406037.50	3758512.50	36.16613	(81111408)	406037.50	3758487.50	35.57427	(81111408)
406037.50	3758462.50	34.75355	(81111408)	406037.50	3758437.50	33.71188	(81111408)
406037.50	3758412.50	33.72524	(81082408)	406037.50	3758387.50	34.00809	(81082408)
406037.50	3758362.50	34.06391	(81082408)	406037.50	3758337.50	33.91459	(81082408)
406037.50	3758312.50	34.26352	(81061607)	406037.50	3758287.50	34.55009	(81061607)
406037.50	3758262.50	34.65076	(81061607)	406037.50	3758237.50	34.57541	(81061607)
406037.50	3758212.50	34.33545	(81061607)	406037.50	3758187.50	33.93277	(81061607)
406037.50	3758162.50	33.38688	(81061607)	406037.50	3758137.50	32.71186	(81061607)
406062.50	3758512.50	35.91790	(81111408)	406062.50	3758487.50	35.08405	(81111408)
406062.50	3758462.50	34.02343	(81111408)	406062.50	3758437.50	34.11721	(81082408)
406062.50	3758412.50	34.38180	(81082408)	406062.50	3758387.50	34.42187	(81082408)
406062.50	3758362.50	34.33369	(81061607)	406062.50	3758337.50	34.79165	(81061607)
406062.50	3758312.50	35.04974	(81061607)	406062.50	3758287.50	35.11417	(81061607)
406062.50	3758262.50	34.99736	(81061607)	406062.50	3758237.50	34.70600	(81061607)
406062.50	3758212.50	34.25298	(81061607)	406062.50	3758187.50	33.65639	(81061607)
406062.50	3758162.50	32.92415	(81061607)	406062.50	3758137.50	32.07491	(81061607)
406087.50	3758512.50	35.40973	(81111408)	406087.50	3758487.50	34.32121	(81111408)

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Appendix B

NOx Peak Hour Emissions Unmitigated

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406087.50	3758462.50	34.47444	(81082408)	406087.50	3758437.50	34.74445	(81082408)
406087.50	3758412.50	34.76345	(81082408)	406087.50	3758387.50	34.87636	(81061607)
406087.50	3758362.50	35.31289	(81061607)	406087.50	3758337.50	35.54332	(81061607)
406087.50	3758312.50	35.56897	(81061607)	406087.50	3758287.50	35.40344	(81061607)
406087.50	3758262.50	35.06590	(81061607)	406087.50	3758237.50	34.55534	(81061607)
406087.50	3758212.50	33.89734	(81061607)	406087.50	3758187.50	33.11006	(81061607)
406087.50	3758162.50	32.20131	(81061607)	406087.50	3758137.50	31.19396	(81061607)
406112.50	3758512.50	34.60179	(81111408)	406112.50	3758487.50	34.81999	(81082408)
406112.50	3758462.50	35.08254	(81082408)	406112.50	3758437.50	35.08526	(81082408)
406112.50	3758412.50	35.41076	(81061607)	406112.50	3758387.50	35.83632	(81061607)
406112.50	3758362.50	36.03025	(81061607)	406112.50	3758337.50	36.01431	(81061607)
406112.50	3758312.50	35.80336	(81061607)	406112.50	3758287.50	35.40409	(81061607)
406112.50	3758262.50	34.83600	(81061607)	406112.50	3758237.50	34.11610	(81061607)
406112.50	3758212.50	33.26752	(81061607)	406112.50	3758187.50	32.29710	(81061607)
406112.50	3758162.50	31.23074	(81061607)	406112.50	3758137.50	30.08240	(81061607)
406137.50	3758512.50	35.14204	(81082408)	406137.50	3758487.50	35.40163	(81082408)
406137.50	3758462.50	35.38303	(81082408)	406137.50	3758437.50	35.93793	(81061607)
406137.50	3758412.50	36.34045	(81061607)	406137.50	3758387.50	36.49911	(81061607)
406137.50	3758362.50	36.43949	(81061607)	406137.50	3758337.50	36.17446	(81061607)
406137.50	3758312.50	35.71941	(81061607)	406137.50	3758287.50	35.09150	(81061607)
406137.50	3758262.50	34.31133	(81061607)	406137.50	3758237.50	33.39368	(81061607)
406137.50	3758212.50	32.36348	(81061607)	406137.50	3758187.50	31.23560	(81061607)
406137.50	3758162.50	30.02737	(81061607)	406137.50	3758137.50	28.75934	(81061607)
406162.50	3758512.50	35.67365	(81082408)	406162.50	3758487.50	35.83128	(81061607)
406162.50	3758462.50	36.44751	(81061607)	406162.50	3758437.50	36.82167	(81061607)
406162.50	3758412.50	36.94342	(81061607)	406162.50	3758387.50	36.83832	(81061607)
406162.50	3758362.50	36.53240	(81061607)	406162.50	3758337.50	36.01797	(81061607)
406162.50	3758312.50	35.32883	(81061607)	406162.50	3758287.50	34.48229	(81061607)
406162.50	3758262.50	33.49834	(81061607)	406162.50	3758237.50	32.39929	(81061607)
406162.50	3758212.50	31.20557	(81061607)	406162.50	3758187.50	29.93691	(81061607)
406162.50	3758162.50	28.61198	(81061607)	406162.50	3758137.50	27.24825	(81061607)
406187.50	3758512.50	36.33221	(81061607)	406187.50	3758487.50	36.92796	(81061607)
406187.50	3758462.50	37.27943	(81061607)	406187.50	3758437.50	37.36235	(81061607)
406187.50	3758412.50	37.21209	(81061607)	406187.50	3758387.50	36.84175	(81061607)
406187.50	3758362.50	36.28018	(81061607)	406187.50	3758337.50	35.52460	(81061607)
406187.50	3758312.50	34.61041	(81061607)	406187.50	3758287.50	33.55979	(81061607)
406187.50	3758262.50	32.39490	(81061607)	406187.50	3758237.50	31.13741	(81061607)
406187.50	3758212.50	29.80808	(81061607)	406187.50	3758187.50	28.42645	(81061607)
406187.50	3758162.50	27.01162	(81061607)	406187.50	3758137.50	25.69763	(81120307)
406212.50	3758512.50	37.37761	(81061607)	406212.50	3758487.50	37.70029	(81061607)

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

*** 07/29/11
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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406212.50	3758462.50	37.75090	(81061607)	406212.50	3758437.50	37.54867	(81061607)

Appendix B

NOx Peak Hour Emissions Unmitigated

406212.50	3758412.50	37.13384	(81061607)	406212.50	3758387.50	36.50194	(81061607)
406212.50	3758362.50	35.67641	(81061607)	406212.50	3758337.50	34.69901	(81061607)
406212.50	3758312.50	33.58068	(81061607)	406212.50	3758287.50	32.34931	(81061607)
406212.50	3758262.50	31.02778	(81061607)	406212.50	3758237.50	29.63793	(81061607)
406212.50	3758212.50	28.20016	(81061607)	406212.50	3758187.50	26.73320	(81061607)
406212.50	3758162.50	26.41082	(81120307)	406212.50	3758137.50	26.25994	(81031006)
406237.50	3758512.50	38.05921	(81061607)	406237.50	3758487.50	38.07923	(81061607)
406237.50	3758462.50	37.84798	(81061607)	406237.50	3758437.50	37.36638	(81061607)
406237.50	3758412.50	36.68236	(81061607)	406237.50	3758387.50	35.79411	(81061607)
406237.50	3758362.50	34.74391	(81061607)	406237.50	3758337.50	33.55996	(81061607)
406237.50	3758312.50	32.26139	(81061607)	406237.50	3758287.50	30.87560	(81061607)
406237.50	3758262.50	29.42544	(81061607)	406237.50	3758237.50	27.93217	(81061607)
406237.50	3758212.50	26.69021	(81120307)	406237.50	3758187.50	26.95582	(81031006)
406237.50	3758162.50	26.62062	(81121507)	406237.50	3758137.50	26.83904	(81121507)
406262.50	3758512.50	38.35725	(81061607)	406262.50	3758487.50	38.07362	(81061607)
406262.50	3758462.50	37.54843	(81061607)	406262.50	3758437.50	36.79314	(81061607)
406262.50	3758412.50	35.85561	(81061607)	406262.50	3758387.50	34.73943	(81061607)
406262.50	3758362.50	33.48429	(81061607)	406262.50	3758337.50	32.12811	(81061607)
406262.50	3758312.50	30.68125	(81061607)	406262.50	3758287.50	29.17085	(81061607)
406262.50	3758262.50	27.62159	(81061607)	406262.50	3758237.50	26.53811	(81120307)
406262.50	3758212.50	26.60875	(81031006)	406262.50	3758187.50	26.94698	(81121507)
406262.50	3758162.50	27.08835	(81121507)	406262.50	3758137.50	26.76829	(81042106)
406287.50	3758512.50	38.25990	(81061607)	406287.50	3758487.50	37.66935	(81061607)
406287.50	3758462.50	36.85974	(81061607)	406287.50	3758437.50	35.85233	(81061607)
406287.50	3758412.50	34.67446	(81061607)	406287.50	3758387.50	33.35796	(81061607)
406287.50	3758362.50	31.92932	(81061607)	406287.50	3758337.50	30.41978	(81061607)
406287.50	3758312.50	28.86026	(81061607)	406287.50	3758287.50	27.26017	(81061607)
406287.50	3758262.50	26.61097	(81031006)	406287.50	3758237.50	26.97190	(81121507)
406287.50	3758212.50	27.21429	(81121507)	406287.50	3758187.50	26.79758	(81042106)
406287.50	3758162.50	27.08917	(81042106)	406287.50	3758137.50	27.40568	(81020401)
406312.50	3758512.50	37.74200	(81061607)	406312.50	3758487.50	36.87682	(81061607)
406312.50	3758462.50	35.79660	(81061607)	406312.50	3758437.50	34.54424	(81061607)
406312.50	3758412.50	33.16942	(81061607)	406312.50	3758387.50	31.67965	(81061607)
406312.50	3758362.50	30.10893	(81061607)	406312.50	3758337.50	28.49487	(81061607)
406312.50	3758312.50	26.84802	(81061607)	406312.50	3758287.50	26.90078	(81121507)
406312.50	3758262.50	27.25346	(81121507)	406312.50	3758237.50	27.45329	(81042106)
406312.50	3758212.50	27.25330	(81042106)	406312.50	3758187.50	27.46948	(81020401)
406312.50	3758162.50	27.32181	(81020401)	406312.50	3758137.50	27.32173	(81020606)
406337.50	3758512.50	36.80494	(81061607)	406337.50	3758487.50	35.68061	(81061607)

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

*** 07/29/11
 *** 11:31:22
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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406337.50	3758462.50	34.36425	(81061607)	406337.50	3758437.50	32.91476	(81061607)
406337.50	3758412.50	31.37211	(81061607)	406337.50	3758387.50	29.74382	(81061607)
406337.50	3758362.50	28.07170	(81061607)	406337.50	3758337.50	26.74671	(81031006)
406337.50	3758312.50	27.19160	(81121507)	406337.50	3758287.50	26.74361	(81121507)

Appendix B

		NOx Peak Hour Emissions Unmitigated					
		(81042106)	(81020401)	(81020606)	(81061607)	(81061607)	(81061607)
406337.50	3758262.50	27.13028	406337.50	3758237.50	27.45874	(81020401)	
406337.50	3758212.50	27.50126	406337.50	3758187.50	27.38360	(81110707)	
406337.50	3758162.50	27.76271	406337.50	3758137.50	27.95541	(81020606)	
406362.50	3758512.50	35.47611	406362.50	3758487.50	34.11166	(81061607)	
406362.50	3758462.50	32.59881	406362.50	3758437.50	30.99800	(81061607)	
406362.50	3758412.50	29.31816	406362.50	3758387.50	27.59792	(81061607)	
406362.50	3758362.50	27.01358	406362.50	3758337.50	27.38748	(81121507)	
406362.50	3758312.50	27.74549	406362.50	3758287.50	27.39420	(81042106)	
406362.50	3758262.50	27.85009	406362.50	3758237.50	27.43402	(81020401)	
406362.50	3758212.50	27.35041	406362.50	3758187.50	27.41045	(81020606)	
406362.50	3758162.50	27.49670	406362.50	3758137.50	27.86502	(81120708)	
406387.50	3758512.50	33.78879	406387.50	3758487.50	32.21832	(81061607)	
406387.50	3758462.50	30.55565	406387.50	3758437.50	28.83568	(81061607)	
406387.50	3758412.50	27.46122	406387.50	3758387.50	27.18278	(81121507)	
406387.50	3758362.50	27.52082	406387.50	3758337.50	27.84302	(81042106)	
406387.50	3758312.50	27.75167	406387.50	3758287.50	28.10697	(81020401)	
406387.50	3758262.50	27.78625	406387.50	3758237.50	27.43130	(81020606)	
406387.50	3758212.50	27.65910	406387.50	3758187.50	28.09373	(81120708)	
406387.50	3758162.50	28.42794	406387.50	3758137.50	28.66626	(81120708)	
406412.50	3758512.50	31.76745	406412.50	3758487.50	30.06877	(81061607)	
406412.50	3758462.50	28.29043	406412.50	3758437.50	27.66051	(81121507)	
406412.50	3758412.50	27.38411	406412.50	3758387.50	27.79265	(81042106)	
406412.50	3758362.50	28.01670	406412.50	3758337.50	28.00033	(81020401)	
406412.50	3758312.50	28.12777	406412.50	3758287.50	28.10572	(81020606)	
406412.50	3758262.50	27.76679	406412.50	3758237.50	28.25671	(81120708)	
406412.50	3758212.50	28.63466	406412.50	3758187.50	28.90889	(81120708)	
406412.50	3758162.50	29.08295	406412.50	3758137.50	29.16327	(81120708)	
406437.50	3758512.50	29.49689	406437.50	3758487.50	27.68507	(81061607)	
406437.50	3758462.50	27.21640	406437.50	3758437.50	27.44527	(81042106)	
406437.50	3758412.50	27.99867	406437.50	3758387.50	28.38216	(81020401)	
406437.50	3758362.50	28.21045	406437.50	3758337.50	28.72860	(81020606)	
406437.50	3758312.50	28.26869	406437.50	3758287.50	28.33210	(81120708)	
406437.50	3758262.50	28.76626	406437.50	3758237.50	29.09041	(81120708)	
406437.50	3758212.50	29.29844	406437.50	3758187.50	29.40410	(81120708)	
406437.50	3758162.50	29.41397	406437.50	3758137.50	29.33393	(81120708)	
406462.50	3758512.50	27.25137	406462.50	3758487.50	26.94379	(81042106)	

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406462.50	3758462.50	27.56519	(81042106)	406462.50	3758437.50	27.64383	(81020401)
406462.50	3758412.50	27.89698	(81020401)	406462.50	3758387.50	28.51019	(81020606)
406462.50	3758362.50	28.61738	(81020606)	406462.50	3758337.50	28.53732	(81020321)
406462.50	3758312.50	28.80610	(81120708)	406462.50	3758287.50	29.17550	(81120708)
406462.50	3758262.50	29.43867	(81120708)	406462.50	3758237.50	29.58405	(81120708)
406462.50	3758212.50	29.61774	(81120708)	406462.50	3758187.50	29.57221	(81080607)
406462.50	3758162.50	30.19425	(81080607)	406462.50	3758137.50	30.73406	(81080607)
406487.50	3758512.50	27.78491	(81042106)	406487.50	3758487.50	27.73783	(81020401)

Appendix B

NOx Peak Hour Emissions Unmitigated

406487.50	3758462.50	27.50297	(81020401)	406487.50	3758437.50	28.15818	(81020606)
406487.50	3758412.50	27.83417	(81020606)	406487.50	3758387.50	28.28883	(81020321)
406487.50	3758362.50	28.91046	(81030806)	406487.50	3758337.50	29.18201	(81120708)
406487.50	3758312.50	29.48125	(81120708)	406487.50	3758287.50	29.66492	(81120708)
406487.50	3758262.50	29.75006	(81120708)	406487.50	3758237.50	30.32375	(81080607)
406487.50	3758212.50	30.96241	(81080607)	406487.50	3758187.50	31.51667	(81080607)
406487.50	3758162.50	31.99566	(81080607)	406487.50	3758137.50	32.38403	(81080607)
406512.50	3758512.50	27.78694	(81020401)	406512.50	3758487.50	27.65193	(81020606)
406512.50	3758462.50	27.40887	(81020606)	406512.50	3758437.50	27.96889	(81120708)
406512.50	3758412.50	28.59216	(81120708)	406512.50	3758387.50	29.08144	(81120708)
406512.50	3758362.50	29.44097	(81120708)	406512.50	3758337.50	29.67172	(81120708)
406512.50	3758312.50	30.15404	(81080607)	406512.50	3758287.50	30.98632	(81080607)
406512.50	3758262.50	31.73335	(81080607)	406512.50	3758237.50	32.31046	(81080607)
406512.50	3758212.50	32.75195	(81080607)	406512.50	3758187.50	33.15925	(81080607)
406512.50	3758162.50	33.47832	(81080607)	406512.50	3758137.50	33.71175	(81080607)
406537.50	3758512.50	28.09833	(81020606)	406537.50	3758487.50	27.56832	(81120708)
406537.50	3758462.50	28.28262	(81120708)	406537.50	3758437.50	28.85389	(81120708)
406537.50	3758412.50	29.28020	(81120708)	406537.50	3758387.50	29.80630	(81080607)
406537.50	3758362.50	30.76202	(81080607)	406537.50	3758337.50	31.61144	(81080607)
406537.50	3758312.50	32.35171	(81080607)	406537.50	3758287.50	32.98947	(81080607)
406537.50	3758262.50	33.50443	(81080607)	406537.50	3758237.50	33.87739	(81080607)
406537.50	3758212.50	34.21654	(81080607)	406537.50	3758187.50	34.46025	(81080607)
406537.50	3758162.50	34.60974	(81080607)	406537.50	3758137.50	34.67131	(81080607)
406562.50	3758512.50	28.13295	(81030806)	406562.50	3758487.50	28.46749	(81120708)
406562.50	3758462.50	29.12262	(81080607)	406562.50	3758437.50	30.26577	(81080607)
406562.50	3758412.50	31.30010	(81080607)	406562.50	3758387.50	32.21745	(81080607)
406562.50	3758362.50	32.98871	(81080607)	406562.50	3758337.50	33.64586	(81080607)
406562.50	3758312.50	34.18365	(81080607)	406562.50	3758287.50	34.60511	(81080607)
406562.50	3758262.50	34.92422	(81080607)	406562.50	3758237.50	35.14984	(81080607)
406562.50	3758212.50	35.29575	(81080607)	406562.50	3758187.50	35.34283	(81080607)
406562.50	3758162.50	35.30965	(81080607)	406562.50	3758137.50	35.19184	(81080607)
406587.50	3758512.50	29.29678	(81080607)	406587.50	3758487.50	30.56348	(81080607)

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406587.50	3758462.50	31.70295	(81080607)	406587.50	3758437.50	32.70636	(81080607)
406587.50	3758412.50	33.52950	(81080607)	406587.50	3758387.50	34.23561	(81080607)
406587.50	3758362.50	34.82032	(81080607)	406587.50	3758337.50	35.26528	(81080607)
406587.50	3758312.50	35.58128	(81080607)	406587.50	3758287.50	35.81199	(81080607)
406587.50	3758262.50	35.94001	(81080607)	406587.50	3758237.50	35.96972	(81080607)
406587.50	3758212.50	35.90788	(81080607)	406587.50	3758187.50	35.76415	(81080607)
406587.50	3758162.50	35.54895	(81080607)	406587.50	3758137.50	35.25532	(81080607)
406612.50	3758512.50	31.88320	(81080607)	406612.50	3758487.50	32.99149	(81080607)
406612.50	3758462.50	33.96612	(81080607)	406612.50	3758437.50	34.74182	(81080607)
406612.50	3758412.50	35.35356	(81080607)	406612.50	3758387.50	35.85646	(81080607)
406612.50	3758362.50	36.17167	(81080607)	406612.50	3758337.50	36.38648	(81080607)

Appendix B

		NOx Peak Hour Emissions		Unmitigated			
		(81080607)	(81080607)	406612.50	3758287.50	36.51692	(81080607)
406612.50	3758312.50	36.49382	(81080607)	406612.50	3758287.50	36.51692	(81080607)
406612.50	3758262.50	36.43760	(81080607)	406612.50	3758237.50	36.27096	(81080607)
406612.50	3758212.50	36.02172	(81080607)	406612.50	3758187.50	35.69853	(81080607)
406612.50	3758162.50	35.29968	(81080607)	406612.50	3758137.50	34.84094	(81080607)
406637.50	3758512.50	34.14277	(81080607)	406637.50	3758487.50	35.00474	(81080607)
406637.50	3758462.50	35.72869	(81080607)	406637.50	3758437.50	36.30193	(81080607)
406637.50	3758412.50	36.66340	(81080607)	406637.50	3758387.50	36.86924	(81080607)
406637.50	3758362.50	36.95744	(81080607)	406637.50	3758337.50	36.94078	(81080607)
406637.50	3758312.50	36.84872	(81080607)	406637.50	3758287.50	36.67366	(81080607)
406637.50	3758262.50	36.40144	(81080607)	406637.50	3758237.50	36.04634	(81080607)
406637.50	3758212.50	35.61935	(81080607)	406637.50	3758187.50	35.12122	(81080607)
406637.50	3758162.50	34.57240	(81080607)	406637.50	3758137.50	33.96775	(81080607)
406662.50	3758512.50	35.84854	(81080607)	406662.50	3758487.50	36.46233	(81080607)
406662.50	3758462.50	36.91095	(81080607)	406662.50	3758437.50	37.18293	(81080607)
406662.50	3758412.50	37.29302	(81080607)	406662.50	3758387.50	37.30704	(81080607)
406662.50	3758362.50	37.18223	(81080607)	406662.50	3758337.50	36.96009	(81080607)
406662.50	3758312.50	36.66163	(81080607)	406662.50	3758287.50	36.27852	(81080607)
406662.50	3758262.50	35.82105	(81080607)	406662.50	3758237.50	35.28960	(81080607)
406662.50	3758212.50	34.69353	(81080607)	406662.50	3758187.50	34.05446	(81080607)
406662.50	3758162.50	33.36311	(81080607)	406662.50	3758137.50	32.89313	(81122405)
406687.50	3758512.50	37.01263	(81080607)	406687.50	3758487.50	37.32289	(81080607)
406687.50	3758462.50	37.48353	(81080607)	406687.50	3758437.50	37.48196	(81080607)
406687.50	3758412.50	37.37167	(81080607)	406687.50	3758387.50	37.15446	(81080607)
406687.50	3758362.50	36.81482	(81080607)	406687.50	3758337.50	36.38816	(81080607)
406687.50	3758312.50	35.89610	(81080607)	406687.50	3758287.50	35.33284	(81080607)
406687.50	3758262.50	34.69947	(81080607)	406687.50	3758237.50	34.08032	(81122405)
406687.50	3758212.50	33.72997	(81122405)	406687.50	3758187.50	34.07798	(81122405)
406687.50	3758162.50	33.54886	(81031505)	406687.50	3758137.50	32.94753	(81031505)
406712.50	3758512.50	37.52048	(81080607)	406712.50	3758487.50	37.54518	(81080607)

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1, 2, 3, 4

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)
406712.50	3758462.50	37.41982	(81080607)	406712.50	3758437.50	37.18227	(81080607)
406712.50	3758412.50	36.82162	(81080607)	406712.50	3758387.50	36.37658	(81080607)
406712.50	3758362.50	35.84226	(81080607)	406712.50	3758337.50	35.27485	(81120306)
406712.50	3758312.50	34.80565	(81122405)	406712.50	3758287.50	34.44661	(81122405)
406712.50	3758262.50	34.88949	(81122405)	406712.50	3758237.50	34.34166	(81031505)
406712.50	3758212.50	34.59237	(81031505)	406712.50	3758187.50	34.09052	(81112822)
406712.50	3758162.50	33.68546	(81112822)	406712.50	3758137.50	33.00229	(81112822)
406737.50	3758512.50	37.30579	(81080607)	406737.50	3758487.50	37.05691	(81080607)
406737.50	3758462.50	36.67807	(81080607)	406737.50	3758437.50	36.20941	(81080607)
406737.50	3758412.50	35.64006	(81080607)	406737.50	3758387.50	35.15168	(81122405)
406737.50	3758362.50	36.06353	(81122405)	406737.50	3758337.50	35.58499	(81122405)
406737.50	3758312.50	35.40784	(81031505)	406737.50	3758287.50	35.38311	(81111805)
406737.50	3758262.50	34.92551	(81112822)	406737.50	3758237.50	35.30177	(81112822)
406737.50	3758212.50	34.77443	(81122205)	406737.50	3758187.50	34.37017	(81122205)
406737.50	3758162.50	33.86207	(81122205)	406737.50	3758137.50	33.28597	(81122205)

Appendix B

NOx Peak Hour Emissions Unmitigated

406762.50	3758512.50	36.37744	(81080607)	406762.50	3758487.50	35.86924	(81080607)
406762.50	3758462.50	35.27798	(81080607)	406762.50	3758437.50	34.59214	(81080607)
406762.50	3758412.50	35.05629	(81122405)	406762.50	3758387.50	35.62375	(81031505)
406762.50	3758362.50	36.38507	(81112822)	406762.50	3758337.50	36.64569	(81112822)
406762.50	3758312.50	36.21904	(81112822)	406762.50	3758287.50	35.98749	(81122205)
406762.50	3758262.50	36.20722	(81122205)	406762.50	3758237.50	35.62747	(81122205)
406762.50	3758212.50	35.54302	(81122205)	406762.50	3758187.50	34.30499	(81021506)
406762.50	3758162.50	33.74139	(81012122)	406762.50	3758137.50	33.23372	(81012122)
406787.50	3758512.50	34.76646	(81080607)	406787.50	3758487.50	34.04268	(81080607)
406787.50	3758462.50	33.81090	(81031505)	406787.50	3758437.50	35.28777	(81112822)
406787.50	3758412.50	36.20755	(81112822)	406787.50	3758387.50	36.90900	(81122205)
406787.50	3758362.50	37.97685	(81122205)	406787.50	3758337.50	37.85508	(81122205)
406787.50	3758312.50	37.45494	(81122205)	406787.50	3758287.50	37.46593	(81021506)
406787.50	3758262.50	36.46753	(81012122)	406787.50	3758237.50	36.49863	(81012122)
406787.50	3758212.50	35.89822	(81012122)	406787.50	3758187.50	34.55802	(81010502)
406787.50	3758162.50	34.08016	(81010502)	406787.50	3758137.50	32.89386	(81010502)
406812.50	3758512.50	32.50272	(81080607)	406812.50	3758487.50	33.22898	(81112822)
406812.50	3758462.50	34.82887	(81122205)	406812.50	3758437.50	36.33591	(81122205)
406812.50	3758412.50	37.89505	(81122205)	406812.50	3758387.50	38.46299	(81122205)
406812.50	3758362.50	38.89719	(81012122)	406812.50	3758337.50	39.13508	(81012122)
406812.50	3758312.50	38.12469	(81010502)	406812.50	3758287.50	38.07364	(81010502)
406812.50	3758262.50	37.65146	(81010502)	406812.50	3758237.50	36.92022	(81010502)
406812.50	3758212.50	36.24926	(81010502)	406812.50	3758187.50	35.61174	(81121202)
406812.50	3758162.50	33.75844	(81030802)	406812.50	3758137.50	32.79636	(81012605)
406837.50	3758512.50	32.60798	(81122205)	406837.50	3758487.50	33.66134	(81122205)

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406837.50	3758462.50	35.31723	(81122205)	406837.50	3758437.50	37.19405	(81012122)
406837.50	3758412.50	39.40080	(81010502)	406837.50	3758387.50	40.58889	(81010502)
406837.50	3758362.50	40.68113	(81010502)	406837.50	3758337.50	40.71321	(81010502)
406837.50	3758312.50	39.84716	(81121202)	406837.50	3758287.50	38.32444	(81030802)
406837.50	3758262.50	37.27263	(81030802)	406837.50	3758237.50	36.38367	(81012605)
406837.50	3758212.50	36.54504	(81012605)	406837.50	3758187.50	35.90096	(81012605)
406837.50	3758162.50	34.58185	(81012605)	406837.50	3758137.50	33.53563	(81012923)
406862.50	3758512.50	33.28419	(81012122)	406862.50	3758487.50	35.06862	(81010502)
406862.50	3758462.50	37.03780	(81010502)	406862.50	3758437.50	38.87397	(81010502)
406862.50	3758412.50	40.58509	(81121202)	406862.50	3758387.50	41.49039	(81030802)
406862.50	3758362.50	41.73927	(81012605)	406862.50	3758337.50	42.18769	(81012605)
406862.50	3758312.50	40.90107	(81012605)	406862.50	3758287.50	37.54417	(81012605)
406862.50	3758262.50	36.23112	(81012923)	406862.50	3758237.50	36.58979	(81012923)
406862.50	3758212.50	36.91964	(81012923)	406862.50	3758187.50	36.91267	(81012923)
406862.50	3758162.50	37.15801	(81012607)	406862.50	3758137.50	36.85344	(81012607)
406887.50	3758512.50	35.53233	(81121202)	406887.50	3758487.50	36.62058	(81030802)
406887.50	3758462.50	37.95746	(81012605)	406887.50	3758437.50	40.27377	(81012605)
406887.50	3758412.50	41.51452	(81012605)	406887.50	3758387.50	42.69521	(81012923)

Appendix B

			NOx Peak Hour Emissions Unmitigated			
406887.50	3758362.50	43.06439	(81012923)	406887.50	3758337.50	42.43859 (81012923)
406887.50	3758312.50	39.40908	(81012923)	406887.50	3758287.50	37.55613 (81021408)
406887.50	3758262.50	37.57492	(81021408)	406887.50	3758237.50	38.43072 (81012607)
406887.50	3758212.50	39.66531	(81012607)	406887.50	3758187.50	39.64026 (81012607)
406887.50	3758162.50	39.77126	(81020701)	406887.50	3758137.50	40.16568 (81020701)
406912.50	3758512.50	38.31145	(81021408)	406912.50	3758487.50	38.67033 (81021408)
406912.50	3758462.50	38.99802	(81012923)	406912.50	3758437.50	40.81504 (81012607)
406912.50	3758412.50	43.38398	(81012607)	406912.50	3758387.50	44.48537 (81012607)
406912.50	3758362.50	43.71702	(81012607)	406912.50	3758337.50	42.82908 (81012607)
406912.50	3758312.50	39.69810	(81021408)	406912.50	3758287.50	39.70652 (81021408)
406912.50	3758262.50	39.53653	(81021408)	406912.50	3758237.50	42.44215 (81020201)
406912.50	3758212.50	42.99455	(81020201)	406912.50	3758187.50	42.77789 (81020201)
406912.50	3758162.50	42.90427	(81011903)	406912.50	3758137.50	43.03763 (81011903)
406937.50	3758512.50	41.14862	(81021408)	406937.50	3758487.50	41.34515 (81021408)
406937.50	3758462.50	41.48103	(81021408)	406937.50	3758437.50	41.54478 (81021408)
406937.50	3758412.50	44.19241	(81020201)	406937.50	3758387.50	44.77154 (81020201)
406937.50	3758362.50	43.94550	(81020201)	406937.50	3758337.50	42.10569 (81020201)
406937.50	3758312.50	41.29390	(81021408)	406937.50	3758287.50	41.06578 (81021408)
406937.50	3758262.50	44.25607	(81012602)	406937.50	3758237.50	47.39734 (81012602)
406937.50	3758212.50	48.34088	(81012602)	406937.50	3758187.50	48.35161 (81012602)
406937.50	3758162.50	47.67622	(81012705)	406937.50	3758137.50	46.53181 (81012705)
406962.50	3758512.50	43.23188	(81020201)	406962.50	3758487.50	43.82176 (81011903)

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406962.50	3758462.50	44.47437	(81012602)	406962.50	3758437.50	44.70784	(81012602)
406962.50	3758412.50	46.45770	(81012602)	406962.50	3758387.50	46.42473	(81012602)
406962.50	3758362.50	43.49334	(81012602)	406962.50	3758337.50	42.30350	(81021408)
406962.50	3758312.50	42.83858	(81012705)	406962.50	3758287.50	45.58346	(81010603)
406962.50	3758262.50	50.24084	(81010603)	406962.50	3758237.50	51.72113	(81010603)
406962.50	3758212.50	52.09213	(81010603)	406962.50	3758187.50	52.43938	(81112105)
406962.50	3758162.50	50.62364	(81112105)	406962.50	3758137.50	47.94790	(81010107)
406987.50	3758512.50	48.27401	(81012705)	406987.50	3758487.50	48.99612	(81010603)
406987.50	3758462.50	48.12239	(81010603)	406987.50	3758437.50	48.54931	(81010603)
406987.50	3758412.50	48.30230	(81010603)	406987.50	3758387.50	46.74414	(81112105)
406987.50	3758362.50	43.44426	(81010107)	406987.50	3758337.50	42.66447	(81010107)
406987.50	3758312.50	43.62059	(81010107)	406987.50	3758287.50	48.04131	(81010107)
406987.50	3758262.50	52.82324	(81010107)	406987.50	3758237.50	52.91751	(81010107)
406987.50	3758212.50	52.99326	(81010107)	406987.50	3758187.50	51.82553	(81010107)
406987.50	3758162.50	48.51610	(81010107)	406987.50	3758137.50	45.23048	(81021602)
407012.50	3758512.50	51.06823	(81010107)	407012.50	3758487.50	51.51351	(81010107)
407012.50	3758462.50	51.85535	(81010107)	407012.50	3758437.50	51.10291	(81010107)
407012.50	3758412.50	50.15844	(81010107)	407012.50	3758387.50	48.50507	(81013104)
407012.50	3758362.50	46.57590	(81013104)	407012.50	3758337.50	47.35535	(81013104)
407012.50	3758312.50	47.60921	(81013104)	407012.50	3758287.50	51.17344	(81013104)
407012.50	3758262.50	52.98126	(81013104)	407012.50	3758237.50	52.12217	(81013104)
407012.50	3758212.50	51.44630	(81013104)	407012.50	3758187.50	48.57439	(81013104)

Appendix B

NOx Peak Hour Emissions Unmitigated

407012.50	3758162.50	45.01665	(81013104)	407012.50	3758137.50	44.94217	(81013104)
407037.50	3758512.50	52.44382	(81013104)	407037.50	3758487.50	53.67970	(81013104)
407037.50	3758462.50	53.78102	(81010705)	407037.50	3758437.50	53.90945	(81010705)
407037.50	3758412.50	52.91899	(81010705)	407037.50	3758387.50	51.55594	(81010705)
407037.50	3758362.50	51.73650	(81010705)	407037.50	3758337.50	53.19799	(81010705)
407037.50	3758312.50	53.24532	(81010705)	407037.50	3758287.50	53.24874	(81010705)
407037.50	3758262.50	52.26844	(81010705)	407037.50	3758237.50	51.27586	(81120202)
407037.50	3758212.50	50.84230	(81022622)	407037.50	3758187.50	51.35180	(81021605)
407037.50	3758162.50	51.53837	(81021605)	407037.50	3758137.50	51.45218	(81021605)
407062.50	3758512.50	53.54204	(81120105)	407062.50	3758487.50	56.26776	(81120105)
407062.50	3758462.50	56.54107	(81120105)	407062.50	3758437.50	56.70288	(81120105)
407062.50	3758412.50	55.40074	(81120105)	407062.50	3758387.50	54.13422	(81120105)
407062.50	3758362.50	54.25028	(81120105)	407062.50	3758337.50	55.27922	(81120105)
407062.50	3758312.50	55.28773	(81120105)	407062.50	3758287.50	54.30693	(81120105)
407062.50	3758262.50	53.46107	(81120105)	407062.50	3758237.50	52.66543	(81120105)
407062.50	3758212.50	53.36821	(81120105)	407062.50	3758187.50	53.65635	(81120105)
407062.50	3758162.50	53.52431	(81010903)	407062.50	3758137.50	53.38905	(81010903)
407087.50	3758512.50	58.43041	(81020502)	407087.50	3758487.50	59.76249	(81010101)

• *** IS CST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407087.50	3758462.50	61.13375	(81010101)	407087.50	3758437.50	59.90824	(81010101)
407087.50	3758412.50	58.99565	(81010101)	407087.50	3758387.50	58.14104	(81010101)
407087.50	3758362.50	58.13245	(81010101)	407087.50	3758337.50	58.08823	(81010101)
407087.50	3758312.50	58.01152	(81010101)	407087.50	3758287.50	57.86422	(81010101)
407087.50	3758262.50	56.46012	(81010101)	407087.50	3758237.50	55.06879	(81010101)
407087.50	3758212.50	54.94950	(81010101)	407087.50	3758187.50	55.06312	(81010101)
407087.50	3758162.50	54.89613	(81010101)	407087.50	3758137.50	54.71116	(81010101)
407112.50	3758512.50	61.69605	(81011002)	407112.50	3758487.50	64.25190	(81011002)
407112.50	3758462.50	64.19713	(81011002)	407112.50	3758437.50	64.10600	(81011002)
407112.50	3758412.50	62.19584	(81011002)	407112.50	3758387.50	60.37341	(81011002)
407112.50	3758362.50	60.27866	(81011002)	407112.50	3758337.50	60.15540	(81011002)
407112.50	3758312.50	60.17639	(81011002)	407112.50	3758287.50	60.20663	(81011002)
407112.50	3758262.50	59.79865	(81011002)	407112.50	3758237.50	58.47653	(81011002)
407112.50	3758212.50	58.07427	(81011002)	407112.50	3758187.50	57.70122	(81011002)
407112.50	3758162.50	56.59669	(81011002)	407112.50	3758137.50	55.17625	(81011002)
407137.50	3758512.50	67.03892	(81122305)	407137.50	3758487.50	71.04156	(81122305)
407137.50	3758462.50	70.89220	(81122305)	407137.50	3758437.50	67.28815	(81122305)
407137.50	3758412.50	65.50093	(81122305)	407137.50	3758387.50	63.45094	(81122305)
407137.50	3758362.50	62.04503	(81122305)	407137.50	3758337.50	63.00703	(81011707)
407137.50	3758312.50	62.78664	(81011707)	407137.50	3758287.50	63.95329	(81011707)
407137.50	3758262.50	62.40384	(81011707)	407137.50	3758237.50	61.95597	(81011707)
407137.50	3758212.50	59.89822	(81011707)	407137.50	3758187.50	60.11898	(81011707)
407137.50	3758162.50	59.81883	(81011707)	407137.50	3758137.50	58.28163	(81011707)
407162.50	3758512.50	71.57121	(81013005)	407162.50	3758487.50	75.41846	(81013005)
407162.50	3758462.50	77.61132	(81013005)	407162.50	3758437.50	72.16345	(81013005)

Appendix B

		NOx Peak Hour Emissions Unmitigated					
		(81013005)	(81013005)				
407162.50	3758412.50	69.25146	(81013005)	407162.50	3758387.50	68.06220	(81013005)
407162.50	3758362.50	66.18303	(81013005)	407162.50	3758337.50	65.84673	(81012601)
407162.50	3758312.50	66.98547	(81012601)	407162.50	3758287.50	66.57371	(81012601)
407162.50	3758262.50	66.18036	(81122305)	407162.50	3758237.50	66.18227	(81122305)
407162.50	3758212.50	65.98460	(81122305)	407162.50	3758187.50	65.72034	(81122305)
407162.50	3758162.50	64.93280	(81122305)	407162.50	3758137.50	62.03638	(81122305)
407187.50	3758512.50	87.53178	(81010105)	407187.50	3758487.50	90.09656	(81010704)
407187.50	3758462.50	84.46122	(81010704)	407187.50	3758437.50	78.47497	(81010704)
407187.50	3758412.50	73.13208	(81010704)	407187.50	3758387.50	70.81541	(81013004)
407187.50	3758362.50	70.35538	(81013004)	407187.50	3758337.50	69.86210	(81013004)
407187.50	3758312.50	69.56796	(81012924)	407187.50	3758287.50	70.42565	(81012924)
407187.50	3758262.50	70.09671	(81012924)	407187.50	3758237.50	70.80340	(81012924)
407187.50	3758212.50	72.14318	(81012924)	407187.50	3758187.50	73.33360	(81012924)
407187.50	3758162.50	71.77182	(81011404)	407187.50	3758137.50	68.10313	(81011404)
407212.50	3758512.50	91.97583	(81012903)	407212.50	3758487.50	91.52864	(81020706)

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407212.50	3758462.50	88.18463	(81020706)	407212.50	3758437.50	86.88617	(81012103)
407212.50	3758412.50	80.17570	(81012103)	407212.50	3758387.50	75.16613	(81020601)
407212.50	3758362.50	74.37730	(81020601)	407212.50	3758337.50	73.61280	(81010105)
407212.50	3758312.50	73.27415	(81010105)	407212.50	3758287.50	72.93076	(81010105)
407212.50	3758262.50	73.60769	(81010105)	407212.50	3758237.50	74.18760	(81010105)
407212.50	3758212.50	77.40662	(81010704)	407212.50	3758187.50	78.27866	(81010704)
407212.50	3758162.50	76.75720	(81010704)	407212.50	3758137.50	71.38831	(81010704)
407237.50	3758512.50	94.56808	(81010904)	407237.50	3758487.50	95.12572	(81010904)
407237.50	3758462.50	93.69859	(81010904)	407237.50	3758437.50	90.67175	(81012701)
407237.50	3758412.50	84.99646	(81012701)	407237.50	3758387.50	79.64308	(81012701)
407237.50	3758362.50	77.26882	(81012903)	407237.50	3758337.50	76.65639	(81012903)
407237.50	3758312.50	76.65050	(81012903)	407237.50	3758287.50	76.80161	(81020706)
407237.50	3758262.50	76.26317	(81020706)	407237.50	3758237.50	75.67088	(81020706)
407237.50	3758212.50	77.83076	(81012103)	407237.50	3758187.50	77.14825	(81012103)
407237.50	3758162.50	74.28698	(81012103)	407237.50	3758137.50	70.37778	(81020601)
407262.50	3758512.50	97.67355	(81012604)	407262.50	3758487.50	97.85956	(81012604)
407262.50	3758462.50	96.72183	(81020324)	407262.50	3758437.50	97.69914	(81012824)
407262.50	3758412.50	93.70145	(81121404)	407262.50	3758387.50	83.77038	(81121404)
407262.50	3758362.50	80.08045	(81011001)	407262.50	3758337.50	79.38246	(81010904)
407262.50	3758312.50	80.16956	(81010904)	407262.50	3758287.50	79.34034	(81010904)
407262.50	3758262.50	79.44992	(81012701)	407262.50	3758237.50	77.57107	(81012701)
407262.50	3758212.50	75.44948	(81012701)	407262.50	3758187.50	73.75008	(81021024)
407262.50	3758162.50	71.72469	(81012903)	407262.50	3758137.50	68.62521	(81012903)
407287.50	3758512.50	101.96839	(81013007)	407287.50	3758487.50	99.75146	(81013007)
407287.50	3758462.50	100.67836	(81013007)	407287.50	3758437.50	100.85548	(81013007)
407287.50	3758412.50	97.52818	(81012604)	407287.50	3758387.50	88.48976	(81012604)
407287.50	3758362.50	82.12861	(81012604)	407287.50	3758337.50	82.23084	(81012604)
407287.50	3758312.50	82.50575	(81020324)	407287.50	3758287.50	81.89945	(81012824)
407287.50	3758262.50	81.04371	(81121404)	407287.50	3758237.50	77.26136	(81121404)

Appendix B

NOx Peak Hour Emissions Unmitigated

407287.50	3758212.50	72.18208	(81011001)	407287.50	3758187.50	70.65763	(81010904)
407287.50	3758162.50	70.91902	(81010904)	407287.50	3758137.50	67.91279	(81010904)
407312.50	3758512.50	109.48794	(81033022)	407312.50	3758487.50	110.65902	(81033022)
407312.50	3758462.50	105.89587	(81033022)	407312.50	3758437.50	102.82875	(81022505)
407312.50	3758412.50	99.44117	(81022505)	407312.50	3758387.50	92.70074	(81013007)
407312.50	3758362.50	84.28712	(81013007)	407312.50	3758337.50	82.47272	(81013007)
407312.50	3758312.50	82.80353	(81013007)	407312.50	3758287.50	81.42730	(81013007)
407312.50	3758262.50	78.41550	(81012604)	407312.50	3758237.50	72.73238	(81012604)
407312.50	3758212.50	69.38152	(81012604)	407312.50	3758187.50	68.70180	(81012604)
407312.50	3758162.50	69.68155	(81020324)	407312.50	3758137.50	69.33112	(81012824)
407337.50	3758512.50	116.87898	(81012704)	407337.50	3758487.50	114.35329	(81012704)

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 *** ANALYSIS PEAK HR NOx emissions *** 11:31:22
 **MODELOPTs: PAGE 66

CONC		URBAN ELEV	FLGPOL	NOCALM			
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***		INCLUDING SOURCE(S): 1, 2, 3, 4					
*** DISCRETE CARTESIAN RECEPTOR POINTS ***							
** CONC OF OTHER		IN MICROGRAMS/M**3				**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407337.50	3758462.50	109.56290	(81020124)	407337.50	3758437.50	104.15186	(81020124)
407337.50	3758412.50	98.88647	(81011420)	407337.50	3758387.50	93.99836	(81033022)
407337.50	3758362.50	83.62749	(81033022)	407337.50	3758337.50	80.62497	(81022505)
407337.50	3758312.50	78.51012	(81022505)	407337.50	3758287.50	76.00597	(81022505)
407337.50	3758262.50	73.38875	(81013007)	407337.50	3758237.50	70.66254	(81013007)
407337.50	3758212.50	67.79399	(81013007)	407337.50	3758187.50	66.92287	(81013007)
407337.50	3758162.50	69.08215	(81013007)	407337.50	3758137.50	69.03870	(81012604)
407362.50	3758512.50	115.59037	(81092505)	407362.50	3758487.50	113.61692	(81120102)
407362.50	3758462.50	109.20085	(81120102)	407362.50	3758437.50	103.86381	(81120102)
407362.50	3758412.50	99.34520	(81012704)	407362.50	3758387.50	94.35185	(81012704)
407362.50	3758362.50	85.70647	(81020124)	407362.50	3758337.50	80.73240	(81020124)
407362.50	3758312.50	75.52380	(81011420)	407362.50	3758287.50	72.01460	(81033022)
407362.50	3758262.50	69.45550	(81033022)	407362.50	3758237.50	63.91483	(81033022)
407362.50	3758212.50	63.31435	(81022505)	407362.50	3758187.50	61.85395	(81022505)
407362.50	3758162.50	63.99905	(81022505)	407362.50	3758137.50	65.88560	(81013007)
407387.50	3758512.50	113.32689	(81012606)	407387.50	3758487.50	111.54356	(81110806)
407387.50	3758462.50	105.31033	(81110806)	407387.50	3758437.50	98.74224	(81092505)
407387.50	3758412.50	96.71277	(81120102)	407387.50	3758387.50	93.94285	(81120102)
407387.50	3758362.50	86.92920	(81120102)	407387.50	3758337.50	83.34422	(81120102)
407387.50	3758312.50	77.61122	(81012704)	407387.50	3758287.50	72.45712	(81012704)
407387.50	3758262.50	67.10584	(81020124)	407387.50	3758237.50	62.07139	(81020124)
407387.50	3758212.50	57.34879	(81011420)	407387.50	3758187.50	51.76806	(81033022)
407387.50	3758162.50	51.91175	(81033022)	407387.50	3758137.50	52.89514	(81033022)
407412.50	3758512.50	111.02530	(81122403)	407412.50	3758487.50	108.62720	(81012606)
407412.50	3758462.50	102.70399	(81012606)	407412.50	3758437.50	96.14588	(81012606)
407412.50	3758412.50	92.80479	(81110806)	407412.50	3758387.50	91.63500	(81110806)
407412.50	3758362.50	86.86375	(81092505)	407412.50	3758337.50	82.79391	(81092505)
407412.50	3758312.50	80.13951	(81120102)	407412.50	3758287.50	74.84581	(81120102)
407412.50	3758262.50	70.08820	(81120102)	407412.50	3758237.50	64.00063	(81012704)
407412.50	3758212.50	58.58582	(81012704)	407412.50	3758187.50	54.04142	(81012704)
407412.50	3758162.50	52.27840	(81020124)	407412.50	3758137.50	50.45683	(81020124)
407437.50	3758512.50	114.67647	(81020624)	407437.50	3758487.50	112.90771	(81122403)

Appendix B

		NOx Peak Hour Emissions Unmitigated					
		(81122403)	(81012606)	407437.50	3758437.50	104.35741	(81122403)
407437.50	3758462.50	111.39723	(81012606)	407437.50	3758387.50	91.74959	(81012606)
407437.50	3758412.50	96.20639	(81012606)	407437.50	3758337.50	84.25673	(81110806)
407437.50	3758362.50	87.25632	(81110806)	407437.50	3758287.50	78.95865	(81100604)
407437.50	3758312.50	81.68669	(81092505)	407437.50	3758237.50	66.51128	(81092505)
407437.50	3758262.50	71.46762	(81120102)	407437.50	3758187.50	63.16057	(81120102)
407437.50	3758212.50	64.31506	(81120102)	407437.50	3758137.50	56.80159	(81012704)
407437.50	3758162.50	60.92534	(8112206)	407462.50	3758487.50	120.98258	(81020402)
407462.50	3758512.50	123.25922					

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions *** 11:31:22
 **MODELOPTs: PAGE 67

CONC URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407462.50	3758462.50	121.48283	(81020402)	407462.50	3758437.50	113.54700	(81020624)
407462.50	3758412.50	100.04597	(81122403)	407462.50	3758387.50	91.31643	(81122403)
407462.50	3758362.50	83.83713	(81122403)	407462.50	3758337.50	82.06604	(81012606)
407462.50	3758312.50	81.56651	(81012606)	407462.50	3758287.50	81.10075	(81012606)
407462.50	3758262.50	77.21105	(81012606)	407462.50	3758237.50	70.63416	(81110806)
407462.50	3758212.50	68.07833	(81110806)	407462.50	3758187.50	66.33917	(81092505)
407462.50	3758162.50	64.04562	(81092505)	407462.50	3758137.50	61.79787	(81120102)
407487.50	3758512.50	121.23670	(81101706)	407487.50	3758487.50	125.55990	(81020307)
407487.50	3758462.50	122.63501	(81020504)	407487.50	3758437.50	112.66686	(81112206)
407487.50	3758412.50	98.77650	(81020402)	407487.50	3758387.50	89.31866	(81020402)
407487.50	3758362.50	82.86749	(81020624)	407487.50	3758337.50	80.76474	(81122403)
407487.50	3758312.50	80.15894	(81122403)	407487.50	3758287.50	80.30333	(81122403)
407487.50	3758262.50	79.27104	(81012606)	407487.50	3758237.50	77.41798	(81012606)
407487.50	3758212.50	75.16666	(81012606)	407487.50	3758187.50	71.49690	(81012606)
407487.50	3758162.50	69.47823	(81110806)	407487.50	3758137.50	67.64584	(81110806)
407512.50	3758512.50	104.44639	(81011504)	407512.50	3758487.50	105.20573	(81103003)
407512.50	3758462.50	109.00836	(81101706)	407512.50	3758437.50	103.52258	(81020307)
407512.50	3758412.50	92.99188	(81020307)	407512.50	3758387.50	86.34366	(81112206)
407512.50	3758362.50	82.34481	(81112206)	407512.50	3758337.50	83.92503	(81020402)
407512.50	3758312.50	83.17870	(81020402)	407512.50	3758287.50	82.00568	(81020624)
407512.50	3758262.50	81.30585	(81122403)	407512.50	3758237.50	79.19662	(81122403)
407512.50	3758212.50	78.15607	(81122403)	407512.50	3758187.50	76.17375	(81012606)
407512.50	3758162.50	75.09276	(81012606)	407512.50	3758137.50	72.29453	(81012606)
407537.50	3758512.50	44.11785	(81020708)	407537.50	3758487.50	42.47620	(81020708)
407537.50	3758462.50	40.76951	(81020708)	407537.50	3758437.50	39.02206	(81020708)
407537.50	3758412.50	37.25505	(81020708)	407537.50	3758387.50	35.48671	(81020708)
407537.50	3758362.50	33.73247	(81020708)	407537.50	3758337.50	32.00517	(81020708)
407537.50	3758312.50	30.31528	(81020708)	407537.50	3758287.50	28.67119	(81020708)
407537.50	3758262.50	28.09669	(81120710)	407537.50	3758237.50	28.61609	(81120710)
407537.50	3758212.50	29.07330	(81120710)	407537.50	3758187.50	29.47013	(81120710)
407537.50	3758162.50	29.80868	(81120710)	407537.50	3758137.50	30.09125	(81120710)
407562.50	3758512.50	45.02311	(81020708)	407562.50	3758487.50	43.76079	(81020708)
407562.50	3758462.50	42.38251	(81020708)	407562.50	3758437.50	40.91442	(81020708)
407562.50	3758412.50	39.38036	(81020708)	407562.50	3758387.50	37.80172	(81020708)
407562.50	3758362.50	36.19739	(81020708)	407562.50	3758337.50	34.58386	(81020708)
407562.50	3758312.50	32.97530	(81020708)	407562.50	3758287.50	31.38369	(81020708)

Appendix B

NOx Peak Hour Emissions Unmitigated

407562.50	3758262.50	29.81901	(81020708)	407562.50	3758237.50	28.28943	(81020708)
407562.50	3758212.50	26.80148	(81020708)	407562.50	3758187.50	27.13921	(81120710)
407562.50	3758162.50	27.61403	(81120710)	407562.50	3758137.50	28.03423	(81120710)
407587.50	3758512.50	45.00325	(81020708)	407587.50	3758487.50	44.17073	(81020708)

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions *** 11:31:22
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 68

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1, 2, 3, 4

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER		IN MICROGRAMS/M**3		**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407587.50	3758462.50	43.17903	(81020708)	407587.50	3758437.50	42.05373	(81020708)
407587.50	3758412.50	40.81917	(81020708)	407587.50	3758387.50	39.49807	(81020708)
407587.50	3758362.50	38.11130	(81020708)	407587.50	3758337.50	36.67775	(81020708)
407587.50	3758312.50	35.21433	(81020708)	407587.50	3758287.50	33.73593	(81020708)
407587.50	3758262.50	32.25551	(81020708)	407587.50	3758237.50	30.78420	(81020708)
407587.50	3758212.50	29.33145	(81020708)	407587.50	3758187.50	27.90510	(81020708)
407587.50	3758162.50	26.51162	(81020708)	407587.50	3758137.50	25.74787	(81120710)
407612.50	3758512.50	44.10450	(81020708)	407612.50	3758487.50	43.72395	(81020708)
407612.50	3758462.50	43.15207	(81020708)	407612.50	3758437.50	42.41160	(81020708)
407612.50	3758412.50	41.52522	(81020708)	407612.50	3758387.50	40.51503	(81020708)
407612.50	3758362.50	39.40215	(81020708)	407612.50	3758337.50	38.20636	(81020708)
407612.50	3758312.50	36.94606	(81020708)	407612.50	3758287.50	35.63800	(81020708)
407612.50	3758262.50	34.29730	(81020708)	407612.50	3758237.50	32.93742	(81020708)
407612.50	3758212.50	31.57022	(81020708)	407612.50	3758187.50	30.20600	(81020708)
407612.50	3758162.50	28.85362	(81020708)	407612.50	3758137.50	27.52058	(81020708)
407637.50	3758512.50	42.42057	(81020708)	407637.50	3758487.50	42.48611	(81020708)
407637.50	3758462.50	42.34132	(81020708)	407637.50	3758437.50	42.00420	(81020708)
407637.50	3758412.50	41.49389	(81020708)	407637.50	3758387.50	40.82998	(81020708)
407637.50	3758362.50	40.03206	(81020708)	407637.50	3758337.50	39.11934	(81020708)
407637.50	3758312.50	38.11018	(81020708)	407637.50	3758287.50	37.02200	(81020708)
407637.50	3758262.50	35.87101	(81020708)	407637.50	3758237.50	34.67212	(81020708)
407637.50	3758212.50	33.43889	(81020708)	407637.50	3758187.50	32.18349	(81020708)
407637.50	3758162.50	30.91677	(81020708)	407637.50	3758137.50	29.64824	(81020708)
407662.50	3758512.50	40.07989	(81020708)	407662.50	3758487.50	40.56070	(81020708)
407662.50	3758462.50	40.82588	(81020708)	407662.50	3758437.50	40.88741	(81020708)
407662.50	3758412.50	40.75939	(81020708)	407662.50	3758387.50	40.45744	(81020708)
407662.50	3758362.50	39.99810	(81020708)	407662.50	3758337.50	39.39841	(81020708)
407662.50	3758312.50	38.67540	(81020708)	407662.50	3758287.50	37.84580	(81020708)
407662.50	3758262.50	36.92575	(81020708)	407662.50	3758237.50	35.93059	(81020708)
407662.50	3758212.50	34.87468	(81020708)	407662.50	3758187.50	33.77133	(81020708)
407662.50	3758162.50	32.63273	(81020708)	407662.50	3758137.50	31.46990	(81020708)
407687.50	3758512.50	37.23175	(81020708)	407687.50	3758487.50	38.07706	(81020708)
407687.50	3758462.50	38.71432	(81020708)	407687.50	3758437.50	39.14889	(81020708)
407687.50	3758412.50	39.38901	(81020708)	407687.50	3758387.50	39.44523	(81020708)
407687.50	3758362.50	39.32991	(81020708)	407687.50	3758337.50	39.05666	(81020708)
407687.50	3758312.50	38.63992	(81020708)	407687.50	3758287.50	38.09454	(81020708)
407687.50	3758262.50	37.43545	(81020708)	407687.50	3758237.50	36.67731	(81020708)
407687.50	3758212.50	35.83435	(81020708)	407687.50	3758187.50	34.92015	(81020708)
407687.50	3758162.50	33.94746	(81020708)	407687.50	3758137.50	32.92822	(81020708)

Appendix B

407712.50 3758512.50		34.03262 NOx Peak Hour Emissions Unmitigated (81020708)		407712.50 3758487.50		35.17782 (81020708)			
• *** ISCST3 - VERSION 02035 ***				*** WHITTIER MATRIX OIL PROJECT				*** 07/29/11	
				*** ANALYSIS PEAK HR NOx emissions				*** 11:31:22	
**MODELOPTs:								PAGE 69	
CONC		URBAN ELEV FLGPOL		NOCALM					
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION				VALUES FOR SOURCE GROUP: 1				***	
INCLUDING SOURCE(S):				1 , 2 , 3 , 4 ,					
*** DISCRETE CARTESIAN RECEPTOR POINTS ***									
		** CONC OF OTHER		IN MICROGRAMS/M**3				**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)		
407712.50	3758462.50	36.13353	(81020708)	407712.50	3758437.50	36.89859	(81020708)		
407712.50	3758412.50	37.47511	(81020708)	407712.50	3758387.50	37.86814	(81020708)		
407712.50	3758362.50	38.08505	(81020708)	407712.50	3758337.50	38.13523	(81020708)		
407712.50	3758312.50	38.02955	(81020708)	407712.50	3758287.50	37.77997	(81020708)		
407712.50	3758262.50	37.39915	(81020708)	407712.50	3758237.50	36.90013	(81020708)		
407712.50	3758212.50	36.29603	(81020708)	407712.50	3758187.50	35.59979	(81020708)		
407712.50	3758162.50	34.82399	(81020708)	407712.50	3758137.50	33.98069	(81020708)		
407737.50	3758512.50	32.12283	(81100608)	407737.50	3758487.50	32.00736	(81020708)		
407737.50	3758462.50	33.21781	(81020708)	407737.50	3758437.50	34.25867	(81020708)		
407737.50	3758412.50	35.12633	(81020708)	407737.50	3758387.50	35.82025	(81020708)		
407737.50	3758362.50	36.34270	(81020708)	407737.50	3758337.50	36.69835	(81020708)		
407737.50	3758312.50	36.89390	(81020708)	407737.50	3758287.50	36.93771	(81020708)		
407737.50	3758262.50	36.83941	(81020708)	407737.50	3758237.50	36.60956	(81020708)		
407737.50	3758212.50	36.25934	(81020708)	407737.50	3758187.50	35.80022	(81020708)		
407737.50	3758162.50	35.24382	(81020708)	407737.50	3758137.50	34.60158	(81020708)		
407762.50	3758512.50	33.74591	(81032207)	407762.50	3758487.50	32.24517	(81100608)		
407762.50	3758462.50	30.86549	(81100608)	407762.50	3758437.50	31.35419	(81020708)		
407762.50	3758412.50	32.45860	(81020708)	407762.50	3758387.50	33.40690	(81020708)		
407762.50	3758362.50	34.19640	(81020708)	407762.50	3758337.50	34.82706	(81020708)		
407762.50	3758312.50	35.30122	(81020708)	407762.50	3758287.50	35.62326	(81020708)		
407762.50	3758262.50	35.79925	(81020708)	407762.50	3758237.50	35.83667	(81020708)		
407762.50	3758212.50	35.74412	(81020708)	407762.50	3758187.50	35.53093	(81020708)		
407762.50	3758162.50	35.20700	(81020708)	407762.50	3758137.50	34.78255	(81020708)		
407787.50	3758512.50	36.47555	(81032207)	407787.50	3758487.50	33.82112	(81032207)		
407787.50	3758462.50	32.29525	(81100608)	407787.50	3758437.50	31.02125	(81100608)		
407787.50	3758412.50	29.64019	(81100608)	407787.50	3758387.50	30.73689	(81020708)		
407787.50	3758362.50	31.74682	(81020708)	407787.50	3758337.50	32.61268	(81020708)		
407787.50	3758312.50	33.33258	(81020708)	407787.50	3758287.50	33.90686	(81020708)		
407787.50	3758262.50	34.33787	(81020708)	407787.50	3758237.50	34.62969	(81020708)		
407787.50	3758212.50	34.78786	(81020708)	407787.50	3758187.50	34.81910	(81020708)		
407787.50	3758162.50	34.73109	(81020708)	407787.50	3758137.50	34.53214	(81020708)		
407812.50	3758512.50	38.83212	(81032207)	407812.50	3758487.50	36.35705	(81032207)		
407812.50	3758462.50	33.84967	(81032207)	407812.50	3758437.50	32.28133	(81100608)		
407812.50	3758412.50	31.10966	(81100608)	407812.50	3758387.50	29.82497	(81100608)		
407812.50	3758362.50	29.09510	(81020708)	407812.50	3758337.50	30.15037	(81020708)		
407812.50	3758312.50	31.07583	(81020708)	407812.50	3758287.50	31.86810	(81020708)		
407812.50	3758262.50	32.52588	(81020708)	407812.50	3758237.50	33.04980	(81020708)		
407812.50	3758212.50	33.44220	(81020708)	407812.50	3758187.50	33.70688	(81020708)		
407812.50	3758162.50	33.84890	(81020708)	407812.50	3758137.50	33.87431	(81020708)		
407837.50	3758512.50	40.75513	(81032207)	407837.50	3758487.50	38.52509	(81032207)		

Appendix B

NOx Peak Hour Emissions Unmitigated
 *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)
407837.50	3758462.50	36.20462	(81032207)	407837.50	3758437.50	33.83754	(81032207)
407837.50	3758412.50	32.21096	(81100608)	407837.50	3758387.50	31.13777	(81100608)
407837.50	3758362.50	29.94691	(81100608)	407837.50	3758337.50	28.66390	(81100608)
407837.50	3758312.50	28.62007	(81020708)	407837.50	3758287.50	29.59057	(81020708)
407837.50	3758262.50	30.44035	(81020708)	407837.50	3758237.50	31.16677	(81020708)
407837.50	3758212.50	31.76901	(81020708)	407837.50	3758187.50	32.24790	(81020708)
407837.50	3758162.50	32.60574	(81020708)	407837.50	3758137.50	32.84607	(81020708)
407862.50	3758512.50	42.20284	(81032207)	407862.50	3758487.50	40.27319	(81032207)
407862.50	3758462.50	38.19844	(81032207)	407862.50	3758437.50	36.02361	(81032207)
407862.50	3758412.50	33.79006	(81032207)	407862.50	3758387.50	32.09090	(81100608)
407862.50	3758362.50	31.11209	(81100608)	407862.50	3758337.50	30.01206	(81100608)
407862.50	3758312.50	28.81468	(81100608)	407862.50	3758287.50	27.54282	(81100608)
407862.50	3758262.50	28.16007	(81020708)	407862.50	3758237.50	29.05432	(81020708)
407862.50	3758212.50	29.83615	(81020708)	407862.50	3758187.50	30.50354	(81020708)
407862.50	3758162.50	31.05604	(81020708)	407862.50	3758137.50	31.49463	(81020708)
407887.50	3758512.50	43.15294	(81032207)	407887.50	3758487.50	41.56656	(81032207)
407887.50	3758462.50	39.78642	(81032207)	407887.50	3758437.50	37.85646	(81032207)
407887.50	3758412.50	35.81863	(81032207)	407887.50	3758387.50	33.71188	(81032207)
407887.50	3758362.50	31.92731	(81100608)	407887.50	3758337.50	31.03854	(81100608)
407887.50	3758312.50	30.02603	(81100608)	407887.50	3758287.50	28.91204	(81100608)
407887.50	3758262.50	27.71806	(81100608)	407887.50	3758237.50	26.78621	(81020708)
407887.50	3758212.50	27.71360	(81020708)	407887.50	3758187.50	28.53915	(81020708)
407887.50	3758162.50	29.25988	(81020708)	407887.50	3758137.50	29.87427	(81020708)
407912.50	3758512.50	43.60194	(81032207)	407912.50	3758487.50	42.38805	(81032207)
407912.50	3758462.50	40.93970	(81032207)	407912.50	3758437.50	39.29776	(81032207)
407912.50	3758412.50	37.50272	(81032207)	407912.50	3758387.50	35.59362	(81032207)
407912.50	3758362.50	33.60707	(81032207)	407912.50	3758337.50	31.72571	(81100608)
407912.50	3758312.50	30.92256	(81100608)	407912.50	3758287.50	29.99405	(81100608)
407912.50	3758262.50	28.96085	(81100608)	407912.50	3758237.50	27.84313	(81100608)
407912.50	3758212.50	26.66020	(81100608)	407912.50	3758187.50	26.42059	(81020708)
407912.50	3758162.50	27.27958	(81020708)	407912.50	3758137.50	28.04313	(81020708)
407937.50	3758512.50	43.56348	(81032207)	407937.50	3758487.50	42.73740	(81032207)
407937.50	3758462.50	41.64545	(81032207)	407937.50	3758437.50	40.32375	(81032207)
407937.50	3758412.50	38.80956	(81032207)	407937.50	3758387.50	37.14021	(81032207)
407937.50	3758362.50	35.35197	(81032207)	407937.50	3758337.50	33.47922	(81032207)
407937.50	3758312.50	31.55383	(81032207)	407937.50	3758287.50	30.76911	(81100608)
407937.50	3758262.50	29.92094	(81100608)	407937.50	3758237.50	28.96570	(81100608)
407937.50	3758212.50	27.92228	(81100608)	407937.50	3758187.50	26.80891	(81100608)
407937.50	3758162.50	25.64286	(81100608)	407937.50	3758137.50	26.06021	(81020708)
407962.50	3758512.50	43.06604	(81032207)	407962.50	3758487.50	42.62965	(81032207)

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*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Appendix B

X-COORD (M)	Y-COORD (M)	CONC	NOx Peak Hour Emissions (YYMMDDHH)	Unmitigated X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407962.50	3758462.50	41.90607	(81032207)	407962.50	3758437.50	40.92524	(81032207)
407962.50	3758412.50	39.71976	(81032207)	407962.50	3758387.50	38.32370	(81032207)
407962.50	3758362.50	36.77140	(81032207)	407962.50	3758337.50	35.09657	(81032207)
407962.50	3758312.50	33.33145	(81032207)	407962.50	3758287.50	31.50620	(81032207)
407962.50	3758262.50	30.58271	(81100608)	407962.50	3758237.50	29.81114	(81100608)
407962.50	3758212.50	28.93089	(81100608)	407962.50	3758187.50	27.95955	(81100608)
407962.50	3758162.50	26.91431	(81100608)	407962.50	3758137.50	25.81157	(81100608)
407987.50	3758512.50	42.15002	(81032207)	407987.50	3758487.50	42.09295	(81032207)
407987.50	3758462.50	41.73754	(81032207)	407987.50	3758437.50	41.10667	(81032207)
407987.50	3758412.50	40.22714	(81032207)	407987.50	3758387.50	39.12844	(81032207)
407987.50	3758362.50	37.84162	(81032207)	407987.50	3758337.50	36.39835	(81032207)
407987.50	3758312.50	34.82991	(81032207)	407987.50	3758287.50	33.16651	(81032207)
407987.50	3758262.50	31.43661	(81032207)	407987.50	3758237.50	30.36744	(81100608)
407987.50	3758212.50	29.66875	(81100608)	407987.50	3758187.50	28.86039	(81100608)
407987.50	3758162.50	27.95875	(81100608)	407987.50	3758137.50	26.97993	(81100608)
408012.50	3758512.50	40.86474	(81032207)	408012.50	3758487.50	41.16600	(81032207)
408012.50	3758462.50	41.16755	(81032207)	408012.50	3758437.50	40.88477	(81032207)
408012.50	3758412.50	40.33786	(81032207)	408012.50	3758387.50	39.55077	(81032207)
408012.50	3758362.50	38.55018	(81032207)	408012.50	3758337.50	37.36447	(81032207)
408012.50	3758312.50	36.02276	(81032207)	408012.50	3758287.50	34.55410	(81032207)
408012.50	3758262.50	32.98677	(81032207)	408012.50	3758237.50	31.34762	(81032207)
408012.50	3758212.50	30.12703	(81100608)	408012.50	3758187.50	29.49751	(81100608)
408012.50	3758162.50	28.75790	(81100608)	408012.50	3758137.50	27.92342	(81100608)
408037.50	3758512.50	39.26529	(81032207)	408037.50	3758487.50	39.89525	(81032207)
408037.50	3758462.50	40.23309	(81032207)	408037.50	3758437.50	40.28661	(81032207)
408037.50	3758412.50	40.06904	(81032207)	408037.50	3758387.50	39.59820	(81032207)
408037.50	3758362.50	38.89555	(81032207)	408037.50	3758337.50	37.98521	(81032207)
408037.50	3758312.50	36.89310	(81032207)	408037.50	3758287.50	35.64603	(81032207)
408037.50	3758262.50	34.27097	(81032207)	408037.50	3758237.50	32.79433	(81032207)
408037.50	3758212.50	31.24147	(81032207)	408037.50	3758187.50	29.86485	(81100608)
408037.50	3758162.50	29.30084	(81100608)	408037.50	3758137.50	28.62684	(81100608)
408062.50	3758512.50	37.40972	(81032207)	408062.50	3758487.50	38.33223	(81032207)
408062.50	3758462.50	38.97797	(81032207)	408062.50	3758437.50	39.34750	(81032207)
408062.50	3758412.50	39.44709	(81032207)	408062.50	3758387.50	39.28811	(81032207)
408062.50	3758362.50	38.88629	(81032207)	408062.50	3758337.50	38.26083	(81032207)
408062.50	3758312.50	37.43356	(81032207)	408062.50	3758287.50	36.42815	(81032207)
408062.50	3758262.50	35.26931	(81032207)	408062.50	3758237.50	33.98204	(81032207)
408062.50	3758212.50	32.59103	(81032207)	408062.50	3758187.50	31.12015	(81032207)
408062.50	3758162.50	29.59199	(81032207)	408062.50	3758137.50	29.08189	(81100608)
408087.50	3758512.50	35.35643	(81032207)	408087.50	3758487.50	36.53091	(81032207)

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 *** ANALYSIS PEAK HR NOx emissions *** 11:31:22
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1, 2, 3, 4

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
408087.50	3758462.50	37.45040	(81032207)	408087.50	3758437.50	38.10878	(81032207)
408087.50	3758412.50	38.50569	(81032207)	408087.50	3758387.50	38.64614	(81032207)

Appendix B

		NOx Peak Hour Emissions Unmitigated				
408087.50	3758362.50	38.53986 (81032207)	408087.50	3758337.50	38.20072	(81032207)
408087.50	3758312.50	37.64588 (81032207)	408087.50	3758287.50	36.89515	(81032207)
408087.50	3758262.50	35.97013 (81032207)	408087.50	3758237.50	34.89357	(81032207)
408087.50	3758212.50	33.68865 (81032207)	408087.50	3758187.50	32.37847	(81032207)
408087.50	3758162.50	30.98546 (81032207)	408087.50	3758137.50	29.53106	(81032207)
408112.50	3758512.50	33.16206 (81032207)	408112.50	3758487.50	34.54552	(81032207)
408112.50	3758462.50	35.70070 (81032207)	408112.50	3758437.50	36.61562	(81032207)
408112.50	3758412.50	37.28390 (81032207)	408112.50	3758387.50	37.70444	(81032207)
408112.50	3758362.50	37.88114 (81032207)	408112.50	3758337.50	37.82228	(81032207)
408112.50	3758312.50	37.54011 (81032207)	408112.50	3758287.50	37.04998	(81032207)
408112.50	3758262.50	36.36982 (81032207)	408112.50	3758237.50	35.51937	(81032207)
408112.50	3758212.50	34.51957 (81032207)	408112.50	3758187.50	33.39195	(81032207)
408112.50	3758162.50	32.15805 (81032207)	408112.50	3758137.50	30.83899	(81032207)
405962.50	3758562.50	34.10994 (81111408)	406012.50	3758562.50	35.94764	(81111408)
406062.50	3758562.50	36.82854 (81111408)	406112.50	3758562.50	36.55972	(81111408)
406162.50	3758562.50	35.08823 (81111408)	406212.50	3758562.50	36.11979	(81082408)
406262.50	3758562.50	38.12847 (81061607)	406312.50	3758562.50	38.77233	(81061607)
406362.50	3758562.50	37.67865 (81061607)	406412.50	3758562.50	34.85506	(81061607)
406462.50	3758562.50	30.64988 (81061607)	405962.50	3760012.50	115.71613	(81061421)
405962.50	3759962.50	118.81925 (81122507)	405962.50	3759912.50	121.63403	(81122507)
405962.50	3759862.50	115.67870 (81122507)	405962.50	3759812.50	114.33109	(81122423)
405962.50	3759762.50	115.37837 (81122603)	405962.50	3759712.50	116.47787	(81030303)
405962.50	3759662.50	116.95432 (81033101)	405962.50	3759612.50	110.08630	(81022302)
405962.50	3759562.50	105.16444 (81122905)	405962.50	3759512.50	112.03332	(81112104)
405962.50	3759462.50	110.33639 (81112107)	405962.50	3759412.50	97.59319	(81110821)
405962.50	3759362.50	69.91943 (81031402)	405962.50	3759312.50	54.12249	(81030803)
405962.50	3759262.50	40.63474 (81031801)	405962.50	3759212.50	32.36169	(81040402)
405962.50	3759162.50	30.73160 (81101602)	405962.50	3759112.50	29.32857	(81101302)
405962.50	3759062.50	27.60843 (81031703)	405962.50	3759012.50	26.88883	(81030306)
405962.50	3758962.50	26.36231 (81112024)	405962.50	3758912.50	25.26937	(81120304)
405962.50	3758862.50	25.45466 (81021809)	405962.50	3758812.50	26.63294	(81021809)
405962.50	3758762.50	27.51974 (81110909)	405962.50	3758712.50	30.37655	(81110909)
405962.50	3758662.50	32.07291 (81110909)	405962.50	3758612.50	32.51964	(81110909)
406012.50	3760012.50	123.43756 (81122507)	406012.50	3759962.50	125.75615	(81122507)
406012.50	3759912.50	117.63732 (81122507)	406012.50	3759862.50	118.70197	(81122507)
406012.50	3759812.50	117.42126 (81121406)	406012.50	3759762.50	118.71156	(81112921)
406012.50	3759712.50	119.70530 (81120303)	406012.50	3759662.50	120.45059	(81032102)
406012.50	3759612.50	120.89203 (81040323)	406012.50	3759562.50	115.60048	(81022623)

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*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER IN MICROGRAMS/M**3				**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406012.50	3759512.50	115.34839	(81040906)	406012.50	3759462.50	103.17912	(81120403)
406012.50	3759412.50	77.25523	(81013002)	406012.50	3759362.50	65.37777	(81122401)
406012.50	3759312.50	52.41532	(81103006)	406012.50	3759262.50	43.37885	(81121503)
406012.50	3759212.50	31.51398	(81032704)	406012.50	3759162.50	31.16457	(81103007)
406012.50	3759112.50	29.79050	(81112004)	406012.50	3759062.50	27.89041	(81101705)
406012.50	3759012.50	26.80819	(81030306)	406012.50	3758962.50	26.96861	(81113023)

Appendix B

NOx Peak Hour Emissions Unmitigated

406012.50	3758912.50	25.98050	(81112005)	406012.50	3758862.50	25.94319	(81021809)
406012.50	3758812.50	26.60488	(81110909)	406012.50	3758762.50	29.89149	(81110909)
406012.50	3758712.50	31.99685	(81110909)	406012.50	3758662.50	32.77994	(81110909)
406012.50	3758612.50	34.57540	(81111408)	406062.50	3760012.50	128.01910	(81122507)
406062.50	3759812.50	122.17323	(81121406)	406062.50	3759762.50	122.84102	(81110304)
406062.50	3759712.50	123.53200	(81121924)	406062.50	3759662.50	118.92841	(81120405)
406062.50	3759612.50	116.55727	(81122504)	406062.50	3759562.50	85.34417	(81122905)
406062.50	3759512.50	69.12515	(81112104)	406062.50	3759462.50	64.98887	(81040405)
406062.50	3759412.50	56.21436	(81120404)	406062.50	3759362.50	47.34299	(81022005)
406062.50	3759312.50	44.68062	(81122608)	406062.50	3759262.50	33.80800	(81033103)
406062.50	3759212.50	33.23303	(81112003)	406062.50	3759162.50	31.83899	(81101302)
406062.50	3759112.50	30.35942	(81031703)	406062.50	3759062.50	28.97952	(81030306)
406062.50	3759012.50	27.97857	(81120124)	406062.50	3758962.50	27.57248	(81030307)
406062.50	3758912.50	26.11506	(81101501)	406062.50	3758862.50	25.84766	(81021809)
406062.50	3758812.50	29.10229	(81110909)	406062.50	3758762.50	31.65865	(81110909)
406062.50	3758712.50	32.81634	(81110909)	406062.50	3758662.50	34.92321	(81111408)
406062.50	3758612.50	36.52456	(81111408)	406112.50	3760012.50	119.90535	(81122506)
406112.50	3759812.50	79.64275	(81122724)	406112.50	3759762.50	77.66776	(81122423)
406112.50	3759712.50	74.09667	(81122324)	406112.50	3759662.50	70.01758	(81030305)
406112.50	3759612.50	67.61366	(81122504)	406112.50	3759562.50	65.51595	(81122905)
406112.50	3759512.50	62.50578	(81112104)	406112.50	3759462.50	46.10260	(81122806)
406112.50	3759412.50	41.93867	(81032705)	406112.50	3759362.50	40.34760	(81120223)
406112.50	3759312.50	40.35382	(81122608)	406112.50	3759262.50	38.64286	(81042102)
406112.50	3759212.50	34.44150	(81050704)	406112.50	3759162.50	32.88462	(81112004)
406112.50	3759112.50	31.18118	(81101705)	406112.50	3759062.50	29.62802	(81030223)
406112.50	3759012.50	29.43723	(81120304)	406112.50	3758962.50	27.89920	(81042005)
406112.50	3758912.50	26.86877	(81013022)	406112.50	3758862.50	27.94141	(81110909)
406112.50	3758812.50	30.98331	(81110909)	406112.50	3758762.50	32.57933	(81110909)
406112.50	3758712.50	35.06757	(81111408)	406112.50	3758662.50	36.96838	(81111408)
406112.50	3758612.50	37.43075	(81111408)	406162.50	3760012.50	113.10336	(81110704)
406162.50	3759812.50	99.74104	(81122724)	406162.50	3759462.50	51.44270	(81122806)
406162.50	3759412.50	58.44991	(81032705)	406162.50	3759362.50	54.82379	(81030803)
406162.50	3759312.50	53.24676	(81121503)	406162.50	3759262.50	40.99389	(81032704)
406162.50	3759212.50	36.05511	(81103007)	406162.50	3759162.50	33.59771	(81031703)

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406162.50	3759112.50	31.89950	(81030306)	406162.50	3759062.50	30.30912	(81120124)
406162.50	3759012.50	29.85721	(81112005)	406162.50	3758962.50	29.12161	(81111806)
406162.50	3758912.50	27.07094	(81122406)	406162.50	3758862.50	29.92677	(81110909)
406162.50	3758812.50	32.00185	(81110909)	406162.50	3758762.50	34.99575	(81111408)
406162.50	3758712.50	37.22229	(81111408)	406162.50	3758662.50	37.87003	(81111408)
406162.50	3758612.50	37.08971	(81111408)	406212.50	3759412.50	75.13589	(81031402)
406212.50	3759362.50	68.64524	(81103006)	406212.50	3759312.50	55.63830	(81033103)
406212.50	3759262.50	44.57584	(81112003)	406212.50	3759212.50	37.06623	(81112004)
406212.50	3759162.50	33.64947	(81101705)	406212.50	3759112.50	32.05345	(81040103)

Appendix B

		NOx Peak Hour Emissions Unmitigated					
		(81120304)	(81120304)				
406212.50	3759062.50	31.11288	(81122406)	406212.50	3759012.50	29.35744	(81101501)
406212.50	3758962.50	28.87044	(81110909)	406212.50	3758912.50	28.46732	(81110909)
406212.50	3758862.50	31.04864	(81111408)	406212.50	3758812.50	34.57769	(81111408)
406212.50	3758762.50	37.23713	(81111408)	406212.50	3758712.50	38.14587	(81111408)
406212.50	3758662.50	37.44474	(81111408)	406212.50	3758612.50	35.43149	(81111408)
406262.50	3759412.50	87.10133	(81122401)	406262.50	3759362.50	66.16167	(81122608)
406262.50	3759312.50	52.82683	(81101304)	406262.50	3759262.50	46.15109	(81103007)
406262.50	3759212.50	37.56443	(81031703)	406262.50	3759162.50	34.39571	(81030306)
406262.50	3759112.50	32.01624	(81113023)	406262.50	3759062.50	30.65750	(81042005)
406262.50	3759012.50	28.38523	(81031506)	406262.50	3758962.50	28.06802	(81071308)
406262.50	3758912.50	29.64280	(81110909)	406262.50	3758862.50	33.89404	(81111408)
406262.50	3758812.50	36.88145	(81111408)	406262.50	3758762.50	38.11554	(81111408)
406262.50	3758712.50	37.58096	(81111408)	406262.50	3758662.50	35.62510	(81111408)
406262.50	3758612.50	36.74084	(81061607)	406312.50	3759412.50	94.51907	(81022005)
406312.50	3759362.50	76.46848	(81121503)	406312.50	3759312.50	53.92752	(81112003)
406312.50	3759262.50	46.17942	(81112004)	406312.50	3759212.50	38.34185	(81101705)
406312.50	3759162.50	33.65014	(81112024)	406312.50	3759112.50	30.76149	(81030307)
406312.50	3759062.50	28.87690	(81013022)	406312.50	3759012.50	27.86766	(81071308)
406312.50	3758962.50	29.16965	(81071308)	406312.50	3758912.50	32.74179	(81111408)
406312.50	3758862.50	36.16298	(81111408)	406312.50	3758812.50	37.71137	(81111408)
406312.50	3758762.50	37.43293	(81111408)	406312.50	3758712.50	35.59217	(81111408)
406312.50	3758662.50	37.37335	(81061607)	406312.50	3758612.50	38.71130	(81061607)
406362.50	3759412.50	72.71652	(81030803)	406362.50	3759362.50	68.02024	(81121503)
406362.50	3759312.50	50.09293	(81050704)	406362.50	3759262.50	41.06972	(81031703)
406362.50	3759212.50	36.88520	(81030306)	406362.50	3759162.50	32.15291	(81120304)
406362.50	3759112.50	29.32513	(81101501)	406362.50	3759062.50	27.54190	(81122406)
406362.50	3759012.50	29.01327	(81071308)	406362.50	3758962.50	31.02633	(81111408)
406362.50	3758912.50	34.94881	(81111408)	406362.50	3758862.50	36.98480	(81111408)
406362.50	3758812.50	36.95107	(81111408)	406362.50	3758762.50	35.23309	(81111408)
406362.50	3758712.50	37.69361	(81061607)	406362.50	3758662.50	38.98727	(81061607)
406362.50	3758612.50	38.92775	(81061607)	406412.50	3759312.50	43.73653	(81103007)

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)
406412.50	3759262.50	39.21963	(81101705)	406412.50	3759212.50	34.83355	(81120124)
406412.50	3759162.50	30.10473	(81042005)	406412.50	3759112.50	27.75926	(81122406)
406412.50	3759062.50	28.25898	(81071308)	406412.50	3759012.50	29.35253	(81071308)
406412.50	3758962.50	33.08841	(81111408)	406412.50	3758912.50	35.54286	(81111408)
406412.50	3758862.50	36.10498	(81111408)	406412.50	3758812.50	34.94004	(81061607)
406412.50	3758762.50	37.67153	(81061607)	406412.50	3758712.50	38.87175	(81061607)
406412.50	3758662.50	38.66401	(81061607)	406412.50	3758612.50	37.25663	(81061607)
406462.50	3759312.50	40.01329	(81112004)	406462.50	3759262.50	36.27579	(81030306)
406462.50	3759212.50	31.60947	(81030307)	406462.50	3759162.50	27.40686	(81013022)
406462.50	3759112.50	26.71892	(81071308)	406462.50	3759062.50	28.44017	(81071308)
406462.50	3759012.50	30.55356	(81111408)	406462.50	3758962.50	33.35548	(81111408)
406462.50	3758912.50	34.20094	(81111408)	406462.50	3758862.50	34.37918	(81061607)
406462.50	3758812.50	37.21542	(81061607)	406462.50	3758762.50	38.31474	(81061607)

Appendix B

NOx Peak Hour Emissions Unmitigated

406462.50	3758712.50	38.02121	(81061607)	406462.50	3758662.50	36.47087	(81061607)
406462.50	3758612.50	33.91121	(81061607)	406512.50	3759262.50	36.94633	(81122424)
406512.50	3759212.50	33.07141	(81120223)	406512.50	3759162.50	28.64184	(81020620)
406512.50	3759112.50	26.75643	(81071308)	406512.50	3759062.50	27.66425	(81071308)
406512.50	3759012.50	30.48601	(81111408)	406512.50	3758962.50	31.84442	(81111408)
406512.50	3758912.50	32.73746	(81061607)	406512.50	3758862.50	35.84263	(81061607)
406512.50	3758812.50	36.98700	(81061607)	406512.50	3758762.50	36.77482	(81061607)
406512.50	3758712.50	35.21141	(81061607)	406512.50	3758662.50	32.59384	(81061607)
406512.50	3758612.50	29.25629	(81061607)	406537.50	3758562.50	27.97738	(81020401)
406562.50	3759262.50	41.93027	(81013002)	406562.50	3759212.50	37.22823	(81101402)
406562.50	3759162.50	32.60292	(81101424)	406562.50	3759112.50	28.98803	(81101302)
406562.50	3759062.50	26.73760	(81111408)	406562.50	3759012.50	28.51308	(81111408)
406562.50	3758962.50	30.79620	(81061607)	406562.50	3758912.50	33.72978	(81061607)
406562.50	3758862.50	34.98279	(81061607)	406562.50	3758812.50	34.91844	(81061607)
406562.50	3758762.50	33.52652	(81061607)	406562.50	3758712.50	30.98142	(81061607)
406562.50	3758662.50	27.67075	(81042106)	406562.50	3758612.50	28.02444	(81020401)
406587.50	3758562.50	28.16807	(81030806)	406612.50	3759212.50	43.96661	(81030901)
406612.50	3759162.50	38.18110	(81112003)	406612.50	3759112.50	32.66116	(81031703)
406612.50	3759062.50	28.65741	(81121201)	406612.50	3759012.50	27.50489	(81061607)
406612.50	3758962.50	30.46136	(81061607)	406612.50	3758912.50	32.11243	(81061607)
406612.50	3758862.50	32.48679	(81061607)	406612.50	3758812.50	31.50032	(81061607)
406612.50	3758762.50	29.20899	(81061607)	406612.50	3758712.50	27.69220	(81020401)
406612.50	3758662.50	28.12750	(81020606)	406637.50	3758562.50	31.97857	(81080607)
406662.50	3759162.50	42.25349	(81103007)	406662.50	3759112.50	34.65521	(81110705)
406662.50	3759062.50	31.75401	(81030307)	406662.50	3759012.50	27.91711	(81122406)
406662.50	3758962.50	28.50932	(81061607)	406662.50	3758912.50	29.63327	(81061607)
406662.50	3758862.50	29.34616	(81061607)	406662.50	3758812.50	27.48637	(81061607)

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*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406662.50	3758762.50	26.57220	(81020606)	406662.50	3758712.50	27.11687	(81030806)
406687.50	3758562.50	35.80148	(81080607)	406712.50	3759162.50	45.20567	(81111006)
406712.50	3759112.50	38.53055	(81120124)	406712.50	3759062.50	41.35081	(81111806)
406712.50	3759012.50	35.96780	(81121906)	406712.50	3758962.50	33.36448	(81112603)
406712.50	3758912.50	28.75668	(81021004)	406712.50	3758862.50	26.21398	(81061607)
406712.50	3758612.50	35.39935	(81080607)	406737.50	3758562.50	37.23127	(81080607)
406762.50	3759062.50	56.05784	(81101405)	406762.50	3759012.50	43.06454	(81022707)
406762.50	3758962.50	35.42167	(81021004)	406762.50	3758912.50	29.17535	(81112923)
406762.50	3758662.50	35.68218	(81080607)	406762.50	3758612.50	36.69461	(81080607)
406787.50	3758562.50	35.78788	(81080607)	406812.50	3759012.50	49.73140	(81021004)
406812.50	3758962.50	36.42838	(81010201)	406812.50	3758712.50	34.96393	(81080607)
406812.50	3758662.50	35.41433	(81080607)	406812.50	3758612.50	35.01619	(81080607)
406837.50	3758562.50	31.60619	(81080607)	406862.50	3758762.50	35.82745	(81031403)
406862.50	3758712.50	37.27602	(81122405)	406862.50	3758662.50	36.11675	(81112822)
406862.50	3758612.50	32.77963	(81122205)	406887.50	3758562.50	35.37548	(81010502)
406912.50	3758762.50	39.47316	(81122205)	406912.50	3758712.50	37.39440	(81122205)

Appendix B

		NOx Peak Hour Emissions Unmitigated					
		(81010502)	(81010502)				
406912.50	3758662.50	35.62861	406912.50	3758612.50	36.15453	(81021408)	
406937.50	3758562.50	40.50155	406962.50	3758762.50	42.42234	(81012605)	
406962.50	3758712.50	39.71362	406962.50	3758662.50	41.46421	(81021408)	
406962.50	3758612.50	42.48780	406987.50	3758562.50	44.36490	(81012602)	
407012.50	3758712.50	44.55364	407012.50	3758662.50	45.16989	(81021408)	
407012.50	3758612.50	44.89996	407037.50	3758562.50	49.00855	(81013104)	
407062.50	3758662.50	42.83684	407062.50	3758612.50	46.83090	(81010705)	
407087.50	3758562.50	53.91960	407112.50	3758662.50	47.30860	(81011002)	
407112.50	3758612.50	54.38346	407137.50	3758562.50	60.97252	(81122305)	
407162.50	3758662.50	63.50549	407162.50	3758612.50	61.27423	(81012924)	
407187.50	3758562.50	75.99858	407212.50	3758662.50	75.25327	(81010904)	
407212.50	3758612.50	78.44785	407237.50	3758562.50	88.88252	(81121404)	
407262.50	3758662.50	87.07014	407262.50	3758612.50	86.08884	(81013007)	
407287.50	3758562.50	90.53546	407312.50	3758662.50	100.26087	(81120102)	
407312.50	3758612.50	95.54284	407337.50	3758562.50	101.43024	(81120102)	
407362.50	3758662.50	113.69865	407362.50	3758612.50	107.29024	(81012606)	
407387.50	3758562.50	110.13968	407412.50	3758662.50	122.32983	(81020307)	
407412.50	3758612.50	120.90089	407437.50	3758562.50	120.24959	(81112206)	
407462.50	3758662.50	123.79295	407462.50	3758612.50	121.77182	(81103003)	
407487.50	3758562.50	114.55811	407512.50	3758662.50	105.35907	(81011704)	
407512.50	3758612.50	98.79550	407537.50	3758562.50	47.09386	(81020708)	
407562.50	3758662.50	48.50006	407562.50	3758612.50	48.32671	(81020708)	
407587.50	3758562.50	46.08477	407612.50	3758662.50	41.26176	(81020708)	
407612.50	3758612.50	43.29277	407637.50	3758562.50	41.59605	(81020708)	

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407662.50	3758612.50	35.87128	(81020708)	407687.50	3758562.50	34.91309	(81020708)
407712.50	3758612.50	39.74624	(81032207)	407737.50	3758562.50	36.58492	(81032207)
407762.50	3758612.50	44.78982	(81032207)	407787.50	3758562.50	41.68895	(81032207)
407812.50	3758612.50	47.40999	(81032207)	407837.50	3758562.50	44.74755	(81032207)
407862.50	3758612.50	47.50581	(81032207)	407887.50	3758562.50	45.56590	(81032207)
407912.50	3758612.50	45.36129	(81032207)	407937.50	3758562.50	44.28822	(81032207)
407962.50	3758612.50	41.50840	(81032207)	407987.50	3758562.50	41.30411	(81032207)
408012.50	3758612.50	36.57610	(81032207)	408037.50	3758562.50	37.12946	(81032207)
408062.50	3758612.50	31.36639	(81010509)	408087.50	3758562.50	32.29725	(81032207)
408112.50	3758612.50	30.52559	(81010509)	405962.50	3758537.50	34.84435	(81111408)
405987.50	3758562.50	35.13584	(81111408)	406037.50	3758562.50	36.52477	(81111408)
406087.50	3758562.50	36.85138	(81111408)	406137.50	3758562.50	35.96767	(81111408)
406187.50	3758562.50	35.69328	(81082408)	406237.50	3758562.50	37.19598	(81061607)
406287.50	3758562.50	38.65798	(81061607)	406337.50	3758562.50	38.43840	(81061607)
406387.50	3758562.50	36.47073	(81061607)	406437.50	3758562.50	32.89499	(81061607)
406487.50	3758562.50	28.16646	(81061607)	406537.50	3758537.50	27.84864	(81020606)
406587.50	3758537.50	28.41675	(81030806)	406637.50	3758537.50	33.13870	(81080607)
406687.50	3758537.50	36.49908	(81080607)	406737.50	3758537.50	37.38080	(81080607)
406787.50	3758537.50	35.37539	(81080607)	406837.50	3758537.50	30.80761	(81122205)
406887.50	3758537.50	34.69724	(81010502)	406937.50	3758537.50	40.87952	(81021408)

Appendix B

NOx Peak Hour Emissions Unmitigated

406987.50	3758537.50	46.32188	(81012602)	407037.50	3758537.50	49.79065	(81013104)
407087.50	3758537.50	55.66977	(81020502)	407137.50	3758537.50	64.35509	(81122305)
407187.50	3758537.50	83.25873	(81010105)	407237.50	3758537.50	91.29935	(81011001)
407287.50	3758537.50	97.61681	(81022505)	407337.50	3758537.50	104.88183	(81120102)
407387.50	3758537.50	108.16003	(81012606)	407437.50	3758537.50	116.60684	(81020402)
407487.50	3758537.50	117.91252	(81020623)	407537.50	3758537.50	45.66716	(81020708)
407587.50	3758537.50	45.65013	(81020708)	407637.50	3758537.50	42.12845	(81020708)
407687.50	3758537.50	36.17644	(81020708)	407737.50	3758537.50	33.61724	(81032207)
407787.50	3758537.50	39.11441	(81032207)	407837.50	3758537.50	42.84649	(81032207)
407887.50	3758537.50	44.50079	(81032207)	407937.50	3758537.50	44.09023	(81032207)
407987.50	3758537.50	41.89095	(81032207)	408037.50	3758537.50	38.34161	(81032207)
408087.50	3758537.50	33.93913	(81032207)	405962.50	3759987.50	116.86754	(81061622)
405962.50	3759937.50	120.25257	(81122507)	405962.50	3759887.50	121.22433	(81122507)
405962.50	3759837.50	113.93846	(81121406)	405962.50	3759787.50	114.63757	(81122722)
405962.50	3759737.50	115.77692	(81112605)	405962.50	3759687.50	117.07919	(81030305)
405962.50	3759637.50	115.49661	(81122504)	405962.50	3759587.50	105.20404	(81112906)
405962.50	3759537.50	109.76515	(81030804)	405962.50	3759487.50	109.09865	(81111202)
405962.50	3759437.50	104.67477	(81031724)	405962.50	3759387.50	79.21510	(81032705)
405962.50	3759337.50	60.42169	(81022005)	405962.50	3759287.50	45.97173	(81122608)
405962.50	3759237.50	36.26776	(81121503)	405962.50	3759187.50	31.11971	(81032704)

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

*** 07/29/11
 *** 11:31:22
 PAGE 78

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
405962.50	3759137.50	30.59250	(81103007)	405962.50	3759087.50	29.11839	(81111006)
405962.50	3759037.50	26.95649	(81101705)	405962.50	3758987.50	26.73718	(81030306)
405962.50	3758937.50	25.84340	(81113023)	405962.50	3758887.50	25.47146	(81030307)
405962.50	3758837.50	26.20160	(81021809)	405962.50	3758787.50	26.74978	(81021809)
405962.50	3758737.50	29.07994	(81110909)	405962.50	3758687.50	31.37939	(81110909)
405962.50	3758637.50	32.46012	(81110909)	406012.50	3759987.50	125.18643	(81122507)
406012.50	3759937.50	119.14467	(81122507)	406012.50	3759887.50	120.34719	(81122507)
406012.50	3759837.50	117.37024	(81122507)	406012.50	3759787.50	117.76247	(81042801)
406012.50	3759737.50	119.28840	(81122324)	406012.50	3759687.50	120.64112	(81030305)
406012.50	3759637.50	120.97198	(81010424)	406012.50	3759587.50	116.47120	(81112906)
406012.50	3759537.50	116.33728	(81030304)	406012.50	3759487.50	111.16878	(81030801)
406012.50	3759437.50	82.57572	(81122424)	406012.50	3759387.50	74.62681	(81032705)
406012.50	3759337.50	58.38433	(81120824)	406012.50	3759287.50	47.23687	(81122608)
406012.50	3759237.50	36.73387	(81040402)	406012.50	3759187.50	31.17024	(81112003)
406012.50	3759137.50	30.61280	(81101302)	406012.50	3759087.50	28.92987	(81031703)
406012.50	3759037.50	26.99108	(81030306)	406012.50	3758987.50	27.33542	(81112024)
406012.50	3758937.50	26.52893	(81120304)	406012.50	3758887.50	25.24752	(81022406)
406012.50	3758837.50	26.32097	(81021809)	406012.50	3758787.50	28.37997	(81110909)
406012.50	3758737.50	31.10787	(81110909)	406012.50	3758687.50	32.55432	(81110909)
406012.50	3758637.50	33.43402	(81111408)	406062.50	3759987.50	128.45830	(81122507)
406062.50	3759837.50	121.21788	(81122724)	406062.50	3759787.50	122.40697	(81122423)
406062.50	3759737.50	123.81871	(81122603)	406062.50	3759687.50	124.49471	(81122307)
406062.50	3759637.50	118.98666	(81031805)	406062.50	3759587.50	110.36964	(81032505)

Appendix B

		NOx Peak Hour Emissions Unmitigated			
		(81030804)	406062.50	3759487.50	
406062.50	3759537.50	75.15387			66.19926 (81122207)
406062.50	3759437.50	59.39534 (81122424)	406062.50	3759387.50	50.83014 (81101504)
406062.50	3759337.50	44.92851 (81030803)	406062.50	3759287.50	40.97215 (81121503)
406062.50	3759237.50	33.29565 (81101304)	406062.50	3759187.50	32.68657 (81103007)
406062.50	3759137.50	31.13094 (81112004)	406062.50	3759087.50	29.56597 (81101705)
406062.50	3759037.50	28.31991 (81030906)	406062.50	3758987.50	28.07941 (81113023)
406062.50	3758937.50	26.14910 (81042005)	406062.50	3758887.50	25.52334 (81021809)
406062.50	3758837.50	27.37140 (81110909)	406062.50	3758787.50	30.55636 (81110909)
406062.50	3758737.50	32.41069 (81110909)	406062.50	3758687.50	33.62518 (81111408)
406062.50	3758637.50	35.87623 (81111408)	406112.50	3759987.50	120.49727 (81122201)
406112.50	3759837.50	82.01766 (81120923)	406112.50	3759787.50	79.58295 (81121406)
406112.50	3759737.50	74.08966 (81112921)	406112.50	3759687.50	72.31480 (81030303)
406112.50	3759637.50	67.45721 (81033101)	406112.50	3759587.50	67.52101 (81112906)
406112.50	3759537.50	64.73997 (81030804)	406112.50	3759487.50	55.10025 (81122207)
406112.50	3759437.50	43.67099 (81122424)	406112.50	3759387.50	39.97866 (81022606)
406112.50	3759337.50	42.12288 (81103006)	406112.50	3759287.50	41.01127 (81121503)
406112.50	3759237.50	35.75276 (81112003)	406112.50	3759187.50	33.78301 (81040605)

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions *** 11:31:22
 **MODELOPTs: ** PAGE 79

CONC URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406112.50	3759137.50	31.84200	(81031703)	406112.50	3759087.50	30.38537	(81030306)
406112.50	3759037.50	29.27935	(81120124)	406112.50	3758987.50	28.89439	(81030307)
406112.50	3758937.50	26.95550	(81101501)	406112.50	3758887.50	26.19753	(81122406)
406112.50	3758837.50	29.63169	(81110909)	406112.50	3758787.50	31.96429	(81110909)
406112.50	3758737.50	33.60349	(81111408)	406112.50	3758687.50	36.18400	(81111408)
406112.50	3758637.50	37.36780	(81111408)	406162.50	3759987.50	105.28590	(81122506)
406162.50	3759837.50	102.05269	(81110401)	406162.50	3759787.50	105.32287	(81121406)
406162.50	3759437.50	54.18801	(81013002)	406162.50	3759387.50	56.94160	(81122820)
406162.50	3759337.50	56.18297	(81122608)	406162.50	3759287.50	46.49235	(81040402)
406162.50	3759237.50	37.78354	(81101602)	406162.50	3759187.50	34.76231	(81112004)
406162.50	3759137.50	32.51065	(81101705)	406162.50	3759087.50	31.03869	(81040103)
406162.50	3759037.50	30.08735	(81120304)	406162.50	3758987.50	29.46600	(81022406)
406162.50	3758937.50	27.80415	(81031506)	406162.50	3758887.50	28.33445	(81110909)
406162.50	3758837.50	31.15071	(81110909)	406162.50	3758787.50	33.30637	(81111408)
406162.50	3758737.50	36.32943	(81111408)	406162.50	3758687.50	37.72589	(81111408)
406162.50	3758637.50	37.65240	(81111408)	406212.50	3759437.50	87.07599	(81120404)
406212.50	3759387.50	74.61378	(81120223)	406212.50	3759337.50	60.32043	(81031801)
406212.50	3759287.50	49.18024	(81031002)	406212.50	3759237.50	38.99305	(81103007)
406212.50	3759187.50	35.10137	(81031703)	406212.50	3759137.50	33.45385	(81030306)
406212.50	3759087.50	31.77125	(81113023)	406212.50	3759037.50	30.45442	(81112005)
406212.50	3758987.50	29.27504	(81013022)	406212.50	3758937.50	28.10703	(81011807)
406212.50	3758887.50	29.95196	(81110909)	406212.50	3758837.50	32.70265	(81111408)
406212.50	3758787.50	36.10406	(81111408)	406212.50	3758737.50	37.90623	(81111408)
406212.50	3758687.50	37.95859	(81111408)	406212.50	3758637.50	36.56573	(81111408)
406262.50	3759437.50	90.16814	(81032705)	406262.50	3759387.50	79.39025	(81030803)
406262.50	3759337.50	56.55845	(81121503)	406262.50	3759287.50	49.14957	(81112003)
406262.50	3759237.50	41.62801	(81112004)	406262.50	3759187.50	35.78459	(81101705)

Appendix B

NOx Peak Hour Emissions Unmitigated

406262.50	3759137.50	32.72718	(81112024)	406262.50	3759087.50	31.39918	(81030307)
406262.50	3759037.50	29.95067	(81111806)	406262.50	3758987.50	27.83514	(81122406)
406262.50	3758937.50	28.62425	(81071308)	406262.50	3758887.50	31.74262	(81111408)
406262.50	3758837.50	35.59093	(81111408)	406262.50	3758787.50	37.67472	(81111408)
406262.50	3758737.50	38.06445	(81111408)	406262.50	3758687.50	36.75532	(81111408)
406262.50	3758637.50	36.14238	(81082408)	406312.50	3759437.50	97.83115	(81101504)
406312.50	3759387.50	91.53017	(81103006)	406312.50	3759337.50	64.03899	(81040402)
406312.50	3759287.50	50.57089	(81103007)	406312.50	3759237.50	42.04166	(81031703)
406312.50	3759187.50	35.26910	(81030306)	406312.50	3759137.50	32.01441	(81113023)
406312.50	3759087.50	29.32713	(81101501)	406312.50	3759037.50	28.42955	(81122406)
406312.50	3758987.50	28.67573	(81071308)	406312.50	3758937.50	30.39186	(81111408)
406312.50	3758887.50	34.67770	(81111408)	406312.50	3758837.50	37.17701	(81111408)
406312.50	3758787.50	37.78850	(81111408)	406312.50	3758737.50	36.68787	(81111408)

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK HR NOx emissions

*** 07/29/11
11:31:22
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**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406312.50	3758687.50	36.20044	(81061607)	406312.50	3758637.50	38.21544	(81061607)
406362.50	3759437.50	80.04585	(81022606)	406362.50	3759387.50	71.47279	(81122608)
406362.50	3759337.50	59.66832	(81031002)	406362.50	3759287.50	45.68135	(81101302)
406362.50	3759237.50	39.32801	(81101705)	406362.50	3759187.50	34.05871	(81120124)
406362.50	3759137.50	31.26931	(81112005)	406362.50	3759087.50	28.73518	(81031506)
406362.50	3759037.50	28.24206	(81071308)	406362.50	3758987.50	29.43862	(81071308)
406362.50	3758937.50	33.19588	(81111408)	406362.50	3758887.50	36.23635	(81111408)
406362.50	3758837.50	37.24058	(81111408)	406362.50	3758787.50	36.28594	(81111408)
406362.50	3758737.50	36.50654	(81061607)	406362.50	3758687.50	38.50552	(81061607)
406362.50	3758637.50	39.13537	(81061607)	406412.50	3759337.50	45.25307	(81112003)
406412.50	3759287.50	40.41367	(81111006)	406412.50	3759237.50	38.43988	(81030306)
406412.50	3759187.50	33.06533	(81120304)	406412.50	3759137.50	28.81931	(81111806)
406412.50	3759087.50	27.15754	(81071308)	406412.50	3759037.50	28.97287	(81071308)
406412.50	3758987.50	31.10909	(81111408)	406412.50	3758937.50	34.53727	(81111408)
406412.50	3758887.50	36.11290	(81111408)	406412.50	3758837.50	35.53504	(81111408)
406412.50	3758787.50	36.52436	(81061607)	406412.50	3758737.50	38.44541	(81061607)
406412.50	3758687.50	38.93737	(81061607)	406412.50	3758637.50	38.11360	(81061607)
406462.50	3759287.50	38.64791	(81101705)	406462.50	3759237.50	34.83088	(81120124)
406462.50	3759187.50	30.03225	(81042005)	406462.50	3759137.50	26.34170	(81122406)
406462.50	3759087.50	27.74397	(81071308)	406462.50	3759037.50	28.75237	(81071308)
406462.50	3758987.50	32.24340	(81111408)	406462.50	3758937.50	34.00808	(81111408)
406462.50	3758887.50	34.06505	(81111408)	406462.50	3758837.50	36.07363	(81061607)
406462.50	3758787.50	37.94603	(81061607)	406462.50	3758737.50	38.37297	(81061607)
406462.50	3758687.50	37.35873	(81061607)	406462.50	3758637.50	35.30844	(81061607)
406512.50	3759287.50	38.83179	(81112107)	406512.50	3759237.50	34.95640	(81032106)
406512.50	3759187.50	30.40733	(81030901)	406512.50	3759137.50	27.45310	(81031002)
406512.50	3759087.50	27.41029	(81071308)	406512.50	3759037.50	29.14873	(81111408)
406512.50	3758987.50	31.35981	(81111408)	406512.50	3758937.50	31.80343	(81111408)
406512.50	3758887.50	34.54219	(81061607)	406512.50	3758837.50	36.55561	(81061607)
406512.50	3758787.50	37.11710	(81061607)	406512.50	3758737.50	36.14698	(81061607)

Appendix B

		NOx Peak Hour Emissions Unmitigated					
		(81061607)	(81061607)				
406512.50	3758687.50	34.02500	(81061607)	406512.50	3758637.50	30.99553	(81061607)
406562.50	3759237.50	39.27317	(81031402)	406562.50	3759187.50	35.13346	(81031801)
406562.50	3759137.50	30.53916	(81101602)	406562.50	3759087.50	27.49889	(81031703)
406562.50	3759037.50	27.77778	(81111408)	406562.50	3758987.50	28.89565	(81111408)
406562.50	3758937.50	32.48778	(81061607)	406562.50	3758887.50	34.59393	(81061607)
406562.50	3758837.50	35.11919	(81061607)	406562.50	3758787.50	34.39875	(81061607)
406562.50	3758737.50	32.35976	(81061607)	406562.50	3758687.50	29.38968	(81061607)
406562.50	3758637.50	28.04655	(81020401)	406562.50	3758587.50	27.94468	(81020606)
406612.50	3759187.50	40.68225	(81033103)	406612.50	3759137.50	34.92905	(81040605)
406612.50	3759087.50	30.48995	(81050504)	406612.50	3759037.50	25.99586	(81031704)

• *** ISCS3T3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions *** 11:31:22
 **MODELOPTs: ** PAGE 81

CONC URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1, 2, 3, 4

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)
406612.50	3758987.50	29.19012	(81061607)	406612.50	3758937.50	31.43167	(81061607)
406612.50	3758887.50	32.44149	(81061607)	406612.50	3758837.50	32.16500	(81061607)
406612.50	3758787.50	30.51168	(81061607)	406612.50	3758737.50	27.66895	(81061607)
406612.50	3758687.50	28.66877	(81020606)	406612.50	3758637.50	27.51345	(81020321)
406612.50	3758587.50	27.92642	(81080607)	406662.50	3759187.50	46.68363	(81031002)
406662.50	3759137.50	38.03841	(81121101)	406662.50	3759087.50	33.15831	(81122124)
406662.50	3759037.50	29.22464	(81101501)	406662.50	3758987.50	27.87526	(81101405)
406662.50	3758937.50	29.19121	(81061607)	406662.50	3758887.50	29.70799	(81061607)
406662.50	3758837.50	28.59666	(81061607)	406662.50	3758787.50	26.51315	(81020606)
406662.50	3758737.50	26.81722	(81030806)	406712.50	3759137.50	40.62500	(81031024)
406712.50	3759087.50	39.65604	(81112005)	406712.50	3759037.50	37.19143	(81120224)
406712.50	3758987.50	34.28897	(81022702)	406712.50	3758937.50	31.72999	(81022703)
406712.50	3758887.50	27.11614	(81061607)	406712.50	3758587.50	36.20972	(81080607)
406762.50	3759037.50	48.46914	(81112101)	406762.50	3758987.50	39.57666	(81120107)
406762.50	3758937.50	31.82057	(81020923)	406762.50	3758687.50	34.93818	(81080607)
406762.50	3758637.50	36.31085	(81080607)	406762.50	3758587.50	36.87553	(81080607)
406812.50	3758987.50	42.70715	(81022704)	406812.50	3758687.50	35.31340	(81031403)
406812.50	3758637.50	35.32839	(81080607)	406812.50	3758587.50	34.56372	(81080607)
406862.50	3758737.50	36.93195	(81122405)	406862.50	3758687.50	37.41116	(81031505)
406862.50	3758637.50	34.90977	(81122205)	406862.50	3758587.50	29.59212	(81080607)
406912.50	3758787.50	39.73217	(81031505)	406912.50	3758737.50	37.50838	(81122205)
406912.50	3758687.50	36.14559	(81010502)	406912.50	3758637.50	35.01286	(81021408)
406912.50	3758587.50	36.65730	(81021408)	406962.50	3758737.50	40.03835	(81012605)
406962.50	3758687.50	40.61699	(81021408)	406962.50	3758637.50	42.17548	(81021408)
406962.50	3758587.50	42.72100	(81021408)	407012.50	3758687.50	44.89392	(81021408)
407012.50	3758637.50	45.13853	(81021408)	407012.50	3758587.50	44.65916	(81021408)
407062.50	3758687.50	43.16503	(81021408)	407062.50	3758637.50	42.33197	(81010705)
407062.50	3758587.50	49.16399	(81021605)	407112.50	3758637.50	52.10397	(81011002)
407112.50	3758587.50	56.10693	(81011002)	407162.50	3758637.50	61.07862	(81012924)
407162.50	3758587.50	61.40615	(81012924)	407212.50	3758637.50	73.21633	(81012701)
407212.50	3758587.50	81.82872	(81012701)	407262.50	3758637.50	86.64661	(81013007)
407262.50	3758587.50	87.56179	(81013007)	407312.50	3758637.50	99.13039	(81120102)
407312.50	3758587.50	94.48003	(81020124)	407362.50	3758637.50	108.43706	(81012606)
407362.50	3758587.50	105.35905	(81012606)	407412.50	3758637.50	122.00633	(81112206)

Appendix B

NOx Peak Hour Emissions Unmitigated

407412.50	3758587.50	120.52423	(81020402)	407462.50	3758637.50	120.06555	(81011504)
407462.50	3758587.50	121.67413	(81101706)	407512.50	3758637.50	102.43417	(81021405)
407512.50	3758587.50	99.34438	(81021623)	407562.50	3758637.50	48.56174	(81020708)
407562.50	3758587.50	47.82428	(81020708)	407612.50	3758637.50	42.42138	(81020708)
407612.50	3758587.50	43.88300	(81020708)	407662.50	3758637.50	36.30561	(81032207)
407662.50	3758587.50	37.26932	(81020708)	407712.50	3758637.50	42.92969	(81032207)

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

*** 07/29/11
 *** 11:31:22
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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407712.50	3758587.50	36.56038	(81032207)	407762.50	3758637.50	47.27791	(81032207)
407762.50	3758587.50	42.13074	(81032207)	407812.50	3758637.50	48.94015	(81032207)
407812.50	3758587.50	45.57488	(81032207)	407862.50	3758637.50	47.99184	(81032207)
407862.50	3758587.50	46.63916	(81032207)	407912.50	3758637.50	44.87824	(81032207)
407912.50	3758587.50	45.45155	(81032207)	407962.50	3758637.50	40.24492	(81032207)
407962.50	3758587.50	42.42056	(81032207)	408012.50	3758637.50	34.77620	(81032207)
408012.50	3758587.50	38.10141	(81032207)	408062.50	3758637.50	31.36602	(81010509)
408062.50	3758587.50	33.07207	(81032207)	408112.50	3758637.50	30.00895	(81010509)
408112.50	3758587.50	30.75671	(81010509)	405987.50	3758537.50	35.63506	(81111408)
406012.50	3758537.50	36.18504	(81111408)	406037.50	3758537.50	36.48307	(81111408)
406062.50	3758537.50	36.51815	(81111408)	406087.50	3758537.50	36.24927	(81111408)
406112.50	3758537.50	35.70536	(81111408)	406137.50	3758537.50	34.86127	(81111408)
406162.50	3758537.50	35.43586	(81082408)	406187.50	3758537.50	35.92053	(81082408)
406212.50	3758537.50	36.77440	(81061607)	406237.50	3758537.50	37.77173	(81061607)
406262.50	3758537.50	38.38185	(81061607)	406287.50	3758537.50	38.59273	(81061607)
406312.50	3758537.50	38.37476	(81061607)	406337.50	3758537.50	37.73080	(81061607)
406362.50	3758537.50	36.67772	(81061607)	406387.50	3758537.50	35.20781	(81061607)
406412.50	3758537.50	33.39054	(81061607)	406437.50	3758537.50	31.24529	(81061607)
406462.50	3758537.50	28.85666	(81061607)	406487.50	3758537.50	27.13106	(81121507)
406512.50	3758537.50	27.97946	(81020401)	406562.50	3758537.50	27.55401	(81020321)
406612.50	3758537.50	30.67881	(81080607)	406662.50	3758537.50	35.11665	(81080607)
406712.50	3758537.50	37.29054	(81080607)	406762.50	3758537.50	36.77343	(81080607)
406812.50	3758537.50	33.32741	(81080607)	406862.50	3758537.50	31.27493	(81122205)
406912.50	3758537.50	37.84032	(81021408)	406962.50	3758537.50	43.00154	(81021408)
407012.50	3758537.50	48.99217	(81010107)	407062.50	3758537.50	51.87403	(81021605)
407112.50	3758537.50	60.19366	(81011002)	407162.50	3758537.50	67.16544	(81013005)
407212.50	3758537.50	90.86916	(81012903)	407262.50	3758537.50	93.91479	(81012604)
407312.50	3758537.50	104.65852	(81020124)	407362.50	3758537.50	104.42702	(81100604)
407412.50	3758537.50	112.94054	(81122403)	407462.50	3758537.50	125.33303	(81020307)
407512.50	3758537.50	102.82706	(81011508)	407562.50	3758537.50	46.14125	(81020708)
407612.50	3758537.50	44.27149	(81020708)	407662.50	3758537.50	39.37423	(81020708)
407712.50	3758537.50	32.70275	(81020708)	407762.50	3758537.50	36.55389	(81032207)
407812.50	3758537.50	41.22857	(81032207)	407862.50	3758537.50	43.93975	(81032207)
407912.50	3758537.50	44.54144	(81032207)	407962.50	3758537.50	43.18929	(81032207)
408012.50	3758537.50	40.25422	(81032207)	408062.50	3758537.50	36.21619	(81032207)
408112.50	3758537.50	31.56778	(81032207)	405962.50	3758587.50	33.09278	(81111408)
406012.50	3758587.50	35.41620	(81111408)	406062.50	3758587.50	36.84409	(81111408)

Appendix B

			NOx Peak Hour Emissions (81111408)	Unmitigated 406162.50	3758587.50	36.21317	(81111408)
406112.50	3758587.50	37.16116	(81082408)	406262.50	3758587.50	37.59160	(81061607)
406212.50	3758587.50	35.87566	(81061607)	406362.50	3758587.50	38.45341	(81061607)
406312.50	3758587.50	38.89008					

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions *** 11:31:22
 **MODELOPTs: ** PAGE 83

CONC URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406412.50	3758587.50	36.17819	(81061607)	406462.50	3758587.50	32.33511	(81061607)
406512.50	3758587.50	27.42161	(81061607)	405987.50	3760012.50	119.04073	(81061421)
405987.50	3759962.50	122.75247	(81122507)	405987.50	3759912.50	124.99573	(81122507)
405987.50	3759862.50	120.24558	(81122507)	405987.50	3759812.50	115.85651	(81041905)
405987.50	3759762.50	116.92621	(81040904)	405987.50	3759712.50	118.11504	(81030303)
405987.50	3759662.50	118.68176	(81033101)	405987.50	3759612.50	116.26480	(81040323)
405987.50	3759562.50	113.55639	(81122905)	405987.50	3759512.50	116.55307	(81031804)
405987.50	3759462.50	115.22355	(81112107)	405987.50	3759412.50	96.64328	(81110322)
405987.50	3759362.50	69.41489	(81022606)	405987.50	3759312.50	55.04533	(81030803)
405987.50	3759262.50	43.47157	(81121503)	405987.50	3759212.50	31.38025	(81101304)
405987.50	3759162.50	30.62147	(81050704)	405987.50	3759112.50	29.73379	(81112004)
405987.50	3759062.50	27.75581	(81120921)	405987.50	3759012.50	26.84369	(81030306)
405987.50	3758962.50	26.78263	(81120124)	405987.50	3758912.50	25.81472	(81030307)
405987.50	3758862.50	25.76889	(81021809)	405987.50	3758812.50	26.57942	(81021809)
405987.50	3758762.50	28.76882	(81110909)	405987.50	3758712.50	31.27755	(81110909)
405987.50	3758662.50	32.53315	(81110909)	406037.50	3760012.50	127.61595	(81122507)
406037.50	3759812.50	119.90681	(81121406)	406037.50	3759762.50	120.65151	(81112921)
406037.50	3759712.50	121.68806	(81120303)	406037.50	3759662.50	122.27818	(81120405)
406037.50	3759612.50	121.15716	(81031504)	406037.50	3759562.50	113.88934	(81041204)
406037.50	3759512.50	98.06114	(81020721)	406037.50	3759462.50	67.67088	(81040405)
406037.50	3759412.50	65.02219	(81120404)	406037.50	3759362.50	54.65269	(81111807)
406037.50	3759312.50	51.33260	(81103006)	406037.50	3759262.50	37.19654	(81121503)
406037.50	3759212.50	33.47503	(81112003)	406037.50	3759162.50	31.40578	(81103007)
406037.50	3759112.50	29.90601	(81031703)	406037.50	3759062.50	28.50828	(81101406)
406037.50	3759012.50	28.08312	(81040103)	406037.50	3758962.50	27.53244	(81120304)
406037.50	3758912.50	26.14535	(81042005)	406037.50	3758862.50	25.97016	(81021809)
406037.50	3758812.50	27.90760	(81110909)	406037.50	3758762.50	30.85938	(81110909)
406037.50	3758712.50	32.51889	(81110909)	406037.50	3758662.50	33.54231	(81111408)
406087.50	3760012.50	123.07510	(81122507)	406087.50	3759812.50	98.64388	(81121602)
406087.50	3759762.50	84.20663	(81122722)	406087.50	3759712.50	87.16321	(81112605)
406087.50	3759662.50	77.58330	(81030305)	406087.50	3759612.50	81.55392	(81031504)
406087.50	3759562.50	69.86813	(81122905)	406087.50	3759512.50	65.68900	(81112104)
406087.50	3759462.50	59.85986	(81040405)	406087.50	3759412.50	44.87066	(81112607)
406087.50	3759362.50	42.35641	(81022005)	406087.50	3759312.50	41.69777	(81122608)
406087.50	3759262.50	35.02723	(81040402)	406087.50	3759212.50	33.16527	(81112003)
406087.50	3759162.50	32.32830	(81112004)	406087.50	3759112.50	30.49092	(81120921)
406087.50	3759062.50	29.43761	(81030306)	406087.50	3759012.50	28.82071	(81113023)
406087.50	3758962.50	27.46738	(81112005)	406087.50	3758912.50	26.26859	(81111806)
406087.50	3758862.50	26.71262	(81110909)	406087.50	3758812.50	30.14389	(81110909)
406087.50	3758762.50	32.23201	(81110909)	406087.50	3758712.50	33.62901	(81111408)

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11

Appendix B

NOx Peak Hour Emissions Unmitigated
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406087.50	3758662.50	36.06923	(81111408)	406137.50	3760012.50	121.64406	(81122904)
406137.50	3759812.50	79.65033	(81122724)	406137.50	3759762.50	78.92327	(81122423)
406137.50	3759712.50	77.89569	(81122324)	406137.50	3759662.50	73.30921	(81030305)
406137.50	3759612.50	67.09058	(81122504)	406137.50	3759562.50	61.94678	(81122905)
406137.50	3759512.50	47.66325	(81112104)	406137.50	3759462.50	42.70633	(81122806)
406137.50	3759412.50	46.23617	(81032705)	406137.50	3759362.50	47.93428	(81120824)
406137.50	3759312.50	48.23779	(81121503)	406137.50	3759262.50	39.87709	(81101304)
406137.50	3759212.50	35.37985	(81103007)	406137.50	3759162.50	33.39852	(81111006)
406137.50	3759112.50	31.39458	(81101406)	406137.50	3759062.50	29.87519	(81112024)
406137.50	3759012.50	29.81924	(81030307)	406137.50	3758962.50	28.43005	(81101501)
406137.50	3758912.50	27.07790	(81122406)	406137.50	3758862.50	29.03930	(81110909)
406137.50	3758812.50	31.62247	(81110909)	406137.50	3758762.50	33.48157	(81111408)
406137.50	3758712.50	36.28308	(81111408)	406137.50	3758662.50	37.57590	(81111408)
406187.50	3759412.50	73.74595	(81101504)	406187.50	3759362.50	61.91380	(81030803)
406187.50	3759312.50	57.12642	(81121503)	406187.50	3759262.50	42.88534	(81112003)
406187.50	3759212.50	36.83428	(81101302)	406187.50	3759162.50	33.67883	(81112302)
406187.50	3759112.50	32.13066	(81030306)	406187.50	3759062.50	30.60408	(81113023)
406187.50	3759012.50	29.89446	(81042005)	406187.50	3758962.50	29.32552	(81031506)
406187.50	3758912.50	27.53861	(81110909)	406187.50	3758862.50	30.60709	(81110909)
406187.50	3758812.50	33.02985	(81111408)	406187.50	3758762.50	36.25750	(81111408)
406187.50	3758712.50	37.85100	(81111408)	406187.50	3758662.50	37.81662	(81111408)
406237.50	3759412.50	82.04961	(81022606)	406237.50	3759362.50	66.83336	(81122608)
406237.50	3759312.50	53.98659	(81040402)	406237.50	3759262.50	45.53541	(81050704)
406237.50	3759212.50	36.97029	(81111006)	406237.50	3759162.50	33.80775	(81101406)
406237.50	3759112.50	32.76601	(81120124)	406237.50	3759062.50	30.82744	(81112005)
406237.50	3759012.50	29.08455	(81111806)	406237.50	3758962.50	28.04060	(81011807)
406237.50	3758912.50	29.17862	(81110909)	406237.50	3758862.50	32.25200	(81111408)
406237.50	3758812.50	35.88760	(81111408)	406237.50	3758762.50	37.86629	(81111408)
406237.50	3758712.50	38.04558	(81111408)	406237.50	3758662.50	36.69188	(81111408)
406287.50	3759412.50	91.29678	(81122820)	406287.50	3759362.50	71.16628	(81122608)
406287.50	3759312.50	53.15532	(81031002)	406287.50	3759262.50	45.42133	(81040605)
406287.50	3759212.50	37.89346	(81112302)	406287.50	3759162.50	33.92394	(81030906)
406287.50	3759112.50	31.07501	(81120304)	406287.50	3759062.50	29.68142	(81101501)
406287.50	3759012.50	28.07597	(81122406)	406287.50	3758962.50	28.70309	(81071308)
406287.50	3758912.50	31.09053	(81111408)	406287.50	3758862.50	35.19016	(81111408)
406287.50	3758812.50	37.51369	(81111408)	406287.50	3758762.50	37.97639	(81111408)
406287.50	3758712.50	36.75837	(81111408)	406287.50	3758662.50	36.18035	(81082408)
406337.50	3759412.50	89.29762	(81120223)	406337.50	3759362.50	77.21773	(81121503)
406337.50	3759312.50	55.37848	(81112003)	406337.50	3759262.50	44.96295	(81112004)
406337.50	3759212.50	37.06160	(81101406)	406337.50	3759162.50	33.60804	(81113023)

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

Appendix B

NOx Peak Hour Emissions Unmitigated
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER IN MICROGRAMS/M**3						**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)		
406337.50	3759112.50	29.64662	(81042005)	406337.50	3759062.50	28.00085	(81122406)		
406337.50	3759012.50	28.53000	(81071308)	406337.50	3758962.50	29.49105	(81111408)		
406337.50	3758912.50	34.05269	(81111408)	406337.50	3758862.50	36.79248	(81111408)		
406337.50	3758812.50	37.53001	(81111408)	406337.50	3758762.50	36.53346	(81111408)		
406337.50	3758712.50	36.40517	(81061607)	406337.50	3758662.50	38.39603	(81061607)		
406387.50	3759362.50	53.32631	(81040402)	406387.50	3759312.50	47.16425	(81103007)		
406387.50	3759262.50	39.67690	(81031703)	406387.50	3759212.50	36.01714	(81040103)		
406387.50	3759162.50	31.46517	(81030307)	406387.50	3759112.50	28.78364	(81013022)		
406387.50	3759062.50	27.80313	(81071308)	406387.50	3759012.50	29.29461	(81071308)		
406387.50	3758962.50	32.24212	(81111408)	406387.50	3758912.50	35.47095	(81111408)		
406387.50	3758862.50	36.79517	(81111408)	406387.50	3758812.50	36.00426	(81111408)		
406387.50	3758762.50	36.55145	(81061607)	406387.50	3758712.50	38.53188	(81061607)		
406387.50	3758662.50	39.07595	(81061607)	406437.50	3759312.50	40.98826	(81112004)		
406437.50	3759262.50	37.69313	(81101406)	406437.50	3759212.50	33.94917	(81113023)		
406437.50	3759162.50	28.63569	(81101501)	406437.50	3759112.50	26.40715	(81011807)		
406437.50	3759062.50	28.47748	(81071308)	406437.50	3759012.50	29.82707	(81111408)		
406437.50	3758962.50	33.43505	(81111408)	406437.50	3758912.50	35.07265	(81111408)		
406437.50	3758862.50	34.99127	(81111408)	406437.50	3758812.50	36.34420	(81061607)		
406437.50	3758762.50	38.31696	(81061607)	406437.50	3758712.50	38.73187	(81061607)		
406437.50	3758662.50	37.82510	(81061607)	406487.50	3759312.50	38.70974	(81031703)		
406487.50	3759262.50	34.95321	(81120922)	406487.50	3759212.50	31.35844	(81122820)		
406487.50	3759162.50	27.53108	(81050604)	406487.50	3759112.50	26.86069	(81071308)		
406487.50	3759062.50	28.18511	(81071308)	406487.50	3759012.50	30.75710	(81111408)		
406487.50	3758962.50	32.78402	(81111408)	406487.50	3758912.50	32.93003	(81111408)		
406487.50	3758862.50	35.37740	(81061607)	406487.50	3758812.50	37.44128	(81061607)		
406487.50	3758762.50	37.80579	(81061607)	406487.50	3758712.50	36.82155	(81061607)		
406487.50	3758662.50	34.70533	(81061607)	406537.50	3759262.50	39.00407	(81110322)		
406537.50	3759212.50	34.67435	(81120824)	406537.50	3759162.50	30.39557	(81033103)		
406537.50	3759112.50	27.60567	(81103007)	406537.50	3759062.50	27.32344	(81111408)		
406537.50	3759012.50	29.68068	(81111408)	406537.50	3758962.50	30.58875	(81111408)		
406537.50	3758912.50	33.63849	(81061607)	406537.50	3758862.50	35.66171	(81061607)		
406537.50	3758812.50	36.15514	(81061607)	406537.50	3758762.50	35.32138	(81061607)		
406537.50	3758712.50	33.23721	(81061607)	406537.50	3758662.50	30.21449	(81061607)		
406587.50	3759212.50	40.21365	(81103006)	406587.50	3759162.50	35.28761	(81031002)		
406587.50	3759112.50	30.48963	(81111006)	406587.50	3759062.50	27.12947	(81030906)		
406587.50	3759012.50	27.15718	(81111408)	406587.50	3758962.50	30.92282	(81061607)		
406587.50	3758912.50	33.12366	(81061607)	406587.50	3758862.50	33.85625	(81061607)		
406587.50	3758812.50	33.33772	(81061607)	406587.50	3758762.50	31.45992	(81061607)		
406587.50	3758712.50	28.52808	(81061607)	406587.50	3758662.50	28.24883	(81020401)		
406587.50	3758612.50	27.83199	(81020606)	406637.50	3759212.50	47.28282	(81121004)		

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions *** 11:31:22
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 86
 CONC

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER IN MICROGRAMS/M**3						**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)		

Appendix B

		NOx Peak Hour Emissions Unmitigated				
406637.50	3759162.50	40.66723 (81120119)	406637.50	3759112.50	34.57160	(81120921)
406637.50	3759062.50	30.32508 (81113023)	406637.50	3759012.50	27.39905	(81061607)
406637.50	3758962.50	29.62236 (81061607)	406637.50	3758912.50	30.90887	(81061607)
406637.50	3758862.50	30.93369 (81061607)	406637.50	3758812.50	29.52974	(81061607)
406637.50	3758762.50	27.01117 (81020401)	406637.50	3758712.50	28.19256	(81020606)
406637.50	3758662.50	27.09337 (81030806)	406687.50	3759162.50	43.94501	(81101302)
406687.50	3759112.50	34.27070 (81030906)	406687.50	3759062.50	34.50718	(81022406)
406687.50	3759012.50	31.75261 (81103102)	406687.50	3758962.50	30.27131	(81110306)
406687.50	3758912.50	28.45145 (81061607)	406687.50	3758862.50	27.77779	(81061607)
406687.50	3758762.50	26.44907 (81122402)	406737.50	3759112.50	45.80540	(81120304)
406737.50	3759062.50	48.63183 (81040406)	406737.50	3759012.50	39.83597	(81112101)
406737.50	3758962.50	34.70505 (81120107)	406737.50	3758912.50	29.25926	(81120406)
406737.50	3758662.50	34.80054 (81080607)	406737.50	3758612.50	36.37453	(81080607)
406787.50	3759012.50	46.35785 (81030904)	406787.50	3758962.50	36.12624	(81020923)
406787.50	3758712.50	34.74546 (81080607)	406787.50	3758662.50	35.90693	(81080607)
406787.50	3758612.50	36.23404 (81080607)	406837.50	3758712.50	36.51883	(81031403)
406837.50	3758662.50	36.30262 (81122405)	406837.50	3758612.50	33.88774	(81031505)
406887.50	3758762.50	37.97536 (81122405)	406887.50	3758712.50	37.34933	(81122205)
406887.50	3758662.50	36.29907 (81122205)	406887.50	3758612.50	31.98155	(81021408)
406937.50	3758762.50	40.67722 (81010502)	406937.50	3758712.50	37.96706	(81010502)
406937.50	3758662.50	38.05988 (81021408)	406937.50	3758612.50	39.61588	(81021408)
406987.50	3758712.50	42.72631 (81021408)	406987.50	3758662.50	43.96404	(81021408)
406987.50	3758612.50	44.34438 (81021408)	407037.50	3758712.50	44.89004	(81021408)
407037.50	3758662.50	44.81626 (81021408)	407037.50	3758612.50	44.04247	(81021408)
407087.50	3758662.50	39.34780 (81010903)	407087.50	3758612.50	51.03738	(81010903)
407137.50	3758662.50	52.62814 (81122305)	407137.50	3758612.50	58.25585	(81122305)
407187.50	3758662.50	67.74026 (81020601)	407187.50	3758612.50	68.82835	(81010105)
407237.50	3758662.50	80.87254 (81012604)	407237.50	3758612.50	78.97023	(81012824)
407287.50	3758662.50	93.83590 (81020124)	407287.50	3758612.50	91.47324	(81033022)
407337.50	3758662.50	106.11052 (81012606)	407337.50	3758612.50	100.70039	(81092505)
407387.50	3758662.50	118.46512 (81020402)	407387.50	3758612.50	114.72527	(81122403)
407437.50	3758662.50	125.52200 (81103003)	407437.50	3758612.50	123.83989	(81020307)
407487.50	3758662.50	118.66663 (81122818)	407487.50	3758612.50	109.43787	(81011324)
407537.50	3758662.50	50.88627 (81020708)	407537.50	3758612.50	49.44539	(81020708)
407587.50	3758662.50	45.20715 (81020708)	407587.50	3758612.50	46.21446	(81020708)
407637.50	3758612.50	39.77287 (81020708)	407687.50	3758612.50	36.47085	(81032207)
407737.50	3758612.50	42.54707 (81032207)	407787.50	3758612.50	46.41943	(81032207)
407837.50	3758612.50	47.76330 (81032207)	407887.50	3758612.50	46.68433	(81032207)
407937.50	3758612.50	43.60970 (81032207)	407987.50	3758612.50	39.13777	(81032207)
408037.50	3758612.50	33.89673 (81032207)	408087.50	3758612.50	31.06413	(81010509)

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

*** 07/29/11
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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1, 2, 3, 4

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
405987.50	3758612.50	33.28106	(81111408)	406037.50	3758612.50	35.66550	(81111408)
406087.50	3758612.50	37.12411	(81111408)	406137.50	3758612.50	37.43011	(81111408)
406187.50	3758612.50	36.41527	(81111408)	406237.50	3758612.50	36.03677	(81082408)
406287.50	3758612.50	37.91140	(81061607)	406337.50	3758612.50	39.05923	(81061607)

Appendix B

NOx Peak Hour Emissions Unmitigated

406387.50	3758612.50	38.32775	(81061607)	406437.50	3758612.50	35.76677	(81061607)
406487.50	3758612.50	31.70477	(81061607)	406512.50	3758562.50	27.29584	(81042106)
406537.50	3758612.50	27.53372	(81042106)	406562.50	3758562.50	27.82483	(81020606)
406612.50	3758562.50	29.34754	(81080607)	406662.50	3758562.50	34.17657	(81080607)
406712.50	3758562.50	36.84128	(81080607)	406762.50	3758562.50	36.89313	(81080607)
406812.50	3758562.50	34.04277	(81080607)	406862.50	3758562.50	29.58393	(81021408)
406912.50	3758562.50	37.22927	(81012605)	406962.50	3758562.50	42.87496	(81021408)
407012.50	3758562.50	46.20472	(81010107)	407062.50	3758562.50	50.75071	(81021605)
407112.50	3758562.50	58.47849	(81011002)	407162.50	3758562.50	61.72334	(81013005)
407212.50	3758562.50	87.32529	(81012903)	407262.50	3758562.50	89.83783	(81013007)
407312.50	3758562.50	95.16188	(81020124)	407362.50	3758562.50	103.80004	(81110806)
407412.50	3758562.50	115.95042	(81122403)	407462.50	3758562.50	124.76133	(81020307)
407512.50	3758562.50	101.09395	(81011324)	407562.50	3758562.50	47.08532	(81020708)
407612.50	3758562.50	44.20395	(81020708)	407662.50	3758562.50	38.43795	(81020708)
407712.50	3758562.50	33.42749	(81032207)	407762.50	3758562.50	39.36588	(81032207)
407812.50	3758562.50	43.49479	(81032207)	407862.50	3758562.50	45.43483	(81032207)
407912.50	3758562.50	45.16910	(81032207)	407962.50	3758562.50	42.97879	(81032207)
408012.50	3758562.50	39.33159	(81032207)	408062.50	3758562.50	34.76398	(81032207)
408112.50	3758562.50	30.70925	(81010509)	405987.50	3759987.50	121.07932	(81021906)
405987.50	3759937.50	124.09468	(81122507)	405987.50	3759887.50	123.99843	(81122507)
405987.50	3759837.50	115.35909	(81121602)	405987.50	3759787.50	116.26361	(81122722)
405987.50	3759737.50	117.48224	(81122324)	405987.50	3759687.50	118.88374	(81030305)
405987.50	3759637.50	119.13934	(81010424)	405987.50	3759587.50	112.07919	(81112906)
405987.50	3759537.50	116.46272	(81030304)	405987.50	3759487.50	116.21758	(81030801)
405987.50	3759437.50	108.91437	(81031724)	405987.50	3759387.50	79.52164	(81032705)
405987.50	3759337.50	62.57882	(81120223)	405987.50	3759287.50	47.87371	(81122608)
405987.50	3759237.50	38.54725	(81033103)	405987.50	3759187.50	30.60391	(81112003)
405987.50	3759137.50	30.68492	(81103007)	405987.50	3759087.50	28.51856	(81031703)
405987.50	3759037.50	26.44828	(81101406)	405987.50	3758987.50	27.00891	(81040103)
405987.50	3758937.50	26.59645	(81120304)	405987.50	3758887.50	25.02269	(81042005)
405987.50	3758837.50	26.33501	(81021809)	405987.50	3758787.50	27.10224	(81110909)
405987.50	3758737.50	30.18158	(81110909)	405987.50	3758687.50	32.05841	(81110909)
406037.50	3759987.50	128.02675	(81122507)	406037.50	3759837.50	118.70991	(81042701)
406037.50	3759787.50	120.06386	(81122423)	406037.50	3759737.50	121.44221	(81122603)
406037.50	3759687.50	122.43719	(81122307)	406037.50	3759637.50	122.29054	(81031524)
406037.50	3759587.50	115.71195	(81022624)	406037.50	3759537.50	108.94051	(81120823)

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions

*** 07/29/11
 *** 11:31:22
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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406037.50	3759487.50	75.27370	(81122207)	406037.50	3759437.50	64.89878	(81122424)
406037.50	3759387.50	61.47562	(81101504)	406037.50	3759337.50	51.18665	(81110904)
406037.50	3759287.50	42.77842	(81031801)	406037.50	3759237.50	35.13395	(81042102)
406037.50	3759187.50	32.12402	(81101602)	406037.50	3759137.50	30.82158	(81112004)
406037.50	3759087.50	29.18872	(81120921)	406037.50	3759037.50	27.89878	(81030306)
406037.50	3758987.50	27.67824	(81120124)	406037.50	3758937.50	26.71449	(81030307)
406037.50	3758887.50	25.45575	(81021809)	406037.50	3758837.50	26.15644	(81021809)

Appendix B

		NOx Peak Hour Emissions Unmitigated					
		(81110909)	(81110909)	406037.50	3758737.50	31.85813	(81110909)
406037.50	3758787.50	29.53826	(81110909)	406087.50	3759987.50	120.71703	(81122507)
406087.50	3759837.50	108.20377	(81122724)	406087.50	3759787.50	98.31469	(81122423)
406087.50	3759737.50	86.62446	(81122603)	406087.50	3759687.50	82.39522	(81122307)
406087.50	3759637.50	81.84039	(81031805)	406087.50	3759587.50	75.61526	(81112906)
406087.50	3759537.50	65.86756	(81030804)	406087.50	3759487.50	64.16658	(81122207)
406087.50	3759437.50	48.83958	(81122424)	406087.50	3759387.50	42.52501	(81031402)
406087.50	3759337.50	40.74276	(81030803)	406087.50	3759287.50	42.79342	(81121503)
406087.50	3759237.50	33.70262	(81032704)	406087.50	3759187.50	33.17202	(81103007)
406087.50	3759137.50	31.35466	(81121101)	406087.50	3759087.50	29.97312	(81101406)
406087.50	3759037.50	28.65419	(81112024)	406087.50	3758987.50	28.26270	(81120304)
406087.50	3758937.50	26.38119	(81022406)	406087.50	3758887.50	26.20373	(81031506)
406087.50	3758837.50	28.58437	(81110909)	406087.50	3758787.50	31.36679	(81110909)
406087.50	3758737.50	32.73101	(81110909)	406087.50	3758687.50	35.01685	(81111408)
406137.50	3759987.50	122.72293	(81122605)	406137.50	3759837.50	81.84792	(81110401)
406137.50	3759787.50	79.50281	(81121406)	406137.50	3759737.50	77.82236	(81112921)
406137.50	3759687.50	77.72648	(81030303)	406137.50	3759637.50	68.58124	(81033101)
406137.50	3759587.50	64.82406	(81112906)	406137.50	3759537.50	59.34534	(81030804)
406137.50	3759487.50	43.33572	(81112107)	406137.50	3759437.50	44.07861	(81013002)
406137.50	3759387.50	48.80779	(81122401)	406137.50	3759337.50	47.49932	(81122608)
406137.50	3759287.50	44.86648	(81033103)	406137.50	3759237.50	37.11796	(81112003)
406137.50	3759187.50	34.88609	(81112004)	406137.50	3759137.50	32.10313	(81112302)
406137.50	3759087.50	30.80991	(81030306)	406137.50	3759037.50	29.40585	(81113023)
406137.50	3758987.50	29.22178	(81042005)	406137.50	3758937.50	27.88336	(81013022)
406137.50	3758887.50	27.23653	(81110909)	406137.50	3758837.50	30.50624	(81110909)
406137.50	3758787.50	32.35339	(81110909)	406137.50	3758737.50	35.07058	(81111408)
406137.50	3758687.50	37.12398	(81111408)	406187.50	3759437.50	78.34286	(81120404)
406187.50	3759387.50	66.11159	(81022005)	406187.50	3759337.50	61.53357	(81122608)
406187.50	3759287.50	48.35476	(81101304)	406187.50	3759237.50	38.07773	(81103007)
406187.50	3759187.50	34.63464	(81111006)	406187.50	3759137.50	32.89090	(81101406)
406187.50	3759087.50	31.39337	(81120124)	406187.50	3759037.50	30.17218	(81030307)
406187.50	3758987.50	29.64759	(81111806)	406187.50	3758937.50	27.95811	(81122406)
406187.50	3758887.50	29.24728	(81110909)	406187.50	3758837.50	31.58059	(81110909)

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions *** 11:31:22
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 89

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1, 2, 3, 4

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406187.50	3758787.50	34.85983	(81111408)	406187.50	3758737.50	37.25648	(81111408)
406187.50	3758687.50	38.03863	(81111408)	406237.50	3759437.50	89.62642	(81112607)
406237.50	3759387.50	73.75554	(81120824)	406237.50	3759337.50	59.62414	(81121503)
406237.50	3759287.50	50.10992	(81032704)	406237.50	3759237.50	40.47003	(81101302)
406237.50	3759187.50	35.38549	(81112302)	406237.50	3759137.50	32.46193	(81030306)
406237.50	3759087.50	31.94060	(81120304)	406237.50	3759037.50	29.55956	(81101501)
406237.50	3758987.50	28.66239	(81122406)	406237.50	3758937.50	28.01100	(81071308)
406237.50	3758887.50	30.40830	(81110909)	406237.50	3758837.50	34.25385	(81111408)
406237.50	3758787.50	37.09578	(81111408)	406237.50	3758737.50	38.14872	(81111408)
406237.50	3758687.50	37.56040	(81111408)	406287.50	3759437.50	95.07636	(81032705)
406287.50	3759387.50	88.23059	(81030803)	406287.50	3759337.50	59.25571	(81033103)

Appendix B

NOx Peak Hour Emissions Unmitigated

406287.50	3759287.50	49.62199	(81101602)	406287.50	3759237.50	41.61842	(81112004)
406287.50	3759187.50	34.71894	(81101406)	406287.50	3759137.50	32.72028	(81120124)
406287.50	3759087.50	30.45687	(81112005)	406287.50	3759037.50	29.18767	(81031506)
406287.50	3758987.50	28.02417	(81071308)	406287.50	3758937.50	29.08261	(81071308)
406287.50	3758887.50	33.35693	(81111408)	406287.50	3758837.50	36.63490	(81111408)
406287.50	3758787.50	37.93302	(81111408)	406287.50	3758737.50	37.55240	(81111408)
406287.50	3758687.50	35.61428	(81111408)	406337.50	3759437.50	93.94869	(81031402)
406337.50	3759387.50	85.19540	(81122608)	406337.50	3759337.50	64.37626	(81101304)
406337.50	3759287.50	49.34378	(81103007)	406337.50	3759237.50	40.69584	(81112302)
406337.50	3759187.50	35.33153	(81030906)	406337.50	3759137.50	32.04724	(81030307)
406337.50	3759087.50	28.44137	(81111806)	406337.50	3759037.50	27.57655	(81071308)
406337.50	3758987.50	29.15496	(81071308)	406337.50	3758937.50	31.99901	(81111408)
406337.50	3758887.50	35.64722	(81111408)	406337.50	3758837.50	37.44443	(81111408)
406337.50	3758787.50	37.23553	(81111408)	406337.50	3758737.50	35.43504	(81111408)
406337.50	3758687.50	37.57853	(81061607)	406387.50	3759337.50	49.35741	(81112003)
406387.50	3759287.50	44.27605	(81112004)	406387.50	3759237.50	37.85042	(81101406)
406387.50	3759187.50	34.06901	(81113023)	406387.50	3759137.50	29.86495	(81101501)
406387.50	3759087.50	27.75202	(81122406)	406387.50	3759037.50	28.71631	(81071308)
406387.50	3758987.50	29.92658	(81111408)	406387.50	3758937.50	34.09909	(81111408)
406387.50	3758887.50	36.43598	(81111408)	406387.50	3758837.50	36.59055	(81111408)
406387.50	3758787.50	35.01397	(81061607)	406387.50	3758737.50	37.72599	(81061607)
406387.50	3758687.50	38.97354	(81061607)	406437.50	3759337.50	43.11108	(81103007)
406437.50	3759287.50	38.71690	(81031703)	406437.50	3759237.50	36.57859	(81040103)
406437.50	3759187.50	31.71741	(81112005)	406437.50	3759137.50	27.62450	(81031506)
406437.50	3759087.50	27.58919	(81071308)	406437.50	3759037.50	28.98984	(81071308)
406437.50	3758987.50	31.90572	(81111408)	406437.50	3758937.50	34.46754	(81111408)
406437.50	3758887.50	35.27337	(81111408)	406437.50	3758837.50	34.77597	(81061607)
406437.50	3758787.50	37.52599	(81061607)	406437.50	3758737.50	38.72340	(81061607)
406437.50	3758687.50	38.39264	(81061607)	406487.50	3759287.50	36.70604	(81101406)

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions *** 11:31:22
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 90
 CONC

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1, 2, 3, 4,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406487.50	3759237.50	33.56787	(81032705)	406487.50	3759187.50	29.22901	(81103006)
406487.50	3759137.50	26.51188	(81042102)	406487.50	3759087.50	27.70928	(81071308)
406487.50	3759037.50	29.05567	(81111408)	406487.50	3758987.50	31.97580	(81111408)
406487.50	3758937.50	33.04082	(81111408)	406487.50	3758887.50	33.64487	(81061607)
406487.50	3758837.50	36.59277	(81061607)	406487.50	3758787.50	37.79571	(81061607)
406487.50	3758737.50	37.47773	(81061607)	406487.50	3758687.50	35.88296	(81061607)
406537.50	3759237.50	36.41313	(81101504)	406537.50	3759187.50	32.07194	(81121004)
406537.50	3759137.50	28.82222	(81112003)	406537.50	3759087.50	26.83896	(81071308)
406537.50	3759037.50	28.71410	(81111408)	406537.50	3758987.50	30.33473	(81111408)
406537.50	3758937.50	31.88422	(81061607)	406537.50	3758887.50	34.86794	(81061607)
406537.50	3758837.50	36.05866	(81061607)	406537.50	3758787.50	35.88693	(81061607)
406537.50	3758737.50	34.40605	(81061607)	406537.50	3758687.50	31.81134	(81061607)
406587.50	3759237.50	42.78855	(81112601)	406587.50	3759187.50	37.64082	(81121503)
406587.50	3759137.50	32.48581	(81050704)	406587.50	3759087.50	28.81647	(81110206)

Appendix B

		NOx Peak Hour Emissions Unmitigated					
		(81111408)	(81111408)				
406587.50	3759037.50	26.60469	(81111408)	406587.50	3758987.50	29.13423	(81061607)
406587.50	3758937.50	32.20547	(81061607)	406587.50	3758887.50	33.68728	(81061607)
406587.50	3758837.50	33.76952	(81061607)	406587.50	3758787.50	32.53631	(81061607)
406587.50	3758737.50	30.11226	(81061607)	406587.50	3758687.50	27.86236	(81020401)
406587.50	3758637.50	27.85819	(81020606)	406637.50	3759187.50	43.34481	(81101424)
406637.50	3759137.50	36.93428	(81112004)	406637.50	3759087.50	32.40459	(81030906)
406637.50	3759037.50	26.42699	(81042005)	406637.50	3758987.50	28.68413	(81061607)
406637.50	3758937.50	30.41912	(81061607)	406637.50	3758887.50	31.07500	(81061607)
406637.50	3758837.50	30.41219	(81061607)	406637.50	3758787.50	28.31828	(81061607)
406637.50	3758737.50	27.19299	(81020606)	406637.50	3758687.50	28.28511	(81020321)
406687.50	3759137.50	39.12694	(81120921)	406687.50	3759087.50	33.92097	(81110703)
406687.50	3759037.50	31.87197	(81031506)	406687.50	3758987.50	30.94903	(81103004)
406687.50	3758937.50	29.83114	(81111007)	406687.50	3758887.50	28.35381	(81061607)
406687.50	3758837.50	26.82843	(81020606)	406687.50	3758737.50	26.66845	(81122402)
406737.50	3759137.50	46.52673	(81030906)	406737.50	3759037.50	42.99042	(81031005)
406737.50	3758987.50	37.31376	(81022707)	406737.50	3758937.50	31.49907	(81021004)
406737.50	3758637.50	35.68696	(81080607)	406787.50	3759037.50	54.92367	(81033104)
406787.50	3758987.50	40.57597	(81021004)	406787.50	3758937.50	32.35256	(81112923)
406787.50	3758687.50	35.44586	(81080607)	406787.50	3758637.50	36.22310	(81080607)
406837.50	3758737.50	36.16799	(81031403)	406837.50	3758687.50	36.73897	(81122405)
406837.50	3758637.50	34.42646	(81122405)	406887.50	3758787.50	38.02746	(81122405)
406887.50	3758737.50	37.68391	(81031505)	406887.50	3758687.50	36.91877	(81122205)
406887.50	3758637.50	34.22242	(81122205)	406937.50	3758737.50	38.63707	(81010502)
406937.50	3758687.50	37.18526	(81030802)	406937.50	3758637.50	38.94174	(81021408)
406987.50	3758737.50	42.03238	(81021408)	406987.50	3758687.50	43.34832	(81021408)
406987.50	3758637.50	44.30470	(81021408)	407037.50	3758687.50	44.87375	(81021408)

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*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407037.50	3758637.50	44.49466	(81021408)	407087.50	3758637.50	48.87708	(81010903)
407137.50	3758637.50	56.03045	(81122305)	407187.50	3758637.50	65.47115	(81020601)
407237.50	3758637.50	77.88764	(81012604)	407287.50	3758637.50	92.29285	(81011420)
407337.50	3758637.50	104.67509	(81110806)	407387.50	3758637.50	115.91967	(81020624)
407437.50	3758637.50	124.34694	(81101706)	407487.50	3758637.50	109.92447	(81021623)
407537.50	3758637.50	50.29830	(81020708)	407587.50	3758637.50	45.86269	(81020708)
407637.50	3758637.50	38.47434	(81020708)	407687.50	3758637.50	39.85666	(81032207)
407737.50	3758637.50	45.42596	(81032207)	407787.50	3758637.50	48.45052	(81032207)
407837.50	3758637.50	48.77125	(81032207)	407887.50	3758637.50	46.66801	(81032207)
407937.50	3758637.50	42.70804	(81032207)	407987.50	3758637.50	37.57430	(81032207)
408037.50	3758637.50	31.92283	(81032207)	408087.50	3758637.50	30.79686	(81010509)
405987.50	3758637.50	32.67090	(81110909)	405987.50	3758587.50	34.34482	(81111408)
406037.50	3758637.50	34.76294	(81111408)	406037.50	3758587.50	36.25040	(81111408)
406087.50	3758637.50	36.77644	(81111408)	406087.50	3758587.50	37.13855	(81111408)
406137.50	3758637.50	37.69020	(81111408)	406137.50	3758587.50	36.84529	(81111408)
406187.50	3758637.50	37.27774	(81111408)	406187.50	3758587.50	35.27705	(81111408)
406237.50	3758637.50	35.55722	(81111408)	406237.50	3758587.50	36.33808	(81061607)
406287.50	3758637.50	37.08007	(81061607)	406287.50	3758587.50	38.42980	(81061607)

Appendix B

NOx Peak Hour Emissions Unmitigated

406337.50	3758637.50	38.91422	(81061607)	406337.50	3758587.50	38.89290	(81061607)
406387.50	3758637.50	38.87243	(81061607)	406387.50	3758587.50	37.53798	(81061607)
406437.50	3758637.50	36.91520	(81061607)	406437.50	3758587.50	34.42637	(81061607)
406487.50	3758637.50	33.28531	(81061607)	406487.50	3758587.50	29.99251	(81061607)
406537.50	3758637.50	28.47147	(81061607)	406537.50	3758587.50	27.86708	(81020401)
406587.50	3758587.50	27.62786	(81020321)	406737.50	3758587.50	36.90227	(81080607)
406787.50	3758587.50	36.05896	(81080607)	406837.50	3758587.50	32.39529	(81080607)
406887.50	3758587.50	33.18879	(81021408)	406937.50	3758587.50	40.09412	(81021408)
406987.50	3758587.50	44.31100	(81021408)	407037.50	3758587.50	48.15557	(81013104)
407087.50	3758587.50	51.79499	(81020502)	407137.50	3758587.50	58.92706	(81122305)
407187.50	3758587.50	73.56458	(81010105)	407237.50	3758587.50	85.78772	(81121404)
407287.50	3758587.50	88.92248	(81033022)	407337.50	3758587.50	99.70695	(81120102)
407387.50	3758587.50	114.71445	(81122403)	407437.50	3758587.50	122.77446	(81020504)
407487.50	3758587.50	112.92706	(81011504)	407537.50	3758587.50	48.36500	(81020708)
407587.50	3758587.50	46.28108	(81020708)	407637.50	3758587.50	40.81296	(81020708)
407687.50	3758587.50	33.44798	(81020708)	407737.50	3758587.50	39.57932	(81032207)
407787.50	3758587.50	44.14412	(81032207)	407837.50	3758587.50	46.40455	(81032207)
407887.50	3758587.50	46.30635	(81032207)	407937.50	3758587.50	44.13364	(81032207)
407987.50	3758587.50	40.38515	(81032207)	408037.50	3758587.50	35.64124	(81032207)
408087.50	3758587.50	31.03942	(81010509)	408749.81	3760427.50	24.41838	(81062107)
408576.44	3760430.50	24.04627	(81061907)	408341.81	3760655.25	34.10088	(81061807)
408422.13	3760726.50	32.47695	(81061807)	408512.50	3760597.25	33.78744	(81061907)

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK HR NOx emissions

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
408737.16	3760284.25	29.90289	(81062107)	407589.22	3757492.75	26.60514	(81120710)
406297.84	3757662.00	27.50946	(81080607)	406584.22	3757389.75	21.89889	(81012122)
407118.84	3757983.50	44.06909	(81011002)	406874.28	3758349.75	42.05125	(81012605)
406620.19	3758321.00	36.65511	(81080607)	406622.53	3757771.75	28.04008	(81122205)
406913.03	3757488.00	31.16058	(81021408)	406700.63	3757538.25	25.33620	(81012605)
407066.22	3757290.75	25.64026	(81020502)	407127.28	3757406.50	28.38186	(81011002)
408971.50	3759219.25	26.63632	(81090808)	408922.47	3758958.75	20.21837	(81021308)
408826.50	3758876.00	28.20366	(81082008)	409072.44	3758868.25	21.05177	(81082008)
408994.97	3758728.50	28.63088	(81082008)	408227.34	3758224.50	34.86838	(81032207)
408139.69	3758492.50	31.94162	(81032207)	408581.97	3758154.25	25.14971	(81010509)
408461.59	3758025.75	29.69620	(81032207)	407729.41	3758130.75	34.24483	(81020708)
407645.41	3757976.25	23.70444	(81120710)	407482.91	3757723.50	55.49598	(81033022)
405320.38	3759820.00	42.66225	(81112605)	405904.09	3759261.50	42.48176	(81122608)
405691.53	3759433.25	57.81462	(81112107)	405617.38	3759631.25	94.57104	(81040323)
405524.66	3759523.75	52.37638	(81030304)	405402.38	3759491.75	49.02493	(81040104)
405646.00	3759323.00	40.71690	(81032705)	405616.31	3759173.50	29.15682	(81091408)
405512.63	3759095.00	28.84258	(81091408)	405377.47	3759043.00	27.85806	(81091408)
405466.31	3758975.75	24.65041	(81091408)	405527.84	3758925.25	23.42945	(81101302)
406550.63	3758915.00	33.58512	(81061607)	406480.47	3759093.00	27.57461	(81071308)
406259.69	3759222.50	38.96198	(81111006)	406195.81	3759106.75	31.90432	(81040103)
406070.25	3759025.25	28.31350	(81112024)	405757.63	3758923.00	25.53409	(81101406)

Appendix B

		NOx Peak Hour Emissions Unmitigated					
		(81113023)	(81071308)	(81041222)	(81020324)	(81020606)	(81111408)
405844.38	3758855.25	24.55328	29.37561	98.58787	96.53318	28.69692	35.80239
406403.53	3759010.50	29.37561	29.37561	98.58787	96.53318	28.69692	35.80239
406045.00	3760461.25	98.58787	29.37561	98.58787	96.53318	28.69692	35.80239
407261.69	3758458.75	96.53318	29.37561	98.58787	96.53318	28.69692	35.80239
406457.91	3758378.00	28.69692	29.37561	98.58787	96.53318	28.69692	35.80239
406205.03	3758613.50	35.80239	29.37561	98.58787	96.53318	28.69692	35.80239
406028.59	3758737.00	31.64218	29.37561	98.58787	96.53318	28.69692	35.80239
405736.72	3758451.50	30.46428	29.37561	98.58787	96.53318	28.69692	35.80239
406257.69	3758091.75	27.08362	29.37561	98.58787	96.53318	28.69692	35.80239
405932.31	3758196.50	32.21578	29.37561	98.58787	96.53318	28.69692	35.80239
405823.09	3758062.75	30.40190	29.37561	98.58787	96.53318	28.69692	35.80239
405982.13	3757889.25	25.08867	29.37561	98.58787	96.53318	28.69692	35.80239
405647.81	3758653.25	25.93350	29.37561	98.58787	96.53318	28.69692	35.80239
405436.44	3758454.50	25.28656	29.37561	98.58787	96.53318	28.69692	35.80239
405549.16	3758093.00	29.37400	29.37561	98.58787	96.53318	28.69692	35.80239
405479.72	3758764.50	21.63984	29.37561	98.58787	96.53318	28.69692	35.80239
405170.69	3759021.00	26.79324	29.37561	98.58787	96.53318	28.69692	35.80239
405349.88	3758821.25	22.04167	29.37561	98.58787	96.53318	28.69692	35.80239
405359.75	3758681.25	20.61399	29.37561	98.58787	96.53318	28.69692	35.80239

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions *** 11:31:22
 **MODELOPTs: PAGE 93

CONC URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER IN MICROGRAMS/M**3				**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
405236.44	3759463.75	35.95932	(81112104)	405212.38	3759382.75	32.84123	(81112107)
405186.19	3759300.00	31.11853	(81122424)	405257.38	3759088.75	27.09271	(81091408)
408456.66	3760361.75	26.08888	(81061907)	408269.97	3760516.25	36.87049	(81061907)
407367.84	3760879.75	76.62566	(81081007)	408322.63	3760275.50	28.03679	(81061907)
408794.38	3759931.00	19.92177	(81021409)	406130.81	3760014.50	121.16745	(81122904)

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions *** 11:31:22
 **MODELOPTs: PAGE 94

CONC URBAN ELEV FLGPOL NOCALM

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

		** CONC OF OTHER IN MICROGRAMS/M**3				**	
GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID		
1	HIGH 1ST HIGH VALUE IS	146.64926	ON 81012606: AT (407225.69, 3759048.50, 144.96,	1.50)	DC	NA	

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 BD = BOUNDARY

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions *** 11:31:22
 **MODELOPTs: PAGE 95

CONC URBAN ELEV FLGPOL NOCALM

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
 A Total of 4 Warning Message(s)
 A Total of 75552 Informational Message(s)
 A Total of 1405 Calm Hours Identified

Appendix B

A Total of 74147 Cases Identified with HE > ZI NOx Peak Hour Emissions Unmitigated

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
ME W360 7444 SET_WI:2-Digit Year Specified: Valid for Range 1950-2049 SURFDATA
SO W320 30 PPARAM :Input Parameter May Be Out-of-Range for Parameter QS
SO W320 34 PPARAM :Input Parameter May Be Out-of-Range for Parameter QS
RE W282 7437 CHK_EL:RecElev < SrcBase; See non-DEFAULT HE>ZI option in MCB#9

*** ISCST3 Finishes Successfully ***

Appendix B

NOx Peak Hour Emissions Mitigated

** ISC input file generated by GCC from
** Date: 7/22/2011

CO STARTING

TITLEONE WHITTIER MATRIX OIL PROJECT
TITLETWO ANALYSIS PEAK HR NOx emissions mitigated
MODELOPT CONC URBAN NOCALM
AVERTIME 1
POLLUTID Other
TERRHGT5 ELEV
RUNORNOT RUN
ERRORFIL c:\ISC\zERROR.ERR
FLAGPOLE 0.0

CO FINISHED

** UTMZONE 11
** SRCPARAM g/sec - height m - temp K - velocity m/s - dia m

SO STARTING

ELEVUNIT FEET

** Flare
LOCATION 1 POINT 407065 3759568 495
SRCPARAM 1 2.0833 12.2 1050 3.7 1.8

** DEA Reboiler - not operating on peak day
LOCATION 2 POINT 407085 3759498 495
SRCPARAM 2 0.000 6.1 565.0 2.8 0.25

** Heater - not operating on peak day
LOCATION 3 POINT 407085 3759498 495
SRCPARAM 3 0.000 6.1 565.0 2.8 0.5

** Drill Rig
LOCATION 4 POINT 407130 3759340 485
SRCPARAM 4 0.369 4.0 783.0 3.6 0.2

SRCGROUP 1 1-4

SO FINISHED

RE STARTING

ELEVUNIT FEET

** receptor 1 property boundary receptor: 1
DISCCART 409779.521165832 3759787.55611628 0.00 1.50
** receptor =B6+1 property boundary receptor: =C6+1
DISCCART 409779.356248946 3759762.55120596 0.00 1.50
** receptor =B7+1 property boundary receptor: =C7+1
DISCCART 409779.19133206 3759737.5562936 0.00 1.50
** receptor =B8+1 property boundary receptor: =C8+1
DISCCART 409779.026415174 3759712.55138327 0.00 1.50
** receptor =B9+1 property boundary receptor: =C9+1
DISCCART 409778.869744132 3759687.55647092 0.00 1.50
** receptor =B10+1 property boundary receptor: =C10+1
DISCCART 409778.704827246 3759662.56155856 0.00 1.50
** receptor =B11+1 property boundary receptor: =C11+1
DISCCART 409778.539910361 3759637.55664824 0.00 1.50
** receptor =B12+1 property boundary receptor: =C12+1
DISCCART 409778.374993475 3759612.56173588 0.00 1.50
** receptor =B13+1 property boundary receptor: =C13+1
DISCCART 409778.210076589 3759587.55682556 0.00 1.50
** receptor =B14+1 property boundary receptor: =C14+1
DISCCART 409778.053405547 3759562.5619132 0.00 1.50
** receptor =B15+1 property boundary receptor: =C15+1
DISCCART 409777.888488661 3759537.55700287 0.00 1.50
** receptor =B16+1 property boundary receptor: =C16+1
DISCCART 409777.723571775 3759512.56209052 0.00 1.50
** receptor =B17+1 property boundary receptor: =C17+1
DISCCART 409777.558654889 3759487.55718019 0.00 1.50

Appendix B

NOx Peak Hour Emissions Mitigated

```

** receptor =B18+1 property boundary receptor: =C18+1
DISCCART 409777.393738003 3759462.56226784 0.00 1.50
** receptor =B19+1 property boundary receptor: =C19+1
DISCCART 409777.237066962 3759437.55735751 0.00 1.50
** receptor =B20+1 property boundary receptor: =C20+1
DISCCART 409777.072150076 3759412.56244516 0.00 1.50
** receptor =B21+1 property boundary receptor: =C21+1
DISCCART 409776.90723319 3759387.55753483 0.00 1.50
** receptor =B22+1 property boundary receptor: =C22+1
DISCCART 409776.742316304 3759362.56262247 0.00 1.50
** receptor =B23+1 property boundary receptor: =C23+1
DISCCART 409776.577399418 3759337.56771012 0.00 1.50
** receptor =B24+1 property boundary receptor: =C24+1
DISCCART 409776.420728376 3759312.56279979 0.00 1.50
** receptor =B25+1 property boundary receptor: =C25+1
DISCCART 409776.25581149 3759287.56788744 0.00 1.50
** receptor =B26+1 property boundary receptor: =C26+1
DISCCART 409776.090894605 3759262.56297711 0.00 1.50
** receptor =B27+1 property boundary receptor: =C27+1
DISCCART 409775.925977719 3759237.56806476 0.00 1.50
** receptor =B28+1 property boundary receptor: =C28+1
DISCCART 409775.653864857 3759212.56315443 0.00 1.50
** receptor =B29+1 property boundary receptor: =C29+1
DISCCART 409775.389997839 3759187.56824207 0.00 1.50
** receptor =B30+1 property boundary receptor: =C30+1
DISCCART 409775.117884978 3759162.56333175 0.00 1.50
** receptor =B31+1 property boundary receptor: =C31+1
DISCCART 409774.845772116 3759137.56841939 0.00 1.50
** receptor =B32+1 property boundary receptor: =C32+1
DISCCART 409774.581905098 3759112.57350704 0.00 1.50
** receptor =B33+1 property boundary receptor: =C33+1
DISCCART 409774.309792237 3759087.56859671 0.00 1.50
** receptor =B34+1 property boundary receptor: =C34+1
DISCCART 409774.037679375 3759062.57368436 0.00 1.50
** receptor =B35+1 property boundary receptor: =C35+1
DISCCART 409773.773812357 3759037.578772 0.00 1.50
** receptor =B36+1 property boundary receptor: =C36+1
DISCCART 409765.239363511 3759020.17231503 0.00 1.50
** receptor =B37+1 property boundary receptor: =C37+1
DISCCART 409740.237963605 3759020.5522377 0.00 1.50
** receptor =B38+1 property boundary receptor: =C38+1
DISCCART 409715.244809544 3759020.89216851 0.00 1.50
** receptor =B39+1 property boundary receptor: =C39+1
DISCCART 409690.243409638 3759021.21210339 0.00 1.50
** receptor =B40+1 property boundary receptor: =C40+1
DISCCART 409665.242009733 3759021.53203826 0.00 1.50
** receptor =B41+1 property boundary receptor: =C41+1
DISCCART 409640.248855671 3759021.86197111 0.00 1.50
** receptor =B42+1 property boundary receptor: =C42+1
DISCCART 409615.247455766 3759022.18190599 0.00 1.50
** receptor =B43+1 property boundary receptor: =C43+1
DISCCART 409590.254301704 3759022.50184086 0.00 1.50
** receptor =B44+1 property boundary receptor: =C44+1
DISCCART 409565.252901799 3759022.83177371 0.00 1.50
** receptor =B45+1 property boundary receptor: =C45+1
DISCCART 409540.259747738 3759023.15170858 0.00 1.50
** receptor =B46+1 property boundary receptor: =C46+1
DISCCART 409515.266593676 3759024.15150508 0.00 1.50
** receptor =B47+1 property boundary receptor: =C47+1
DISCCART 409490.289931303 3759025.35126087 0.00 1.50
** receptor =B48+1 property boundary receptor: =C48+1
DISCCART 409465.321514775 3759026.38105126 0.00 1.50
** receptor =B49+1 property boundary receptor: =C49+1
DISCCART 409440.336606558 3759027.09090677 0.00 1.50
** receptor =B50+1 property boundary receptor: =C50+1
DISCCART 409415.351698341 3759027.66079077 0.00 1.50
** receptor =B51+1 property boundary receptor: =C51+1
DISCCART 409390.342052591 3759027.87074804 0.00 1.50
** receptor =B52+1 property boundary receptor: =C52+1
DISCCART 409365.34889853 3759028.39064221 0.00 1.50
** receptor =B53+1 property boundary receptor: =C53+1
DISCCART 409340.355744468 3759028.90053843 0.00 1.50
** receptor =B54+1 property boundary receptor: =C54+1
DISCCART 409315.362590407 3759029.4204326 0.00 1.50
** receptor =B55+1 property boundary receptor: =C55+1
DISCCART 409290.369436346 3759029.94032678 0.00 1.50

```


Appendix B

NOx Peak Hour Emissions Mitigated

```

** receptor =B56+1 property boundary receptor: =C56+1
DISCCART 409265.376282284 3759030.45022299 0.00 1.50
** receptor =B57+1 property boundary receptor: =C57+1
DISCCART 409240.374882379 3759030.97011717 0.00 1.50
** receptor =B58+1 property boundary receptor: =C58+1
DISCCART 409215.381728317 3759031.48001338 0.00 1.50
** receptor =B59+1 property boundary receptor: =C59+1
DISCCART 409190.388574256 3759031.99990756 0.00 1.50
** receptor =B60+1 property boundary receptor: =C60+1
DISCCART 409165.395420195 3759032.51980174 0.00 1.50
** receptor =B61+1 property boundary receptor: =C61+1
DISCCART 409140.402266133 3759033.02969795 0.00 1.50
** receptor =B62+1 property boundary receptor: =C62+1
DISCCART 409115.400866228 3759033.54959213 0.00 1.50
** receptor =B63+1 property boundary receptor: =C63+1
DISCCART 409090.407712167 3759034.0694863 0.00 1.50
** receptor =B64+1 property boundary receptor: =C64+1
DISCCART 409065.414558105 3759034.57938251 0.00 1.50
** receptor =B65+1 property boundary receptor: =C65+1
DISCCART 409040.421404044 3759035.09927669 0.00 1.50
** receptor =B66+1 property boundary receptor: =C66+1
DISCCART 409015.428249983 3759035.61917087 0.00 1.50
** receptor =B67+1 property boundary receptor: =C67+1
DISCCART 408990.426850077 3759036.12906708 0.00 1.50
** receptor =B68+1 property boundary receptor: =C68+1
DISCCART 408965.433696016 3759036.64896126 0.00 1.50
** receptor =B69+1 property boundary receptor: =C69+1
DISCCART 408940.440541954 3759037.15885747 0.00 1.50
** receptor =B70+1 property boundary receptor: =C70+1
DISCCART 408915.447387893 3759037.67875165 0.00 1.50
** receptor =B71+1 property boundary receptor: =C71+1
DISCCART 408890.454233832 3759038.19864582 0.00 1.50
** receptor =B72+1 property boundary receptor: =C72+1
DISCCART 408865.46107977 3759038.70854204 0.00 1.50
** receptor =B73+1 property boundary receptor: =C73+1
DISCCART 408840.459679865 3759039.22843621 0.00 1.50
** receptor =B74+1 property boundary receptor: =C74+1
DISCCART 408815.466525803 3759039.74833039 0.00 1.50
** receptor =B75+1 property boundary receptor: =C75+1
DISCCART 408790.473371742 3759040.2582266 0.00 1.50
** receptor =B76+1 property boundary receptor: =C76+1
DISCCART 408765.480217681 3759040.77812078 0.00 1.50
** receptor =B77+1 property boundary receptor: =C77+1
DISCCART 408740.487063619 3759041.28801699 0.00 1.50
** receptor =B78+1 property boundary receptor: =C78+1
DISCCART 408715.485663714 3759041.80791117 0.00 1.50
** receptor =B79+1 property boundary receptor: =C79+1
DISCCART 408690.492509652 3759042.32780535 0.00 1.50
** receptor =B80+1 property boundary receptor: =C80+1
DISCCART 408665.499355591 3759042.83770156 0.00 1.50
** receptor =B81+1 property boundary receptor: =C81+1
DISCCART 408640.50620153 3759043.35759573 0.00 1.50
** receptor =B82+1 property boundary receptor: =C82+1
DISCCART 408615.513047468 3759043.87748991 0.00 1.50
** receptor =B83+1 property boundary receptor: =C83+1
DISCCART 408590.519893407 3759044.38738612 0.00 1.50
** receptor =B84+1 property boundary receptor: =C84+1
DISCCART 408581.894740273 3759028.87054453 0.00 1.50
** receptor =B85+1 property boundary receptor: =C85+1
DISCCART 408581.58139819 3759003.87563217 0.00 1.50
** receptor =B86+1 property boundary receptor: =C86+1
DISCCART 408581.268056107 3758978.88071982 0.00 1.50
** receptor =B87+1 property boundary receptor: =C87+1
DISCCART 408580.954714024 3758953.87580949 0.00 1.50
** receptor =B88+1 property boundary receptor: =C88+1
DISCCART 408580.64137194 3758928.88089714 0.00 1.50
** receptor =B89+1 property boundary receptor: =C89+1
DISCCART 408580.328029857 3758903.88598478 0.00 1.50
** receptor =B90+1 property boundary receptor: =C90+1
DISCCART 408580.014687774 3758878.88107445 0.00 1.50
** receptor =B91+1 property boundary receptor: =C91+1
DISCCART 408579.701345691 3758853.8861621 0.00 1.50
** receptor =B92+1 property boundary receptor: =C92+1
DISCCART 408579.388003607 3758828.89124974 0.00 1.50
** receptor =B93+1 property boundary receptor: =C93+1
DISCCART 408579.074661524 3758803.88633942 0.00 1.50

```

Appendix B

NOx Peak Hour Emissions Mitigated

```

** receptor =B94+1 property boundary receptor: =C94+1
DISCCART 408578.761319441 3758778.89142706 0.00 1.50
** receptor =B95+1 property boundary receptor: =C95+1
DISCCART 408578.447977358 3758753.8965147 0.00 1.50
** receptor =B96+1 property boundary receptor: =C96+1
DISCCART 408578.134635274 3758728.89160438 0.00 1.50
** receptor =B97+1 property boundary receptor: =C97+1
DISCCART 408567.835575749 3758707.58594108 0.00 1.50
** receptor =B98+1 property boundary receptor: =C98+1
DISCCART 408550.700711301 3758689.38964489 0.00 1.50
** receptor =B99+1 property boundary receptor: =C99+1
DISCCART 408533.565846854 3758671.18335073 0.00 1.50
** receptor =B100+1 property boundary receptor: =C100+1
DISCCART 408513.767574699 3758658.37595763 0.00 1.50
** receptor =B101+1 property boundary receptor: =C101+1
DISCCART 408488.774420638 3758658.81586809 0.00 1.50
** receptor =B102+1 property boundary receptor: =C102+1
DISCCART 408463.773020732 3758659.26577651 0.00 1.50
** receptor =B103+1 property boundary receptor: =C103+1
DISCCART 408438.779866671 3758659.70568697 0.00 1.50
** receptor =B104+1 property boundary receptor: =C104+1
DISCCART 408413.78671261 3758660.15559539 0.00 1.50
** receptor =B105+1 property boundary receptor: =C105+1
DISCCART 408388.785312704 3758660.59550585 0.00 1.50
** receptor =B106+1 property boundary receptor: =C106+1
DISCCART 408363.792158643 3758661.04541427 0.00 1.50
** receptor =B107+1 property boundary receptor: =C107+1
DISCCART 408338.799004582 3758661.48532473 0.00 1.50
** receptor =B108+1 property boundary receptor: =C108+1
DISCCART 408313.797604676 3758661.93523315 0.00 1.50
** receptor =B109+1 property boundary receptor: =C109+1
DISCCART 408288.804450615 3758662.37514361 0.00 1.50
** receptor =B110+1 property boundary receptor: =C110+1
DISCCART 408263.811296553 3758662.81505407 0.00 1.50
** receptor =B111+1 property boundary receptor: =C111+1
DISCCART 408238.809896648 3758663.26496249 0.00 1.50
** receptor =B112+1 property boundary receptor: =C112+1
DISCCART 408213.816742586 3758663.70487295 0.00 1.50
** receptor =B113+1 property boundary receptor: =C113+1
DISCCART 408188.823588525 3758664.15478137 0.00 1.50
** receptor =B114+1 property boundary receptor: =C114+1
DISCCART 408163.822188619 3758664.59469183 0.00 1.50
** receptor =B115+1 property boundary receptor: =C115+1
DISCCART 408138.829034558 3758665.04460025 0.00 1.50
** receptor =B116+1 property boundary receptor: =C116+1
DISCCART 408113.835880497 3758665.48451071 0.00 1.50
** receptor =B117+1 property boundary receptor: =C117+1
DISCCART 408088.834480591 3758665.93441913 0.00 1.50
** receptor =B118+1 property boundary receptor: =C118+1
DISCCART 408063.84132653 3758666.37432959 0.00 1.50
** receptor =B119+1 property boundary receptor: =C119+1
DISCCART 408038.839926624 3758666.82423801 0.00 1.50
** receptor =B120+1 property boundary receptor: =C120+1
DISCCART 408013.846772563 3758667.26414847 0.00 1.50
** receptor =B121+1 property boundary receptor: =C121+1
DISCCART 407988.853618501 3758667.71405689 0.00 1.50
** receptor =B122+1 property boundary receptor: =C122+1
DISCCART 407963.852218596 3758668.15396735 0.00 1.50
** receptor =B123+1 property boundary receptor: =C123+1
DISCCART 407938.859064535 3758668.59387781 0.00 1.50
** receptor =B124+1 property boundary receptor: =C124+1
DISCCART 407913.865910473 3758669.04378623 0.00 1.50
** receptor =B125+1 property boundary receptor: =C125+1
DISCCART 407888.864510568 3758669.48369669 0.00 1.50
** receptor =B126+1 property boundary receptor: =C126+1
DISCCART 407863.871356506 3758669.93360511 0.00 1.50
** receptor =B127+1 property boundary receptor: =C127+1
DISCCART 407838.878202445 3758670.37351557 0.00 1.50
** receptor =B128+1 property boundary receptor: =C128+1
DISCCART 407813.876802539 3758670.82342399 0.00 1.50
** receptor =B129+1 property boundary receptor: =C129+1
DISCCART 407788.883648478 3758671.26333445 0.00 1.50
** receptor =B130+1 property boundary receptor: =C130+1
DISCCART 407763.890494417 3758671.71324287 0.00 1.50
** receptor =B131+1 property boundary receptor: =C131+1
DISCCART 407738.889094511 3758672.15315333 0.00 1.50

```

Appendix B

NOx Peak Hour Emissions Mitigated

```

** receptor =B132+1 property boundary receptor: =C132+1
DISCCART 407713.89594045 3758672.60306175 0.00 1.50
** receptor =B133+1 property boundary receptor: =C133+1
DISCCART 407688.902786388 3758673.04297221 0.00 1.50
** receptor =B134+1 property boundary receptor: =C134+1
DISCCART 407663.901386483 3758673.49288063 0.00 1.50
** receptor =B135+1 property boundary receptor: =C135+1
DISCCART 407638.908232421 3758673.93279109 0.00 1.50
** receptor =B136+1 property boundary receptor: =C136+1
DISCCART 407613.91507836 3758674.37270154 0.00 1.50
** receptor =B137+1 property boundary receptor: =C137+1
DISCCART 407588.913678454 3758674.82260997 0.00 1.50
** receptor =B138+1 property boundary receptor: =C138+1
DISCCART 407563.920524393 3758675.26252042 0.00 1.50
** receptor =B139+1 property boundary receptor: =C139+1
DISCCART 407538.919124488 3758675.71242885 0.00 1.50
** receptor =B140+1 property boundary receptor: =C140+1
DISCCART 407513.925970426 3758676.1523393 487.00 1.50
** receptor =B141+1 property boundary receptor: =C141+1
DISCCART 407488.916324676 3758676.67223348 504.80 1.50
** receptor =B142+1 property boundary receptor: =C142+1
DISCCART 407463.956153992 3758678.00196282 508.50 1.50
** receptor =B143+1 property boundary receptor: =C143+1
DISCCART 407438.987737464 3758679.33169215 508.00 1.50
** receptor =B144+1 property boundary receptor: =C144+1
DISCCART 407414.02756678 3758680.66142149 499.00 1.50
** receptor =B145+1 property boundary receptor: =C145+1
DISCCART 407389.059150251 3758681.99115083 491.80 1.50
** receptor =B146+1 property boundary receptor: =C146+1
DISCCART 407364.090733723 3758683.32088017 483.60 1.50
** receptor =B147+1 property boundary receptor: =C147+1
DISCCART 407339.130563039 3758684.6506095 473.10 1.50
** receptor =B148+1 property boundary receptor: =C148+1
DISCCART 407314.16214651 3758685.98033884 464.30 1.50
** receptor =B149+1 property boundary receptor: =C149+1
DISCCART 407289.201975826 3758687.31006818 459.00 1.50
** receptor =B150+1 property boundary receptor: =C150+1
DISCCART 407264.233559298 3758688.63979752 450.60 1.50
** receptor =B151+1 property boundary receptor: =C151+1
DISCCART 407239.273388613 3758689.96952686 445.20 1.50
** receptor =B152+1 property boundary receptor: =C152+1
DISCCART 407214.304972085 3758691.29925619 439.20 1.50
** receptor =B153+1 property boundary receptor: =C153+1
DISCCART 407189.344801401 3758692.62898553 421.30 1.50
** receptor =B154+1 property boundary receptor: =C154+1
DISCCART 407164.376384872 3758693.95871487 400.40 1.50
** receptor =B155+1 property boundary receptor: =C155+1
DISCCART 407139.416214188 3758695.27844624 382.00 1.50
** receptor =B156+1 property boundary receptor: =C156+1
DISCCART 407114.44779766 3758696.60817558 377.20 1.50
** receptor =B157+1 property boundary receptor: =C157+1
DISCCART 407089.487626976 3758697.93790491 384.00 1.50
** receptor =B158+1 property boundary receptor: =C158+1
DISCCART 407065.681874493 3758703.39679377 394.00 1.50
** receptor =B159+1 property boundary receptor: =C159+1
DISCCART 407045.124984663 3758717.63389585 400.10 1.50
** receptor =B160+1 property boundary receptor: =C160+1
DISCCART 407024.576340677 3758731.87099793 403.40 1.50
** receptor =B161+1 property boundary receptor: =C161+1
DISCCART 407004.019450847 3758746.09810204 406.20 1.50
** receptor =B162+1 property boundary receptor: =C162+1
DISCCART 406983.470806861 3758760.33520412 410.90 1.50
** receptor =B163+1 property boundary receptor: =C163+1
DISCCART 406962.922162876 3758774.5723062 415.50 1.50
** receptor =B164+1 property boundary receptor: =C164+1
DISCCART 406942.365273046 3758788.80940828 416.90 1.50
** receptor =B165+1 property boundary receptor: =C165+1
DISCCART 406921.81662906 3758803.0365124 418.60 1.50
** receptor =B166+1 property boundary receptor: =C166+1
DISCCART 406901.25973923 3758817.27361448 417.10 1.50
** receptor =B167+1 property boundary receptor: =C167+1
DISCCART 406883.918728675 3758804.44622545 408.20 1.50
** receptor =B168+1 property boundary receptor: =C168+1
DISCCART 406866.511751366 3758786.49987838 407.40 1.50
** receptor =B169+1 property boundary receptor: =C169+1
DISCCART 406849.055298991 3758768.49354352 409.10 1.50

```

Appendix B

NOx Peak Hour Emissions Mitigated

** receptor =B170+1 property boundary receptor: =C170+1
 DISCCART 406828.828242933 3758753.80653302 404.10 1.50
 ** receptor =B171+1 property boundary receptor: =C171+1
 DISCCART 406808.601186875 3758739.11952251 401.40 1.50
 ** receptor =B172+1 property boundary receptor: =C172+1
 DISCCART 406788.374130817 3758724.42251405 393.80 1.50
 ** receptor =B173+1 property boundary receptor: =C173+1
 DISCCART 406768.138828914 3758709.73550355 388.10 1.50
 ** receptor =B174+1 property boundary receptor: =C174+1
 DISCCART 406747.911772856 3758695.04849305 383.30 1.50
 ** receptor =B175+1 property boundary receptor: =C175+1
 DISCCART 406730.010044889 3758678.56184885 380.60 1.50
 ** receptor =B176+1 property boundary receptor: =C176+1
 DISCCART 406717.971112217 3758656.65630766 379.90 1.50
 ** receptor =B177+1 property boundary receptor: =C177+1
 DISCCART 406705.932179545 3758634.74076851 377.20 1.50
 ** receptor =B178+1 property boundary receptor: =C178+1
 DISCCART 406693.885001028 3758612.83522732 370.10 1.50
 ** receptor =B179+1 property boundary receptor: =C179+1
 DISCCART 406681.846068356 3758590.92968613 364.80 1.50
 ** receptor =B180+1 property boundary receptor: =C180+1
 DISCCART 406667.506545125 3758575.57281197 360.80 1.50
 ** receptor =B181+1 property boundary receptor: =C181+1
 DISCCART 406646.562100613 3758589.22003412 360.80 1.50
 ** receptor =B182+1 property boundary receptor: =C182+1
 DISCCART 406625.617656101 3758602.87725423 364.10 1.50
 ** receptor =B183+1 property boundary receptor: =C183+1
 DISCCART 406625.493968437 3758621.57344868 365.50 1.50
 ** receptor =B184+1 property boundary receptor: =C184+1
 DISCCART 406639.083119837 3758642.55917709 365.90 1.50
 ** receptor =B185+1 property boundary receptor: =C185+1
 DISCCART 406652.672271237 3758663.54490551 370.00 1.50
 ** receptor =B186+1 property boundary receptor: =C186+1
 DISCCART 406666.261422637 3758684.53063393 373.30 1.50
 ** receptor =B187+1 property boundary receptor: =C187+1
 DISCCART 406679.850574036 3758705.51636234 379.60 1.50
 ** receptor =B188+1 property boundary receptor: =C188+1
 DISCCART 406693.439725436 3758726.50209076 382.10 1.50
 ** receptor =B189+1 property boundary receptor: =C189+1
 DISCCART 406707.028876836 3758747.47782121 383.70 1.50
 ** receptor =B190+1 property boundary receptor: =C190+1
 DISCCART 406720.799436811 3758767.88366766 383.80 1.50
 ** receptor =B191+1 property boundary receptor: =C191+1
 DISCCART 406700.250792825 3758782.11077177 390.20 1.50
 ** receptor =B192+1 property boundary receptor: =C192+1
 DISCCART 406681.672905626 3758797.34767034 393.50 1.50
 ** receptor =B193+1 property boundary receptor: =C193+1
 DISCCART 406695.591890798 3758818.11344353 393.70 1.50
 ** receptor =B194+1 property boundary receptor: =C194+1
 DISCCART 406709.510875969 3758838.87921672 397.30 1.50
 ** receptor =B195+1 property boundary receptor: =C195+1
 DISCCART 406723.429861141 3758859.6449899 399.20 1.50
 ** receptor =B196+1 property boundary receptor: =C196+1
 DISCCART 406737.340600469 3758880.41076309 401.00 1.50
 ** receptor =B197+1 property boundary receptor: =C197+1
 DISCCART 406756.833776384 3758895.6076698 402.70 1.50
 ** receptor =B198+1 property boundary receptor: =C198+1
 DISCCART 406778.272971554 3758908.46505272 407.20 1.50
 ** receptor =B199+1 property boundary receptor: =C199+1
 DISCCART 406799.712166724 3758921.32243564 414.50 1.50
 ** receptor =B200+1 property boundary receptor: =C200+1
 DISCCART 406821.151361894 3758934.17981856 416.40 1.50
 ** receptor =B201+1 property boundary receptor: =C201+1
 DISCCART 406830.97216245 3758956.33530887 419.00 1.50
 ** receptor =B202+1 property boundary receptor: =C202+1
 DISCCART 406839.745740781 3758979.75054277 420.50 1.50
 ** receptor =B203+1 property boundary receptor: =C203+1
 DISCCART 406848.519319112 3759003.1557787 430.30 1.50
 ** receptor =B204+1 property boundary receptor: =C204+1
 DISCCART 406844.091300725 3759021.77198942 440.10 1.50
 ** receptor =B205+1 property boundary receptor: =C205+1
 DISCCART 406823.361248165 3759035.73914645 457.90 1.50
 ** receptor =B206+1 property boundary receptor: =C206+1
 DISCCART 406802.62294976 3759049.70630347 460.60 1.50
 ** receptor =B207+1 property boundary receptor: =C207+1
 DISCCART 406781.884651356 3759063.6734605 461.40 1.50

Appendix B

NOx Peak Hour Emissions Mitigated

** receptor	=B208+1	property boundary	receptor: =C208+1
DISCCART	406761.154598795	3759077.63061956	462.50 1.50
** receptor	=B209+1	property boundary	receptor: =C209+1
DISCCART	406740.416300391	3759091.59777659	445.50 1.50
** receptor	=B210+1	property boundary	receptor: =C210+1
DISCCART	406747.507726486	3759112.46352942	447.40 1.50
** receptor	=B211+1	property boundary	receptor: =C211+1
DISCCART	406760.231064234	3759133.97914998	450.90 1.50
** receptor	=B212+1	property boundary	receptor: =C212+1
DISCCART	406747.763347659	3759149.98589185	441.40 1.50
** receptor	=B213+1	property boundary	receptor: =C213+1
DISCCART	406732.228177005	3759166.43254418	436.20 1.50
** receptor	=B214+1	property boundary	receptor: =C214+1
DISCCART	406714.664528654	3759177.07037888	439.50 1.50
** receptor	=B215+1	property boundary	receptor: =C215+1
DISCCART	406693.579904789	3759190.50764377	445.20 1.50
** receptor	=B216+1	property boundary	receptor: =C216+1
DISCCART	406672.503526769	3759203.94490865	448.10 1.50
** receptor	=B217+1	property boundary	receptor: =C217+1
DISCCART	406651.418902904	3759217.37217557	452.50 1.50
** receptor	=B218+1	property boundary	receptor: =C218+1
DISCCART	406630.334279039	3759230.80944045	453.90 1.50
** receptor	=B219+1	property boundary	receptor: =C219+1
DISCCART	406609.249655174	3759244.24670534	454.70 1.50
** receptor	=B220+1	property boundary	receptor: =C220+1
DISCCART	406588.165031309	3759257.67397226	455.40 1.50
** receptor	=B221+1	property boundary	receptor: =C221+1
DISCCART	406567.080407444	3759271.11123714	453.50 1.50
** receptor	=B222+1	property boundary	receptor: =C222+1
DISCCART	406545.995783579	3759284.54850202	454.90 1.50
** receptor	=B223+1	property boundary	receptor: =C223+1
DISCCART	406524.911159714	3759297.97576894	456.00 1.50
** receptor	=B224+1	property boundary	receptor: =C224+1
DISCCART	406503.826535849	3759311.41303383	454.70 1.50
** receptor	=B225+1	property boundary	receptor: =C225+1
DISCCART	406482.750157828	3759324.85029871	455.30 1.50
** receptor	=B226+1	property boundary	receptor: =C226+1
DISCCART	406461.665533963	3759338.28756359	456.70 1.50
** receptor	=B227+1	property boundary	receptor: =C227+1
DISCCART	406440.580910098	3759351.71483051	457.40 1.50
** receptor	=B228+1	property boundary	receptor: =C228+1
DISCCART	406419.496286233	3759365.15209539	459.20 1.50
** receptor	=B229+1	property boundary	receptor: =C229+1
DISCCART	406398.411662368	3759378.58936028	466.20 1.50
** receptor	=B230+1	property boundary	receptor: =C230+1
DISCCART	406377.021942264	3759392.30656818	476.50 1.50
** receptor	=B231+1	property boundary	receptor: =C231+1
DISCCART	406375.644886267	3759417.26148868	478.20 1.50
** receptor	=B232+1	property boundary	receptor: =C232+1
DISCCART	406374.267830269	3759442.22640714	485.00 1.50
** receptor	=B233+1	property boundary	receptor: =C233+1
DISCCART	406372.890774272	3759467.1913256	487.80 1.50
** receptor	=B234+1	property boundary	receptor: =C234+1
DISCCART	406351.525791701	3759469.48085958	504.40 1.50
** receptor	=B235+1	property boundary	receptor: =C235+1
DISCCART	406326.540883484	3759468.72101424	513.00 1.50
** receptor	=B236+1	property boundary	receptor: =C236+1
DISCCART	406301.547729422	3759467.96116891	518.20 1.50
** receptor	=B237+1	property boundary	receptor: =C237+1
DISCCART	406276.562821205	3759467.20132357	513.80 1.50
** receptor	=B238+1	property boundary	receptor: =C238+1
DISCCART	406251.569667144	3759466.4514762	508.90 1.50
** receptor	=B239+1	property boundary	receptor: =C239+1
DISCCART	406226.584758927	3759465.69163086	506.90 1.50
** receptor	=B240+1	property boundary	receptor: =C240+1
DISCCART	406201.591604866	3759464.93178553	499.20 1.50
** receptor	=B241+1	property boundary	receptor: =C241+1
DISCCART	406176.606696648	3759464.17194019	472.60 1.50
** receptor	=B242+1	property boundary	receptor: =C242+1
DISCCART	406171.354093832	3759484.43781513	453.00 1.50
** receptor	=B243+1	property boundary	receptor: =C243+1
DISCCART	406171.634452538	3759509.43272749	441.20 1.50
** receptor	=B244+1	property boundary	receptor: =C244+1
DISCCART	406171.9065654	3759534.43763781	445.70 1.50
** receptor	=B245+1	property boundary	receptor: =C245+1
DISCCART	406172.186924106	3759559.43255017	456.90 1.50

Appendix B

NOx Peak Hour Emissions Mitigated

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** receptor =B246+1 property boundary receptor: =C246+1
DISCCART 406172.459036968 3759584.42746253 473.00 1.50
** receptor =B247+1 property boundary receptor: =C247+1
DISCCART 406172.739395674 3759609.43237285 488.60 1.50
** receptor =B248+1 property boundary receptor: =C248+1
DISCCART 406173.01975438 3759634.42728521 502.60 1.50
** receptor =B249+1 property boundary receptor: =C249+1
DISCCART 406173.291867242 3759659.43219553 508.70 1.50
** receptor =B250+1 property boundary receptor: =C250+1
DISCCART 406173.572225948 3759684.42710789 530.50 1.50
** receptor =B251+1 property boundary receptor: =C251+1
DISCCART 406173.844338809 3759709.42202025 531.00 1.50
** receptor =B252+1 property boundary receptor: =C252+1
DISCCART 406174.124697515 3759734.42693057 523.50 1.50
** receptor =B253+1 property boundary receptor: =C253+1
DISCCART 406174.396810377 3759759.42184293 541.40 1.50
** receptor =B254+1 property boundary receptor: =C254+1
DISCCART 406174.677169083 3759784.41675529 537.90 1.50
** receptor =B255+1 property boundary receptor: =C255+1
DISCCART 406174.957527789 3759809.42166561 527.00 1.50
** receptor =B256+1 property boundary receptor: =C256+1
DISCCART 406175.229640651 3759834.41657797 529.00 1.50
** receptor =B257+1 property boundary receptor: =C257+1
DISCCART 406175.509999357 3759859.41149032 518.70 1.50
** receptor =B258+1 property boundary receptor: =C258+1
DISCCART 406152.330931041 3759859.62144759 499.60 1.50
** receptor =B259+1 property boundary receptor: =C259+1
DISCCART 406127.346022824 3759858.88159818 492.00 1.50
** receptor =B260+1 property boundary receptor: =C260+1
DISCCART 406102.352868763 3759858.14174878 497.80 1.50
** receptor =B261+1 property boundary receptor: =C261+1
DISCCART 406077.367960546 3759857.39190141 548.20 1.50
** receptor =B262+1 property boundary receptor: =C262+1
DISCCART 406052.374806484 3759856.652052 603.20 1.50
** receptor =B263+1 property boundary receptor: =C263+1
DISCCART 406041.308883439 3759870.99913169 598.20 1.50
** receptor =B264+1 property boundary receptor: =C264+1
DISCCART 406041.572750456 3759895.99404405 595.60 1.50
** receptor =B265+1 property boundary receptor: =C265+1
DISCCART 406041.844863318 3759920.98895641 593.00 1.50
** receptor =B266+1 property boundary receptor: =C266+1
DISCCART 406042.108730336 3759945.99386673 652.50 1.50
** receptor =B267+1 property boundary receptor: =C267+1
DISCCART 406042.380843197 3759970.98877909 690.00 1.50
** receptor =B268+1 property boundary receptor: =C268+1
DISCCART 406067.349259726 3759972.61844738 677.10 1.50
** receptor =B269+1 property boundary receptor: =C269+1
DISCCART 406092.334167943 3759973.38829068 646.60 1.50
** receptor =B270+1 property boundary receptor: =C270+1
DISCCART 406117.327322004 3759974.15813398 595.70 1.50
** receptor =B271+1 property boundary receptor: =C271+1
DISCCART 406142.312230221 3759974.91797931 550.00 1.50
** receptor =B272+1 property boundary receptor: =C272+1
DISCCART 406167.305384283 3759975.68782261 501.80 1.50
** receptor =B273+1 property boundary receptor: =C273+1
DISCCART 406187.153131503 3759980.63681526 507.00 1.50
** receptor =B274+1 property boundary receptor: =C274+1
DISCCART 406187.425244365 3760005.64172558 508.40 1.50
** receptor =B275+1 property boundary receptor: =C275+1
DISCCART 406187.697357227 3760030.63663794 512.70 1.50
** receptor =B276+1 property boundary receptor: =C276+1
DISCCART 406187.969470088 3760055.64154826 522.30 1.50
** receptor =B277+1 property boundary receptor: =C277+1
DISCCART 406188.24158295 3760080.63646062 553.60 1.50
** receptor =B278+1 property boundary receptor: =C278+1
DISCCART 406188.505449968 3760105.63137298 605.90 1.50
** receptor =B279+1 property boundary receptor: =C279+1
DISCCART 406188.777562829 3760130.6362833 606.30 1.50
** receptor =B280+1 property boundary receptor: =C280+1
DISCCART 406189.049675691 3760155.63119566 582.80 1.50
** receptor =B281+1 property boundary receptor: =C281+1
DISCCART 406189.321788553 3760180.62610802 621.80 1.50
** receptor =B282+1 property boundary receptor: =C282+1
DISCCART 406189.593901415 3760205.63101834 668.30 1.50
** receptor =B283+1 property boundary receptor: =C283+1
DISCCART 406189.866014277 3760230.6259307 703.70 1.50

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Appendix B

NOx Peak Hour Emissions Mitigated

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** receptor =B284+1 property boundary receptor: =C284+1
DISCCART 406190.129881294 3760255.62084306 712.50 1.50
** receptor =B285+1 property boundary receptor: =C285+1
DISCCART 406198.210808704 3760273.80714129 709.80 1.50
** receptor =B286+1 property boundary receptor: =C286+1
DISCCART 406223.203962765 3760274.55698866 728.30 1.50
** receptor =B287+1 property boundary receptor: =C287+1
DISCCART 406248.188870983 3760275.29683806 727.10 1.50
** receptor =B288+1 property boundary receptor: =C288+1
DISCCART 406270.568092402 3760282.11545016 720.90 1.50
** receptor =B289+1 property boundary receptor: =C289+1
DISCCART 406289.73968039 3760298.15218592 719.10 1.50
** receptor =B290+1 property boundary receptor: =C290+1
DISCCART 406308.911268379 3760314.19891966 751.70 1.50
** receptor =B291+1 property boundary receptor: =C291+1
DISCCART 406328.082856367 3760330.24565339 769.70 1.50
** receptor =B292+1 property boundary receptor: =C292+1
DISCCART 406347.2626902 3760346.28238916 786.20 1.50
** receptor =B293+1 property boundary receptor: =C293+1
DISCCART 406366.434278188 3760362.32912289 784.80 1.50
** receptor =B294+1 property boundary receptor: =C294+1
DISCCART 406385.605866176 3760378.37585663 759.90 1.50
** receptor =B295+1 property boundary receptor: =C295+1
DISCCART 406404.777454164 3760394.42259036 763.00 1.50
** receptor =B296+1 property boundary receptor: =C296+1
DISCCART 406423.949042153 3760410.45932613 759.20 1.50
** receptor =B297+1 property boundary receptor: =C297+1
DISCCART 406438.560678245 3760430.58522956 791.50 1.50
** receptor =B298+1 property boundary receptor: =C298+1
DISCCART 406453.114593428 3760450.91109229 824.10 1.50
** receptor =B299+1 property boundary receptor: =C299+1
DISCCART 406464.510350245 3760468.4475228 845.30 1.50
** receptor =B300+1 property boundary receptor: =C300+1
DISCCART 406439.665621381 3760465.62809669 847.40 1.50
** receptor =B301+1 property boundary receptor: =C301+1
DISCCART 406414.829138361 3760462.81866854 851.20 1.50
** receptor =B302+1 property boundary receptor: =C302+1
DISCCART 406390.322489114 3760458.31958431 852.80 1.50
** receptor =B303+1 property boundary receptor: =C303+1
DISCCART 406365.972510907 3760452.67073412 847.20 1.50
** receptor =B304+1 property boundary receptor: =C304+1
DISCCART 406354.469558114 3760461.64890664 846.20 1.50
** receptor =B305+1 property boundary receptor: =C305+1
DISCCART 406362.261880974 3760484.3042952 797.40 1.50
** receptor =B306+1 property boundary receptor: =C306+1
DISCCART 406383.824763808 3760496.95172085 792.40 1.50
** receptor =B307+1 property boundary receptor: =C307+1
DISCCART 406405.214483912 3760509.6291404 793.10 1.50
** receptor =B308+1 property boundary receptor: =C308+1
DISCCART 406422.63795291 3760527.56548951 780.80 1.50
** receptor =B309+1 property boundary receptor: =C309+1
DISCCART 406440.053176063 3760545.50183862 786.30 1.50
** receptor =B310+1 property boundary receptor: =C310+1
DISCCART 406459.637056266 3760554.25005794 832.90 1.50
** receptor =B311+1 property boundary receptor: =C311+1
DISCCART 406482.214177949 3760543.50224563 862.30 1.50
** receptor =B312+1 property boundary receptor: =C312+1
DISCCART 406504.783053787 3760532.75443332 891.50 1.50
** receptor =B313+1 property boundary receptor: =C313+1
DISCCART 406527.351929625 3760522.006621 907.40 1.50
** receptor =B314+1 property boundary receptor: =C314+1
DISCCART 406549.920805464 3760511.24881072 919.80 1.50
** receptor =B315+1 property boundary receptor: =C315+1
DISCCART 406572.497927146 3760500.50099841 936.10 1.50
** receptor =B316+1 property boundary receptor: =C316+1
DISCCART 406596.617021712 3760494.71217671 948.10 1.50
** receptor =B317+1 property boundary receptor: =C317+1
DISCCART 406621.107179271 3760489.7231922 949.10 1.50
** receptor =B318+1 property boundary receptor: =C318+1
DISCCART 406645.011881886 3760486.75379661 977.60 1.50
** receptor =B319+1 property boundary receptor: =C319+1
DISCCART 406667.09425291 3760498.49140746 983.80 1.50
** receptor =B320+1 property boundary receptor: =C320+1
DISCCART 406684.064200472 3760513.01845052 969.70 1.50
** receptor =B321+1 property boundary receptor: =C321+1
DISCCART 406685.72986102 3760537.96337305 951.70 1.50

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Appendix B

NOx Peak Hour Emissions Mitigated

** receptor =B322+1 property boundary receptor: =C322+1
DISCCART 406687.395521567 3760562.90829558 941.20 1.50
** receptor =B323+1 property boundary receptor: =C323+1
DISCCART 406689.061182115 3760587.85321812 928.10 1.50
** receptor =B324+1 property boundary receptor: =C324+1
DISCCART 406690.726842663 3760612.79814065 906.30 1.50
** receptor =B325+1 property boundary receptor: =C325+1
DISCCART 406692.392503211 3760637.74306318 901.10 1.50
** receptor =B326+1 property boundary receptor: =C326+1
DISCCART 406694.058163759 3760662.68798572 914.40 1.50
** receptor =B327+1 property boundary receptor: =C327+1
DISCCART 406695.723824306 3760687.63290825 926.90 1.50
** receptor =B328+1 property boundary receptor: =C328+1
DISCCART 406694.016934537 3760710.82818692 929.80 1.50
** receptor =B329+1 property boundary receptor: =C329+1
DISCCART 406675.661685134 3760727.79473343 928.30 1.50
** receptor =B330+1 property boundary receptor: =C330+1
DISCCART 406657.306435731 3760744.7712779 929.00 1.50
** receptor =B331+1 property boundary receptor: =C331+1
DISCCART 406638.942940484 3760761.74782237 917.90 1.50
** receptor =B332+1 property boundary receptor: =C332+1
DISCCART 406620.587691081 3760778.71436888 909.20 1.50
** receptor =B333+1 property boundary receptor: =C333+1
DISCCART 406600.105013849 3760790.50196955 910.30 1.50
** receptor =B334+1 property boundary receptor: =C334+1
DISCCART 406575.309760051 3760793.6813224 913.60 1.50
** receptor =B335+1 property boundary receptor: =C335+1
DISCCART 406550.514506253 3760796.86067525 911.30 1.50
** receptor =B336+1 property boundary receptor: =C336+1
DISCCART 406525.719252455 3760800.04002811 910.10 1.50
** receptor =B337+1 property boundary receptor: =C337+1
DISCCART 406500.915752812 3760803.20938299 907.50 1.50
** receptor =B338+1 property boundary receptor: =C338+1
DISCCART 406478.025289046 3760812.0775779 899.10 1.50
** receptor =B339+1 property boundary receptor: =C339+1
DISCCART 406457.196286355 3760825.90476341 893.60 1.50
** receptor =B340+1 property boundary receptor: =C340+1
DISCCART 406436.367283663 3760839.72195097 890.60 1.50
** receptor =B341+1 property boundary receptor: =C341+1
DISCCART 406415.538280971 3760853.54913648 882.30 1.50
** receptor =B342+1 property boundary receptor: =C342+1
DISCCART 406392.268508367 3760856.24858702 870.50 1.50
** receptor =B343+1 property boundary receptor: =C343+1
DISCCART 406367.399041971 3760853.71910189 870.50 1.50
** receptor =B344+1 property boundary receptor: =C344+1
DISCCART 406342.521329729 3760851.17961879 866.50 1.50
** receptor =B345+1 property boundary receptor: =C345+1
DISCCART 406317.651863332 3760848.65013366 865.10 1.50
** receptor =B346+1 property boundary receptor: =C346+1
DISCCART 406292.782396936 3760846.11065056 864.20 1.50
** receptor =B347+1 property boundary receptor: =C347+1
DISCCART 406267.912930539 3760843.58116543 872.50 1.50
** receptor =B348+1 property boundary receptor: =C348+1
DISCCART 406244.090686367 3760836.56259404 883.10 1.50
** receptor =B349+1 property boundary receptor: =C349+1
DISCCART 406220.33440895 3760828.76418139 884.50 1.50
** receptor =B350+1 property boundary receptor: =C350+1
DISCCART 406196.586377378 3760820.96576873 881.50 1.50
** receptor =B351+1 property boundary receptor: =C351+1
DISCCART 406172.830099961 3760813.15735811 870.50 1.50
** receptor =B352+1 property boundary receptor: =C352+1
DISCCART 406149.082068388 3760805.35894546 867.20 1.50
** receptor =B353+1 property boundary receptor: =C353+1
DISCCART 406125.334036816 3760797.5605328 863.20 1.50
** receptor =B354+1 property boundary receptor: =C354+1
DISCCART 406105.593485571 3760782.55358742 862.70 1.50
** receptor =B355+1 property boundary receptor: =C355+1
DISCCART 406085.877671859 3760767.17671734 840.90 1.50
** receptor =B356+1 property boundary receptor: =C356+1
DISCCART 406083.428656103 3760744.02143053 840.90 1.50
** receptor =B357+1 property boundary receptor: =C357+1
DISCCART 406083.931652605 3760719.02651817 838.00 1.50
** receptor =B358+1 property boundary receptor: =C358+1
DISCCART 406084.442894952 3760694.03160581 824.10 1.50
** receptor =B359+1 property boundary receptor: =C359+1
DISCCART 406073.797509965 3760679.39458514 814.50 1.50

Appendix B

NOx Peak Hour Emissions Mitigated

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** receptor =B360+1 property boundary receptor: =C360+1
DISCCART 406048.812601748 3760680.15443047 809.20 1.50
** receptor =B361+1 property boundary receptor: =C361+1
DISCCART 406023.827693531 3760680.90427784 763.80 1.50
** receptor =B362+1 property boundary receptor: =C362+1
DISCCART 405998.83453947 3760681.65412521 703.40 1.50
** receptor =B363+1 property boundary receptor: =C363+1
DISCCART 405973.849631253 3760682.40397258 653.30 1.50
** receptor =B364+1 property boundary receptor: =C364+1
DISCCART 405948.856477192 3760683.16381792 647.20 1.50
** receptor =B365+1 property boundary receptor: =C365+1
DISCCART 405923.871568975 3760683.91366529 645.10 1.50
** receptor =B366+1 property boundary receptor: =C366+1
DISCCART 405898.878414913 3760684.66351266 605.30 1.50
** receptor =B367+1 property boundary receptor: =C367+1
DISCCART 405873.893506696 3760685.41336003 562.00 1.50
** receptor =B368+1 property boundary receptor: =C368+1
DISCCART 405848.900352635 3760686.1632074 537.10 1.50
** receptor =B369+1 property boundary receptor: =C369+1
DISCCART 405823.915444418 3760686.92305274 526.20 1.50
** receptor =B370+1 property boundary receptor: =C370+1
DISCCART 405798.922290357 3760687.67290011 521.50 1.50
** receptor =B371+1 property boundary receptor: =C371+1
DISCCART 405774.473362019 3760683.82368361 524.60 1.50
** receptor =B372+1 property boundary receptor: =C372+1
DISCCART 405749.554420556 3760682.28399701 542.50 1.50
** receptor =B373+1 property boundary receptor: =C373+1
DISCCART 405724.55302065 3760682.50395223 549.20 1.50
** receptor =B374+1 property boundary receptor: =C374+1
DISCCART 405699.559866589 3760682.73390543 534.70 1.50
** receptor =B375+1 property boundary receptor: =C375+1
DISCCART 405674.558466684 3760682.96385862 544.60 1.50
** receptor =B376+1 property boundary receptor: =C376+1
DISCCART 405649.557066778 3760683.19381182 556.20 1.50
** receptor =B377+1 property boundary receptor: =C377+1
DISCCART 405632.100614403 3760691.55211051 570.10 1.50
** receptor =B378+1 property boundary receptor: =C378+1
DISCCART 405632.809757013 3760716.54702287 587.70 1.50
** receptor =B379+1 property boundary receptor: =C379+1
DISCCART 405633.518899622 3760741.53193726 599.40 1.50
** receptor =B380+1 property boundary receptor: =C380+1
DISCCART 405634.219796387 3760766.52684962 603.30 1.50
** receptor =B381+1 property boundary receptor: =C381+1
DISCCART 405634.928938997 3760791.51176401 603.50 1.50
** receptor =B382+1 property boundary receptor: =C382+1
DISCCART 405635.638081606 3760816.50667637 604.70 1.50
** receptor =B383+1 property boundary receptor: =C383+1
DISCCART 405636.338978371 3760841.49159076 614.60 1.50
** receptor =B384+1 property boundary receptor: =C384+1
DISCCART 405637.048120981 3760866.48650312 632.00 1.50
** receptor =B385+1 property boundary receptor: =C385+1
DISCCART 405637.75726359 3760891.47141751 654.90 1.50
** receptor =B386+1 property boundary receptor: =C386+1
DISCCART 405638.458160355 3760916.46632987 658.40 1.50
** receptor =B387+1 property boundary receptor: =C387+1
DISCCART 405639.167302965 3760941.45124426 655.80 1.50
** receptor =B388+1 property boundary receptor: =C388+1
DISCCART 405639.876445574 3760966.44615662 659.10 1.50
** receptor =B389+1 property boundary receptor: =C389+1
DISCCART 405644.081826165 3760990.87118498 670.50 1.50
** receptor =B390+1 property boundary receptor: =C390+1
DISCCART 405653.317171777 3761014.1064555 681.40 1.50
** receptor =B391+1 property boundary receptor: =C391+1
DISCCART 405653.762447369 3761038.93140246 695.60 1.50
** receptor =B392+1 property boundary receptor: =C392+1
DISCCART 405654.150002051 3761063.92631482 706.90 1.50
** receptor =B393+1 property boundary receptor: =C393+1
DISCCART 405654.537556733 3761088.92122717 718.70 1.50
** receptor =B394+1 property boundary receptor: =C394+1
DISCCART 405672.802101848 3761096.21974158 721.60 1.50
** receptor =B395+1 property boundary receptor: =C395+1
DISCCART 405697.79525591 3761095.61986368 723.70 1.50
** receptor =B396+1 property boundary receptor: =C396+1
DISCCART 405722.788409971 3761095.01998579 721.30 1.50
** receptor =B397+1 property boundary receptor: =C397+1
DISCCART 405747.781564032 3761094.42010789 720.30 1.50

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Appendix B

NOx Peak Hour Emissions Mitigated

** receptor =B398+1 property boundary receptor: =C398+1
DISCCART 405772.766472249 3761093.82023 722.60 1.50
** receptor =B399+1 property boundary receptor: =C399+1
DISCCART 405797.759626311 3761093.2203521 726.10 1.50
** receptor =B400+1 property boundary receptor: =C400+1
DISCCART 405822.752780372 3761092.6204742 711.70 1.50
** receptor =B401+1 property boundary receptor: =C401+1
DISCCART 405847.745934433 3761092.02059631 659.40 1.50
** receptor =B402+1 property boundary receptor: =C402+1
DISCCART 405872.739088495 3761091.42071841 677.30 1.50
** receptor =B403+1 property boundary receptor: =C403+1
DISCCART 405897.732242556 3761090.82084051 700.10 1.50
** receptor =B404+1 property boundary receptor: =C404+1
DISCCART 405922.725396617 3761090.22096262 713.40 1.50
** receptor =B405+1 property boundary receptor: =C405+1
DISCCART 405947.718550679 3761089.62108472 723.90 1.50
** receptor =B406+1 property boundary receptor: =C406+1
DISCCART 405972.71170474 3761089.02120682 715.50 1.50
** receptor =B407+1 property boundary receptor: =C407+1
DISCCART 405997.704858801 3761088.41133096 696.70 1.50
** receptor =B408+1 property boundary receptor: =C408+1
DISCCART 406022.698012863 3761087.81145306 682.90 1.50
** receptor =B409+1 property boundary receptor: =C409+1
DISCCART 406047.691166924 3761087.21157517 744.00 1.50
** receptor =B410+1 property boundary receptor: =C410+1
DISCCART 406072.684320985 3761086.61169727 811.20 1.50
** receptor =B411+1 property boundary receptor: =C411+1
DISCCART 406097.677475047 3761086.01181937 811.30 1.50
** receptor =B412+1 property boundary receptor: =C412+1
DISCCART 406122.670629108 3761085.41194148 766.50 1.50
** receptor =B413+1 property boundary receptor: =C413+1
DISCCART 406147.663783169 3761084.81206358 718.20 1.50
** receptor =B414+1 property boundary receptor: =C414+1
DISCCART 406172.656937231 3761084.21218569 736.20 1.50
** receptor =B415+1 property boundary receptor: =C415+1
DISCCART 406197.650091292 3761083.61230779 747.10 1.50
** receptor =B416+1 property boundary receptor: =C416+1
DISCCART 406222.643245353 3761083.01242989 735.90 1.50
** receptor =B417+1 property boundary receptor: =C417+1
DISCCART 406247.636399415 3761082.412552 692.90 1.50
** receptor =B418+1 property boundary receptor: =C418+1
DISCCART 406272.629553476 3761081.8126741 695.00 1.50
** receptor =B419+1 property boundary receptor: =C419+1
DISCCART 406297.622707537 3761081.2127962 717.30 1.50
** receptor =B420+1 property boundary receptor: =C420+1
DISCCART 406322.607615754 3761080.61291831 750.80 1.50
** receptor =B421+1 property boundary receptor: =C421+1
DISCCART 406347.600769816 3761080.01304041 702.40 1.50
** receptor =B422+1 property boundary receptor: =C422+1
DISCCART 406372.593923877 3761079.41316251 706.20 1.50
** receptor =B423+1 property boundary receptor: =C423+1
DISCCART 406397.587077938 3761078.81328462 717.80 1.50
** receptor =B424+1 property boundary receptor: =C424+1
DISCCART 406422.580232 3761078.20340875 743.10 1.50
** receptor =B425+1 property boundary receptor: =C425+1
DISCCART 406447.573386061 3761077.60353086 744.20 1.50
** receptor =B426+1 property boundary receptor: =C426+1
DISCCART 406472.566540122 3761077.00365296 689.30 1.50
** receptor =B427+1 property boundary receptor: =C427+1
DISCCART 406497.559694184 3761076.40377506 682.70 1.50
** receptor =B428+1 property boundary receptor: =C428+1
DISCCART 406522.552848245 3761075.80389717 733.00 1.50
** receptor =B429+1 property boundary receptor: =C429+1
DISCCART 406547.546002306 3761075.20401927 766.50 1.50
** receptor =B430+1 property boundary receptor: =C430+1
DISCCART 406572.539156368 3761074.60414137 774.40 1.50
** receptor =B431+1 property boundary receptor: =C431+1
DISCCART 406597.532310429 3761074.00426348 764.30 1.50
** receptor =B432+1 property boundary receptor: =C432+1
DISCCART 406622.52546449 3761073.40438558 788.10 1.50
** receptor =B433+1 property boundary receptor: =C433+1
DISCCART 406647.518618552 3761072.80450769 778.40 1.50
** receptor =B434+1 property boundary receptor: =C434+1
DISCCART 406672.511772613 3761072.20462979 755.40 1.50
** receptor =B435+1 property boundary receptor: =C435+1
DISCCART 406697.504926674 3761071.60475189 797.00 1.50

Appendix B

NOx Peak Hour Emissions Mitigated

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** receptor =B436+1 property boundary receptor: =C436+1
DISCCART 406722.498080736 3761071.00487399 811.80 1.50
** receptor =B437+1 property boundary receptor: =C437+1
DISCCART 406747.491234797 3761070.4049961 768.50 1.50
** receptor =B438+1 property boundary receptor: =C438+1
DISCCART 406772.484388858 3761069.8051182 740.50 1.50
** receptor =B439+1 property boundary receptor: =C439+1
DISCCART 406797.47754292 3761069.20524031 786.40 1.50
** receptor =B440+1 property boundary receptor: =C440+1
DISCCART 406822.470696981 3761068.60536241 834.10 1.50
** receptor =B441+1 property boundary receptor: =C441+1
DISCCART 406847.463851042 3761068.00548451 852.90 1.50
** receptor =B442+1 property boundary receptor: =C442+1
DISCCART 406872.457005104 3761067.39560865 857.90 1.50
** receptor =B443+1 property boundary receptor: =C443+1
DISCCART 406897.441913321 3761066.79573075 846.20 1.50
** receptor =B444+1 property boundary receptor: =C444+1
DISCCART 406922.435067382 3761066.19585286 825.30 1.50
** receptor =B445+1 property boundary receptor: =C445+1
DISCCART 406947.428221443 3761065.59597496 792.50 1.50
** receptor =B446+1 property boundary receptor: =C446+1
DISCCART 406972.421375505 3761064.99609706 774.10 1.50
** receptor =B447+1 property boundary receptor: =C447+1
DISCCART 406997.414529566 3761064.39621917 781.90 1.50
** receptor =B448+1 property boundary receptor: =C448+1
DISCCART 407021.129577761 3761061.73676049 827.00 1.50
** receptor =B449+1 property boundary receptor: =C449+1
DISCCART 407020.313239176 3761036.7518461 788.80 1.50
** receptor =B450+1 property boundary receptor: =C450+1
DISCCART 407019.496900591 3761011.76693171 840.40 1.50
** receptor =B451+1 property boundary receptor: =C451+1
DISCCART 407018.672316161 3760986.78201732 894.40 1.50
** receptor =B452+1 property boundary receptor: =C452+1
DISCCART 407017.855977576 3760961.78710496 947.50 1.50
** receptor =B453+1 property boundary receptor: =C453+1
DISCCART 407017.039638991 3760936.80219056 989.40 1.50
** receptor =B454+1 property boundary receptor: =C454+1
DISCCART 407016.215054561 3760911.81727617 1033.70 1.50
** receptor =B455+1 property boundary receptor: =C455+1
DISCCART 407015.398715976 3760886.83236178 1047.60 1.50
** receptor =B456+1 property boundary receptor: =C456+1
DISCCART 407014.58237739 3760861.84744738 1031.60 1.50
** receptor =B457+1 property boundary receptor: =C457+1
DISCCART 407013.757792961 3760836.86253299 1013.10 1.50
** receptor =B458+1 property boundary receptor: =C458+1
DISCCART 407012.941454375 3760811.86762063 1004.00 1.50
** receptor =B459+1 property boundary receptor: =C459+1
DISCCART 407012.12511579 3760786.88270624 991.50 1.50
** receptor =B460+1 property boundary receptor: =C460+1
DISCCART 407011.30053136 3760761.89779185 965.40 1.50
** receptor =B461+1 property boundary receptor: =C461+1
DISCCART 407010.484192775 3760736.91287745 929.60 1.50
** receptor =B462+1 property boundary receptor: =C462+1
DISCCART 407009.66785419 3760711.92796306 891.10 1.50
** receptor =B463+1 property boundary receptor: =C463+1
DISCCART 407008.84326976 3760686.94304867 843.80 1.50
** receptor =B464+1 property boundary receptor: =C464+1
DISCCART 407008.026931175 3760661.94813631 807.10 1.50
** receptor =B465+1 property boundary receptor: =C465+1
DISCCART 407031.923387945 3760661.55821568 770.20 1.50
** receptor =B466+1 property boundary receptor: =C466+1
DISCCART 407056.92478785 3760661.34825841 710.10 1.50
** receptor =B467+1 property boundary receptor: =C467+1
DISCCART 407081.926187756 3760661.14829912 721.00 1.50
** receptor =B468+1 property boundary receptor: =C468+1
DISCCART 407106.927587662 3760660.93834185 805.20 1.50
** receptor =B469+1 property boundary receptor: =C469+1
DISCCART 407131.920741723 3760660.73838255 854.60 1.50
** receptor =B470+1 property boundary receptor: =C470+1
DISCCART 407156.922141629 3760660.52842529 878.90 1.50
** receptor =B471+1 property boundary receptor: =C471+1
DISCCART 407181.923541534 3760660.32846599 925.90 1.50
** receptor =B472+1 property boundary receptor: =C472+1
DISCCART 407206.916695596 3760660.11850873 973.50 1.50
** receptor =B473+1 property boundary receptor: =C473+1
DISCCART 407231.918095501 3760659.90855146 1011.30 1.50

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Appendix B

NOx Peak Hour Emissions Mitigated

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** receptor =B474+1 property boundary receptor: =C474+1
DISCCART 407256.919495407 3760659.70859216 1023.40 1.50
** receptor =B475+1 property boundary receptor: =C475+1
DISCCART 407281.920895313 3760659.4986349 1000.40 1.50
** receptor =B476+1 property boundary receptor: =C476+1
DISCCART 407306.914049374 3760659.2986756 962.40 1.50
** receptor =B477+1 property boundary receptor: =C477+1
DISCCART 407331.91544928 3760659.08871834 935.50 1.50
** receptor =B478+1 property boundary receptor: =C478+1
DISCCART 407356.916849185 3760658.88875904 958.90 1.50
** receptor =B479+1 property boundary receptor: =C479+1
DISCCART 407381.918249091 3760658.67880177 960.10 1.50
** receptor =B480+1 property boundary receptor: =C480+1
DISCCART 407406.911403152 3760658.47884248 955.30 1.50
** receptor =B481+1 property boundary receptor: =C481+1
DISCCART 407431.912803058 3760658.26888521 975.60 1.50
** receptor =B482+1 property boundary receptor: =C482+1
DISCCART 407456.914202963 3760658.06892591 989.10 1.50
** receptor =B483+1 property boundary receptor: =C483+1
DISCCART 407481.907357025 3760657.85896865 995.00 1.50
** receptor =B484+1 property boundary receptor: =C484+1
DISCCART 407506.90875693 3760657.64901139 964.70 1.50
** receptor =B485+1 property boundary receptor: =C485+1
DISCCART 407531.910156836 3760657.44905209 943.60 1.50
** receptor =B486+1 property boundary receptor: =C486+1
DISCCART 407556.911556741 3760657.23909482 0.00 1.50
** receptor =B487+1 property boundary receptor: =C487+1
DISCCART 407581.904710803 3760657.03913552 0.00 1.50
** receptor =B488+1 property boundary receptor: =C488+1
DISCCART 407606.906110708 3760656.82917826 0.00 1.50
** receptor =B489+1 property boundary receptor: =C489+1
DISCCART 407631.907510614 3760656.62921896 0.00 1.50
** receptor =B490+1 property boundary receptor: =C490+1
DISCCART 407656.90891052 3760656.4192617 0.00 1.50
** receptor =B491+1 property boundary receptor: =C491+1
DISCCART 407681.902064581 3760656.2193024 0.00 1.50
** receptor =B492+1 property boundary receptor: =C492+1
DISCCART 407706.903464487 3760656.00934513 0.00 1.50
** receptor =B493+1 property boundary receptor: =C493+1
DISCCART 407731.904864392 3760655.79938787 0.00 1.50
** receptor =B494+1 property boundary receptor: =C494+1
DISCCART 407756.898018454 3760655.59942857 0.00 1.50
** receptor =B495+1 property boundary receptor: =C495+1
DISCCART 407781.899418359 3760655.38947131 0.00 1.50
** receptor =B496+1 property boundary receptor: =C496+1
DISCCART 407806.900818265 3760655.18951201 0.00 1.50
** receptor =B497+1 property boundary receptor: =C497+1
DISCCART 407831.90221817 3760654.97955475 0.00 1.50
** receptor =B498+1 property boundary receptor: =C498+1
DISCCART 407856.895372232 3760654.77959545 0.00 1.50
** receptor =B499+1 property boundary receptor: =C499+1
DISCCART 407881.896772137 3760654.56963818 0.00 1.50
** receptor =B500+1 property boundary receptor: =C500+1
DISCCART 407906.898172043 3760654.36967888 0.00 1.50
** receptor =B501+1 property boundary receptor: =C501+1
DISCCART 407931.899571949 3760654.15972162 0.00 1.50
** receptor =B502+1 property boundary receptor: =C502+1
DISCCART 407956.89272601 3760653.95976232 0.00 1.50
** receptor =B503+1 property boundary receptor: =C503+1
DISCCART 407981.894125916 3760653.74980506 0.00 1.50
** receptor =B504+1 property boundary receptor: =C504+1
DISCCART 408006.895525821 3760653.53984779 0.00 1.50
** receptor =B505+1 property boundary receptor: =C505+1
DISCCART 408031.888679883 3760653.3398885 0.00 1.50
** receptor =B506+1 property boundary receptor: =C506+1
DISCCART 408056.890079788 3760653.12993123 0.00 1.50
** receptor =B507+1 property boundary receptor: =C507+1
DISCCART 408081.891479694 3760652.92997193 0.00 1.50
** receptor =B508+1 property boundary receptor: =C508+1
DISCCART 408106.892879599 3760652.72001467 0.00 1.50
** receptor =B509+1 property boundary receptor: =C509+1
DISCCART 408131.886033661 3760652.52005537 0.00 1.50
** receptor =B510+1 property boundary receptor: =C510+1
DISCCART 408156.887433566 3760652.31009811 0.00 1.50
** receptor =B511+1 property boundary receptor: =C511+1
DISCCART 408181.888833472 3760652.11013881 0.00 1.50

```

Appendix B

NOx Peak Hour Emissions Mitigated

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** receptor =B512+1 property boundary receptor: =C512+1
DISCCART 408206.890233378 3760651.90018154 0.00 1.50
** receptor =B513+1 property boundary receptor: =C513+1
DISCCART 408225.740233438 3760644.93159998 0.00 1.50
** receptor =B514+1 property boundary receptor: =C514+1
DISCCART 408224.940386542 3760619.93668762 0.00 1.50
** receptor =B515+1 property boundary receptor: =C515+1
DISCCART 408224.148785489 3760594.95177323 0.00 1.50
** receptor =B516+1 property boundary receptor: =C516+1
DISCCART 408223.348938593 3760569.96685883 0.00 1.50
** receptor =B517+1 property boundary receptor: =C517+1
DISCCART 408222.549091696 3760544.98194444 0.00 1.50
** receptor =B518+1 property boundary receptor: =C518+1
DISCCART 408221.749244799 3760519.98703208 0.00 1.50
** receptor =B519+1 property boundary receptor: =C519+1
DISCCART 408220.949397902 3760495.00211769 0.00 1.50
** receptor =B520+1 property boundary receptor: =C520+1
DISCCART 408220.149551006 3760470.0172033 0.00 1.50
** receptor =B521+1 property boundary receptor: =C521+1
DISCCART 408219.349704109 3760445.0322889 0.00 1.50
** receptor =B522+1 property boundary receptor: =C522+1
DISCCART 408218.549857212 3760420.03737655 0.00 1.50
** receptor =B523+1 property boundary receptor: =C523+1
DISCCART 408217.750010316 3760395.05246215 0.00 1.50
** receptor =B524+1 property boundary receptor: =C524+1
DISCCART 408216.950163419 3760370.06754776 0.00 1.50
** receptor =B525+1 property boundary receptor: =C525+1
DISCCART 408216.150316522 3760345.08263337 0.00 1.50
** receptor =B526+1 property boundary receptor: =C526+1
DISCCART 408215.350469625 3760320.09771897 0.00 1.50
** receptor =B527+1 property boundary receptor: =C527+1
DISCCART 408214.558868573 3760295.10280662 0.00 1.50
** receptor =B528+1 property boundary receptor: =C528+1
DISCCART 408213.759021676 3760270.11789223 0.00 1.50
** receptor =B529+1 property boundary receptor: =C529+1
DISCCART 408212.95917478 3760245.13297783 0.00 1.50
** receptor =B530+1 property boundary receptor: =C530+1
DISCCART 408212.159327883 3760220.14806344 0.00 1.50
** receptor =B531+1 property boundary receptor: =C531+1
DISCCART 408211.359480986 3760195.15315108 0.00 1.50
** receptor =B532+1 property boundary receptor: =C532+1
DISCCART 408210.559634089 3760170.16823669 0.00 1.50
** receptor =B533+1 property boundary receptor: =C533+1
DISCCART 408209.759787193 3760145.18332229 0.00 1.50
** receptor =B534+1 property boundary receptor: =C534+1
DISCCART 408208.959940296 3760120.1984079 0.00 1.50
** receptor =B535+1 property boundary receptor: =C535+1
DISCCART 408208.160093399 3760095.20349554 0.00 1.50
** receptor =B536+1 property boundary receptor: =C536+1
DISCCART 408207.360246503 3760070.21858115 0.00 1.50
** receptor =B537+1 property boundary receptor: =C537+1
DISCCART 408206.560399606 3760045.23366676 0.00 1.50
** receptor =B538+1 property boundary receptor: =C538+1
DISCCART 408205.760552709 3760020.24875237 0.00 1.50
** receptor =B539+1 property boundary receptor: =C539+1
DISCCART 408204.968951657 3759995.26383797 0.00 1.50
** receptor =B540+1 property boundary receptor: =C540+1
DISCCART 408204.16910476 3759970.26892561 0.00 1.50
** receptor =B541+1 property boundary receptor: =C541+1
DISCCART 408203.369257863 3759945.28401122 0.00 1.50
** receptor =B542+1 property boundary receptor: =C542+1
DISCCART 408202.569410967 3759920.29909683 0.00 1.50
** receptor =B543+1 property boundary receptor: =C543+1
DISCCART 408201.76956407 3759895.31418244 0.00 1.50
** receptor =B544+1 property boundary receptor: =C544+1
DISCCART 408200.969717173 3759870.31927008 0.00 1.50
** receptor =B545+1 property boundary receptor: =C545+1
DISCCART 408201.579909651 3759847.54390594 0.00 1.50
** receptor =B546+1 property boundary receptor: =C546+1
DISCCART 408226.573063712 3759847.1539853 0.00 1.50
** receptor =B547+1 property boundary receptor: =C547+1
DISCCART 408251.574463618 3759846.76406467 0.00 1.50
** receptor =B548+1 property boundary receptor: =C548+1
DISCCART 408276.567617679 3759846.37414404 0.00 1.50
** receptor =B549+1 property boundary receptor: =C549+1
DISCCART 408301.569017585 3759845.98422341 0.00 1.50

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Appendix B

NOx Peak Hour Emissions Mitigated

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** receptor =B550+1 property boundary receptor: =C550+1
DISCCART 408326.562171646 3759845.59430277 0.00 1.50
** receptor =B551+1 property boundary receptor: =C551+1
DISCCART 408351.563571552 3759845.20438214 0.00 1.50
** receptor =B552+1 property boundary receptor: =C552+1
DISCCART 408376.556725613 3759844.81446151 0.00 1.50
** receptor =B553+1 property boundary receptor: =C553+1
DISCCART 408401.549879674 3759844.42454087 0.00 1.50
** receptor =B554+1 property boundary receptor: =C554+1
DISCCART 408426.55127958 3759844.04461821 0.00 1.50
** receptor =B555+1 property boundary receptor: =C555+1
DISCCART 408451.544433641 3759843.65469757 0.00 1.50
** receptor =B556+1 property boundary receptor: =C556+1
DISCCART 408476.545833547 3759843.26477694 0.00 1.50
** receptor =B557+1 property boundary receptor: =C557+1
DISCCART 408501.538987608 3759842.87485631 0.00 1.50
** receptor =B558+1 property boundary receptor: =C558+1
DISCCART 408526.540387514 3759842.48493568 0.00 1.50
** receptor =B559+1 property boundary receptor: =C559+1
DISCCART 408551.533541575 3759842.09501504 0.00 1.50
** receptor =B560+1 property boundary receptor: =C560+1
DISCCART 408576.534941481 3759841.70509441 0.00 1.50
** receptor =B561+1 property boundary receptor: =C561+1
DISCCART 408601.528095542 3759841.31517378 0.00 1.50
** receptor =B562+1 property boundary receptor: =C562+1
DISCCART 408626.529495448 3759840.93525111 0.00 1.50
** receptor =B563+1 property boundary receptor: =C563+1
DISCCART 408651.522649509 3759840.54533048 0.00 1.50
** receptor =B564+1 property boundary receptor: =C564+1
DISCCART 408676.524049415 3759840.15540984 0.00 1.50
** receptor =B565+1 property boundary receptor: =C565+1
DISCCART 408701.517203476 3759839.76548921 0.00 1.50
** receptor =B566+1 property boundary receptor: =C566+1
DISCCART 408726.510357538 3759839.37556858 0.00 1.50
** receptor =B567+1 property boundary receptor: =C567+1
DISCCART 408751.511757443 3759838.98564795 0.00 1.50
** receptor =B568+1 property boundary receptor: =C568+1
DISCCART 408776.504911504 3759838.59572731 0.00 1.50
** receptor =B569+1 property boundary receptor: =C569+1
DISCCART 408801.506311141 3759838.20580668 0.00 1.50
** receptor =B570+1 property boundary receptor: =C570+1
DISCCART 408826.499465471 3759837.81588605 0.00 1.50
** receptor =B571+1 property boundary receptor: =C571+1
DISCCART 408851.500865377 3759837.43596338 0.00 1.50
** receptor =B572+1 property boundary receptor: =C572+1
DISCCART 408876.494019438 3759837.04604275 0.00 1.50
** receptor =B573+1 property boundary receptor: =C573+1
DISCCART 408901.495419344 3759836.65612211 0.00 1.50
** receptor =B574+1 property boundary receptor: =C574+1
DISCCART 408926.488573405 3759836.26620148 0.00 1.50
** receptor =B575+1 property boundary receptor: =C575+1
DISCCART 408951.489973311 3759835.87628085 0.00 1.50
** receptor =B576+1 property boundary receptor: =C576+1
DISCCART 408976.483127372 3759835.48636022 0.00 1.50
** receptor =B577+1 property boundary receptor: =C577+1
DISCCART 409001.484527278 3759835.09643958 0.00 1.50
** receptor =B578+1 property boundary receptor: =C578+1
DISCCART 409026.477681339 3759834.70651895 0.00 1.50
** receptor =B579+1 property boundary receptor: =C579+1
DISCCART 409051.479081245 3759834.31659832 0.00 1.50
** receptor =B580+1 property boundary receptor: =C580+1
DISCCART 409076.472235306 3759833.93667565 0.00 1.50
** receptor =B581+1 property boundary receptor: =C581+1
DISCCART 409101.465389368 3759833.58674688 0.00 1.50
** receptor =B582+1 property boundary receptor: =C582+1
DISCCART 409126.466789273 3759833.25681403 0.00 1.50
** receptor =B583+1 property boundary receptor: =C583+1
DISCCART 409151.468189179 3759832.91688323 0.00 1.50
** receptor =B584+1 property boundary receptor: =C584+1
DISCCART 409176.46134324 3759832.58695038 0.00 1.50
** receptor =B585+1 property boundary receptor: =C585+1
DISCCART 409201.462743146 3759832.24701957 0.00 1.50
** receptor =B586+1 property boundary receptor: =C586+1
DISCCART 409226.455897207 3759831.91708673 0.00 1.50
** receptor =B587+1 property boundary receptor: =C587+1
DISCCART 409251.457297113 3759831.57715592 0.00 1.50

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Appendix B

NOx Peak Hour Emissions Mitigated

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** receptor =B588+1 property boundary receptor: =C588+1
DISCCART 409276.450451174 3759831.24722308 0.00 1.50
** receptor =B589+1 property boundary receptor: =C589+1
DISCCART 409301.45185108 3759830.90729227 0.00 1.50
** receptor =B590+1 property boundary receptor: =C590+1
DISCCART 409326.445005141 3759830.57735943 0.00 1.50
** receptor =B591+1 property boundary receptor: =C591+1
DISCCART 409351.446405047 3759830.23742862 0.00 1.50
** receptor =B592+1 property boundary receptor: =C592+1
DISCCART 409376.447804952 3759829.90749578 0.00 1.50
** receptor =B593+1 property boundary receptor: =C593+1
DISCCART 409401.440959014 3759829.56756497 0.00 1.50
** receptor =B594+1 property boundary receptor: =C594+1
DISCCART 409426.442358919 3759829.23763213 0.00 1.50
** receptor =B595+1 property boundary receptor: =C595+1
DISCCART 409451.43551298 3759828.89770132 0.00 1.50
** receptor =B596+1 property boundary receptor: =C596+1
DISCCART 409476.436912886 3759828.56776847 0.00 1.50
** receptor =B597+1 property boundary receptor: =C597+1
DISCCART 409501.430066947 3759828.22783767 0.00 1.50
** receptor =B598+1 property boundary receptor: =C598+1
DISCCART 409526.431466853 3759827.89790482 0.00 1.50
** receptor =B599+1 property boundary receptor: =C599+1
DISCCART 409551.424620914 3759827.55797402 0.00 1.50
** receptor =B600+1 property boundary receptor: =C600+1
DISCCART 409576.42602082 3759827.22804117 0.00 1.50
** receptor =B601+1 property boundary receptor: =C601+1
DISCCART 409601.427420726 3759826.88811036 0.00 1.50
** receptor =B602+1 property boundary receptor: =C602+1
DISCCART 409626.420574787 3759826.55817752 0.00 1.50
** receptor =B603+1 property boundary receptor: =C603+1
DISCCART 409651.421974693 3759826.21824671 0.00 1.50
** receptor =B604+1 property boundary receptor: =C604+1
DISCCART 409676.415128754 3759825.88831387 0.00 1.50
** receptor =B605+1 property boundary receptor: =C605+1
DISCCART 409700.872302936 3759821.52920115 0.00 1.50
** receptor =B606+1 property boundary receptor: =C606+1
DISCCART 409724.579105287 3759813.61081292 0.00 1.50
** receptor =B607+1 property boundary receptor: =C607+1
DISCCART 409748.294153483 3759805.68242672 0.00 1.50
** receptor =B608+1 property boundary receptor: =C608+1
DISCCART 409772.000955834 3759797.76403848 0.00 1.50

** SENSITIVE RECEPTORS

** receptor 1001 (sensitive receptor: T1)
DISCCART 407390.947448644 3759093.38741401 454.30 1.50
** receptor =B9+1 (sensitive receptor: T2)
DISCCART 407365.137955997 3759080.33007179 454.60 1.50
** receptor =B10+1 (sensitive receptor: T3)
DISCCART 407339.781984787 3759067.38270719 459.10 1.50
** receptor =B11+1 (sensitive receptor: T4)
DISCCART 407316.602916471 3759058.85444309 463.60 1.50
** receptor =B12+1 (sensitive receptor: T5)
DISCCART 407283.190755383 3759053.07561936 473.50 1.50
** receptor =B13+1 (sensitive receptor: T6)
DISCCART 407252.936752661 3759048.82648426 475.60 1.50
** receptor =B14+1 (sensitive receptor: T7)
DISCCART 407225.675991418 3759048.53654327 475.60 1.50
** receptor =B15+1 (sensitive receptor: T8)
DISCCART 407196.955715735 3759049.9262604 471.40 1.50
** receptor =B16+1 (sensitive receptor: T9)
DISCCART 407179.012758547 3759047.99665316 465.50 1.50
** receptor =B17+1 (sensitive receptor: T10)
DISCCART 407162.817920349 3759027.3108637 462.40 1.50
** receptor =B18+1 (sensitive receptor: T11)
DISCCART 407144.116345486 3759003.98561149 454.10 1.50
** receptor =B19+1 (sensitive receptor: T12)
DISCCART 407126.461992848 3758984.74952693 443.30 1.50
** receptor =B20+1 (sensitive receptor: T13)
DISCCART 407105.781415354 3758967.54302927 438.30 1.50
** receptor =B21+1 (sensitive receptor: T14)
DISCCART 407088.160046093 3758951.85622227 437.90 1.50
** receptor =B22+1 (sensitive receptor: T15)
DISCCART 407069.524437984 3758935.17961675 437.10 1.50
** receptor =B23+1 (sensitive receptor: T16)

```

Appendix B

NOx Peak Hour Emissions Mitigated

** DISCCART	407049.30562777	3758918.52300715	436.10	1.50
** receptor	=B24+1 (sensitive	receptor: T17)		
** DISCCART	407036.326668848	3758904.9057789	432.80	1.50
** receptor	=B25+1 (sensitive	receptor: T18)		
** DISCCART	407039.682727476	3758879.36097847	436.20	1.50
** receptor	=B26+1 (sensitive	receptor: T19)		
** DISCCART	407046.642220062	3758854.23609257	429.40	1.50
** receptor	=B27+1 (sensitive	receptor: T20)		
** DISCCART	407052.496769513	3758829.11120666	426.40	1.50
** receptor	=B28+1 (sensitive	receptor: T21)		
** DISCCART	407055.861073985	3758804.57620069	422.10	1.50
** receptor	=B29+1 (sensitive	receptor: T22)		
** DISCCART	407059.233624302	3758781.58088132	416.60	1.50
** receptor	=B30+1 (sensitive	receptor: T23)		
** DISCCART	407066.250837798	3758771.76287975	414.60	1.50
** receptor	=B31+1 (sensitive	receptor: T24)		
** DISCCART	407073.952456371	3758765.02425138	410.50	1.50
** receptor	=B32+1 (sensitive	receptor: T25)		
** DISCCART	407083.138326917	3758759.39539712	407.30	1.50
** receptor	=B33+1 (sensitive	receptor: T26)		
** DISCCART	407094.377412692	3758756.73593844	406.70	1.50
** receptor	=B34+1 (sensitive	receptor: T27)		
** DISCCART	407109.327128401	3758764.23441215	408.90	1.50
** receptor	=B35+1 (sensitive	receptor: T28)		
** DISCCART	407134.58414948	3758776.74186629	408.20	1.50
** receptor	=B36+1 (sensitive	receptor: T29)		
** DISCCART	407157.820938706	3758790.81900093	411.00	1.50
** receptor	=B37+1 (sensitive	receptor: T30)		
** DISCCART	407181.601953656	3758803.33645304	415.10	1.50
** receptor	=B38+1 (sensitive	receptor: T31)		
** DISCCART	407205.374722761	3758815.86390311	418.10	1.50
** receptor	=B39+1 (sensitive	receptor: T32)		
** DISCCART	407230.681218906	3758833.47031938	425.00	1.50
** receptor	=B40+1 (sensitive	receptor: T33)		
** DISCCART	407254.025204108	3758858.3052643	428.30	1.50
** receptor	=B41+1 (sensitive	receptor: T34)		
** DISCCART	407272.693795594	3758877.52135292	428.60	1.50
** receptor	2001 (sensitive	receptor: C1)		
** DISCCART	405962.503349551	3758512.50565081	301.80	1.50
** receptor	=B43+1 (sensitive	receptor: C2)		
** DISCCART	405962.503349551	3758487.50074049	298.50	1.50
** receptor	=B44+1 (sensitive	receptor: C3)		
** DISCCART	405962.503349551	3758462.50582813	298.50	1.50
** receptor	=B45+1 (sensitive	receptor: C4)		
** DISCCART	405962.503349551	3758437.50091781	298.50	1.50
** receptor	=B46+1 (sensitive	receptor: C5)		
** DISCCART	405962.503349551	3758412.50600545	296.10	1.50
** receptor	=B47+1 (sensitive	receptor: C6)		
** DISCCART	405962.503349551	3758387.50109513	296.10	1.50
** receptor	=B48+1 (sensitive	receptor: C7)		
** DISCCART	405962.503349551	3758362.50618277	295.20	1.50
** receptor	=B49+1 (sensitive	receptor: C8)		
** DISCCART	405962.503349551	3758337.50127244	295.20	1.50
** receptor	=B50+1 (sensitive	receptor: C9)		
** DISCCART	405962.503349551	3758312.50636009	295.20	1.50
** receptor	=B51+1 (sensitive	receptor: C10)		
** DISCCART	405962.503349551	3758287.50144976	295.20	1.50
** receptor	=B52+1 (sensitive	receptor: C11)		
** DISCCART	405962.503349551	3758262.50653741	295.20	1.50
** receptor	=B53+1 (sensitive	receptor: C12)		
** DISCCART	405962.503349551	3758237.50162708	292.80	1.50
** receptor	=B54+1 (sensitive	receptor: C13)		
** DISCCART	405962.503349551	3758212.50671473	292.40	1.50
** receptor	=B55+1 (sensitive	receptor: C14)		
** DISCCART	405962.503349551	3758187.5018044	291.90	1.50
** receptor	=B56+1 (sensitive	receptor: C15)		
** DISCCART	405962.503349551	3758162.50689204	291.90	1.50
** receptor	=B57+1 (sensitive	receptor: C16)		
** DISCCART	405962.503349551	3758137.50198172	289.60	1.50
** receptor	=B58+1 (sensitive	receptor: C17)		
** DISCCART	405987.496503612	3758512.50565081	304.30	1.50
** receptor	=B59+1 (sensitive	receptor: C18)		
** DISCCART	405987.496503612	3758487.50074049	301.80	1.50
** receptor	=B60+1 (sensitive	receptor: C19)		
** DISCCART	405987.496503612	3758462.50582813	299.70	1.50
** receptor	=B61+1 (sensitive	receptor: C20)		

Appendix B

NOx Peak Hour Emissions Mitigated

** DISCCART	405987.496503612	3758437.50091781	298.50	1.50
** receptor	=B62+1 (sensitive	receptor: C21)		
** DISCCART	405987.496503612	3758412.50600545	298.50	1.50
** receptor	=B63+1 (sensitive	receptor: C22)		
** DISCCART	405987.496503612	3758387.50109513	298.50	1.50
** receptor	=B64+1 (sensitive	receptor: C23)		
** DISCCART	405987.496503612	3758362.50618277	298.50	1.50
** receptor	=B65+1 (sensitive	receptor: C24)		
** DISCCART	405987.496503612	3758337.50127244	298.50	1.50
** receptor	=B66+1 (sensitive	receptor: C25)		
** DISCCART	405987.496503612	3758312.50636009	298.50	1.50
** receptor	=B67+1 (sensitive	receptor: C26)		
** DISCCART	405987.496503612	3758287.50144976	298.50	1.50
** receptor	=B68+1 (sensitive	receptor: C27)		
** DISCCART	405987.496503612	3758262.50653741	297.80	1.50
** receptor	=B69+1 (sensitive	receptor: C28)		
** DISCCART	405987.496503612	3758237.50162708	295.20	1.50
** receptor	=B70+1 (sensitive	receptor: C29)		
** DISCCART	405987.496503612	3758212.50671473	295.20	1.50
** receptor	=B71+1 (sensitive	receptor: C30)		
** DISCCART	405987.496503612	3758187.5018044	294.50	1.50
** receptor	=B72+1 (sensitive	receptor: C31)		
** DISCCART	405987.496503612	3758162.50689204	293.10	1.50
** receptor	=B73+1 (sensitive	receptor: C32)		
** DISCCART	405987.496503612	3758137.50198172	291.90	1.50
** receptor	=B74+1 (sensitive	receptor: C33)		
** DISCCART	406012.497903518	3758512.50565081	305.50	1.50
** receptor	=B75+1 (sensitive	receptor: C34)		
** DISCCART	406012.497903518	3758487.50074049	305.00	1.50
** receptor	=B76+1 (sensitive	receptor: C35)		
** DISCCART	406012.497903518	3758462.50582813	302.20	1.50
** receptor	=B77+1 (sensitive	receptor: C36)		
** DISCCART	406012.497903518	3758437.50091781	301.80	1.50
** receptor	=B78+1 (sensitive	receptor: C37)		
** DISCCART	406012.497903518	3758412.50600545	301.80	1.50
** receptor	=B79+1 (sensitive	receptor: C38)		
** DISCCART	406012.497903518	3758387.50109513	299.40	1.50
** receptor	=B80+1 (sensitive	receptor: C39)		
** DISCCART	406012.497903518	3758362.50618277	299.40	1.50
** receptor	=B81+1 (sensitive	receptor: C40)		
** DISCCART	406012.497903518	3758337.50127244	299.50	1.50
** receptor	=B82+1 (sensitive	receptor: C41)		
** DISCCART	406012.497903518	3758312.50636009	300.50	1.50
** receptor	=B83+1 (sensitive	receptor: C42)		
** DISCCART	406012.497903518	3758287.50144976	299.40	1.50
** receptor	=B84+1 (sensitive	receptor: C43)		
** DISCCART	406012.497903518	3758262.50653741	298.50	1.50
** receptor	=B85+1 (sensitive	receptor: C44)		
** DISCCART	406012.497903518	3758237.50162708	298.50	1.50
** receptor	=B86+1 (sensitive	receptor: C45)		
** DISCCART	406012.497903518	3758212.50671473	298.50	1.50
** receptor	=B87+1 (sensitive	receptor: C46)		
** DISCCART	406012.497903518	3758187.5018044	296.10	1.50
** receptor	=B88+1 (sensitive	receptor: C47)		
** DISCCART	406012.497903518	3758162.50689204	295.20	1.50
** receptor	=B89+1 (sensitive	receptor: C48)		
** DISCCART	406012.497903518	3758137.50198172	295.20	1.50
** receptor	=B90+1 (sensitive	receptor: C49)		
** DISCCART	406037.499303424	3758512.50565081	308.30	1.50
** receptor	=B91+1 (sensitive	receptor: C50)		
** DISCCART	406037.499303424	3758487.50074049	307.50	1.50
** receptor	=B92+1 (sensitive	receptor: C51)		
** DISCCART	406037.499303424	3758462.50582813	305.00	1.50
** receptor	=B93+1 (sensitive	receptor: C52)		
** DISCCART	406037.499303424	3758437.50091781	305.00	1.50
** receptor	=B94+1 (sensitive	receptor: C53)		
** DISCCART	406037.499303424	3758412.50600545	304.30	1.50
** receptor	=B95+1 (sensitive	receptor: C54)		
** DISCCART	406037.499303424	3758387.50109513	301.80	1.50
** receptor	=B96+1 (sensitive	receptor: C55)		
** DISCCART	406037.499303424	3758362.50618277	301.80	1.50
** receptor	=B97+1 (sensitive	receptor: C56)		
** DISCCART	406037.499303424	3758337.50127244	301.80	1.50
** receptor	=B98+1 (sensitive	receptor: C57)		
** DISCCART	406037.499303424	3758312.50636009	301.80	1.50
** receptor	=B99+1 (sensitive	receptor: C58)		

Appendix B

NOx Peak Hour Emissions Mitigated

** DISCCART	406037.499303424	3758287.50144976	301.80	1.50
** receptor	=B100+1 (sensitive receptor: C59)			
** DISCCART	406037.499303424	3758262.50653741	301.80	1.50
** receptor	=B101+1 (sensitive receptor: C60)			
** DISCCART	406037.499303424	3758237.50162708	301.00	1.50
** receptor	=B102+1 (sensitive receptor: C61)			
** DISCCART	406037.499303424	3758212.50671473	298.50	1.50
** receptor	=B103+1 (sensitive receptor: C62)			
** DISCCART	406037.499303424	3758187.5018044	298.50	1.50
** receptor	=B104+1 (sensitive receptor: C63)			
** DISCCART	406037.499303424	3758162.50689204	298.50	1.50
** receptor	=B105+1 (sensitive receptor: C64)			
** DISCCART	406037.499303424	3758137.50198172	298.50	1.50
** receptor	=B106+1 (sensitive receptor: C65)			
** DISCCART	406062.500703329	3758512.50565081	311.60	1.50
** receptor	=B107+1 (sensitive receptor: C66)			
** DISCCART	406062.500703329	3758487.50074049	309.20	1.50
** receptor	=B108+1 (sensitive receptor: C67)			
** DISCCART	406062.500703329	3758462.50582813	308.30	1.50
** receptor	=B109+1 (sensitive receptor: C68)			
** DISCCART	406062.500703329	3758437.50091781	306.00	1.50
** receptor	=B110+1 (sensitive receptor: C69)			
** DISCCART	406062.500703329	3758412.50600545	305.50	1.50
** receptor	=B111+1 (sensitive receptor: C70)			
** DISCCART	406062.500703329	3758387.50109513	305.00	1.50
** receptor	=B112+1 (sensitive receptor: C71)			
** DISCCART	406062.500703329	3758362.50618277	305.00	1.50
** receptor	=B113+1 (sensitive receptor: C72)			
** DISCCART	406062.500703329	3758337.50127244	305.00	1.50
** receptor	=B114+1 (sensitive receptor: C73)			
** DISCCART	406062.500703329	3758312.50636009	305.00	1.50
** receptor	=B115+1 (sensitive receptor: C74)			
** DISCCART	406062.500703329	3758287.50144976	305.00	1.50
** receptor	=B116+1 (sensitive receptor: C75)			
** DISCCART	406062.500703329	3758262.50653741	303.80	1.50
** receptor	=B117+1 (sensitive receptor: C76)			
** DISCCART	406062.500703329	3758237.50162708	302.70	1.50
** receptor	=B118+1 (sensitive receptor: C77)			
** DISCCART	406062.500703329	3758212.50671473	301.80	1.50
** receptor	=B119+1 (sensitive receptor: C78)			
** DISCCART	406062.500703329	3758187.5018044	299.40	1.50
** receptor	=B120+1 (sensitive receptor: C79)			
** DISCCART	406062.500703329	3758162.50689204	298.90	1.50
** receptor	=B121+1 (sensitive receptor: C80)			
** DISCCART	406062.500703329	3758137.50198172	299.40	1.50
** receptor	=B122+1 (sensitive receptor: C81)			
** DISCCART	406087.502103235	3758512.50565081	311.60	1.50
** receptor	=B123+1 (sensitive receptor: C82)			
** DISCCART	406087.502103235	3758487.50074049	311.60	1.50
** receptor	=B124+1 (sensitive receptor: C83)			
** DISCCART	406087.502103235	3758462.50582813	311.20	1.50
** receptor	=B125+1 (sensitive receptor: C84)			
** DISCCART	406087.502103235	3758437.50091781	308.30	1.50
** receptor	=B126+1 (sensitive receptor: C85)			
** DISCCART	406087.502103235	3758412.50600545	308.30	1.50
** receptor	=B127+1 (sensitive receptor: C86)			
** DISCCART	406087.502103235	3758387.50109513	308.30	1.50
** receptor	=B128+1 (sensitive receptor: C87)			
** DISCCART	406087.502103235	3758362.50618277	308.30	1.50
** receptor	=B129+1 (sensitive receptor: C88)			
** DISCCART	406087.502103235	3758337.50127244	307.60	1.50
** receptor	=B130+1 (sensitive receptor: C89)			
** DISCCART	406087.502103235	3758312.50636009	307.60	1.50
** receptor	=B131+1 (sensitive receptor: C90)			
** DISCCART	406087.502103235	3758287.50144976	307.50	1.50
** receptor	=B132+1 (sensitive receptor: C91)			
** DISCCART	406087.502103235	3758262.50653741	305.00	1.50
** receptor	=B133+1 (sensitive receptor: C92)			
** DISCCART	406087.502103235	3758237.50162708	305.00	1.50
** receptor	=B134+1 (sensitive receptor: C93)			
** DISCCART	406087.502103235	3758212.50671473	304.30	1.50
** receptor	=B135+1 (sensitive receptor: C94)			
** DISCCART	406087.502103235	3758187.5018044	301.80	1.50
** receptor	=B136+1 (sensitive receptor: C95)			
** DISCCART	406087.502103235	3758162.50689204	301.80	1.50
** receptor	=B137+1 (sensitive receptor: C96)			

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** DISCCART	406087.502103235	3758137.50198172	301.80	1.50
** receptor	=B138+1 (sensitive receptor: C97)			
** DISCCART	406112.495257296	3758512.50565081	314.90	1.50
** receptor	=B139+1 (sensitive receptor: C98)			
** DISCCART	406112.495257296	3758487.50074049	314.80	1.50
** receptor	=B140+1 (sensitive receptor: C99)			
** DISCCART	406112.495257296	3758462.50582813	312.00	1.50
** receptor	=B141+1 (sensitive receptor: C100)			
** DISCCART	406112.495257296	3758437.50091781	311.60	1.50
** receptor	=B142+1 (sensitive receptor: C101)			
** DISCCART	406112.495257296	3758412.50600545	311.60	1.50
** receptor	=B143+1 (sensitive receptor: C102)			
** DISCCART	406112.495257296	3758387.50109513	309.20	1.50
** receptor	=B144+1 (sensitive receptor: C103)			
** DISCCART	406112.495257296	3758362.50618277	309.20	1.50
** receptor	=B145+1 (sensitive receptor: C104)			
** DISCCART	406112.495257296	3758337.50127244	309.20	1.50
** receptor	=B146+1 (sensitive receptor: C105)			
** DISCCART	406112.495257296	3758312.50636009	308.30	1.50
** receptor	=B147+1 (sensitive receptor: C106)			
** DISCCART	406112.495257296	3758287.50144976	308.30	1.50
** receptor	=B148+1 (sensitive receptor: C107)			
** DISCCART	406112.495257296	3758262.50653741	308.30	1.50
** receptor	=B149+1 (sensitive receptor: C108)			
** DISCCART	406112.495257296	3758237.50162708	308.30	1.50
** receptor	=B150+1 (sensitive receptor: C109)			
** DISCCART	406112.495257296	3758212.50671473	306.00	1.50
** receptor	=B151+1 (sensitive receptor: C110)			
** DISCCART	406112.495257296	3758187.5018044	306.00	1.50
** receptor	=B152+1 (sensitive receptor: C111)			
** DISCCART	406112.495257296	3758162.50689204	305.00	1.50
** receptor	=B153+1 (sensitive receptor: C112)			
** DISCCART	406112.495257296	3758137.50198172	305.00	1.50
** receptor	=B154+1 (sensitive receptor: C113)			
** DISCCART	406137.496657202	3758512.50565081	318.20	1.50
** receptor	=B155+1 (sensitive receptor: C114)			
** DISCCART	406137.496657202	3758487.50074049	314.90	1.50
** receptor	=B156+1 (sensitive receptor: C115)			
** DISCCART	406137.496657202	3758462.50582813	314.90	1.50
** receptor	=B157+1 (sensitive receptor: C116)			
** DISCCART	406137.496657202	3758437.50091781	314.10	1.50
** receptor	=B158+1 (sensitive receptor: C117)			
** DISCCART	406137.496657202	3758412.50600545	311.60	1.50
** receptor	=B159+1 (sensitive receptor: C118)			
** DISCCART	406137.496657202	3758387.50109513	311.60	1.50
** receptor	=B160+1 (sensitive receptor: C119)			
** DISCCART	406137.496657202	3758362.50618277	311.60	1.50
** receptor	=B161+1 (sensitive receptor: C120)			
** DISCCART	406137.496657202	3758337.50127244	311.60	1.50
** receptor	=B162+1 (sensitive receptor: C121)			
** DISCCART	406137.496657202	3758312.50636009	311.60	1.50
** receptor	=B163+1 (sensitive receptor: C122)			
** DISCCART	406137.496657202	3758287.50144976	311.60	1.50
** receptor	=B164+1 (sensitive receptor: C123)			
** DISCCART	406137.496657202	3758262.50653741	310.90	1.50
** receptor	=B165+1 (sensitive receptor: C124)			
** DISCCART	406137.496657202	3758237.50162708	310.90	1.50
** receptor	=B166+1 (sensitive receptor: C125)			
** DISCCART	406137.496657202	3758212.50671473	309.50	1.50
** receptor	=B167+1 (sensitive receptor: C126)			
** DISCCART	406137.496657202	3758187.5018044	308.30	1.50
** receptor	=B168+1 (sensitive receptor: C127)			
** DISCCART	406137.496657202	3758162.50689204	308.30	1.50
** receptor	=B169+1 (sensitive receptor: C128)			
** DISCCART	406137.496657202	3758137.50198172	308.30	1.50
** receptor	=B170+1 (sensitive receptor: C129)			
** DISCCART	406162.498057107	3758512.50565081	320.20	1.50
** receptor	=B171+1 (sensitive receptor: C130)			
** DISCCART	406162.498057107	3758487.50074049	318.20	1.50
** receptor	=B172+1 (sensitive receptor: C131)			
** DISCCART	406162.498057107	3758462.50582813	316.90	1.50
** receptor	=B173+1 (sensitive receptor: C132)			
** DISCCART	406162.498057107	3758437.50091781	314.90	1.50
** receptor	=B174+1 (sensitive receptor: C133)			
** DISCCART	406162.498057107	3758412.50600545	314.90	1.50
** receptor	=B175+1 (sensitive receptor: C134)			

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** DISCCART	406162.498057107	3758387.50109513	314.90	1.50
** receptor	=B176+1 (sensitive receptor: C135)			
** DISCCART	406162.498057107	3758362.50618277	312.50	1.50
** receptor	=B177+1 (sensitive receptor: C136)			
** DISCCART	406162.498057107	3758337.50127244	312.50	1.50
** receptor	=B178+1 (sensitive receptor: C137)			
** DISCCART	406162.498057107	3758312.50636009	312.00	1.50
** receptor	=B179+1 (sensitive receptor: C138)			
** DISCCART	406162.498057107	3758287.50144976	311.60	1.50
** receptor	=B180+1 (sensitive receptor: C139)			
** DISCCART	406162.498057107	3758262.50653741	311.60	1.50
** receptor	=B181+1 (sensitive receptor: C140)			
** DISCCART	406162.498057107	3758237.50162708	311.60	1.50
** receptor	=B182+1 (sensitive receptor: C141)			
** DISCCART	406162.498057107	3758212.50671473	311.60	1.50
** receptor	=B183+1 (sensitive receptor: C142)			
** DISCCART	406162.498057107	3758187.5018044	311.60	1.50
** receptor	=B184+1 (sensitive receptor: C143)			
** DISCCART	406162.498057107	3758162.50689204	311.60	1.50
** receptor	=B185+1 (sensitive receptor: C144)			
** DISCCART	406162.498057107	3758137.50198172	311.60	1.50
** receptor	=B186+1 (sensitive receptor: C145)			
** DISCCART	406187.499457013	3758512.50565081	321.40	1.50
** receptor	=B187+1 (sensitive receptor: C146)			
** DISCCART	406187.499457013	3758487.50074049	320.70	1.50
** receptor	=B188+1 (sensitive receptor: C147)			
** DISCCART	406187.499457013	3758462.50582813	318.20	1.50
** receptor	=B189+1 (sensitive receptor: C148)			
** DISCCART	406187.499457013	3758437.50091781	318.20	1.50
** receptor	=B190+1 (sensitive receptor: C149)			
** DISCCART	406187.499457013	3758412.50600545	317.80	1.50
** receptor	=B191+1 (sensitive receptor: C150)			
** DISCCART	406187.499457013	3758387.50109513	317.40	1.50
** receptor	=B192+1 (sensitive receptor: C151)			
** DISCCART	406187.499457013	3758362.50618277	314.90	1.50
** receptor	=B193+1 (sensitive receptor: C152)			
** DISCCART	406187.499457013	3758337.50127244	314.90	1.50
** receptor	=B194+1 (sensitive receptor: C153)			
** DISCCART	406187.499457013	3758312.50636009	314.90	1.50
** receptor	=B195+1 (sensitive receptor: C154)			
** DISCCART	406187.499457013	3758287.50144976	314.90	1.50
** receptor	=B196+1 (sensitive receptor: C155)			
** DISCCART	406187.499457013	3758262.50653741	314.90	1.50
** receptor	=B197+1 (sensitive receptor: C156)			
** DISCCART	406187.499457013	3758237.50162708	314.90	1.50
** receptor	=B198+1 (sensitive receptor: C157)			
** DISCCART	406187.499457013	3758212.50671473	314.90	1.50
** receptor	=B199+1 (sensitive receptor: C158)			
** DISCCART	406187.499457013	3758187.5018044	314.90	1.50
** receptor	=B200+1 (sensitive receptor: C159)			
** DISCCART	406187.499457013	3758162.50689204	314.20	1.50
** receptor	=B201+1 (sensitive receptor: C160)			
** DISCCART	406187.499457013	3758137.50198172	311.60	1.50
** receptor	=B202+1 (sensitive receptor: C161)			
** DISCCART	406212.500856919	3758512.50565081	324.70	1.50
** receptor	=B203+1 (sensitive receptor: C162)			
** DISCCART	406212.500856919	3758487.50074049	322.40	1.50
** receptor	=B204+1 (sensitive receptor: C163)			
** DISCCART	406212.500856919	3758462.50582813	321.40	1.50
** receptor	=B205+1 (sensitive receptor: C164)			
** DISCCART	406212.500856919	3758437.50091781	321.40	1.50
** receptor	=B206+1 (sensitive receptor: C165)			
** DISCCART	406212.500856919	3758412.50600545	319.10	1.50
** receptor	=B207+1 (sensitive receptor: C166)			
** DISCCART	406212.500856919	3758387.50109513	318.20	1.50
** receptor	=B208+1 (sensitive receptor: C167)			
** DISCCART	406212.500856919	3758362.50618277	319.10	1.50
** receptor	=B209+1 (sensitive receptor: C168)			
** DISCCART	406212.500856919	3758337.50127244	318.20	1.50
** receptor	=B210+1 (sensitive receptor: C169)			
** DISCCART	406212.500856919	3758312.50636009	318.20	1.50
** receptor	=B211+1 (sensitive receptor: C170)			
** DISCCART	406212.500856919	3758287.50144976	318.20	1.50
** receptor	=B212+1 (sensitive receptor: C171)			
** DISCCART	406212.500856919	3758262.50653741	318.20	1.50
** receptor	=B213+1 (sensitive receptor: C172)			

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** DISCCART	406212.500856919	3758237.50162708	318.20	1.50
** receptor	=B214+1 (sensitive receptor: C173)			
** DISCCART	406212.500856919	3758212.50671473	318.20	1.50
** receptor	=B215+1 (sensitive receptor: C174)			
** DISCCART	406212.500856919	3758187.5018044	318.20	1.50
** receptor	=B216+1 (sensitive receptor: C175)			
** DISCCART	406212.500856919	3758162.50689204	316.90	1.50
** receptor	=B217+1 (sensitive receptor: C176)			
** DISCCART	406212.500856919	3758137.50198172	314.90	1.50
** receptor	=B218+1 (sensitive receptor: C177)			
** DISCCART	406237.502256824	3758512.50565081	329.20	1.50
** receptor	=B219+1 (sensitive receptor: C178)			
** DISCCART	406237.502256824	3758487.50074049	327.30	1.50
** receptor	=B220+1 (sensitive receptor: C179)			
** DISCCART	406237.502256824	3758462.50582813	324.70	1.50
** receptor	=B221+1 (sensitive receptor: C180)			
** DISCCART	406237.502256824	3758437.50091781	323.90	1.50
** receptor	=B222+1 (sensitive receptor: C181)			
** DISCCART	406237.502256824	3758412.50600545	321.40	1.50
** receptor	=B223+1 (sensitive receptor: C182)			
** DISCCART	406237.502256824	3758387.50109513	321.40	1.50
** receptor	=B224+1 (sensitive receptor: C183)			
** DISCCART	406237.502256824	3758362.50618277	321.40	1.50
** receptor	=B225+1 (sensitive receptor: C184)			
** DISCCART	406237.502256824	3758337.50127244	320.70	1.50
** receptor	=B226+1 (sensitive receptor: C185)			
** DISCCART	406237.502256824	3758312.50636009	320.70	1.50
** receptor	=B227+1 (sensitive receptor: C186)			
** DISCCART	406237.502256824	3758287.50144976	320.70	1.50
** receptor	=B228+1 (sensitive receptor: C187)			
** DISCCART	406237.502256824	3758262.50653741	320.70	1.50
** receptor	=B229+1 (sensitive receptor: C188)			
** DISCCART	406237.502256824	3758237.50162708	320.70	1.50
** receptor	=B230+1 (sensitive receptor: C189)			
** DISCCART	406237.502256824	3758212.50671473	321.40	1.50
** receptor	=B231+1 (sensitive receptor: C190)			
** DISCCART	406237.502256824	3758187.5018044	321.40	1.50
** receptor	=B232+1 (sensitive receptor: C191)			
** DISCCART	406237.502256824	3758162.50689204	318.20	1.50
** receptor	=B233+1 (sensitive receptor: C192)			
** DISCCART	406237.502256824	3758137.50198172	318.10	1.50
** receptor	=B234+1 (sensitive receptor: C193)			
** DISCCART	406262.495410886	3758512.50565081	333.30	1.50
** receptor	=B235+1 (sensitive receptor: C194)			
** DISCCART	406262.495410886	3758487.50074049	331.30	1.50
** receptor	=B236+1 (sensitive receptor: C195)			
** DISCCART	406262.495410886	3758462.50582813	328.90	1.50
** receptor	=B237+1 (sensitive receptor: C196)			
** DISCCART	406262.495410886	3758437.50091781	327.90	1.50
** receptor	=B238+1 (sensitive receptor: C197)			
** DISCCART	406262.495410886	3758412.50600545	325.20	1.50
** receptor	=B239+1 (sensitive receptor: C198)			
** DISCCART	406262.495410886	3758387.50109513	324.70	1.50
** receptor	=B240+1 (sensitive receptor: C199)			
** DISCCART	406262.495410886	3758362.50618277	324.70	1.50
** receptor	=B241+1 (sensitive receptor: C200)			
** DISCCART	406262.495410886	3758337.50127244	322.40	1.50
** receptor	=B242+1 (sensitive receptor: C201)			
** DISCCART	406262.495410886	3758312.50636009	321.40	1.50
** receptor	=B243+1 (sensitive receptor: C202)			
** DISCCART	406262.495410886	3758287.50144976	321.40	1.50
** receptor	=B244+1 (sensitive receptor: C203)			
** DISCCART	406262.495410886	3758262.50653741	321.90	1.50
** receptor	=B245+1 (sensitive receptor: C204)			
** DISCCART	406262.495410886	3758237.50162708	322.40	1.50
** receptor	=B246+1 (sensitive receptor: C205)			
** DISCCART	406262.495410886	3758212.50671473	321.40	1.50
** receptor	=B247+1 (sensitive receptor: C206)			
** DISCCART	406262.495410886	3758187.5018044	321.40	1.50
** receptor	=B248+1 (sensitive receptor: C207)			
** DISCCART	406262.495410886	3758162.50689204	321.40	1.50
** receptor	=B249+1 (sensitive receptor: C208)			
** DISCCART	406262.495410886	3758137.50198172	318.20	1.50
** receptor	=B250+1 (sensitive receptor: C209)			
** DISCCART	406287.496810791	3758512.50565081	335.80	1.50
** receptor	=B251+1 (sensitive receptor: C210)			

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** receptor	DISCCART	406287.496810791	3758487.50074049	334.50	1.50
** receptor	DISCCART	=B252+1 (sensitive receptor: C211)			
** receptor	DISCCART	406287.496810791	3758462.50582813	332.50	1.50
** receptor	DISCCART	=B253+1 (sensitive receptor: C212)			
** receptor	DISCCART	406287.496810791	3758437.50091781	330.60	1.50
** receptor	DISCCART	=B254+1 (sensitive receptor: C213)			
** receptor	DISCCART	406287.496810791	3758412.50600545	329.20	1.50
** receptor	DISCCART	=B255+1 (sensitive receptor: C214)			
** receptor	DISCCART	406287.496810791	3758387.50109513	328.00	1.50
** receptor	DISCCART	=B256+1 (sensitive receptor: C215)			
** receptor	DISCCART	406287.496810791	3758362.50618277	327.60	1.50
** receptor	DISCCART	=B257+1 (sensitive receptor: C216)			
** receptor	DISCCART	406287.496810791	3758337.50127244	327.20	1.50
** receptor	DISCCART	=B258+1 (sensitive receptor: C217)			
** receptor	DISCCART	406287.496810791	3758312.50636009	324.70	1.50
** receptor	DISCCART	=B259+1 (sensitive receptor: C218)			
** receptor	DISCCART	406287.496810791	3758287.50144976	324.70	1.50
** receptor	DISCCART	=B260+1 (sensitive receptor: C219)			
** receptor	DISCCART	406287.496810791	3758262.50653741	324.70	1.50
** receptor	DISCCART	=B261+1 (sensitive receptor: C220)			
** receptor	DISCCART	406287.496810791	3758237.50162708	324.70	1.50
** receptor	DISCCART	=B262+1 (sensitive receptor: C221)			
** receptor	DISCCART	406287.496810791	3758212.50671473	324.70	1.50
** receptor	DISCCART	=B263+1 (sensitive receptor: C222)			
** receptor	DISCCART	406287.496810791	3758187.5018044	321.40	1.50
** receptor	DISCCART	=B264+1 (sensitive receptor: C223)			
** receptor	DISCCART	406287.496810791	3758162.50689204	321.40	1.50
** receptor	DISCCART	=B265+1 (sensitive receptor: C224)			
** receptor	DISCCART	406287.496810791	3758137.50198172	321.40	1.50
** receptor	DISCCART	=B266+1 (sensitive receptor: C225)			
** receptor	DISCCART	406312.498210697	3758512.50565081	338.30	1.50
** receptor	DISCCART	=B267+1 (sensitive receptor: C226)			
** receptor	DISCCART	406312.498210697	3758487.50074049	335.50	1.50
** receptor	DISCCART	=B268+1 (sensitive receptor: C227)			
** receptor	DISCCART	406312.498210697	3758462.50582813	334.60	1.50
** receptor	DISCCART	=B269+1 (sensitive receptor: C228)			
** receptor	DISCCART	406312.498210697	3758437.50091781	334.60	1.50
** receptor	DISCCART	=B270+1 (sensitive receptor: C229)			
** receptor	DISCCART	406312.498210697	3758412.50600545	332.20	1.50
** receptor	DISCCART	=B271+1 (sensitive receptor: C230)			
** receptor	DISCCART	406312.498210697	3758387.50109513	331.30	1.50
** receptor	DISCCART	=B272+1 (sensitive receptor: C231)			
** receptor	DISCCART	406312.498210697	3758362.50618277	331.30	1.50
** receptor	DISCCART	=B273+1 (sensitive receptor: C232)			
** receptor	DISCCART	406312.498210697	3758337.50127244	328.90	1.50
** receptor	DISCCART	=B274+1 (sensitive receptor: C233)			
** receptor	DISCCART	406312.498210697	3758312.50636009	328.00	1.50
** receptor	DISCCART	=B275+1 (sensitive receptor: C234)			
** receptor	DISCCART	406312.498210697	3758287.50144976	328.00	1.50
** receptor	DISCCART	=B276+1 (sensitive receptor: C235)			
** receptor	DISCCART	406312.498210697	3758262.50653741	328.00	1.50
** receptor	DISCCART	=B277+1 (sensitive receptor: C236)			
** receptor	DISCCART	406312.498210697	3758237.50162708	328.00	1.50
** receptor	DISCCART	=B278+1 (sensitive receptor: C237)			
** receptor	DISCCART	406312.498210697	3758212.50671473	325.20	1.50
** receptor	DISCCART	=B279+1 (sensitive receptor: C238)			
** receptor	DISCCART	406312.498210697	3758187.5018044	324.70	1.50
** receptor	DISCCART	=B280+1 (sensitive receptor: C239)			
** receptor	DISCCART	406312.498210697	3758162.50689204	322.40	1.50
** receptor	DISCCART	=B281+1 (sensitive receptor: C240)			
** receptor	DISCCART	406312.498210697	3758137.50198172	321.40	1.50
** receptor	DISCCART	=B282+1 (sensitive receptor: C241)			
** receptor	DISCCART	406337.499610602	3758512.50565081	341.10	1.50
** receptor	DISCCART	=B283+1 (sensitive receptor: C242)			
** receptor	DISCCART	406337.499610602	3758487.50074049	337.80	1.50
** receptor	DISCCART	=B284+1 (sensitive receptor: C243)			
** receptor	DISCCART	406337.499610602	3758462.50582813	337.50	1.50
** receptor	DISCCART	=B285+1 (sensitive receptor: C244)			
** receptor	DISCCART	406337.499610602	3758437.50091781	337.10	1.50
** receptor	DISCCART	=B286+1 (sensitive receptor: C245)			
** receptor	DISCCART	406337.499610602	3758412.50600545	334.60	1.50
** receptor	DISCCART	=B287+1 (sensitive receptor: C246)			
** receptor	DISCCART	406337.499610602	3758387.50109513	334.60	1.50
** receptor	DISCCART	=B288+1 (sensitive receptor: C247)			
** receptor	DISCCART	406337.499610602	3758362.50618277	334.20	1.50
** receptor	DISCCART	=B289+1 (sensitive receptor: C248)			

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** DISCCART	406337.499610602	3758337.50127244	331.30	1.50
** receptor	=B290+1 (sensitive receptor: C249)			
** DISCCART	406337.499610602	3758312.50636009	331.30	1.50
** receptor	=B291+1 (sensitive receptor: C250)			
** DISCCART	406337.499610602	3758287.50144976	328.00	1.50
** receptor	=B292+1 (sensitive receptor: C251)			
** DISCCART	406337.499610602	3758262.50653741	328.00	1.50
** receptor	=B293+1 (sensitive receptor: C252)			
** DISCCART	406337.499610602	3758237.50162708	328.00	1.50
** receptor	=B294+1 (sensitive receptor: C253)			
** DISCCART	406337.499610602	3758212.50671473	326.30	1.50
** receptor	=B295+1 (sensitive receptor: C254)			
** DISCCART	406337.499610602	3758187.5018044	324.70	1.50
** receptor	=B296+1 (sensitive receptor: C255)			
** DISCCART	406337.499610602	3758162.50689204	324.70	1.50
** receptor	=B297+1 (sensitive receptor: C256)			
** DISCCART	406337.499610602	3758137.50198172	324.60	1.50
** receptor	=B298+1 (sensitive receptor: C257)			
** DISCCART	406362.501010508	3758512.50565081	343.20	1.50
** receptor	=B299+1 (sensitive receptor: C258)			
** DISCCART	406362.501010508	3758487.50074049	341.10	1.50
** receptor	=B300+1 (sensitive receptor: C259)			
** DISCCART	406362.501010508	3758462.50582813	341.10	1.50
** receptor	=B301+1 (sensitive receptor: C260)			
** DISCCART	406362.501010508	3758437.50091781	338.80	1.50
** receptor	=B302+1 (sensitive receptor: C261)			
** DISCCART	406362.501010508	3758412.50600545	338.30	1.50
** receptor	=B303+1 (sensitive receptor: C262)			
** DISCCART	406362.501010508	3758387.50109513	337.80	1.50
** receptor	=B304+1 (sensitive receptor: C263)			
** DISCCART	406362.501010508	3758362.50618277	334.60	1.50
** receptor	=B305+1 (sensitive receptor: C264)			
** DISCCART	406362.501010508	3758337.50127244	334.60	1.50
** receptor	=B306+1 (sensitive receptor: C265)			
** DISCCART	406362.501010508	3758312.50636009	334.60	1.50
** receptor	=B307+1 (sensitive receptor: C266)			
** DISCCART	406362.501010508	3758287.50144976	331.30	1.50
** receptor	=B308+1 (sensitive receptor: C267)			
** DISCCART	406362.501010508	3758262.50653741	331.30	1.50
** receptor	=B309+1 (sensitive receptor: C268)			
** DISCCART	406362.501010508	3758237.50162708	328.00	1.50
** receptor	=B310+1 (sensitive receptor: C269)			
** DISCCART	406362.501010508	3758212.50671473	325.80	1.50
** receptor	=B311+1 (sensitive receptor: C270)			
** DISCCART	406362.501010508	3758187.5018044	324.70	1.50
** receptor	=B312+1 (sensitive receptor: C271)			
** DISCCART	406362.501010508	3758162.50689204	324.20	1.50
** receptor	=B313+1 (sensitive receptor: C272)			
** DISCCART	406362.501010508	3758137.50198172	323.70	1.50
** receptor	=B314+1 (sensitive receptor: C273)			
** DISCCART	406387.502410414	3758512.50565081	344.40	1.50
** receptor	=B315+1 (sensitive receptor: C274)			
** DISCCART	406387.502410414	3758487.50074049	344.40	1.50
** receptor	=B316+1 (sensitive receptor: C275)			
** DISCCART	406387.502410414	3758462.50582813	343.70	1.50
** receptor	=B317+1 (sensitive receptor: C276)			
** DISCCART	406387.502410414	3758437.50091781	341.10	1.50
** receptor	=B318+1 (sensitive receptor: C277)			
** DISCCART	406387.502410414	3758412.50600545	341.10	1.50
** receptor	=B319+1 (sensitive receptor: C278)			
** DISCCART	406387.502410414	3758387.50109513	337.80	1.50
** receptor	=B320+1 (sensitive receptor: C279)			
** DISCCART	406387.502410414	3758362.50618277	337.80	1.50
** receptor	=B321+1 (sensitive receptor: C280)			
** DISCCART	406387.502410414	3758337.50127244	337.10	1.50
** receptor	=B322+1 (sensitive receptor: C281)			
** DISCCART	406387.502410414	3758312.50636009	334.60	1.50
** receptor	=B323+1 (sensitive receptor: C282)			
** DISCCART	406387.502410414	3758287.50144976	334.50	1.50
** receptor	=B324+1 (sensitive receptor: C283)			
** DISCCART	406387.502410414	3758262.50653741	331.30	1.50
** receptor	=B325+1 (sensitive receptor: C284)			
** DISCCART	406387.502410414	3758237.50162708	328.00	1.50
** receptor	=B326+1 (sensitive receptor: C285)			
** DISCCART	406387.502410414	3758212.50671473	324.70	1.50
** receptor	=B327+1 (sensitive receptor: C286)			

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** DISCCART	406387.502410414	3758187.5018044	322.20	1.50
** receptor	=B328+1 (sensitive receptor: C287)			
** DISCCART	406387.502410414	3758162.50689204	321.40	1.50
** receptor	=B329+1 (sensitive receptor: C288)			
** DISCCART	406387.502410414	3758137.50198172	321.40	1.50
** receptor	=B330+1 (sensitive receptor: C289)			
** DISCCART	406412.503810319	3758512.50565081	347.70	1.50
** receptor	=B331+1 (sensitive receptor: C290)			
** DISCCART	406412.503810319	3758487.50074049	344.40	1.50
** receptor	=B332+1 (sensitive receptor: C291)			
** DISCCART	406412.503810319	3758462.50582813	344.40	1.50
** receptor	=B333+1 (sensitive receptor: C292)			
** DISCCART	406412.503810319	3758437.50091781	344.40	1.50
** receptor	=B334+1 (sensitive receptor: C293)			
** DISCCART	406412.503810319	3758412.50600545	341.60	1.50
** receptor	=B335+1 (sensitive receptor: C294)			
** DISCCART	406412.503810319	3758387.50109513	341.10	1.50
** receptor	=B336+1 (sensitive receptor: C295)			
** DISCCART	406412.503810319	3758362.50618277	339.90	1.50
** receptor	=B337+1 (sensitive receptor: C296)			
** DISCCART	406412.503810319	3758337.50127244	337.80	1.50
** receptor	=B338+1 (sensitive receptor: C297)			
** DISCCART	406412.503810319	3758312.50636009	336.60	1.50
** receptor	=B339+1 (sensitive receptor: C298)			
** DISCCART	406412.503810319	3758287.50144976	334.60	1.50
** receptor	=B340+1 (sensitive receptor: C299)			
** DISCCART	406412.503810319	3758262.50653741	330.80	1.50
** receptor	=B341+1 (sensitive receptor: C300)			
** DISCCART	406412.503810319	3758237.50162708	324.70	1.50
** receptor	=B342+1 (sensitive receptor: C301)			
** DISCCART	406412.503810319	3758212.50671473	322.60	1.50
** receptor	=B343+1 (sensitive receptor: C302)			
** DISCCART	406412.503810319	3758187.5018044	321.40	1.50
** receptor	=B344+1 (sensitive receptor: C303)			
** DISCCART	406412.503810319	3758162.50689204	321.40	1.50
** receptor	=B345+1 (sensitive receptor: C304)			
** DISCCART	406412.503810319	3758137.50198172	321.40	1.50
** receptor	=B346+1 (sensitive receptor: C305)			
** DISCCART	406437.496964381	3758512.50565081	348.90	1.50
** receptor	=B347+1 (sensitive receptor: C306)			
** DISCCART	406437.496964381	3758487.50074049	347.70	1.50
** receptor	=B348+1 (sensitive receptor: C307)			
** DISCCART	406437.496964381	3758462.50582813	345.60	1.50
** receptor	=B349+1 (sensitive receptor: C308)			
** DISCCART	406437.496964381	3758437.50091781	344.40	1.50
** receptor	=B350+1 (sensitive receptor: C309)			
** DISCCART	406437.496964381	3758412.50600545	344.40	1.50
** receptor	=B351+1 (sensitive receptor: C310)			
** DISCCART	406437.496964381	3758387.50109513	343.60	1.50
** receptor	=B352+1 (sensitive receptor: C311)			
** DISCCART	406437.496964381	3758362.50618277	341.10	1.50
** receptor	=B353+1 (sensitive receptor: C312)			
** DISCCART	406437.496964381	3758337.50127244	341.10	1.50
** receptor	=B354+1 (sensitive receptor: C313)			
** DISCCART	406437.496964381	3758312.50636009	337.80	1.50
** receptor	=B355+1 (sensitive receptor: C314)			
** DISCCART	406437.496964381	3758287.50144976	334.60	1.50
** receptor	=B356+1 (sensitive receptor: C315)			
** DISCCART	406437.496964381	3758262.50653741	328.20	1.50
** receptor	=B357+1 (sensitive receptor: C316)			
** DISCCART	406437.496964381	3758237.50162708	322.10	1.50
** receptor	=B358+1 (sensitive receptor: C317)			
** DISCCART	406437.496964381	3758212.50671473	321.40	1.50
** receptor	=B359+1 (sensitive receptor: C318)			
** DISCCART	406437.496964381	3758187.5018044	321.40	1.50
** receptor	=B360+1 (sensitive receptor: C319)			
** DISCCART	406437.496964381	3758162.50689204	321.40	1.50
** receptor	=B361+1 (sensitive receptor: C320)			
** DISCCART	406437.496964381	3758137.50198172	321.40	1.50
** receptor	=B362+1 (sensitive receptor: C321)			
** DISCCART	406462.498364286	3758512.50565081	351.00	1.50
** receptor	=B363+1 (sensitive receptor: C322)			
** DISCCART	406462.498364286	3758487.50074049	347.70	1.50
** receptor	=B364+1 (sensitive receptor: C323)			
** DISCCART	406462.498364286	3758462.50582813	347.70	1.50
** receptor	=B365+1 (sensitive receptor: C324)			

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** DISCCART	406462.498364286	3758437.50091781	345.30	1.50
** receptor	=B366+1 (sensitive receptor: C325)			
** DISCCART	406462.498364286	3758412.50600545	344.40	1.50
** receptor	=B367+1 (sensitive receptor: C326)			
** DISCCART	406462.498364286	3758387.50109513	344.40	1.50
** receptor	=B368+1 (sensitive receptor: C327)			
** DISCCART	406462.498364286	3758362.50618277	343.20	1.50
** receptor	=B369+1 (sensitive receptor: C328)			
** DISCCART	406462.498364286	3758337.50127244	341.10	1.50
** receptor	=B370+1 (sensitive receptor: C329)			
** DISCCART	406462.498364286	3758312.50636009	339.90	1.50
** receptor	=B371+1 (sensitive receptor: C330)			
** DISCCART	406462.498364286	3758287.50144976	335.50	1.50
** receptor	=B372+1 (sensitive receptor: C331)			
** DISCCART	406462.498364286	3758262.50653741	325.80	1.50
** receptor	=B373+1 (sensitive receptor: C332)			
** DISCCART	406462.498364286	3758237.50162708	321.40	1.50
** receptor	=B374+1 (sensitive receptor: C333)			
** DISCCART	406462.498364286	3758212.50671473	321.40	1.50
** receptor	=B375+1 (sensitive receptor: C334)			
** DISCCART	406462.498364286	3758187.5018044	322.40	1.50
** receptor	=B376+1 (sensitive receptor: C335)			
** DISCCART	406462.498364286	3758162.50689204	323.60	1.50
** receptor	=B377+1 (sensitive receptor: C336)			
** DISCCART	406462.498364286	3758137.50198172	325.60	1.50
** receptor	=B378+1 (sensitive receptor: C337)			
** DISCCART	406487.499764192	3758512.50565081	353.90	1.50
** receptor	=B379+1 (sensitive receptor: C338)			
** DISCCART	406487.499764192	3758487.50074049	350.90	1.50
** receptor	=B380+1 (sensitive receptor: C339)			
** DISCCART	406487.499764192	3758462.50582813	347.70	1.50
** receptor	=B381+1 (sensitive receptor: C340)			
** DISCCART	406487.499764192	3758437.50091781	347.70	1.50
** receptor	=B382+1 (sensitive receptor: C341)			
** DISCCART	406487.499764192	3758412.50600545	344.40	1.50
** receptor	=B383+1 (sensitive receptor: C342)			
** DISCCART	406487.499764192	3758387.50109513	344.40	1.50
** receptor	=B384+1 (sensitive receptor: C343)			
** DISCCART	406487.499764192	3758362.50618277	344.40	1.50
** receptor	=B385+1 (sensitive receptor: C344)			
** DISCCART	406487.499764192	3758337.50127244	341.10	1.50
** receptor	=B386+1 (sensitive receptor: C345)			
** DISCCART	406487.499764192	3758312.50636009	341.10	1.50
** receptor	=B387+1 (sensitive receptor: C346)			
** DISCCART	406487.499764192	3758287.50144976	337.80	1.50
** receptor	=B388+1 (sensitive receptor: C347)			
** DISCCART	406487.499764192	3758262.50653741	323.30	1.50
** receptor	=B389+1 (sensitive receptor: C348)			
** DISCCART	406487.499764192	3758237.50162708	321.40	1.50
** receptor	=B390+1 (sensitive receptor: C349)			
** DISCCART	406487.499764192	3758212.50671473	324.40	1.50
** receptor	=B391+1 (sensitive receptor: C350)			
** DISCCART	406487.499764192	3758187.5018044	327.30	1.50
** receptor	=B392+1 (sensitive receptor: C351)			
** DISCCART	406487.499764192	3758162.50689204	328.00	1.50
** receptor	=B393+1 (sensitive receptor: C352)			
** DISCCART	406487.499764192	3758137.50198172	330.60	1.50
** receptor	=B394+1 (sensitive receptor: C353)			
** DISCCART	406512.501164097	3758512.50565081	354.20	1.50
** receptor	=B395+1 (sensitive receptor: C354)			
** DISCCART	406512.501164097	3758487.50074049	351.00	1.50
** receptor	=B396+1 (sensitive receptor: C355)			
** DISCCART	406512.501164097	3758462.50582813	347.70	1.50
** receptor	=B397+1 (sensitive receptor: C356)			
** DISCCART	406512.501164097	3758437.50091781	344.40	1.50
** receptor	=B398+1 (sensitive receptor: C357)			
** DISCCART	406512.501164097	3758412.50600545	344.40	1.50
** receptor	=B399+1 (sensitive receptor: C358)			
** DISCCART	406512.501164097	3758387.50109513	344.40	1.50
** receptor	=B400+1 (sensitive receptor: C359)			
** DISCCART	406512.501164097	3758362.50618277	342.20	1.50
** receptor	=B401+1 (sensitive receptor: C360)			
** DISCCART	406512.501164097	3758337.50127244	341.10	1.50
** receptor	=B402+1 (sensitive receptor: C361)			
** DISCCART	406512.501164097	3758312.50636009	338.50	1.50
** receptor	=B403+1 (sensitive receptor: C362)			

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** DISCCART	406512.501164097	3758287.50144976	331.20	1.50
** receptor	=B404+1 (sensitive receptor: C363)			
** DISCCART	406512.501164097	3758262.50653741	321.40	1.50
** receptor	=B405+1 (sensitive receptor: C364)			
** DISCCART	406512.501164097	3758237.50162708	323.40	1.50
** receptor	=B406+1 (sensitive receptor: C365)			
** DISCCART	406512.501164097	3758212.50671473	334.40	1.50
** receptor	=B407+1 (sensitive receptor: C366)			
** DISCCART	406512.501164097	3758187.5018044	334.60	1.50
** receptor	=B408+1 (sensitive receptor: C367)			
** DISCCART	406512.501164097	3758162.50689204	334.60	1.50
** receptor	=B409+1 (sensitive receptor: C368)			
** DISCCART	406512.501164097	3758137.50198172	334.60	1.50
** receptor	=B410+1 (sensitive receptor: C369)			
** DISCCART	406537.502564003	3758512.50565081	355.80	1.50
** receptor	=B411+1 (sensitive receptor: C370)			
** DISCCART	406537.502564003	3758487.50074049	351.00	1.50
** receptor	=B412+1 (sensitive receptor: C371)			
** DISCCART	406537.502564003	3758462.50582813	347.70	1.50
** receptor	=B413+1 (sensitive receptor: C372)			
** DISCCART	406537.502564003	3758437.50091781	344.40	1.50
** receptor	=B414+1 (sensitive receptor: C373)			
** DISCCART	406537.502564003	3758412.50600545	344.40	1.50
** receptor	=B415+1 (sensitive receptor: C374)			
** DISCCART	406537.502564003	3758387.50109513	341.80	1.50
** receptor	=B416+1 (sensitive receptor: C375)			
** DISCCART	406537.502564003	3758362.50618277	339.80	1.50
** receptor	=B417+1 (sensitive receptor: C376)			
** DISCCART	406537.502564003	3758337.50127244	337.80	1.50
** receptor	=B418+1 (sensitive receptor: C377)			
** DISCCART	406537.502564003	3758312.50636009	336.10	1.50
** receptor	=B419+1 (sensitive receptor: C378)			
** DISCCART	406537.502564003	3758287.50144976	333.80	1.50
** receptor	=B420+1 (sensitive receptor: C379)			
** DISCCART	406537.502564003	3758262.50653741	334.50	1.50
** receptor	=B421+1 (sensitive receptor: C380)			
** DISCCART	406537.502564003	3758237.50162708	343.60	1.50
** receptor	=B422+1 (sensitive receptor: C381)			
** DISCCART	406537.502564003	3758212.50671473	340.70	1.50
** receptor	=B423+1 (sensitive receptor: C382)			
** DISCCART	406537.502564003	3758187.5018044	337.80	1.50
** receptor	=B424+1 (sensitive receptor: C383)			
** DISCCART	406537.502564003	3758162.50689204	335.80	1.50
** receptor	=B425+1 (sensitive receptor: C384)			
** DISCCART	406537.502564003	3758137.50198172	334.60	1.50
** receptor	=B426+1 (sensitive receptor: C385)			
** DISCCART	406562.495718064	3758512.50565081	356.30	1.50
** receptor	=B427+1 (sensitive receptor: C386)			
** DISCCART	406562.495718064	3758487.50074049	351.00	1.50
** receptor	=B428+1 (sensitive receptor: C387)			
** DISCCART	406562.495718064	3758462.50582813	347.20	1.50
** receptor	=B429+1 (sensitive receptor: C388)			
** DISCCART	406562.495718064	3758437.50091781	344.40	1.50
** receptor	=B430+1 (sensitive receptor: C389)			
** DISCCART	406562.495718064	3758412.50600545	341.10	1.50
** receptor	=B431+1 (sensitive receptor: C390)			
** DISCCART	406562.495718064	3758387.50109513	337.80	1.50
** receptor	=B432+1 (sensitive receptor: C391)			
** DISCCART	406562.495718064	3758362.50618277	337.80	1.50
** receptor	=B433+1 (sensitive receptor: C392)			
** DISCCART	406562.495718064	3758337.50127244	337.80	1.50
** receptor	=B434+1 (sensitive receptor: C393)			
** DISCCART	406562.495718064	3758312.50636009	338.80	1.50
** receptor	=B435+1 (sensitive receptor: C394)			
** DISCCART	406562.495718064	3758287.50144976	341.10	1.50
** receptor	=B436+1 (sensitive receptor: C395)			
** DISCCART	406562.495718064	3758262.50653741	343.30	1.50
** receptor	=B437+1 (sensitive receptor: C396)			
** DISCCART	406562.495718064	3758237.50162708	344.40	1.50
** receptor	=B438+1 (sensitive receptor: C397)			
** DISCCART	406562.495718064	3758212.50671473	342.00	1.50
** receptor	=B439+1 (sensitive receptor: C398)			
** DISCCART	406562.495718064	3758187.5018044	341.10	1.50
** receptor	=B440+1 (sensitive receptor: C399)			
** DISCCART	406562.495718064	3758162.50689204	338.80	1.50
** receptor	=B441+1 (sensitive receptor: C400)			

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** DISCCART	406562.495718064	3758137.50198172	337.80	1.50
** receptor	=B442+1 (sensitive receptor: C401)			
** DISCCART	406587.49711797	3758512.50565081	357.50	1.50
** receptor	=B443+1 (sensitive receptor: C402)			
** DISCCART	406587.49711797	3758487.50074049	351.60	1.50
** receptor	=B444+1 (sensitive receptor: C403)			
** DISCCART	406587.49711797	3758462.50582813	346.00	1.50
** receptor	=B445+1 (sensitive receptor: C404)			
** DISCCART	406587.49711797	3758437.50091781	341.10	1.50
** receptor	=B446+1 (sensitive receptor: C405)			
** DISCCART	406587.49711797	3758412.50600545	341.10	1.50
** receptor	=B447+1 (sensitive receptor: C406)			
** DISCCART	406587.49711797	3758387.50109513	340.30	1.50
** receptor	=B448+1 (sensitive receptor: C407)			
** DISCCART	406587.49711797	3758362.50618277	339.20	1.50
** receptor	=B449+1 (sensitive receptor: C408)			
** DISCCART	406587.49711797	3758337.50127244	340.50	1.50
** receptor	=B450+1 (sensitive receptor: C409)			
** DISCCART	406587.49711797	3758312.50636009	344.10	1.50
** receptor	=B451+1 (sensitive receptor: C410)			
** DISCCART	406587.49711797	3758287.50144976	344.40	1.50
** receptor	=B452+1 (sensitive receptor: C411)			
** DISCCART	406587.49711797	3758262.50653741	344.40	1.50
** receptor	=B453+1 (sensitive receptor: C412)			
** DISCCART	406587.49711797	3758237.50162708	344.40	1.50
** receptor	=B454+1 (sensitive receptor: C413)			
** DISCCART	406587.49711797	3758212.50671473	344.40	1.50
** receptor	=B455+1 (sensitive receptor: C414)			
** DISCCART	406587.49711797	3758187.5018044	343.70	1.50
** receptor	=B456+1 (sensitive receptor: C415)			
** DISCCART	406587.49711797	3758162.50689204	341.10	1.50
** receptor	=B457+1 (sensitive receptor: C416)			
** DISCCART	406587.49711797	3758137.50198172	340.40	1.50
** receptor	=B458+1 (sensitive receptor: C417)			
** DISCCART	406612.498517875	3758512.50565081	357.50	1.50
** receptor	=B459+1 (sensitive receptor: C418)			
** DISCCART	406612.498517875	3758487.50074049	350.90	1.50
** receptor	=B460+1 (sensitive receptor: C419)			
** DISCCART	406612.498517875	3758462.50582813	343.60	1.50
** receptor	=B461+1 (sensitive receptor: C420)			
** DISCCART	406612.498517875	3758437.50091781	341.10	1.50
** receptor	=B462+1 (sensitive receptor: C421)			
** DISCCART	406612.498517875	3758412.50600545	341.10	1.50
** receptor	=B463+1 (sensitive receptor: C422)			
** DISCCART	406612.498517875	3758387.50109513	338.80	1.50
** receptor	=B464+1 (sensitive receptor: C423)			
** DISCCART	406612.498517875	3758362.50618277	343.30	1.50
** receptor	=B465+1 (sensitive receptor: C424)			
** DISCCART	406612.498517875	3758337.50127244	346.30	1.50
** receptor	=B466+1 (sensitive receptor: C425)			
** DISCCART	406612.498517875	3758312.50636009	349.10	1.50
** receptor	=B467+1 (sensitive receptor: C426)			
** DISCCART	406612.498517875	3758287.50144976	348.60	1.50
** receptor	=B468+1 (sensitive receptor: C427)			
** DISCCART	406612.498517875	3758262.50653741	348.60	1.50
** receptor	=B469+1 (sensitive receptor: C428)			
** DISCCART	406612.498517875	3758237.50162708	347.70	1.50
** receptor	=B470+1 (sensitive receptor: C429)			
** DISCCART	406612.498517875	3758212.50671473	346.40	1.50
** receptor	=B471+1 (sensitive receptor: C430)			
** DISCCART	406612.498517875	3758187.5018044	344.40	1.50
** receptor	=B472+1 (sensitive receptor: C431)			
** DISCCART	406612.498517875	3758162.50689204	344.40	1.50
** receptor	=B473+1 (sensitive receptor: C432)			
** DISCCART	406612.498517875	3758137.50198172	344.40	1.50
** receptor	=B474+1 (sensitive receptor: C433)			
** DISCCART	406637.499917781	3758512.50565081	354.60	1.50
** receptor	=B475+1 (sensitive receptor: C434)			
** DISCCART	406637.499917781	3758487.50074049	350.90	1.50
** receptor	=B476+1 (sensitive receptor: C435)			
** DISCCART	406637.499917781	3758462.50582813	346.00	1.50
** receptor	=B477+1 (sensitive receptor: C436)			
** DISCCART	406637.499917781	3758437.50091781	341.10	1.50
** receptor	=B478+1 (sensitive receptor: C437)			
** DISCCART	406637.499917781	3758412.50600545	342.50	1.50
** receptor	=B479+1 (sensitive receptor: C438)			

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** DISCCART	406637.499917781	3758387.50109513	347.00	1.50
** receptor	=B480+1 (sensitive receptor: C439)			
** DISCCART	406637.499917781	3758362.50618277	352.00	1.50
** receptor	=B481+1 (sensitive receptor: C440)			
** DISCCART	406637.499917781	3758337.50127244	356.80	1.50
** receptor	=B482+1 (sensitive receptor: C441)			
** DISCCART	406637.499917781	3758312.50636009	357.10	1.50
** receptor	=B483+1 (sensitive receptor: C442)			
** DISCCART	406637.499917781	3758287.50144976	354.20	1.50
** receptor	=B484+1 (sensitive receptor: C443)			
** DISCCART	406637.499917781	3758262.50653741	352.20	1.50
** receptor	=B485+1 (sensitive receptor: C444)			
** DISCCART	406637.499917781	3758237.50162708	350.20	1.50
** receptor	=B486+1 (sensitive receptor: C445)			
** DISCCART	406637.499917781	3758212.50671473	347.70	1.50
** receptor	=B487+1 (sensitive receptor: C446)			
** DISCCART	406637.499917781	3758187.5018044	346.90	1.50
** receptor	=B488+1 (sensitive receptor: C447)			
** DISCCART	406637.499917781	3758162.50689204	344.40	1.50
** receptor	=B489+1 (sensitive receptor: C448)			
** DISCCART	406637.499917781	3758137.50198172	344.40	1.50
** receptor	=B490+1 (sensitive receptor: C449)			
** DISCCART	406662.501317687	3758512.50565081	357.50	1.50
** receptor	=B491+1 (sensitive receptor: C450)			
** DISCCART	406662.501317687	3758487.50074049	354.30	1.50
** receptor	=B492+1 (sensitive receptor: C451)			
** DISCCART	406662.501317687	3758462.50582813	351.80	1.50
** receptor	=B493+1 (sensitive receptor: C452)			
** DISCCART	406662.501317687	3758437.50091781	352.00	1.50
** receptor	=B494+1 (sensitive receptor: C453)			
** DISCCART	406662.501317687	3758412.50600545	355.20	1.50
** receptor	=B495+1 (sensitive receptor: C454)			
** DISCCART	406662.501317687	3758387.50109513	355.20	1.50
** receptor	=B496+1 (sensitive receptor: C455)			
** DISCCART	406662.501317687	3758362.50618277	358.40	1.50
** receptor	=B497+1 (sensitive receptor: C456)			
** DISCCART	406662.501317687	3758337.50127244	360.80	1.50
** receptor	=B498+1 (sensitive receptor: C457)			
** DISCCART	406662.501317687	3758312.50636009	359.60	1.50
** receptor	=B499+1 (sensitive receptor: C458)			
** DISCCART	406662.501317687	3758287.50144976	357.50	1.50
** receptor	=B500+1 (sensitive receptor: C459)			
** DISCCART	406662.501317687	3758262.50653741	354.20	1.50
** receptor	=B501+1 (sensitive receptor: C460)			
** DISCCART	406662.501317687	3758237.50162708	351.90	1.50
** receptor	=B502+1 (sensitive receptor: C461)			
** DISCCART	406662.501317687	3758212.50671473	351.00	1.50
** receptor	=B503+1 (sensitive receptor: C462)			
** DISCCART	406662.501317687	3758187.5018044	347.70	1.50
** receptor	=B504+1 (sensitive receptor: C463)			
** DISCCART	406662.501317687	3758162.50689204	347.70	1.50
** receptor	=B505+1 (sensitive receptor: C464)			
** DISCCART	406662.501317687	3758137.50198172	344.40	1.50
** receptor	=B506+1 (sensitive receptor: C465)			
** DISCCART	406687.502717592	3758512.50565081	357.50	1.50
** receptor	=B507+1 (sensitive receptor: C466)			
** DISCCART	406687.502717592	3758487.50074049	357.50	1.50
** receptor	=B508+1 (sensitive receptor: C467)			
** DISCCART	406687.502717592	3758462.50582813	357.50	1.50
** receptor	=B509+1 (sensitive receptor: C468)			
** DISCCART	406687.502717592	3758437.50091781	360.10	1.50
** receptor	=B510+1 (sensitive receptor: C469)			
** DISCCART	406687.502717592	3758412.50600545	360.80	1.50
** receptor	=B511+1 (sensitive receptor: C470)			
** DISCCART	406687.502717592	3758387.50109513	360.10	1.50
** receptor	=B512+1 (sensitive receptor: C471)			
** DISCCART	406687.502717592	3758362.50618277	362.10	1.50
** receptor	=B513+1 (sensitive receptor: C472)			
** DISCCART	406687.502717592	3758337.50127244	363.30	1.50
** receptor	=B514+1 (sensitive receptor: C473)			
** DISCCART	406687.502717592	3758312.50636009	360.80	1.50
** receptor	=B515+1 (sensitive receptor: C474)			
** DISCCART	406687.502717592	3758287.50144976	357.50	1.50
** receptor	=B516+1 (sensitive receptor: C475)			
** DISCCART	406687.502717592	3758262.50653741	355.80	1.50
** receptor	=B517+1 (sensitive receptor: C476)			

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** DISCCART	406687.502717592	3758237.50162708	354.20	1.50
** receptor	=B518+1 (sensitive receptor: C477)			
** DISCCART	406687.502717592	3758212.50671473	351.00	1.50
** receptor	=B519+1 (sensitive receptor: C478)			
** DISCCART	406687.502717592	3758187.5018044	350.90	1.50
** receptor	=B520+1 (sensitive receptor: C479)			
** DISCCART	406687.502717592	3758162.50689204	347.70	1.50
** receptor	=B521+1 (sensitive receptor: C480)			
** DISCCART	406687.502717592	3758137.50198172	344.40	1.50
** receptor	=B522+1 (sensitive receptor: C481)			
** DISCCART	406712.495871654	3758512.50565081	357.50	1.50
** receptor	=B523+1 (sensitive receptor: C482)			
** DISCCART	406712.495871654	3758487.50074049	358.50	1.50
** receptor	=B524+1 (sensitive receptor: C483)			
** DISCCART	406712.495871654	3758462.50582813	360.80	1.50
** receptor	=B525+1 (sensitive receptor: C484)			
** DISCCART	406712.495871654	3758437.50091781	361.70	1.50
** receptor	=B526+1 (sensitive receptor: C485)			
** DISCCART	406712.495871654	3758412.50600545	364.10	1.50
** receptor	=B527+1 (sensitive receptor: C486)			
** DISCCART	406712.495871654	3758387.50109513	364.10	1.50
** receptor	=B528+1 (sensitive receptor: C487)			
** DISCCART	406712.495871654	3758362.50618277	364.10	1.50
** receptor	=B529+1 (sensitive receptor: C488)			
** DISCCART	406712.495871654	3758337.50127244	364.00	1.50
** receptor	=B530+1 (sensitive receptor: C489)			
** DISCCART	406712.495871654	3758312.50636009	360.80	1.50
** receptor	=B531+1 (sensitive receptor: C490)			
** DISCCART	406712.495871654	3758287.50144976	357.50	1.50
** receptor	=B532+1 (sensitive receptor: C491)			
** DISCCART	406712.495871654	3758262.50653741	357.50	1.50
** receptor	=B533+1 (sensitive receptor: C492)			
** DISCCART	406712.495871654	3758237.50162708	354.20	1.50
** receptor	=B534+1 (sensitive receptor: C493)			
** DISCCART	406712.495871654	3758212.50671473	354.20	1.50
** receptor	=B535+1 (sensitive receptor: C494)			
** DISCCART	406712.495871654	3758187.5018044	351.00	1.50
** receptor	=B536+1 (sensitive receptor: C495)			
** DISCCART	406712.495871654	3758162.50689204	348.10	1.50
** receptor	=B537+1 (sensitive receptor: C496)			
** DISCCART	406712.495871654	3758137.50198172	344.40	1.50
** receptor	=B538+1 (sensitive receptor: C497)			
** DISCCART	406737.497271559	3758512.50565081	359.20	1.50
** receptor	=B539+1 (sensitive receptor: C498)			
** DISCCART	406737.497271559	3758487.50074049	360.90	1.50
** receptor	=B540+1 (sensitive receptor: C499)			
** DISCCART	406737.497271559	3758462.50582813	363.70	1.50
** receptor	=B541+1 (sensitive receptor: C500)			
** DISCCART	406737.497271559	3758437.50091781	364.10	1.50
** receptor	=B542+1 (sensitive receptor: C501)			
** DISCCART	406737.497271559	3758412.50600545	365.40	1.50
** receptor	=B543+1 (sensitive receptor: C502)			
** DISCCART	406737.497271559	3758387.50109513	366.70	1.50
** receptor	=B544+1 (sensitive receptor: C503)			
** DISCCART	406737.497271559	3758362.50618277	367.40	1.50
** receptor	=B545+1 (sensitive receptor: C504)			
** DISCCART	406737.497271559	3758337.50127244	364.10	1.50
** receptor	=B546+1 (sensitive receptor: C505)			
** DISCCART	406737.497271559	3758312.50636009	362.00	1.50
** receptor	=B547+1 (sensitive receptor: C506)			
** DISCCART	406737.497271559	3758287.50144976	360.80	1.50
** receptor	=B548+1 (sensitive receptor: C507)			
** DISCCART	406737.497271559	3758262.50653741	357.50	1.50
** receptor	=B549+1 (sensitive receptor: C508)			
** DISCCART	406737.497271559	3758237.50162708	357.50	1.50
** receptor	=B550+1 (sensitive receptor: C509)			
** DISCCART	406737.497271559	3758212.50671473	354.20	1.50
** receptor	=B551+1 (sensitive receptor: C510)			
** DISCCART	406737.497271559	3758187.5018044	351.00	1.50
** receptor	=B552+1 (sensitive receptor: C511)			
** DISCCART	406737.497271559	3758162.50689204	347.70	1.50
** receptor	=B553+1 (sensitive receptor: C512)			
** DISCCART	406737.497271559	3758137.50198172	344.40	1.50
** receptor	=B554+1 (sensitive receptor: C513)			
** DISCCART	406762.498671465	3758512.50565081	360.80	1.50
** receptor	=B555+1 (sensitive receptor: C514)			

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** DISCCART	406762.498671465	3758487.50074049	364.10	1.50
** receptor	=B556+1 (sensitive receptor: C515)			
** DISCCART	406762.498671465	3758462.50582813	365.00	1.50
** receptor	=B557+1 (sensitive receptor: C516)			
** DISCCART	406762.498671465	3758437.50091781	367.40	1.50
** receptor	=B558+1 (sensitive receptor: C517)			
** DISCCART	406762.498671465	3758412.50600545	367.40	1.50
** receptor	=B559+1 (sensitive receptor: C518)			
** DISCCART	406762.498671465	3758387.50109513	367.40	1.50
** receptor	=B560+1 (sensitive receptor: C519)			
** DISCCART	406762.498671465	3758362.50618277	368.30	1.50
** receptor	=B561+1 (sensitive receptor: C520)			
** DISCCART	406762.498671465	3758337.50127244	367.30	1.50
** receptor	=B562+1 (sensitive receptor: C521)			
** DISCCART	406762.498671465	3758312.50636009	364.50	1.50
** receptor	=B563+1 (sensitive receptor: C522)			
** DISCCART	406762.498671465	3758287.50144976	361.70	1.50
** receptor	=B564+1 (sensitive receptor: C523)			
** DISCCART	406762.498671465	3758262.50653741	360.80	1.50
** receptor	=B565+1 (sensitive receptor: C524)			
** DISCCART	406762.498671465	3758237.50162708	357.50	1.50
** receptor	=B566+1 (sensitive receptor: C525)			
** DISCCART	406762.498671465	3758212.50671473	356.30	1.50
** receptor	=B567+1 (sensitive receptor: C526)			
** DISCCART	406762.498671465	3758187.5018044	351.00	1.50
** receptor	=B568+1 (sensitive receptor: C527)			
** DISCCART	406762.498671465	3758162.50689204	347.70	1.50
** receptor	=B569+1 (sensitive receptor: C528)			
** DISCCART	406762.498671465	3758137.50198172	344.40	1.50
** receptor	=B570+1 (sensitive receptor: C529)			
** DISCCART	406787.50007137	3758512.50565081	360.80	1.50
** receptor	=B571+1 (sensitive receptor: C530)			
** DISCCART	406787.50007137	3758487.50074049	364.20	1.50
** receptor	=B572+1 (sensitive receptor: C531)			
** DISCCART	406787.50007137	3758462.50582813	367.40	1.50
** receptor	=B573+1 (sensitive receptor: C532)			
** DISCCART	406787.50007137	3758437.50091781	369.90	1.50
** receptor	=B574+1 (sensitive receptor: C533)			
** DISCCART	406787.50007137	3758412.50600545	370.60	1.50
** receptor	=B575+1 (sensitive receptor: C534)			
** DISCCART	406787.50007137	3758387.50109513	370.70	1.50
** receptor	=B576+1 (sensitive receptor: C535)			
** DISCCART	406787.50007137	3758362.50618277	371.90	1.50
** receptor	=B577+1 (sensitive receptor: C536)			
** DISCCART	406787.50007137	3758337.50127244	369.90	1.50
** receptor	=B578+1 (sensitive receptor: C537)			
** DISCCART	406787.50007137	3758312.50636009	367.40	1.50
** receptor	=B579+1 (sensitive receptor: C538)			
** DISCCART	406787.50007137	3758287.50144976	366.60	1.50
** receptor	=B580+1 (sensitive receptor: C539)			
** DISCCART	406787.50007137	3758262.50653741	362.00	1.50
** receptor	=B581+1 (sensitive receptor: C540)			
** DISCCART	406787.50007137	3758237.50162708	360.70	1.50
** receptor	=B582+1 (sensitive receptor: C541)			
** DISCCART	406787.50007137	3758212.50671473	357.50	1.50
** receptor	=B583+1 (sensitive receptor: C542)			
** DISCCART	406787.50007137	3758187.5018044	351.00	1.50
** receptor	=B584+1 (sensitive receptor: C543)			
** DISCCART	406787.50007137	3758162.50689204	347.70	1.50
** receptor	=B585+1 (sensitive receptor: C544)			
** DISCCART	406787.50007137	3758137.50198172	341.80	1.50
** receptor	=B586+1 (sensitive receptor: C545)			
** DISCCART	406812.501471276	3758512.50565081	363.00	1.50
** receptor	=B587+1 (sensitive receptor: C546)			
** DISCCART	406812.501471276	3758487.50074049	367.40	1.50
** receptor	=B588+1 (sensitive receptor: C547)			
** DISCCART	406812.501471276	3758462.50582813	369.50	1.50
** receptor	=B589+1 (sensitive receptor: C548)			
** DISCCART	406812.501471276	3758437.50091781	371.60	1.50
** receptor	=B590+1 (sensitive receptor: C549)			
** DISCCART	406812.501471276	3758412.50600545	374.40	1.50
** receptor	=B591+1 (sensitive receptor: C550)			
** DISCCART	406812.501471276	3758387.50109513	374.80	1.50
** receptor	=B592+1 (sensitive receptor: C551)			
** DISCCART	406812.501471276	3758362.50618277	374.80	1.50
** receptor	=B593+1 (sensitive receptor: C552)			

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** DISCCART	406812.501471276	3758337.50127244	373.90	1.50
** receptor	=B594+1 (sensitive receptor: C553)			
** DISCCART	406812.501471276	3758312.50636009	369.40	1.50
** receptor	=B595+1 (sensitive receptor: C554)			
** DISCCART	406812.501471276	3758287.50144976	367.40	1.50
** receptor	=B596+1 (sensitive receptor: C555)			
** DISCCART	406812.501471276	3758262.50653741	364.50	1.50
** receptor	=B597+1 (sensitive receptor: C556)			
** DISCCART	406812.501471276	3758237.50162708	360.80	1.50
** receptor	=B598+1 (sensitive receptor: C557)			
** DISCCART	406812.501471276	3758212.50671473	357.50	1.50
** receptor	=B599+1 (sensitive receptor: C558)			
** DISCCART	406812.501471276	3758187.5018044	354.20	1.50
** receptor	=B600+1 (sensitive receptor: C559)			
** DISCCART	406812.501471276	3758162.50689204	346.00	1.50
** receptor	=B601+1 (sensitive receptor: C560)			
** DISCCART	406812.501471276	3758137.50198172	341.10	1.50
** receptor	=B602+1 (sensitive receptor: C561)			
** DISCCART	406837.502871182	3758512.50565081	366.60	1.50
** receptor	=B603+1 (sensitive receptor: C562)			
** DISCCART	406837.502871182	3758487.50074049	367.40	1.50
** receptor	=B604+1 (sensitive receptor: C563)			
** DISCCART	406837.502871182	3758462.50582813	370.60	1.50
** receptor	=B605+1 (sensitive receptor: C564)			
** DISCCART	406837.502871182	3758437.50091781	374.00	1.50
** receptor	=B606+1 (sensitive receptor: C565)			
** DISCCART	406837.502871182	3758412.50600545	378.50	1.50
** receptor	=B607+1 (sensitive receptor: C566)			
** DISCCART	406837.502871182	3758387.50109513	379.80	1.50
** receptor	=B608+1 (sensitive receptor: C567)			
** DISCCART	406837.502871182	3758362.50618277	378.40	1.50
** receptor	=B609+1 (sensitive receptor: C568)			
** DISCCART	406837.502871182	3758337.50127244	377.20	1.50
** receptor	=B610+1 (sensitive receptor: C569)			
** DISCCART	406837.502871182	3758312.50636009	373.50	1.50
** receptor	=B611+1 (sensitive receptor: C570)			
** DISCCART	406837.502871182	3758287.50144976	367.40	1.50
** receptor	=B612+1 (sensitive receptor: C571)			
** DISCCART	406837.502871182	3758262.50653741	362.70	1.50
** receptor	=B613+1 (sensitive receptor: C572)			
** DISCCART	406837.502871182	3758237.50162708	358.20	1.50
** receptor	=B614+1 (sensitive receptor: C573)			
** DISCCART	406837.502871182	3758212.50671473	357.50	1.50
** receptor	=B615+1 (sensitive receptor: C574)			
** DISCCART	406837.502871182	3758187.5018044	354.20	1.50
** receptor	=B616+1 (sensitive receptor: C575)			
** DISCCART	406837.502871182	3758162.50689204	348.50	1.50
** receptor	=B617+1 (sensitive receptor: C576)			
** DISCCART	406837.502871182	3758137.50198172	343.70	1.50
** receptor	=B618+1 (sensitive receptor: C577)			
** DISCCART	406862.496025243	3758512.50565081	368.30	1.50
** receptor	=B619+1 (sensitive receptor: C578)			
** DISCCART	406862.496025243	3758487.50074049	370.70	1.50
** receptor	=B620+1 (sensitive receptor: C579)			
** DISCCART	406862.496025243	3758462.50582813	373.90	1.50
** receptor	=B621+1 (sensitive receptor: C580)			
** DISCCART	406862.496025243	3758437.50091781	377.20	1.50
** receptor	=B622+1 (sensitive receptor: C581)			
** DISCCART	406862.496025243	3758412.50600545	380.50	1.50
** receptor	=B623+1 (sensitive receptor: C582)			
** DISCCART	406862.496025243	3758387.50109513	381.40	1.50
** receptor	=B624+1 (sensitive receptor: C583)			
** DISCCART	406862.496025243	3758362.50618277	380.50	1.50
** receptor	=B625+1 (sensitive receptor: C584)			
** DISCCART	406862.496025243	3758337.50127244	380.40	1.50
** receptor	=B626+1 (sensitive receptor: C585)			
** DISCCART	406862.496025243	3758312.50636009	375.50	1.50
** receptor	=B627+1 (sensitive receptor: C586)			
** DISCCART	406862.496025243	3758287.50144976	364.00	1.50
** receptor	=B628+1 (sensitive receptor: C587)			
** DISCCART	406862.496025243	3758262.50653741	358.60	1.50
** receptor	=B629+1 (sensitive receptor: C588)			
** DISCCART	406862.496025243	3758237.50162708	358.40	1.50
** receptor	=B630+1 (sensitive receptor: C589)			
** DISCCART	406862.496025243	3758212.50671473	358.40	1.50
** receptor	=B631+1 (sensitive receptor: C590)			

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** DISCCART	406862.496025243	3758187.5018044	357.50	1.50
** receptor	=B632+1 (sensitive receptor: C591)			
** DISCCART	406862.496025243	3758162.50689204	357.50	1.50
** receptor	=B633+1 (sensitive receptor: C592)			
** DISCCART	406862.496025243	3758137.50198172	355.20	1.50
** receptor	=B634+1 (sensitive receptor: C593)			
** DISCCART	406887.497425149	3758512.50565081	373.20	1.50
** receptor	=B635+1 (sensitive receptor: C594)			
** DISCCART	406887.497425149	3758487.50074049	373.90	1.50
** receptor	=B636+1 (sensitive receptor: C595)			
** DISCCART	406887.497425149	3758462.50582813	375.30	1.50
** receptor	=B637+1 (sensitive receptor: C596)			
** DISCCART	406887.497425149	3758437.50091781	379.80	1.50
** receptor	=B638+1 (sensitive receptor: C597)			
** DISCCART	406887.497425149	3758412.50600545	381.80	1.50
** receptor	=B639+1 (sensitive receptor: C598)			
** DISCCART	406887.497425149	3758387.50109513	383.80	1.50
** receptor	=B640+1 (sensitive receptor: C599)			
** DISCCART	406887.497425149	3758362.50618277	383.40	1.50
** receptor	=B641+1 (sensitive receptor: C600)			
** DISCCART	406887.497425149	3758337.50127244	380.50	1.50
** receptor	=B642+1 (sensitive receptor: C601)			
** DISCCART	406887.497425149	3758312.50636009	370.50	1.50
** receptor	=B643+1 (sensitive receptor: C602)			
** DISCCART	406887.497425149	3758287.50144976	358.20	1.50
** receptor	=B644+1 (sensitive receptor: C603)			
** DISCCART	406887.497425149	3758262.50653741	360.10	1.50
** receptor	=B645+1 (sensitive receptor: C604)			
** DISCCART	406887.497425149	3758237.50162708	363.40	1.50
** receptor	=B646+1 (sensitive receptor: C605)			
** DISCCART	406887.497425149	3758212.50671473	366.60	1.50
** receptor	=B647+1 (sensitive receptor: C606)			
** DISCCART	406887.497425149	3758187.5018044	365.90	1.50
** receptor	=B648+1 (sensitive receptor: C607)			
** DISCCART	406887.497425149	3758162.50689204	365.90	1.50
** receptor	=B649+1 (sensitive receptor: C608)			
** DISCCART	406887.497425149	3758137.50198172	366.60	1.50
** receptor	=B650+1 (sensitive receptor: C609)			
** DISCCART	406912.498825054	3758512.50565081	376.10	1.50
** receptor	=B651+1 (sensitive receptor: C610)			
** DISCCART	406912.498825054	3758487.50074049	377.20	1.50
** receptor	=B652+1 (sensitive receptor: C611)			
** DISCCART	406912.498825054	3758462.50582813	377.20	1.50
** receptor	=B653+1 (sensitive receptor: C612)			
** DISCCART	406912.498825054	3758437.50091781	380.50	1.50
** receptor	=B654+1 (sensitive receptor: C613)			
** DISCCART	406912.498825054	3758412.50600545	385.50	1.50
** receptor	=B655+1 (sensitive receptor: C614)			
** DISCCART	406912.498825054	3758387.50109513	387.00	1.50
** receptor	=B656+1 (sensitive receptor: C615)			
** DISCCART	406912.498825054	3758362.50618277	383.80	1.50
** receptor	=B657+1 (sensitive receptor: C616)			
** DISCCART	406912.498825054	3758337.50127244	380.40	1.50
** receptor	=B658+1 (sensitive receptor: C617)			
** DISCCART	406912.498825054	3758312.50636009	366.30	1.50
** receptor	=B659+1 (sensitive receptor: C618)			
** DISCCART	406912.498825054	3758287.50144976	357.60	1.50
** receptor	=B660+1 (sensitive receptor: C619)			
** DISCCART	406912.498825054	3758262.50653741	367.20	1.50
** receptor	=B661+1 (sensitive receptor: C620)			
** DISCCART	406912.498825054	3758237.50162708	375.80	1.50
** receptor	=B662+1 (sensitive receptor: C621)			
** DISCCART	406912.498825054	3758212.50671473	376.90	1.50
** receptor	=B663+1 (sensitive receptor: C622)			
** DISCCART	406912.498825054	3758187.5018044	375.80	1.50
** receptor	=B664+1 (sensitive receptor: C623)			
** DISCCART	406912.498825054	3758162.50689204	375.80	1.50
** receptor	=B665+1 (sensitive receptor: C624)			
** DISCCART	406912.498825054	3758137.50198172	375.80	1.50
** receptor	=B666+1 (sensitive receptor: C625)			
** DISCCART	406937.50022496	3758512.50565081	380.50	1.50
** receptor	=B667+1 (sensitive receptor: C626)			
** DISCCART	406937.50022496	3758487.50074049	380.50	1.50
** receptor	=B668+1 (sensitive receptor: C627)			
** DISCCART	406937.50022496	3758462.50582813	380.10	1.50
** receptor	=B669+1 (sensitive receptor: C628)			

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DISCCART 406937.50022496 3758437.50091781 380.60 1.50
 ** receptor =B670+1 (sensitive receptor: C629)
 DISCCART 406937.50022496 3758412.50600545 386.70 1.50
 ** receptor =B671+1 (sensitive receptor: C630)
 DISCCART 406937.50022496 3758387.50109513 387.00 1.50
 ** receptor =B672+1 (sensitive receptor: C631)
 DISCCART 406937.50022496 3758362.50618277 383.80 1.50
 ** receptor =B673+1 (sensitive receptor: C632)
 DISCCART 406937.50022496 3758337.50127244 377.80 1.50
 ** receptor =B674+1 (sensitive receptor: C633)
 DISCCART 406937.50022496 3758312.50636009 367.00 1.50
 ** receptor =B675+1 (sensitive receptor: C634)
 DISCCART 406937.50022496 3758287.50144976 371.90 1.50
 ** receptor =B676+1 (sensitive receptor: C635)
 DISCCART 406937.50022496 3758262.50653741 381.10 1.50
 ** receptor =B677+1 (sensitive receptor: C636)
 DISCCART 406937.50022496 3758237.50162708 389.70 1.50
 ** receptor =B678+1 (sensitive receptor: C637)
 DISCCART 406937.50022496 3758212.50671473 392.20 1.50
 ** receptor =B679+1 (sensitive receptor: C638)
 DISCCART 406937.50022496 3758187.5018044 392.20 1.50
 ** receptor =B680+1 (sensitive receptor: C639)
 DISCCART 406937.50022496 3758162.50689204 390.10 1.50
 ** receptor =B681+1 (sensitive receptor: C640)
 DISCCART 406937.50022496 3758137.50198172 386.30 1.50
 ** receptor =B682+1 (sensitive receptor: C641)
 DISCCART 406962.501624865 3758512.50565081 388.90 1.50
 ** receptor =B683+1 (sensitive receptor: C642)
 DISCCART 406962.501624865 3758487.50074049 388.90 1.50
 ** receptor =B684+1 (sensitive receptor: C643)
 DISCCART 406962.501624865 3758462.50582813 388.90 1.50
 ** receptor =B685+1 (sensitive receptor: C644)
 DISCCART 406962.501624865 3758437.50091781 388.00 1.50
 ** receptor =B686+1 (sensitive receptor: C645)
 DISCCART 406962.501624865 3758412.50600545 391.20 1.50
 ** receptor =B687+1 (sensitive receptor: C646)
 DISCCART 406962.501624865 3758387.50109513 390.20 1.50
 ** receptor =B688+1 (sensitive receptor: C647)
 DISCCART 406962.501624865 3758362.50618277 381.60 1.50
 ** receptor =B689+1 (sensitive receptor: C648)
 DISCCART 406962.501624865 3758337.50127244 377.10 1.50
 ** receptor =B690+1 (sensitive receptor: C649)
 DISCCART 406962.501624865 3758312.50636009 377.80 1.50
 ** receptor =B691+1 (sensitive receptor: C650)
 DISCCART 406962.501624865 3758287.50144976 384.80 1.50
 ** receptor =B692+1 (sensitive receptor: C651)
 DISCCART 406962.501624865 3758262.50653741 397.20 1.50
 ** receptor =B693+1 (sensitive receptor: C652)
 DISCCART 406962.501624865 3758237.50162708 401.10 1.50
 ** receptor =B694+1 (sensitive receptor: C653)
 DISCCART 406962.501624865 3758212.50671473 402.20 1.50
 ** receptor =B695+1 (sensitive receptor: C654)
 DISCCART 406962.501624865 3758187.5018044 403.40 1.50
 ** receptor =B696+1 (sensitive receptor: C655)
 DISCCART 406962.501624865 3758162.50689204 398.40 1.50
 ** receptor =B697+1 (sensitive receptor: C656)
 DISCCART 406962.501624865 3758137.50198172 390.20 1.50
 ** receptor =B698+1 (sensitive receptor: C657)
 DISCCART 406987.503024771 3758512.50565081 399.10 1.50
 ** receptor =B699+1 (sensitive receptor: C658)
 DISCCART 406987.503024771 3758487.50074049 399.40 1.50
 ** receptor =B700+1 (sensitive receptor: C659)
 DISCCART 406987.503024771 3758462.50582813 396.20 1.50
 ** receptor =B701+1 (sensitive receptor: C660)
 DISCCART 406987.503024771 3758437.50091781 396.20 1.50
 ** receptor =B702+1 (sensitive receptor: C661)
 DISCCART 406987.503024771 3758412.50600545 394.80 1.50
 ** receptor =B703+1 (sensitive receptor: C662)
 DISCCART 406987.503024771 3758387.50109513 390.20 1.50
 ** receptor =B704+1 (sensitive receptor: C663)
 DISCCART 406987.503024771 3758362.50618277 380.50 1.50
 ** receptor =B705+1 (sensitive receptor: C664)
 DISCCART 406987.503024771 3758337.50127244 377.20 1.50
 ** receptor =B706+1 (sensitive receptor: C665)
 DISCCART 406987.503024771 3758312.50636009 378.90 1.50
 ** receptor =B707+1 (sensitive receptor: C666)

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** receptor	DISCCART	406987.503024771	3758287.50144976	390.50	1.50
** receptor	=B708+1 (sensitive receptor: C667)				
** receptor	DISCCART	406987.503024771	3758262.50653741	403.10	1.50
** receptor	=B709+1 (sensitive receptor: C668)				
** receptor	DISCCART	406987.503024771	3758237.50162708	403.40	1.50
** receptor	=B710+1 (sensitive receptor: C669)				
** receptor	DISCCART	406987.503024771	3758212.50671473	403.80	1.50
** receptor	=B711+1 (sensitive receptor: C670)				
** receptor	DISCCART	406987.503024771	3758187.5018044	400.80	1.50
** receptor	=B712+1 (sensitive receptor: C671)				
** receptor	DISCCART	406987.503024771	3758162.50689204	391.30	1.50
** receptor	=B713+1 (sensitive receptor: C672)				
** receptor	DISCCART	406987.503024771	3758137.50198172	381.10	1.50
** receptor	=B714+1 (sensitive receptor: C673)				
** receptor	DISCCART	407012.504424677	3758512.50565081	403.40	1.50
** receptor	=B715+1 (sensitive receptor: C674)				
** receptor	DISCCART	407012.504424677	3758487.50074049	403.40	1.50
** receptor	=B716+1 (sensitive receptor: C675)				
** receptor	DISCCART	407012.504424677	3758462.50582813	403.40	1.50
** receptor	=B717+1 (sensitive receptor: C676)				
** receptor	DISCCART	407012.504424677	3758437.50091781	401.10	1.50
** receptor	=B718+1 (sensitive receptor: C677)				
** receptor	DISCCART	407012.504424677	3758412.50600545	398.40	1.50
** receptor	=B719+1 (sensitive receptor: C678)				
** receptor	DISCCART	407012.504424677	3758387.50109513	393.50	1.50
** receptor	=B720+1 (sensitive receptor: C679)				
** receptor	DISCCART	407012.504424677	3758362.50618277	387.70	1.50
** receptor	=B721+1 (sensitive receptor: C680)				
** receptor	DISCCART	407012.504424677	3758337.50127244	388.90	1.50
** receptor	=B722+1 (sensitive receptor: C681)				
** receptor	DISCCART	407012.504424677	3758312.50636009	388.90	1.50
** receptor	=B723+1 (sensitive receptor: C682)				
** receptor	DISCCART	407012.504424677	3758287.50144976	397.90	1.50
** receptor	=B724+1 (sensitive receptor: C683)				
** receptor	DISCCART	407012.504424677	3758262.50653741	402.50	1.50
** receptor	=B725+1 (sensitive receptor: C684)				
** receptor	DISCCART	407012.504424677	3758237.50162708	400.20	1.50
** receptor	=B726+1 (sensitive receptor: C685)				
** receptor	DISCCART	407012.504424677	3758212.50671473	398.40	1.50
** receptor	=B727+1 (sensitive receptor: C686)				
** receptor	DISCCART	407012.504424677	3758187.5018044	390.20	1.50
** receptor	=B728+1 (sensitive receptor: C687)				
** receptor	DISCCART	407012.504424677	3758162.50689204	379.30	1.50
** receptor	=B729+1 (sensitive receptor: C688)				
** receptor	DISCCART	407012.504424677	3758137.50198172	379.00	1.50
** receptor	=B730+1 (sensitive receptor: C689)				
** receptor	DISCCART	407037.497578738	3758512.50565081	404.80	1.50
** receptor	=B731+1 (sensitive receptor: C690)				
** receptor	DISCCART	407037.497578738	3758487.50074049	406.70	1.50
** receptor	=B732+1 (sensitive receptor: C691)				
** receptor	DISCCART	407037.497578738	3758462.50582813	406.30	1.50
** receptor	=B733+1 (sensitive receptor: C692)				
** receptor	DISCCART	407037.497578738	3758437.50091781	405.90	1.50
** receptor	=B734+1 (sensitive receptor: C693)				
** receptor	DISCCART	407037.497578738	3758412.50600545	403.10	1.50
** receptor	=B735+1 (sensitive receptor: C694)				
** receptor	DISCCART	407037.497578738	3758387.50109513	399.40	1.50
** receptor	=B736+1 (sensitive receptor: C695)				
** receptor	DISCCART	407037.497578738	3758362.50618277	399.40	1.50
** receptor	=B737+1 (sensitive receptor: C696)				
** receptor	DISCCART	407037.497578738	3758337.50127244	402.70	1.50
** receptor	=B738+1 (sensitive receptor: C697)				
** receptor	DISCCART	407037.497578738	3758312.50636009	402.70	1.50
** receptor	=B739+1 (sensitive receptor: C698)				
** receptor	DISCCART	407037.497578738	3758287.50144976	402.70	1.50
** receptor	=B740+1 (sensitive receptor: C699)				
** receptor	DISCCART	407037.497578738	3758262.50653741	400.20	1.50
** receptor	=B741+1 (sensitive receptor: C700)				
** receptor	DISCCART	407037.497578738	3758237.50162708	397.60	1.50
** receptor	=B742+1 (sensitive receptor: C701)				
** receptor	DISCCART	407037.497578738	3758212.50671473	396.50	1.50
** receptor	=B743+1 (sensitive receptor: C702)				
** receptor	DISCCART	407037.497578738	3758187.5018044	398.00	1.50
** receptor	=B744+1 (sensitive receptor: C703)				
** receptor	DISCCART	407037.497578738	3758162.50689204	398.70	1.50
** receptor	=B745+1 (sensitive receptor: C704)				

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** DISCCART	407037.497578738	3758137.50198172	398.70	1.50
** receptor	=B746+1 (sensitive receptor: C705)			
** DISCCART	407062.498978644	3758512.50565081	406.10	1.50
** receptor	=B747+1 (sensitive receptor: C706)			
** DISCCART	407062.498978644	3758487.50074049	410.90	1.50
** receptor	=B748+1 (sensitive receptor: C707)			
** DISCCART	407062.498978644	3758462.50582813	410.90	1.50
** receptor	=B749+1 (sensitive receptor: C708)			
** DISCCART	407062.498978644	3758437.50091781	410.80	1.50
** receptor	=B750+1 (sensitive receptor: C709)			
** DISCCART	407062.498978644	3758412.50600545	407.60	1.50
** receptor	=B751+1 (sensitive receptor: C710)			
** DISCCART	407062.498978644	3758387.50109513	404.40	1.50
** receptor	=B752+1 (sensitive receptor: C711)			
** DISCCART	407062.498978644	3758362.50618277	404.40	1.50
** receptor	=B753+1 (sensitive receptor: C712)			
** DISCCART	407062.498978644	3758337.50127244	406.70	1.50
** receptor	=B754+1 (sensitive receptor: C713)			
** DISCCART	407062.498978644	3758312.50636009	406.70	1.50
** receptor	=B755+1 (sensitive receptor: C714)			
** DISCCART	407062.498978644	3758287.50144976	404.30	1.50
** receptor	=B756+1 (sensitive receptor: C715)			
** DISCCART	407062.498978644	3758262.50653741	402.20	1.50
** receptor	=B757+1 (sensitive receptor: C716)			
** DISCCART	407062.498978644	3758237.50162708	400.20	1.50
** receptor	=B758+1 (sensitive receptor: C717)			
** DISCCART	407062.498978644	3758212.50671473	402.30	1.50
** receptor	=B759+1 (sensitive receptor: C718)			
** DISCCART	407062.498978644	3758187.5018044	403.40	1.50
** receptor	=B760+1 (sensitive receptor: C719)			
** DISCCART	407062.498978644	3758162.50689204	403.40	1.50
** receptor	=B761+1 (sensitive receptor: C720)			
** DISCCART	407062.498978644	3758137.50198172	403.40	1.50
** receptor	=B762+1 (sensitive receptor: C721)			
** DISCCART	407087.500378549	3758512.50565081	414.30	1.50
** receptor	=B763+1 (sensitive receptor: C722)			
** DISCCART	407087.500378549	3758487.50074049	416.60	1.50
** receptor	=B764+1 (sensitive receptor: C723)			
** DISCCART	407087.500378549	3758462.50582813	419.10	1.50
** receptor	=B765+1 (sensitive receptor: C724)			
** DISCCART	407087.500378549	3758437.50091781	416.50	1.50
** receptor	=B766+1 (sensitive receptor: C725)			
** DISCCART	407087.500378549	3758412.50600545	414.50	1.50
** receptor	=B767+1 (sensitive receptor: C726)			
** DISCCART	407087.500378549	3758387.50109513	412.60	1.50
** receptor	=B768+1 (sensitive receptor: C727)			
** DISCCART	407087.500378549	3758362.50618277	412.60	1.50
** receptor	=B769+1 (sensitive receptor: C728)			
** DISCCART	407087.500378549	3758337.50127244	412.60	1.50
** receptor	=B770+1 (sensitive receptor: C729)			
** DISCCART	407087.500378549	3758312.50636009	412.60	1.50
** receptor	=B771+1 (sensitive receptor: C730)			
** DISCCART	407087.500378549	3758287.50144976	412.50	1.50
** receptor	=B772+1 (sensitive receptor: C731)			
** DISCCART	407087.500378549	3758262.50653741	409.30	1.50
** receptor	=B773+1 (sensitive receptor: C732)			
** DISCCART	407087.500378549	3758237.50162708	406.00	1.50
** receptor	=B774+1 (sensitive receptor: C733)			
** DISCCART	407087.500378549	3758212.50671473	406.00	1.50
** receptor	=B775+1 (sensitive receptor: C734)			
** DISCCART	407087.500378549	3758187.5018044	406.70	1.50
** receptor	=B776+1 (sensitive receptor: C735)			
** DISCCART	407087.500378549	3758162.50689204	406.70	1.50
** receptor	=B777+1 (sensitive receptor: C736)			
** DISCCART	407087.500378549	3758137.50198172	406.70	1.50
** receptor	=B778+1 (sensitive receptor: C737)			
** DISCCART	407112.501778455	3758512.50565081	419.20	1.50
** receptor	=B779+1 (sensitive receptor: C738)			
** DISCCART	407112.501778455	3758487.50074049	424.00	1.50
** receptor	=B780+1 (sensitive receptor: C739)			
** DISCCART	407112.501778455	3758462.50582813	424.00	1.50
** receptor	=B781+1 (sensitive receptor: C740)			
** DISCCART	407112.501778455	3758437.50091781	424.00	1.50
** receptor	=B782+1 (sensitive receptor: C741)			
** DISCCART	407112.501778455	3758412.50600545	420.30	1.50
** receptor	=B783+1 (sensitive receptor: C742)			

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** DISCCART	407112.501778455	3758387.50109513	416.60	1.50
** receptor	=B784+1 (sensitive receptor: C743)			
** DISCCART	407112.501778455	3758362.50618277	416.60	1.50
** receptor	=B785+1 (sensitive receptor: C744)			
** DISCCART	407112.501778455	3758337.50127244	416.60	1.50
** receptor	=B786+1 (sensitive receptor: C745)			
** DISCCART	407112.501778455	3758312.50636009	417.00	1.50
** receptor	=B787+1 (sensitive receptor: C746)			
** DISCCART	407112.501778455	3758287.50144976	417.50	1.50
** receptor	=B788+1 (sensitive receptor: C747)			
** DISCCART	407112.501778455	3758262.50653741	417.00	1.50
** receptor	=B789+1 (sensitive receptor: C748)			
** DISCCART	407112.501778455	3758237.50162708	414.20	1.50
** receptor	=B790+1 (sensitive receptor: C749)			
** DISCCART	407112.501778455	3758212.50671473	413.70	1.50
** receptor	=B791+1 (sensitive receptor: C750)			
** DISCCART	407112.501778455	3758187.5018044	413.30	1.50
** receptor	=B792+1 (sensitive receptor: C751)			
** DISCCART	407112.501778455	3758162.50689204	410.90	1.50
** receptor	=B793+1 (sensitive receptor: C752)			
** DISCCART	407112.501778455	3758137.50198172	407.50	1.50
** receptor	=B794+1 (sensitive receptor: C753)			
** DISCCART	407137.50317836	3758512.50565081	427.40	1.50
** receptor	=B795+1 (sensitive receptor: C754)			
** DISCCART	407137.50317836	3758487.50074049	434.90	1.50
** receptor	=B796+1 (sensitive receptor: C755)			
** DISCCART	407137.50317836	3758462.50582813	435.20	1.50
** receptor	=B797+1 (sensitive receptor: C756)			
** DISCCART	407137.50317836	3758437.50091781	429.00	1.50
** receptor	=B798+1 (sensitive receptor: C757)			
** DISCCART	407137.50317836	3758412.50600545	426.00	1.50
** receptor	=B799+1 (sensitive receptor: C758)			
** DISCCART	407137.50317836	3758387.50109513	422.30	1.50
** receptor	=B800+1 (sensitive receptor: C759)			
** DISCCART	407137.50317836	3758362.50618277	419.80	1.50
** receptor	=B801+1 (sensitive receptor: C760)			
** DISCCART	407137.50317836	3758337.50127244	422.40	1.50
** receptor	=B802+1 (sensitive receptor: C761)			
** DISCCART	407137.50317836	3758312.50636009	422.40	1.50
** receptor	=B803+1 (sensitive receptor: C762)			
** DISCCART	407137.50317836	3758287.50144976	425.70	1.50
** receptor	=B804+1 (sensitive receptor: C763)			
** DISCCART	407137.50317836	3758262.50653741	422.70	1.50
** receptor	=B805+1 (sensitive receptor: C764)			
** DISCCART	407137.50317836	3758237.50162708	422.30	1.50
** receptor	=B806+1 (sensitive receptor: C765)			
** DISCCART	407137.50317836	3758212.50671473	417.80	1.50
** receptor	=B807+1 (sensitive receptor: C766)			
** DISCCART	407137.50317836	3758187.5018044	419.10	1.50
** receptor	=B808+1 (sensitive receptor: C767)			
** DISCCART	407137.50317836	3758162.50689204	419.10	1.50
** receptor	=B809+1 (sensitive receptor: C768)			
** DISCCART	407137.50317836	3758137.50198172	415.70	1.50
** receptor	=B810+1 (sensitive receptor: C769)			
** DISCCART	407162.496332422	3758512.50565081	434.40	1.50
** receptor	=B811+1 (sensitive receptor: C770)			
** DISCCART	407162.496332422	3758487.50074049	441.60	1.50
** receptor	=B812+1 (sensitive receptor: C771)			
** DISCCART	407162.496332422	3758462.50582813	446.20	1.50
** receptor	=B813+1 (sensitive receptor: C772)			
** DISCCART	407162.496332422	3758437.50091781	437.10	1.50
** receptor	=B814+1 (sensitive receptor: C773)			
** DISCCART	407162.496332422	3758412.50600545	432.20	1.50
** receptor	=B815+1 (sensitive receptor: C774)			
** DISCCART	407162.496332422	3758387.50109513	430.50	1.50
** receptor	=B816+1 (sensitive receptor: C775)			
** DISCCART	407162.496332422	3758362.50618277	427.30	1.50
** receptor	=B817+1 (sensitive receptor: C776)			
** DISCCART	407162.496332422	3758337.50127244	427.30	1.50
** receptor	=B818+1 (sensitive receptor: C777)			
** DISCCART	407162.496332422	3758312.50636009	430.60	1.50
** receptor	=B819+1 (sensitive receptor: C778)			
** DISCCART	407162.496332422	3758287.50144976	430.60	1.50
** receptor	=B820+1 (sensitive receptor: C779)			
** DISCCART	407162.496332422	3758262.50653741	430.60	1.50
** receptor	=B821+1 (sensitive receptor: C780)			

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** receptor	DISCCART	407162.496332422	3758237.50162708	431.50	1.50
** receptor	=B822+1 (sensitive receptor: C781)				
** receptor	DISCCART	407162.496332422	3758212.50671473	432.00	1.50
** receptor	=B823+1 (sensitive receptor: C782)				
** receptor	DISCCART	407162.496332422	3758187.5018044	432.40	1.50
** receptor	=B824+1 (sensitive receptor: C783)				
** receptor	DISCCART	407162.496332422	3758162.50689204	431.50	1.50
** receptor	=B825+1 (sensitive receptor: C784)				
** receptor	DISCCART	407162.496332422	3758137.50198172	424.90	1.50
** receptor	=B826+1 (sensitive receptor: C785)				
** receptor	DISCCART	407187.497732327	3758512.50565081	459.60	1.50
** receptor	=B827+1 (sensitive receptor: C786)				
** receptor	DISCCART	407187.497732327	3758487.50074049	465.00	1.50
** receptor	=B828+1 (sensitive receptor: C787)				
** receptor	DISCCART	407187.497732327	3758462.50582813	457.10	1.50
** receptor	=B829+1 (sensitive receptor: C788)				
** receptor	DISCCART	407187.497732327	3758437.50091781	447.90	1.50
** receptor	=B830+1 (sensitive receptor: C789)				
** receptor	DISCCART	407187.497732327	3758412.50600545	439.10	1.50
** receptor	=B831+1 (sensitive receptor: C790)				
** receptor	DISCCART	407187.497732327	3758387.50109513	435.50	1.50
** receptor	=B832+1 (sensitive receptor: C791)				
** receptor	DISCCART	407187.497732327	3758362.50618277	435.50	1.50
** receptor	=B833+1 (sensitive receptor: C792)				
** receptor	DISCCART	407187.497732327	3758337.50127244	435.50	1.50
** receptor	=B834+1 (sensitive receptor: C793)				
** receptor	DISCCART	407187.497732327	3758312.50636009	435.90	1.50
** receptor	=B835+1 (sensitive receptor: C794)				
** receptor	DISCCART	407187.497732327	3758287.50144976	438.80	1.50
** receptor	=B836+1 (sensitive receptor: C795)				
** receptor	DISCCART	407187.497732327	3758262.50653741	439.20	1.50
** receptor	=B837+1 (sensitive receptor: C796)				
** receptor	DISCCART	407187.497732327	3758237.50162708	442.10	1.50
** receptor	=B838+1 (sensitive receptor: C797)				
** receptor	DISCCART	407187.497732327	3758212.50671473	446.70	1.50
** receptor	=B839+1 (sensitive receptor: C798)				
** receptor	DISCCART	407187.497732327	3758187.5018044	451.20	1.50
** receptor	=B840+1 (sensitive receptor: C799)				
** receptor	DISCCART	407187.497732327	3758162.50689204	449.10	1.50
** receptor	=B841+1 (sensitive receptor: C800)				
** receptor	DISCCART	407187.497732327	3758137.50198172	441.30	1.50
** receptor	=B842+1 (sensitive receptor: C801)				
** receptor	DISCCART	407212.499132233	3758512.50565081	465.80	1.50
** receptor	=B843+1 (sensitive receptor: C802)				
** receptor	DISCCART	407212.499132233	3758487.50074049	466.70	1.50
** receptor	=B844+1 (sensitive receptor: C803)				
** receptor	DISCCART	407212.499132233	3758462.50582813	462.90	1.50
** receptor	=B845+1 (sensitive receptor: C804)				
** receptor	DISCCART	407212.499132233	3758437.50091781	462.40	1.50
** receptor	=B846+1 (sensitive receptor: C805)				
** receptor	DISCCART	407212.499132233	3758412.50600545	451.90	1.50
** receptor	=B847+1 (sensitive receptor: C806)				
** receptor	DISCCART	407212.499132233	3758387.50109513	443.70	1.50
** receptor	=B848+1 (sensitive receptor: C807)				
** receptor	DISCCART	407212.499132233	3758362.50618277	443.20	1.50
** receptor	=B849+1 (sensitive receptor: C808)				
** receptor	DISCCART	407212.499132233	3758337.50127244	442.80	1.50
** receptor	=B850+1 (sensitive receptor: C809)				
** receptor	DISCCART	407212.499132233	3758312.50636009	443.20	1.50
** receptor	=B851+1 (sensitive receptor: C810)				
** receptor	DISCCART	407212.499132233	3758287.50144976	443.70	1.50
** receptor	=B852+1 (sensitive receptor: C811)				
** receptor	DISCCART	407212.499132233	3758262.50653741	446.60	1.50
** receptor	=B853+1 (sensitive receptor: C812)				
** receptor	DISCCART	407212.499132233	3758237.50162708	449.50	1.50
** receptor	=B854+1 (sensitive receptor: C813)				
** receptor	DISCCART	407212.499132233	3758212.50671473	458.60	1.50
** receptor	=B855+1 (sensitive receptor: C814)				
** receptor	DISCCART	407212.499132233	3758187.5018044	462.50	1.50
** receptor	=B856+1 (sensitive receptor: C815)				
** receptor	DISCCART	407212.499132233	3758162.50689204	460.80	1.50
** receptor	=B857+1 (sensitive receptor: C816)				
** receptor	DISCCART	407212.499132233	3758137.50198172	449.20	1.50
** receptor	=B858+1 (sensitive receptor: C817)				
** receptor	DISCCART	407237.500532139	3758512.50565081	469.00	1.50
** receptor	=B859+1 (sensitive receptor: C818)				

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** DISCCART	407237.500532139	3758487.50074049	471.60	1.50
** receptor	=B860+1 (sensitive receptor: C819)			
** DISCCART	407237.500532139	3758462.50582813	471.30	1.50
** receptor	=B861+1 (sensitive receptor: C820)			
** DISCCART	407237.500532139	3758437.50091781	468.30	1.50
** receptor	=B862+1 (sensitive receptor: C821)			
** DISCCART	407237.500532139	3758412.50600545	460.10	1.50
** receptor	=B863+1 (sensitive receptor: C822)			
** DISCCART	407237.500532139	3758387.50109513	451.90	1.50
** receptor	=B864+1 (sensitive receptor: C823)			
** DISCCART	407237.500532139	3758362.50618277	448.60	1.50
** receptor	=B865+1 (sensitive receptor: C824)			
** DISCCART	407237.500532139	3758337.50127244	448.60	1.50
** receptor	=B866+1 (sensitive receptor: C825)			
** DISCCART	407237.500532139	3758312.50636009	450.00	1.50
** receptor	=B867+1 (sensitive receptor: C826)			
** DISCCART	407237.500532139	3758287.50144976	451.90	1.50
** receptor	=B868+1 (sensitive receptor: C827)			
** DISCCART	407237.500532139	3758262.50653741	452.30	1.50
** receptor	=B869+1 (sensitive receptor: C828)			
** DISCCART	407237.500532139	3758237.50162708	452.70	1.50
** receptor	=B870+1 (sensitive receptor: C829)			
** DISCCART	407237.500532139	3758212.50671473	459.60	1.50
** receptor	=B871+1 (sensitive receptor: C830)			
** DISCCART	407237.500532139	3758187.5018044	459.90	1.50
** receptor	=B872+1 (sensitive receptor: C831)			
** DISCCART	407237.500532139	3758162.50689204	454.90	1.50
** receptor	=B873+1 (sensitive receptor: C832)			
** DISCCART	407237.500532139	3758137.50198172	446.70	1.50
** receptor	=B874+1 (sensitive receptor: C833)			
** DISCCART	407262.501932044	3758512.50565081	473.20	1.50
** receptor	=B875+1 (sensitive receptor: C834)			
** DISCCART	407262.501932044	3758487.50074049	475.60	1.50
** receptor	=B876+1 (sensitive receptor: C835)			
** DISCCART	407262.501932044	3758462.50582813	476.10	1.50
** receptor	=B877+1 (sensitive receptor: C836)			
** DISCCART	407262.501932044	3758437.50091781	479.90	1.50
** receptor	=B878+1 (sensitive receptor: C837)			
** DISCCART	407262.501932044	3758412.50600545	475.10	1.50
** receptor	=B879+1 (sensitive receptor: C838)			
** DISCCART	407262.501932044	3758387.50109513	459.10	1.50
** receptor	=B880+1 (sensitive receptor: C839)			
** DISCCART	407262.501932044	3758362.50618277	453.60	1.50
** receptor	=B881+1 (sensitive receptor: C840)			
** DISCCART	407262.501932044	3758337.50127244	453.60	1.50
** receptor	=B882+1 (sensitive receptor: C841)			
** DISCCART	407262.501932044	3758312.50636009	456.80	1.50
** receptor	=B883+1 (sensitive receptor: C842)			
** DISCCART	407262.501932044	3758287.50144976	456.90	1.50
** receptor	=B884+1 (sensitive receptor: C843)			
** DISCCART	407262.501932044	3758262.50653741	459.20	1.50
** receptor	=B885+1 (sensitive receptor: C844)			
** DISCCART	407262.501932044	3758237.50162708	456.80	1.50
** receptor	=B886+1 (sensitive receptor: C845)			
** DISCCART	407262.501932044	3758212.50671473	453.80	1.50
** receptor	=B887+1 (sensitive receptor: C846)			
** DISCCART	407262.501932044	3758187.5018044	451.70	1.50
** receptor	=B888+1 (sensitive receptor: C847)			
** DISCCART	407262.501932044	3758162.50689204	448.30	1.50
** receptor	=B889+1 (sensitive receptor: C848)			
** DISCCART	407262.501932044	3758137.50198172	441.80	1.50
** receptor	=B890+1 (sensitive receptor: C849)			
** DISCCART	407287.50333195	3758512.50565081	479.90	1.50
** receptor	=B891+1 (sensitive receptor: C850)			
** DISCCART	407287.50333195	3758487.50074049	478.20	1.50
** receptor	=B892+1 (sensitive receptor: C851)			
** DISCCART	407287.50333195	3758462.50582813	481.80	1.50
** receptor	=B893+1 (sensitive receptor: C852)			
** DISCCART	407287.50333195	3758437.50091781	484.70	1.50
** receptor	=B894+1 (sensitive receptor: C853)			
** DISCCART	407287.50333195	3758412.50600545	481.80	1.50
** receptor	=B895+1 (sensitive receptor: C854)			
** DISCCART	407287.50333195	3758387.50109513	467.40	1.50
** receptor	=B896+1 (sensitive receptor: C855)			
** DISCCART	407287.50333195	3758362.50618277	457.10	1.50
** receptor	=B897+1 (sensitive receptor: C856)			

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** DISCCART	407287.50333195	3758337.50127244	459.20	1.50
** receptor	=B898+1 (sensitive receptor: C857)			
** DISCCART	407287.50333195	3758312.50636009	461.80	1.50
** receptor	=B899+1 (sensitive receptor: C858)			
** DISCCART	407287.50333195	3758287.50144976	462.50	1.50
** receptor	=B900+1 (sensitive receptor: C859)			
** DISCCART	407287.50333195	3758262.50653741	462.50	1.50
** receptor	=B901+1 (sensitive receptor: C860)			
** DISCCART	407287.50333195	3758237.50162708	455.90	1.50
** receptor	=B902+1 (sensitive receptor: C861)			
** DISCCART	407287.50333195	3758212.50671473	445.80	1.50
** receptor	=B903+1 (sensitive receptor: C862)			
** DISCCART	407287.50333195	3758187.5018044	443.60	1.50
** receptor	=B904+1 (sensitive receptor: C863)			
** DISCCART	407287.50333195	3758162.50689204	445.70	1.50
** receptor	=B905+1 (sensitive receptor: C864)			
** DISCCART	407287.50333195	3758137.50198172	439.50	1.50
** receptor	=B906+1 (sensitive receptor: C865)			
** DISCCART	407312.496486011	3758512.50565081	492.30	1.50
** receptor	=B907+1 (sensitive receptor: C866)			
** DISCCART	407312.496486011	3758487.50074049	496.10	1.50
** receptor	=B908+1 (sensitive receptor: C867)			
** DISCCART	407312.496486011	3758462.50582813	491.20	1.50
** receptor	=B909+1 (sensitive receptor: C868)			
** DISCCART	407312.496486011	3758437.50091781	488.60	1.50
** receptor	=B910+1 (sensitive receptor: C869)			
** DISCCART	407312.496486011	3758412.50600545	485.40	1.50
** receptor	=B911+1 (sensitive receptor: C870)			
** DISCCART	407312.496486011	3758387.50109513	475.50	1.50
** receptor	=B912+1 (sensitive receptor: C871)			
** DISCCART	407312.496486011	3758362.50618277	461.20	1.50
** receptor	=B913+1 (sensitive receptor: C872)			
** DISCCART	407312.496486011	3758337.50127244	459.30	1.50
** receptor	=B914+1 (sensitive receptor: C873)			
** DISCCART	407312.496486011	3758312.50636009	462.00	1.50
** receptor	=B915+1 (sensitive receptor: C874)			
** DISCCART	407312.496486011	3758287.50144976	461.50	1.50
** receptor	=B916+1 (sensitive receptor: C875)			
** DISCCART	407312.496486011	3758262.50653741	456.60	1.50
** receptor	=B917+1 (sensitive receptor: C876)			
** DISCCART	407312.496486011	3758237.50162708	445.10	1.50
** receptor	=B918+1 (sensitive receptor: C877)			
** DISCCART	407312.496486011	3758212.50671473	438.60	1.50
** receptor	=B919+1 (sensitive receptor: C878)			
** DISCCART	407312.496486011	3758187.5018044	438.60	1.50
** receptor	=B920+1 (sensitive receptor: C879)			
** DISCCART	407312.496486011	3758162.50689204	442.80	1.50
** receptor	=B921+1 (sensitive receptor: C880)			
** DISCCART	407312.496486011	3758137.50198172	443.60	1.50
** receptor	=B922+1 (sensitive receptor: C881)			
** DISCCART	407337.497885917	3758512.50565081	502.80	1.50
** receptor	=B923+1 (sensitive receptor: C882)			
** DISCCART	407337.497885917	3758487.50074049	501.80	1.50
** receptor	=B924+1 (sensitive receptor: C883)			
** DISCCART	407337.497885917	3758462.50582813	496.80	1.50
** receptor	=B925+1 (sensitive receptor: C884)			
** DISCCART	407337.497885917	3758437.50091781	491.20	1.50
** receptor	=B926+1 (sensitive receptor: C885)			
** DISCCART	407337.497885917	3758412.50600545	485.40	1.50
** receptor	=B927+1 (sensitive receptor: C886)			
** DISCCART	407337.497885917	3758387.50109513	478.70	1.50
** receptor	=B928+1 (sensitive receptor: C887)			
** DISCCART	407337.497885917	3758362.50618277	460.80	1.50
** receptor	=B929+1 (sensitive receptor: C888)			
** DISCCART	407337.497885917	3758337.50127244	456.60	1.50
** receptor	=B930+1 (sensitive receptor: C889)			
** DISCCART	407337.497885917	3758312.50636009	453.70	1.50
** receptor	=B931+1 (sensitive receptor: C890)			
** DISCCART	407337.497885917	3758287.50144976	450.10	1.50
** receptor	=B932+1 (sensitive receptor: C891)			
** DISCCART	407337.497885917	3758262.50653741	445.50	1.50
** receptor	=B933+1 (sensitive receptor: C892)			
** DISCCART	407337.497885917	3758237.50162708	440.20	1.50
** receptor	=B934+1 (sensitive receptor: C893)			
** DISCCART	407337.497885917	3758212.50671473	434.50	1.50
** receptor	=B935+1 (sensitive receptor: C894)			

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** DISCCART	407337.497885917	3758187.5018044	433.80	1.50
** receptor	=B936+1 (sensitive receptor: C895)			
** DISCCART	407337.497885917	3758162.50689204	441.20	1.50
** receptor	=B937+1 (sensitive receptor: C896)			
** DISCCART	407337.497885917	3758137.50198172	442.90	1.50
** receptor	=B938+1 (sensitive receptor: C897)			
** DISCCART	407362.499285822	3758512.50565081	502.60	1.50
** receptor	=B939+1 (sensitive receptor: C898)			
** DISCCART	407362.499285822	3758487.50074049	501.80	1.50
** receptor	=B940+1 (sensitive receptor: C899)			
** DISCCART	407362.499285822	3758462.50582813	496.80	1.50
** receptor	=B941+1 (sensitive receptor: C900)			
** DISCCART	407362.499285822	3758437.50091781	490.90	1.50
** receptor	=B942+1 (sensitive receptor: C901)			
** DISCCART	407362.499285822	3758412.50600545	485.40	1.50
** receptor	=B943+1 (sensitive receptor: C902)			
** DISCCART	407362.499285822	3758387.50109513	478.80	1.50
** receptor	=B944+1 (sensitive receptor: C903)			
** DISCCART	407362.499285822	3758362.50618277	464.50	1.50
** receptor	=B945+1 (sensitive receptor: C904)			
** DISCCART	407362.499285822	3758337.50127244	456.80	1.50
** receptor	=B946+1 (sensitive receptor: C905)			
** DISCCART	407362.499285822	3758312.50636009	448.10	1.50
** receptor	=B947+1 (sensitive receptor: C906)			
** DISCCART	407362.499285822	3758287.50144976	441.90	1.50
** receptor	=B948+1 (sensitive receptor: C907)			
** DISCCART	407362.499285822	3758262.50653741	436.90	1.50
** receptor	=B949+1 (sensitive receptor: C908)			
** DISCCART	407362.499285822	3758237.50162708	424.60	1.50
** receptor	=B950+1 (sensitive receptor: C909)			
** DISCCART	407362.499285822	3758212.50671473	424.10	1.50
** receptor	=B951+1 (sensitive receptor: C910)			
** DISCCART	407362.499285822	3758187.5018044	421.30	1.50
** receptor	=B952+1 (sensitive receptor: C911)			
** DISCCART	407362.499285822	3758162.50689204	428.40	1.50
** receptor	=B953+1 (sensitive receptor: C912)			
** DISCCART	407362.499285822	3758137.50198172	434.50	1.50
** receptor	=B954+1 (sensitive receptor: C913)			
** DISCCART	407387.500685728	3758512.50565081	498.90	1.50
** receptor	=B955+1 (sensitive receptor: C914)			
** DISCCART	407387.500685728	3758487.50074049	499.30	1.50
** receptor	=B956+1 (sensitive receptor: C915)			
** DISCCART	407387.500685728	3758462.50582813	492.20	1.50
** receptor	=B957+1 (sensitive receptor: C916)			
** DISCCART	407387.500685728	3758437.50091781	483.60	1.50
** receptor	=B958+1 (sensitive receptor: C917)			
** DISCCART	407387.500685728	3758412.50600545	482.50	1.50
** receptor	=B959+1 (sensitive receptor: C918)			
** DISCCART	407387.500685728	3758387.50109513	478.80	1.50
** receptor	=B960+1 (sensitive receptor: C919)			
** DISCCART	407387.500685728	3758362.50618277	467.30	1.50
** receptor	=B961+1 (sensitive receptor: C920)			
** DISCCART	407387.500685728	3758337.50127244	462.40	1.50
** receptor	=B962+1 (sensitive receptor: C921)			
** DISCCART	407387.500685728	3758312.50636009	451.80	1.50
** receptor	=B963+1 (sensitive receptor: C922)			
** DISCCART	407387.500685728	3758287.50144976	442.00	1.50
** receptor	=B964+1 (sensitive receptor: C923)			
** DISCCART	407387.500685728	3758262.50653741	430.80	1.50
** receptor	=B965+1 (sensitive receptor: C924)			
** DISCCART	407387.500685728	3758237.50162708	419.80	1.50
** receptor	=B966+1 (sensitive receptor: C925)			
** DISCCART	407387.500685728	3758212.50671473	408.90	1.50
** receptor	=B967+1 (sensitive receptor: C926)			
** DISCCART	407387.500685728	3758187.5018044	394.30	1.50
** receptor	=B968+1 (sensitive receptor: C927)			
** DISCCART	407387.500685728	3758162.50689204	394.70	1.50
** receptor	=B969+1 (sensitive receptor: C928)			
** DISCCART	407387.500685728	3758137.50198172	398.00	1.50
** receptor	=B970+1 (sensitive receptor: C929)			
** DISCCART	407412.502085634	3758512.50565081	496.20	1.50
** receptor	=B971+1 (sensitive receptor: C930)			
** DISCCART	407412.502085634	3758487.50074049	495.20	1.50
** receptor	=B972+1 (sensitive receptor: C931)			
** DISCCART	407412.502085634	3758462.50582813	487.40	1.50
** receptor	=B973+1 (sensitive receptor: C932)			

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** DISCCART	407412.502085634	3758437.50091781	478.80	1.50
** receptor	=B974+1 (sensitive receptor: C933)			
** DISCCART	407412.502085634	3758412.50600545	475.60	1.50
** receptor	=B975+1 (sensitive receptor: C934)			
** DISCCART	407412.502085634	3758387.50109513	475.60	1.50
** receptor	=B976+1 (sensitive receptor: C935)			
** DISCCART	407412.502085634	3758362.50618277	468.90	1.50
** receptor	=B977+1 (sensitive receptor: C936)			
** DISCCART	407412.502085634	3758337.50127244	462.40	1.50
** receptor	=B978+1 (sensitive receptor: C937)			
** DISCCART	407412.502085634	3758312.50636009	458.40	1.50
** receptor	=B979+1 (sensitive receptor: C938)			
** DISCCART	407412.502085634	3758287.50144976	447.80	1.50
** receptor	=B980+1 (sensitive receptor: C939)			
** DISCCART	407412.502085634	3758262.50653741	438.20	1.50
** receptor	=B981+1 (sensitive receptor: C940)			
** DISCCART	407412.502085634	3758237.50162708	424.90	1.50
** receptor	=B982+1 (sensitive receptor: C941)			
** DISCCART	407412.502085634	3758212.50671473	411.40	1.50
** receptor	=B983+1 (sensitive receptor: C942)			
** DISCCART	407412.502085634	3758187.5018044	399.60	1.50
** receptor	=B984+1 (sensitive receptor: C943)			
** DISCCART	407412.502085634	3758162.50689204	395.00	1.50
** receptor	=B985+1 (sensitive receptor: C944)			
** DISCCART	407412.502085634	3758137.50198172	390.30	1.50
** receptor	=B986+1 (sensitive receptor: C945)			
** DISCCART	407437.495239695	3758512.50565081	503.70	1.50
** receptor	=B987+1 (sensitive receptor: C946)			
** DISCCART	407437.495239695	3758487.50074049	503.70	1.50
** receptor	=B988+1 (sensitive receptor: C947)			
** DISCCART	407437.495239695	3758462.50582813	503.30	1.50
** receptor	=B989+1 (sensitive receptor: C948)			
** DISCCART	407437.495239695	3758437.50091781	494.10	1.50
** receptor	=B990+1 (sensitive receptor: C949)			
** DISCCART	407437.495239695	3758412.50600545	482.30	1.50
** receptor	=B991+1 (sensitive receptor: C950)			
** DISCCART	407437.495239695	3758387.50109513	475.50	1.50
** receptor	=B992+1 (sensitive receptor: C951)			
** DISCCART	407437.495239695	3758362.50618277	469.00	1.50
** receptor	=B993+1 (sensitive receptor: C952)			
** DISCCART	407437.495239695	3758337.50127244	465.80	1.50
** receptor	=B994+1 (sensitive receptor: C953)			
** DISCCART	407437.495239695	3758312.50636009	462.10	1.50
** receptor	=B995+1 (sensitive receptor: C954)			
** DISCCART	407437.495239695	3758287.50144976	458.40	1.50
** receptor	=B996+1 (sensitive receptor: C955)			
** DISCCART	407437.495239695	3758262.50653741	442.80	1.50
** receptor	=B997+1 (sensitive receptor: C956)			
** DISCCART	407437.495239695	3758237.50162708	432.20	1.50
** receptor	=B998+1 (sensitive receptor: C957)			
** DISCCART	407437.495239695	3758212.50671473	427.20	1.50
** receptor	=B999+1 (sensitive receptor: C958)			
** DISCCART	407437.495239695	3758187.5018044	424.90	1.50
** receptor	=B1000+1 (sensitive receptor: C959)			
** DISCCART	407437.495239695	3758162.50689204	420.00	1.50
** receptor	=B1001+1 (sensitive receptor: C960)			
** DISCCART	407437.495239695	3758137.50198172	409.50	1.50
** receptor	=B1002+1 (sensitive receptor: C961)			
** DISCCART	407462.4966396	3758512.50565081	519.20	1.50
** receptor	=B1003+1 (sensitive receptor: C962)			
** DISCCART	407462.4966396	3758487.50074049	519.20	1.50
** receptor	=B1004+1 (sensitive receptor: C963)			
** DISCCART	407462.4966396	3758462.50582813	522.90	1.50
** receptor	=B1005+1 (sensitive receptor: C964)			
** DISCCART	407462.4966396	3758437.50091781	512.40	1.50
** receptor	=B1006+1 (sensitive receptor: C965)			
** DISCCART	407462.4966396	3758412.50600545	490.10	1.50
** receptor	=B1007+1 (sensitive receptor: C966)			
** DISCCART	407462.4966396	3758387.50109513	475.50	1.50
** receptor	=B1008+1 (sensitive receptor: C967)			
** DISCCART	407462.4966396	3758362.50618277	463.10	1.50
** receptor	=B1009+1 (sensitive receptor: C968)			
** DISCCART	407462.4966396	3758337.50127244	461.60	1.50
** receptor	=B1010+1 (sensitive receptor: C969)			
** DISCCART	407462.4966396	3758312.50636009	461.60	1.50
** receptor	=B1011+1 (sensitive receptor: C970)			

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** DISCCART	407462.4966396	3758287.50144976	462.50	1.50
** receptor	=B1012+1 (sensitive receptor: C971)			
** DISCCART	407462.4966396	3758262.50653741	456.30	1.50
** receptor	=B1013+1 (sensitive receptor: C972)			
** DISCCART	407462.4966396	3758237.50162708	442.30	1.50
** receptor	=B1014+1 (sensitive receptor: C973)			
** DISCCART	407462.4966396	3758212.50671473	437.60	1.50
** receptor	=B1015+1 (sensitive receptor: C974)			
** DISCCART	407462.4966396	3758187.5018044	434.80	1.50
** receptor	=B1016+1 (sensitive receptor: C975)			
** DISCCART	407462.4966396	3758162.50689204	429.80	1.50
** receptor	=B1017+1 (sensitive receptor: C976)			
** DISCCART	407462.4966396	3758137.50198172	424.90	1.50
** receptor	=B1018+1 (sensitive receptor: C977)			
** DISCCART	407487.498039506	3758512.50565081	518.10	1.50
** receptor	=B1019+1 (sensitive receptor: C978)			
** DISCCART	407487.498039506	3758487.50074049	528.10	1.50
** receptor	=B1020+1 (sensitive receptor: C979)			
** DISCCART	407487.498039506	3758462.50582813	526.70	1.50
** receptor	=B1021+1 (sensitive receptor: C980)			
** DISCCART	407487.498039506	3758437.50091781	512.20	1.50
** receptor	=B1022+1 (sensitive receptor: C981)			
** DISCCART	407487.498039506	3758412.50600545	488.90	1.50
** receptor	=B1023+1 (sensitive receptor: C982)			
** DISCCART	407487.498039506	3758387.50109513	472.90	1.50
** receptor	=B1024+1 (sensitive receptor: C983)			
** DISCCART	407487.498039506	3758362.50618277	462.10	1.50
** receptor	=B1025+1 (sensitive receptor: C984)			
** DISCCART	407487.498039506	3758337.50127244	459.20	1.50
** receptor	=B1026+1 (sensitive receptor: C985)			
** DISCCART	407487.498039506	3758312.50636009	459.20	1.50
** receptor	=B1027+1 (sensitive receptor: C986)			
** DISCCART	407487.498039506	3758287.50144976	461.80	1.50
** receptor	=B1028+1 (sensitive receptor: C987)			
** DISCCART	407487.498039506	3758262.50653741	461.80	1.50
** receptor	=B1029+1 (sensitive receptor: C988)			
** DISCCART	407487.498039506	3758237.50162708	458.50	1.50
** receptor	=B1030+1 (sensitive receptor: C989)			
** DISCCART	407487.498039506	3758212.50671473	454.80	1.50
** receptor	=B1031+1 (sensitive receptor: C990)			
** DISCCART	407487.498039506	3758187.5018044	447.90	1.50
** receptor	=B1032+1 (sensitive receptor: C991)			
** DISCCART	407487.498039506	3758162.50689204	444.60	1.50
** receptor	=B1033+1 (sensitive receptor: C992)			
** DISCCART	407487.498039506	3758137.50198172	441.30	1.50
** receptor	=B1034+1 (sensitive receptor: C993)			
** DISCCART	407512.499439412	3758512.50565081	491.60	1.50
** receptor	=B1035+1 (sensitive receptor: C994)			
** DISCCART	407512.499439412	3758487.50074049	495.00	1.50
** receptor	=B1036+1 (sensitive receptor: C995)			
** DISCCART	407512.499439412	3758462.50582813	504.30	1.50
** receptor	=B1037+1 (sensitive receptor: C996)			
** DISCCART	407512.499439412	3758437.50091781	496.60	1.50
** receptor	=B1038+1 (sensitive receptor: C997)			
** DISCCART	407512.499439412	3758412.50600545	478.90	1.50
** receptor	=B1039+1 (sensitive receptor: C998)			
** DISCCART	407512.499439412	3758387.50109513	468.00	1.50
** receptor	=B1040+1 (sensitive receptor: C999)			
** DISCCART	407512.499439412	3758362.50618277	462.00	1.50
** receptor	=B1041+1 (sensitive receptor: C1000)			
** DISCCART	407512.499439412	3758337.50127244	466.70	1.50
** receptor	=B1042+1 (sensitive receptor: C1001)			
** DISCCART	407512.499439412	3758312.50636009	467.10	1.50
** receptor	=B1043+1 (sensitive receptor: C1002)			
** DISCCART	407512.499439412	3758287.50144976	466.70	1.50
** receptor	=B1044+1 (sensitive receptor: C1003)			
** DISCCART	407512.499439412	3758262.50653741	466.70	1.50
** receptor	=B1045+1 (sensitive receptor: C1004)			
** DISCCART	407512.499439412	3758237.50162708	463.40	1.50
** receptor	=B1046+1 (sensitive receptor: C1005)			
** DISCCART	407512.499439412	3758212.50671473	463.40	1.50
** receptor	=B1047+1 (sensitive receptor: C1006)			
** DISCCART	407512.499439412	3758187.5018044	461.00	1.50
** receptor	=B1048+1 (sensitive receptor: C1007)			
** DISCCART	407512.499439412	3758162.50689204	459.30	1.50
** receptor	=B1049+1 (sensitive receptor: C1008)			

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DISCCART 407512.499439412 3758137.50198172 453.60 1.50
 ** receptor =B1050+1 (sensitive receptor: C1009)
 DISCCART 407537.500839317 3758512.50565081 0.00 1.50
 ** receptor =B1051+1 (sensitive receptor: C1010)
 DISCCART 407537.500839317 3758487.50074049 0.00 1.50
 ** receptor =B1052+1 (sensitive receptor: C1011)
 DISCCART 407537.500839317 3758462.50582813 0.00 1.50
 ** receptor =B1053+1 (sensitive receptor: C1012)
 DISCCART 407537.500839317 3758437.50091781 0.00 1.50
 ** receptor =B1054+1 (sensitive receptor: C1013)
 DISCCART 407537.500839317 3758412.50600545 0.00 1.50
 ** receptor =B1055+1 (sensitive receptor: C1014)
 DISCCART 407537.500839317 3758387.50109513 0.00 1.50
 ** receptor =B1056+1 (sensitive receptor: C1015)
 DISCCART 407537.500839317 3758362.50618277 0.00 1.50
 ** receptor =B1057+1 (sensitive receptor: C1016)
 DISCCART 407537.500839317 3758337.50127244 0.00 1.50
 ** receptor =B1058+1 (sensitive receptor: C1017)
 DISCCART 407537.500839317 3758312.50636009 0.00 1.50
 ** receptor =B1059+1 (sensitive receptor: C1018)
 DISCCART 407537.500839317 3758287.50144976 0.00 1.50
 ** receptor =B1060+1 (sensitive receptor: C1019)
 DISCCART 407537.500839317 3758262.50653741 0.00 1.50
 ** receptor =B1061+1 (sensitive receptor: C1020)
 DISCCART 407537.500839317 3758237.50162708 0.00 1.50
 ** receptor =B1062+1 (sensitive receptor: C1021)
 DISCCART 407537.500839317 3758212.50671473 0.00 1.50
 ** receptor =B1063+1 (sensitive receptor: C1022)
 DISCCART 407537.500839317 3758187.5018044 0.00 1.50
 ** receptor =B1064+1 (sensitive receptor: C1023)
 DISCCART 407537.500839317 3758162.50689204 0.00 1.50
 ** receptor =B1065+1 (sensitive receptor: C1024)
 DISCCART 407537.500839317 3758137.50198172 0.00 1.50
 ** receptor =B1066+1 (sensitive receptor: C1025)
 DISCCART 407562.502239223 3758512.50565081 0.00 1.50
 ** receptor =B1067+1 (sensitive receptor: C1026)
 DISCCART 407562.502239223 3758487.50074049 0.00 1.50
 ** receptor =B1068+1 (sensitive receptor: C1027)
 DISCCART 407562.502239223 3758462.50582813 0.00 1.50
 ** receptor =B1069+1 (sensitive receptor: C1028)
 DISCCART 407562.502239223 3758437.50091781 0.00 1.50
 ** receptor =B1070+1 (sensitive receptor: C1029)
 DISCCART 407562.502239223 3758412.50600545 0.00 1.50
 ** receptor =B1071+1 (sensitive receptor: C1030)
 DISCCART 407562.502239223 3758387.50109513 0.00 1.50
 ** receptor =B1072+1 (sensitive receptor: C1031)
 DISCCART 407562.502239223 3758362.50618277 0.00 1.50
 ** receptor =B1073+1 (sensitive receptor: C1032)
 DISCCART 407562.502239223 3758337.50127244 0.00 1.50
 ** receptor =B1074+1 (sensitive receptor: C1033)
 DISCCART 407562.502239223 3758312.50636009 0.00 1.50
 ** receptor =B1075+1 (sensitive receptor: C1034)
 DISCCART 407562.502239223 3758287.50144976 0.00 1.50
 ** receptor =B1076+1 (sensitive receptor: C1035)
 DISCCART 407562.502239223 3758262.50653741 0.00 1.50
 ** receptor =B1077+1 (sensitive receptor: C1036)
 DISCCART 407562.502239223 3758237.50162708 0.00 1.50
 ** receptor =B1078+1 (sensitive receptor: C1037)
 DISCCART 407562.502239223 3758212.50671473 0.00 1.50
 ** receptor =B1079+1 (sensitive receptor: C1038)
 DISCCART 407562.502239223 3758187.5018044 0.00 1.50
 ** receptor =B1080+1 (sensitive receptor: C1039)
 DISCCART 407562.502239223 3758162.50689204 0.00 1.50
 ** receptor =B1081+1 (sensitive receptor: C1040)
 DISCCART 407562.502239223 3758137.50198172 0.00 1.50
 ** receptor =B1082+1 (sensitive receptor: C1041)
 DISCCART 407587.495393284 3758512.50565081 0.00 1.50
 ** receptor =B1083+1 (sensitive receptor: C1042)
 DISCCART 407587.495393284 3758487.50074049 0.00 1.50
 ** receptor =B1084+1 (sensitive receptor: C1043)
 DISCCART 407587.495393284 3758462.50582813 0.00 1.50
 ** receptor =B1085+1 (sensitive receptor: C1044)
 DISCCART 407587.495393284 3758437.50091781 0.00 1.50
 ** receptor =B1086+1 (sensitive receptor: C1045)
 DISCCART 407587.495393284 3758412.50600545 0.00 1.50
 ** receptor =B1087+1 (sensitive receptor: C1046)

Appendix B

NOx Peak Hour Emissions Mitigated

DISCCART 407587.495393284 3758387.50109513 0.00 1.50
 ** receptor =B1088+1 (sensitive receptor: C1047)
 DISCCART 407587.495393284 3758362.50618277 0.00 1.50
 ** receptor =B1089+1 (sensitive receptor: C1048)
 DISCCART 407587.495393284 3758337.50127244 0.00 1.50
 ** receptor =B1090+1 (sensitive receptor: C1049)
 DISCCART 407587.495393284 3758312.50636009 0.00 1.50
 ** receptor =B1091+1 (sensitive receptor: C1050)
 DISCCART 407587.495393284 3758287.50144976 0.00 1.50
 ** receptor =B1092+1 (sensitive receptor: C1051)
 DISCCART 407587.495393284 3758262.50653741 0.00 1.50
 ** receptor =B1093+1 (sensitive receptor: C1052)
 DISCCART 407587.495393284 3758237.50162708 0.00 1.50
 ** receptor =B1094+1 (sensitive receptor: C1053)
 DISCCART 407587.495393284 3758212.50671473 0.00 1.50
 ** receptor =B1095+1 (sensitive receptor: C1054)
 DISCCART 407587.495393284 3758187.5018044 0.00 1.50
 ** receptor =B1096+1 (sensitive receptor: C1055)
 DISCCART 407587.495393284 3758162.50689204 0.00 1.50
 ** receptor =B1097+1 (sensitive receptor: C1056)
 DISCCART 407587.495393284 3758137.50198172 0.00 1.50
 ** receptor =B1098+1 (sensitive receptor: C1057)
 DISCCART 407612.49679319 3758512.50565081 0.00 1.50
 ** receptor =B1099+1 (sensitive receptor: C1058)
 DISCCART 407612.49679319 3758487.50074049 0.00 1.50
 ** receptor =B1100+1 (sensitive receptor: C1059)
 DISCCART 407612.49679319 3758462.50582813 0.00 1.50
 ** receptor =B1101+1 (sensitive receptor: C1060)
 DISCCART 407612.49679319 3758437.50091781 0.00 1.50
 ** receptor =B1102+1 (sensitive receptor: C1061)
 DISCCART 407612.49679319 3758412.50600545 0.00 1.50
 ** receptor =B1103+1 (sensitive receptor: C1062)
 DISCCART 407612.49679319 3758387.50109513 0.00 1.50
 ** receptor =B1104+1 (sensitive receptor: C1063)
 DISCCART 407612.49679319 3758362.50618277 0.00 1.50
 ** receptor =B1105+1 (sensitive receptor: C1064)
 DISCCART 407612.49679319 3758337.50127244 0.00 1.50
 ** receptor =B1106+1 (sensitive receptor: C1065)
 DISCCART 407612.49679319 3758312.50636009 0.00 1.50
 ** receptor =B1107+1 (sensitive receptor: C1066)
 DISCCART 407612.49679319 3758287.50144976 0.00 1.50
 ** receptor =B1108+1 (sensitive receptor: C1067)
 DISCCART 407612.49679319 3758262.50653741 0.00 1.50
 ** receptor =B1109+1 (sensitive receptor: C1068)
 DISCCART 407612.49679319 3758237.50162708 0.00 1.50
 ** receptor =B1110+1 (sensitive receptor: C1069)
 DISCCART 407612.49679319 3758212.50671473 0.00 1.50
 ** receptor =B1111+1 (sensitive receptor: C1070)
 DISCCART 407612.49679319 3758187.5018044 0.00 1.50
 ** receptor =B1112+1 (sensitive receptor: C1071)
 DISCCART 407612.49679319 3758162.50689204 0.00 1.50
 ** receptor =B1113+1 (sensitive receptor: C1072)
 DISCCART 407612.49679319 3758137.50198172 0.00 1.50
 ** receptor =B1114+1 (sensitive receptor: C1073)
 DISCCART 407637.498193095 3758512.50565081 0.00 1.50
 ** receptor =B1115+1 (sensitive receptor: C1074)
 DISCCART 407637.498193095 3758487.50074049 0.00 1.50
 ** receptor =B1116+1 (sensitive receptor: C1075)
 DISCCART 407637.498193095 3758462.50582813 0.00 1.50
 ** receptor =B1117+1 (sensitive receptor: C1076)
 DISCCART 407637.498193095 3758437.50091781 0.00 1.50
 ** receptor =B1118+1 (sensitive receptor: C1077)
 DISCCART 407637.498193095 3758412.50600545 0.00 1.50
 ** receptor =B1119+1 (sensitive receptor: C1078)
 DISCCART 407637.498193095 3758387.50109513 0.00 1.50
 ** receptor =B1120+1 (sensitive receptor: C1079)
 DISCCART 407637.498193095 3758362.50618277 0.00 1.50
 ** receptor =B1121+1 (sensitive receptor: C1080)
 DISCCART 407637.498193095 3758337.50127244 0.00 1.50
 ** receptor =B1122+1 (sensitive receptor: C1081)
 DISCCART 407637.498193095 3758312.50636009 0.00 1.50
 ** receptor =B1123+1 (sensitive receptor: C1082)
 DISCCART 407637.498193095 3758287.50144976 0.00 1.50
 ** receptor =B1124+1 (sensitive receptor: C1083)
 DISCCART 407637.498193095 3758262.50653741 0.00 1.50
 ** receptor =B1125+1 (sensitive receptor: C1084)

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DISCCART 407637.498193095 3758237.50162708 0.00 1.50
 ** receptor =B1126+1 (sensitive receptor: C1085)
 DISCCART 407637.498193095 3758212.50671473 0.00 1.50
 ** receptor =B1127+1 (sensitive receptor: C1086)
 DISCCART 407637.498193095 3758187.5018044 0.00 1.50
 ** receptor =B1128+1 (sensitive receptor: C1087)
 DISCCART 407637.498193095 3758162.50689204 0.00 1.50
 ** receptor =B1129+1 (sensitive receptor: C1088)
 DISCCART 407637.498193095 3758137.50198172 0.00 1.50
 ** receptor =B1130+1 (sensitive receptor: C1089)
 DISCCART 407662.499593001 3758512.50565081 0.00 1.50
 ** receptor =B1131+1 (sensitive receptor: C1090)
 DISCCART 407662.499593001 3758487.50074049 0.00 1.50
 ** receptor =B1132+1 (sensitive receptor: C1091)
 DISCCART 407662.499593001 3758462.50582813 0.00 1.50
 ** receptor =B1133+1 (sensitive receptor: C1092)
 DISCCART 407662.499593001 3758437.50091781 0.00 1.50
 ** receptor =B1134+1 (sensitive receptor: C1093)
 DISCCART 407662.499593001 3758412.50600545 0.00 1.50
 ** receptor =B1135+1 (sensitive receptor: C1094)
 DISCCART 407662.499593001 3758387.50109513 0.00 1.50
 ** receptor =B1136+1 (sensitive receptor: C1095)
 DISCCART 407662.499593001 3758362.50618277 0.00 1.50
 ** receptor =B1137+1 (sensitive receptor: C1096)
 DISCCART 407662.499593001 3758337.50127244 0.00 1.50
 ** receptor =B1138+1 (sensitive receptor: C1097)
 DISCCART 407662.499593001 3758312.50636009 0.00 1.50
 ** receptor =B1139+1 (sensitive receptor: C1098)
 DISCCART 407662.499593001 3758287.50144976 0.00 1.50
 ** receptor =B1140+1 (sensitive receptor: C1099)
 DISCCART 407662.499593001 3758262.50653741 0.00 1.50
 ** receptor =B1141+1 (sensitive receptor: C1100)
 DISCCART 407662.499593001 3758237.50162708 0.00 1.50
 ** receptor =B1142+1 (sensitive receptor: C1101)
 DISCCART 407662.499593001 3758212.50671473 0.00 1.50
 ** receptor =B1143+1 (sensitive receptor: C1102)
 DISCCART 407662.499593001 3758187.5018044 0.00 1.50
 ** receptor =B1144+1 (sensitive receptor: C1103)
 DISCCART 407662.499593001 3758162.50689204 0.00 1.50
 ** receptor =B1145+1 (sensitive receptor: C1104)
 DISCCART 407662.499593001 3758137.50198172 0.00 1.50
 ** receptor =B1146+1 (sensitive receptor: C1105)
 DISCCART 407687.500992907 3758512.50565081 0.00 1.50
 ** receptor =B1147+1 (sensitive receptor: C1106)
 DISCCART 407687.500992907 3758487.50074049 0.00 1.50
 ** receptor =B1148+1 (sensitive receptor: C1107)
 DISCCART 407687.500992907 3758462.50582813 0.00 1.50
 ** receptor =B1149+1 (sensitive receptor: C1108)
 DISCCART 407687.500992907 3758437.50091781 0.00 1.50
 ** receptor =B1150+1 (sensitive receptor: C1109)
 DISCCART 407687.500992907 3758412.50600545 0.00 1.50
 ** receptor =B1151+1 (sensitive receptor: C1110)
 DISCCART 407687.500992907 3758387.50109513 0.00 1.50
 ** receptor =B1152+1 (sensitive receptor: C1111)
 DISCCART 407687.500992907 3758362.50618277 0.00 1.50
 ** receptor =B1153+1 (sensitive receptor: C1112)
 DISCCART 407687.500992907 3758337.50127244 0.00 1.50
 ** receptor =B1154+1 (sensitive receptor: C1113)
 DISCCART 407687.500992907 3758312.50636009 0.00 1.50
 ** receptor =B1155+1 (sensitive receptor: C1114)
 DISCCART 407687.500992907 3758287.50144976 0.00 1.50
 ** receptor =B1156+1 (sensitive receptor: C1115)
 DISCCART 407687.500992907 3758262.50653741 0.00 1.50
 ** receptor =B1157+1 (sensitive receptor: C1116)
 DISCCART 407687.500992907 3758237.50162708 0.00 1.50
 ** receptor =B1158+1 (sensitive receptor: C1117)
 DISCCART 407687.500992907 3758212.50671473 0.00 1.50
 ** receptor =B1159+1 (sensitive receptor: C1118)
 DISCCART 407687.500992907 3758187.5018044 0.00 1.50
 ** receptor =B1160+1 (sensitive receptor: C1119)
 DISCCART 407687.500992907 3758162.50689204 0.00 1.50
 ** receptor =B1161+1 (sensitive receptor: C1120)
 DISCCART 407687.500992907 3758137.50198172 0.00 1.50
 ** receptor =B1162+1 (sensitive receptor: C1121)
 DISCCART 407712.502392812 3758512.50565081 0.00 1.50
 ** receptor =B1163+1 (sensitive receptor: C1122)

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DISCCART 407712.502392812 3758487.50074049 0.00 1.50
 ** receptor =B1164+1 (sensitive receptor: C1123)
 DISCCART 407712.502392812 3758462.50582813 0.00 1.50
 ** receptor =B1165+1 (sensitive receptor: C1124)
 DISCCART 407712.502392812 3758437.50091781 0.00 1.50
 ** receptor =B1166+1 (sensitive receptor: C1125)
 DISCCART 407712.502392812 3758412.50600545 0.00 1.50
 ** receptor =B1167+1 (sensitive receptor: C1126)
 DISCCART 407712.502392812 3758387.50109513 0.00 1.50
 ** receptor =B1168+1 (sensitive receptor: C1127)
 DISCCART 407712.502392812 3758362.50618277 0.00 1.50
 ** receptor =B1169+1 (sensitive receptor: C1128)
 DISCCART 407712.502392812 3758337.50127244 0.00 1.50
 ** receptor =B1170+1 (sensitive receptor: C1129)
 DISCCART 407712.502392812 3758312.50636009 0.00 1.50
 ** receptor =B1171+1 (sensitive receptor: C1130)
 DISCCART 407712.502392812 3758287.50144976 0.00 1.50
 ** receptor =B1172+1 (sensitive receptor: C1131)
 DISCCART 407712.502392812 3758262.50653741 0.00 1.50
 ** receptor =B1173+1 (sensitive receptor: C1132)
 DISCCART 407712.502392812 3758237.50162708 0.00 1.50
 ** receptor =B1174+1 (sensitive receptor: C1133)
 DISCCART 407712.502392812 3758212.50671473 0.00 1.50
 ** receptor =B1175+1 (sensitive receptor: C1134)
 DISCCART 407712.502392812 3758187.5018044 0.00 1.50
 ** receptor =B1176+1 (sensitive receptor: C1135)
 DISCCART 407712.502392812 3758162.50689204 0.00 1.50
 ** receptor =B1177+1 (sensitive receptor: C1136)
 DISCCART 407712.502392812 3758137.50198172 0.00 1.50
 ** receptor =B1178+1 (sensitive receptor: C1137)
 DISCCART 407737.495546874 3758512.50565081 0.00 1.50
 ** receptor =B1179+1 (sensitive receptor: C1138)
 DISCCART 407737.495546874 3758487.50074049 0.00 1.50
 ** receptor =B1180+1 (sensitive receptor: C1139)
 DISCCART 407737.495546874 3758462.50582813 0.00 1.50
 ** receptor =B1181+1 (sensitive receptor: C1140)
 DISCCART 407737.495546874 3758437.50091781 0.00 1.50
 ** receptor =B1182+1 (sensitive receptor: C1141)
 DISCCART 407737.495546874 3758412.50600545 0.00 1.50
 ** receptor =B1183+1 (sensitive receptor: C1142)
 DISCCART 407737.495546874 3758387.50109513 0.00 1.50
 ** receptor =B1184+1 (sensitive receptor: C1143)
 DISCCART 407737.495546874 3758362.50618277 0.00 1.50
 ** receptor =B1185+1 (sensitive receptor: C1144)
 DISCCART 407737.495546874 3758337.50127244 0.00 1.50
 ** receptor =B1186+1 (sensitive receptor: C1145)
 DISCCART 407737.495546874 3758312.50636009 0.00 1.50
 ** receptor =B1187+1 (sensitive receptor: C1146)
 DISCCART 407737.495546874 3758287.50144976 0.00 1.50
 ** receptor =B1188+1 (sensitive receptor: C1147)
 DISCCART 407737.495546874 3758262.50653741 0.00 1.50
 ** receptor =B1189+1 (sensitive receptor: C1148)
 DISCCART 407737.495546874 3758237.50162708 0.00 1.50
 ** receptor =B1190+1 (sensitive receptor: C1149)
 DISCCART 407737.495546874 3758212.50671473 0.00 1.50
 ** receptor =B1191+1 (sensitive receptor: C1150)
 DISCCART 407737.495546874 3758187.5018044 0.00 1.50
 ** receptor =B1192+1 (sensitive receptor: C1151)
 DISCCART 407737.495546874 3758162.50689204 0.00 1.50
 ** receptor =B1193+1 (sensitive receptor: C1152)
 DISCCART 407737.495546874 3758137.50198172 0.00 1.50
 ** receptor =B1194+1 (sensitive receptor: C1153)
 DISCCART 407762.496946779 3758512.50565081 0.00 1.50
 ** receptor =B1195+1 (sensitive receptor: C1154)
 DISCCART 407762.496946779 3758487.50074049 0.00 1.50
 ** receptor =B1196+1 (sensitive receptor: C1155)
 DISCCART 407762.496946779 3758462.50582813 0.00 1.50
 ** receptor =B1197+1 (sensitive receptor: C1156)
 DISCCART 407762.496946779 3758437.50091781 0.00 1.50
 ** receptor =B1198+1 (sensitive receptor: C1157)
 DISCCART 407762.496946779 3758412.50600545 0.00 1.50
 ** receptor =B1199+1 (sensitive receptor: C1158)
 DISCCART 407762.496946779 3758387.50109513 0.00 1.50
 ** receptor =B1200+1 (sensitive receptor: C1159)
 DISCCART 407762.496946779 3758362.50618277 0.00 1.50
 ** receptor =B1201+1 (sensitive receptor: C1160)

Appendix B

NOx Peak Hour Emissions Mitigated

DISCCART 407762.496946779 3758337.50127244 0.00 1.50
 ** receptor =B1202+1 (sensitive receptor: C1161)
 DISCCART 407762.496946779 3758312.50636009 0.00 1.50
 ** receptor =B1203+1 (sensitive receptor: C1162)
 DISCCART 407762.496946779 3758287.50144976 0.00 1.50
 ** receptor =B1204+1 (sensitive receptor: C1163)
 DISCCART 407762.496946779 3758262.50653741 0.00 1.50
 ** receptor =B1205+1 (sensitive receptor: C1164)
 DISCCART 407762.496946779 3758237.50162708 0.00 1.50
 ** receptor =B1206+1 (sensitive receptor: C1165)
 DISCCART 407762.496946779 3758212.50671473 0.00 1.50
 ** receptor =B1207+1 (sensitive receptor: C1166)
 DISCCART 407762.496946779 3758187.5018044 0.00 1.50
 ** receptor =B1208+1 (sensitive receptor: C1167)
 DISCCART 407762.496946779 3758162.50689204 0.00 1.50
 ** receptor =B1209+1 (sensitive receptor: C1168)
 DISCCART 407762.496946779 3758137.50198172 0.00 1.50
 ** receptor =B1210+1 (sensitive receptor: C1169)
 DISCCART 407787.498346685 3758512.50565081 0.00 1.50
 ** receptor =B1211+1 (sensitive receptor: C1170)
 DISCCART 407787.498346685 3758487.50074049 0.00 1.50
 ** receptor =B1212+1 (sensitive receptor: C1171)
 DISCCART 407787.498346685 3758462.50582813 0.00 1.50
 ** receptor =B1213+1 (sensitive receptor: C1172)
 DISCCART 407787.498346685 3758437.50091781 0.00 1.50
 ** receptor =B1214+1 (sensitive receptor: C1173)
 DISCCART 407787.498346685 3758412.50600545 0.00 1.50
 ** receptor =B1215+1 (sensitive receptor: C1174)
 DISCCART 407787.498346685 3758387.50109513 0.00 1.50
 ** receptor =B1216+1 (sensitive receptor: C1175)
 DISCCART 407787.498346685 3758362.50618277 0.00 1.50
 ** receptor =B1217+1 (sensitive receptor: C1176)
 DISCCART 407787.498346685 3758337.50127244 0.00 1.50
 ** receptor =B1218+1 (sensitive receptor: C1177)
 DISCCART 407787.498346685 3758312.50636009 0.00 1.50
 ** receptor =B1219+1 (sensitive receptor: C1178)
 DISCCART 407787.498346685 3758287.50144976 0.00 1.50
 ** receptor =B1220+1 (sensitive receptor: C1179)
 DISCCART 407787.498346685 3758262.50653741 0.00 1.50
 ** receptor =B1221+1 (sensitive receptor: C1180)
 DISCCART 407787.498346685 3758237.50162708 0.00 1.50
 ** receptor =B1222+1 (sensitive receptor: C1181)
 DISCCART 407787.498346685 3758212.50671473 0.00 1.50
 ** receptor =B1223+1 (sensitive receptor: C1182)
 DISCCART 407787.498346685 3758187.5018044 0.00 1.50
 ** receptor =B1224+1 (sensitive receptor: C1183)
 DISCCART 407787.498346685 3758162.50689204 0.00 1.50
 ** receptor =B1225+1 (sensitive receptor: C1184)
 DISCCART 407787.498346685 3758137.50198172 0.00 1.50
 ** receptor =B1226+1 (sensitive receptor: C1185)
 DISCCART 407812.49974659 3758512.50565081 0.00 1.50
 ** receptor =B1227+1 (sensitive receptor: C1186)
 DISCCART 407812.49974659 3758487.50074049 0.00 1.50
 ** receptor =B1228+1 (sensitive receptor: C1187)
 DISCCART 407812.49974659 3758462.50582813 0.00 1.50
 ** receptor =B1229+1 (sensitive receptor: C1188)
 DISCCART 407812.49974659 3758437.50091781 0.00 1.50
 ** receptor =B1230+1 (sensitive receptor: C1189)
 DISCCART 407812.49974659 3758412.50600545 0.00 1.50
 ** receptor =B1231+1 (sensitive receptor: C1190)
 DISCCART 407812.49974659 3758387.50109513 0.00 1.50
 ** receptor =B1232+1 (sensitive receptor: C1191)
 DISCCART 407812.49974659 3758362.50618277 0.00 1.50
 ** receptor =B1233+1 (sensitive receptor: C1192)
 DISCCART 407812.49974659 3758337.50127244 0.00 1.50
 ** receptor =B1234+1 (sensitive receptor: C1193)
 DISCCART 407812.49974659 3758312.50636009 0.00 1.50
 ** receptor =B1235+1 (sensitive receptor: C1194)
 DISCCART 407812.49974659 3758287.50144976 0.00 1.50
 ** receptor =B1236+1 (sensitive receptor: C1195)
 DISCCART 407812.49974659 3758262.50653741 0.00 1.50
 ** receptor =B1237+1 (sensitive receptor: C1196)
 DISCCART 407812.49974659 3758237.50162708 0.00 1.50
 ** receptor =B1238+1 (sensitive receptor: C1197)
 DISCCART 407812.49974659 3758212.50671473 0.00 1.50
 ** receptor =B1239+1 (sensitive receptor: C1198)

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DISCCART 407812.49974659 3758187.5018044 0.00 1.50
 ** receptor =B1240+1 (sensitive receptor: C1199)
 DISCCART 407812.49974659 3758162.50689204 0.00 1.50
 ** receptor =B1241+1 (sensitive receptor: C1200)
 DISCCART 407812.49974659 3758137.50198172 0.00 1.50
 ** receptor =B1242+1 (sensitive receptor: C1201)
 DISCCART 407837.501146496 3758512.50565081 0.00 1.50
 ** receptor =B1243+1 (sensitive receptor: C1202)
 DISCCART 407837.501146496 3758487.50074049 0.00 1.50
 ** receptor =B1244+1 (sensitive receptor: C1203)
 DISCCART 407837.501146496 3758462.50582813 0.00 1.50
 ** receptor =B1245+1 (sensitive receptor: C1204)
 DISCCART 407837.501146496 3758437.50091781 0.00 1.50
 ** receptor =B1246+1 (sensitive receptor: C1205)
 DISCCART 407837.501146496 3758412.50600545 0.00 1.50
 ** receptor =B1247+1 (sensitive receptor: C1206)
 DISCCART 407837.501146496 3758387.50109513 0.00 1.50
 ** receptor =B1248+1 (sensitive receptor: C1207)
 DISCCART 407837.501146496 3758362.50618277 0.00 1.50
 ** receptor =B1249+1 (sensitive receptor: C1208)
 DISCCART 407837.501146496 3758337.50127244 0.00 1.50
 ** receptor =B1250+1 (sensitive receptor: C1209)
 DISCCART 407837.501146496 3758312.50636009 0.00 1.50
 ** receptor =B1251+1 (sensitive receptor: C1210)
 DISCCART 407837.501146496 3758287.50144976 0.00 1.50
 ** receptor =B1252+1 (sensitive receptor: C1211)
 DISCCART 407837.501146496 3758262.50653741 0.00 1.50
 ** receptor =B1253+1 (sensitive receptor: C1212)
 DISCCART 407837.501146496 3758237.50162708 0.00 1.50
 ** receptor =B1254+1 (sensitive receptor: C1213)
 DISCCART 407837.501146496 3758212.50671473 0.00 1.50
 ** receptor =B1255+1 (sensitive receptor: C1214)
 DISCCART 407837.501146496 3758187.5018044 0.00 1.50
 ** receptor =B1256+1 (sensitive receptor: C1215)
 DISCCART 407837.501146496 3758162.50689204 0.00 1.50
 ** receptor =B1257+1 (sensitive receptor: C1216)
 DISCCART 407837.501146496 3758137.50198172 0.00 1.50
 ** receptor =B1258+1 (sensitive receptor: C1217)
 DISCCART 407862.502546402 3758512.50565081 0.00 1.50
 ** receptor =B1259+1 (sensitive receptor: C1218)
 DISCCART 407862.502546402 3758487.50074049 0.00 1.50
 ** receptor =B1260+1 (sensitive receptor: C1219)
 DISCCART 407862.502546402 3758462.50582813 0.00 1.50
 ** receptor =B1261+1 (sensitive receptor: C1220)
 DISCCART 407862.502546402 3758437.50091781 0.00 1.50
 ** receptor =B1262+1 (sensitive receptor: C1221)
 DISCCART 407862.502546402 3758412.50600545 0.00 1.50
 ** receptor =B1263+1 (sensitive receptor: C1222)
 DISCCART 407862.502546402 3758387.50109513 0.00 1.50
 ** receptor =B1264+1 (sensitive receptor: C1223)
 DISCCART 407862.502546402 3758362.50618277 0.00 1.50
 ** receptor =B1265+1 (sensitive receptor: C1224)
 DISCCART 407862.502546402 3758337.50127244 0.00 1.50
 ** receptor =B1266+1 (sensitive receptor: C1225)
 DISCCART 407862.502546402 3758312.50636009 0.00 1.50
 ** receptor =B1267+1 (sensitive receptor: C1226)
 DISCCART 407862.502546402 3758287.50144976 0.00 1.50
 ** receptor =B1268+1 (sensitive receptor: C1227)
 DISCCART 407862.502546402 3758262.50653741 0.00 1.50
 ** receptor =B1269+1 (sensitive receptor: C1228)
 DISCCART 407862.502546402 3758237.50162708 0.00 1.50
 ** receptor =B1270+1 (sensitive receptor: C1229)
 DISCCART 407862.502546402 3758212.50671473 0.00 1.50
 ** receptor =B1271+1 (sensitive receptor: C1230)
 DISCCART 407862.502546402 3758187.5018044 0.00 1.50
 ** receptor =B1272+1 (sensitive receptor: C1231)
 DISCCART 407862.502546402 3758162.50689204 0.00 1.50
 ** receptor =B1273+1 (sensitive receptor: C1232)
 DISCCART 407862.502546402 3758137.50198172 0.00 1.50
 ** receptor =B1274+1 (sensitive receptor: C1233)
 DISCCART 407887.503946307 3758512.50565081 0.00 1.50
 ** receptor =B1275+1 (sensitive receptor: C1234)
 DISCCART 407887.503946307 3758487.50074049 0.00 1.50
 ** receptor =B1276+1 (sensitive receptor: C1235)
 DISCCART 407887.503946307 3758462.50582813 0.00 1.50
 ** receptor =B1277+1 (sensitive receptor: C1236)

Appendix B

NOx Peak Hour Emissions Mitigated

DISCCART 407887.503946307 3758437.50091781 0.00 1.50
 ** receptor =B1278+1 (sensitive receptor: C1237)
 DISCCART 407887.503946307 3758412.50600545 0.00 1.50
 ** receptor =B1279+1 (sensitive receptor: C1238)
 DISCCART 407887.503946307 3758387.50109513 0.00 1.50
 ** receptor =B1280+1 (sensitive receptor: C1239)
 DISCCART 407887.503946307 3758362.50618277 0.00 1.50
 ** receptor =B1281+1 (sensitive receptor: C1240)
 DISCCART 407887.503946307 3758337.50127244 0.00 1.50
 ** receptor =B1282+1 (sensitive receptor: C1241)
 DISCCART 407887.503946307 3758312.50636009 0.00 1.50
 ** receptor =B1283+1 (sensitive receptor: C1242)
 DISCCART 407887.503946307 3758287.50144976 0.00 1.50
 ** receptor =B1284+1 (sensitive receptor: C1243)
 DISCCART 407887.503946307 3758262.50653741 0.00 1.50
 ** receptor =B1285+1 (sensitive receptor: C1244)
 DISCCART 407887.503946307 3758237.50162708 0.00 1.50
 ** receptor =B1286+1 (sensitive receptor: C1245)
 DISCCART 407887.503946307 3758212.50671473 0.00 1.50
 ** receptor =B1287+1 (sensitive receptor: C1246)
 DISCCART 407887.503946307 3758187.5018044 0.00 1.50
 ** receptor =B1288+1 (sensitive receptor: C1247)
 DISCCART 407887.503946307 3758162.50689204 0.00 1.50
 ** receptor =B1289+1 (sensitive receptor: C1248)
 DISCCART 407887.503946307 3758137.50198172 0.00 1.50
 ** receptor =B1290+1 (sensitive receptor: C1249)
 DISCCART 407912.497100369 3758512.50565081 0.00 1.50
 ** receptor =B1291+1 (sensitive receptor: C1250)
 DISCCART 407912.497100369 3758487.50074049 0.00 1.50
 ** receptor =B1292+1 (sensitive receptor: C1251)
 DISCCART 407912.497100369 3758462.50582813 0.00 1.50
 ** receptor =B1293+1 (sensitive receptor: C1252)
 DISCCART 407912.497100369 3758437.50091781 0.00 1.50
 ** receptor =B1294+1 (sensitive receptor: C1253)
 DISCCART 407912.497100369 3758412.50600545 0.00 1.50
 ** receptor =B1295+1 (sensitive receptor: C1254)
 DISCCART 407912.497100369 3758387.50109513 0.00 1.50
 ** receptor =B1296+1 (sensitive receptor: C1255)
 DISCCART 407912.497100369 3758362.50618277 0.00 1.50
 ** receptor =B1297+1 (sensitive receptor: C1256)
 DISCCART 407912.497100369 3758337.50127244 0.00 1.50
 ** receptor =B1298+1 (sensitive receptor: C1257)
 DISCCART 407912.497100369 3758312.50636009 0.00 1.50
 ** receptor =B1299+1 (sensitive receptor: C1258)
 DISCCART 407912.497100369 3758287.50144976 0.00 1.50
 ** receptor =B1300+1 (sensitive receptor: C1259)
 DISCCART 407912.497100369 3758262.50653741 0.00 1.50
 ** receptor =B1301+1 (sensitive receptor: C1260)
 DISCCART 407912.497100369 3758237.50162708 0.00 1.50
 ** receptor =B1302+1 (sensitive receptor: C1261)
 DISCCART 407912.497100369 3758212.50671473 0.00 1.50
 ** receptor =B1303+1 (sensitive receptor: C1262)
 DISCCART 407912.497100369 3758187.5018044 0.00 1.50
 ** receptor =B1304+1 (sensitive receptor: C1263)
 DISCCART 407912.497100369 3758162.50689204 0.00 1.50
 ** receptor =B1305+1 (sensitive receptor: C1264)
 DISCCART 407912.497100369 3758137.50198172 0.00 1.50
 ** receptor =B1306+1 (sensitive receptor: C1265)
 DISCCART 407937.498500274 3758512.50565081 0.00 1.50
 ** receptor =B1307+1 (sensitive receptor: C1266)
 DISCCART 407937.498500274 3758487.50074049 0.00 1.50
 ** receptor =B1308+1 (sensitive receptor: C1267)
 DISCCART 407937.498500274 3758462.50582813 0.00 1.50
 ** receptor =B1309+1 (sensitive receptor: C1268)
 DISCCART 407937.498500274 3758437.50091781 0.00 1.50
 ** receptor =B1310+1 (sensitive receptor: C1269)
 DISCCART 407937.498500274 3758412.50600545 0.00 1.50
 ** receptor =B1311+1 (sensitive receptor: C1270)
 DISCCART 407937.498500274 3758387.50109513 0.00 1.50
 ** receptor =B1312+1 (sensitive receptor: C1271)
 DISCCART 407937.498500274 3758362.50618277 0.00 1.50
 ** receptor =B1313+1 (sensitive receptor: C1272)
 DISCCART 407937.498500274 3758337.50127244 0.00 1.50
 ** receptor =B1314+1 (sensitive receptor: C1273)
 DISCCART 407937.498500274 3758312.50636009 0.00 1.50
 ** receptor =B1315+1 (sensitive receptor: C1274)

Appendix B

NOx Peak Hour Emissions Mitigated

DISCCART 407937.498500274 3758287.50144976 0.00 1.50
 ** receptor =B1316+1 (sensitive receptor: C1275)
 DISCCART 407937.498500274 3758262.50653741 0.00 1.50
 ** receptor =B1317+1 (sensitive receptor: C1276)
 DISCCART 407937.498500274 3758237.50162708 0.00 1.50
 ** receptor =B1318+1 (sensitive receptor: C1277)
 DISCCART 407937.498500274 3758212.50671473 0.00 1.50
 ** receptor =B1319+1 (sensitive receptor: C1278)
 DISCCART 407937.498500274 3758187.5018044 0.00 1.50
 ** receptor =B1320+1 (sensitive receptor: C1279)
 DISCCART 407937.498500274 3758162.50689204 0.00 1.50
 ** receptor =B1321+1 (sensitive receptor: C1280)
 DISCCART 407937.498500274 3758137.50198172 0.00 1.50
 ** receptor =B1322+1 (sensitive receptor: C1281)
 DISCCART 407962.49990018 3758512.50565081 0.00 1.50
 ** receptor =B1323+1 (sensitive receptor: C1282)
 DISCCART 407962.49990018 3758487.50074049 0.00 1.50
 ** receptor =B1324+1 (sensitive receptor: C1283)
 DISCCART 407962.49990018 3758462.50582813 0.00 1.50
 ** receptor =B1325+1 (sensitive receptor: C1284)
 DISCCART 407962.49990018 3758437.50091781 0.00 1.50
 ** receptor =B1326+1 (sensitive receptor: C1285)
 DISCCART 407962.49990018 3758412.50600545 0.00 1.50
 ** receptor =B1327+1 (sensitive receptor: C1286)
 DISCCART 407962.49990018 3758387.50109513 0.00 1.50
 ** receptor =B1328+1 (sensitive receptor: C1287)
 DISCCART 407962.49990018 3758362.50618277 0.00 1.50
 ** receptor =B1329+1 (sensitive receptor: C1288)
 DISCCART 407962.49990018 3758337.50127244 0.00 1.50
 ** receptor =B1330+1 (sensitive receptor: C1289)
 DISCCART 407962.49990018 3758312.50636009 0.00 1.50
 ** receptor =B1331+1 (sensitive receptor: C1290)
 DISCCART 407962.49990018 3758287.50144976 0.00 1.50
 ** receptor =B1332+1 (sensitive receptor: C1291)
 DISCCART 407962.49990018 3758262.50653741 0.00 1.50
 ** receptor =B1333+1 (sensitive receptor: C1292)
 DISCCART 407962.49990018 3758237.50162708 0.00 1.50
 ** receptor =B1334+1 (sensitive receptor: C1293)
 DISCCART 407962.49990018 3758212.50671473 0.00 1.50
 ** receptor =B1335+1 (sensitive receptor: C1294)
 DISCCART 407962.49990018 3758187.5018044 0.00 1.50
 ** receptor =B1336+1 (sensitive receptor: C1295)
 DISCCART 407962.49990018 3758162.50689204 0.00 1.50
 ** receptor =B1337+1 (sensitive receptor: C1296)
 DISCCART 407962.49990018 3758137.50198172 0.00 1.50
 ** receptor =B1338+1 (sensitive receptor: C1297)
 DISCCART 407987.501300085 3758512.50565081 0.00 1.50
 ** receptor =B1339+1 (sensitive receptor: C1298)
 DISCCART 407987.501300085 3758487.50074049 0.00 1.50
 ** receptor =B1340+1 (sensitive receptor: C1299)
 DISCCART 407987.501300085 3758462.50582813 0.00 1.50
 ** receptor =B1341+1 (sensitive receptor: C1300)
 DISCCART 407987.501300085 3758437.50091781 0.00 1.50
 ** receptor =B1342+1 (sensitive receptor: C1301)
 DISCCART 407987.501300085 3758412.50600545 0.00 1.50
 ** receptor =B1343+1 (sensitive receptor: C1302)
 DISCCART 407987.501300085 3758387.50109513 0.00 1.50
 ** receptor =B1344+1 (sensitive receptor: C1303)
 DISCCART 407987.501300085 3758362.50618277 0.00 1.50
 ** receptor =B1345+1 (sensitive receptor: C1304)
 DISCCART 407987.501300085 3758337.50127244 0.00 1.50
 ** receptor =B1346+1 (sensitive receptor: C1305)
 DISCCART 407987.501300085 3758312.50636009 0.00 1.50
 ** receptor =B1347+1 (sensitive receptor: C1306)
 DISCCART 407987.501300085 3758287.50144976 0.00 1.50
 ** receptor =B1348+1 (sensitive receptor: C1307)
 DISCCART 407987.501300085 3758262.50653741 0.00 1.50
 ** receptor =B1349+1 (sensitive receptor: C1308)
 DISCCART 407987.501300085 3758237.50162708 0.00 1.50
 ** receptor =B1350+1 (sensitive receptor: C1309)
 DISCCART 407987.501300085 3758212.50671473 0.00 1.50
 ** receptor =B1351+1 (sensitive receptor: C1310)
 DISCCART 407987.501300085 3758187.5018044 0.00 1.50
 ** receptor =B1352+1 (sensitive receptor: C1311)
 DISCCART 407987.501300085 3758162.50689204 0.00 1.50
 ** receptor =B1353+1 (sensitive receptor: C1312)

Appendix B

NOx Peak Hour Emissions Mitigated

DISCCART 407987.501300085 3758137.50198172 0.00 1.50
 ** receptor =B1354+1 (sensitive receptor: C1313)
 DISCCART 408012.502699991 3758512.50565081 0.00 1.50
 ** receptor =B1355+1 (sensitive receptor: C1314)
 DISCCART 408012.502699991 3758487.50074049 0.00 1.50
 ** receptor =B1356+1 (sensitive receptor: C1315)
 DISCCART 408012.502699991 3758462.50582813 0.00 1.50
 ** receptor =B1357+1 (sensitive receptor: C1316)
 DISCCART 408012.502699991 3758437.50091781 0.00 1.50
 ** receptor =B1358+1 (sensitive receptor: C1317)
 DISCCART 408012.502699991 3758412.50600545 0.00 1.50
 ** receptor =B1359+1 (sensitive receptor: C1318)
 DISCCART 408012.502699991 3758387.50109513 0.00 1.50
 ** receptor =B1360+1 (sensitive receptor: C1319)
 DISCCART 408012.502699991 3758362.50618277 0.00 1.50
 ** receptor =B1361+1 (sensitive receptor: C1320)
 DISCCART 408012.502699991 3758337.50127244 0.00 1.50
 ** receptor =B1362+1 (sensitive receptor: C1321)
 DISCCART 408012.502699991 3758312.50636009 0.00 1.50
 ** receptor =B1363+1 (sensitive receptor: C1322)
 DISCCART 408012.502699991 3758287.50144976 0.00 1.50
 ** receptor =B1364+1 (sensitive receptor: C1323)
 DISCCART 408012.502699991 3758262.50653741 0.00 1.50
 ** receptor =B1365+1 (sensitive receptor: C1324)
 DISCCART 408012.502699991 3758237.50162708 0.00 1.50
 ** receptor =B1366+1 (sensitive receptor: C1325)
 DISCCART 408012.502699991 3758212.50671473 0.00 1.50
 ** receptor =B1367+1 (sensitive receptor: C1326)
 DISCCART 408012.502699991 3758187.5018044 0.00 1.50
 ** receptor =B1368+1 (sensitive receptor: C1327)
 DISCCART 408012.502699991 3758162.50689204 0.00 1.50
 ** receptor =B1369+1 (sensitive receptor: C1328)
 DISCCART 408012.502699991 3758137.50198172 0.00 1.50
 ** receptor =B1370+1 (sensitive receptor: C1329)
 DISCCART 408037.495854052 3758512.50565081 0.00 1.50
 ** receptor =B1371+1 (sensitive receptor: C1330)
 DISCCART 408037.495854052 3758487.50074049 0.00 1.50
 ** receptor =B1372+1 (sensitive receptor: C1331)
 DISCCART 408037.495854052 3758462.50582813 0.00 1.50
 ** receptor =B1373+1 (sensitive receptor: C1332)
 DISCCART 408037.495854052 3758437.50091781 0.00 1.50
 ** receptor =B1374+1 (sensitive receptor: C1333)
 DISCCART 408037.495854052 3758412.50600545 0.00 1.50
 ** receptor =B1375+1 (sensitive receptor: C1334)
 DISCCART 408037.495854052 3758387.50109513 0.00 1.50
 ** receptor =B1376+1 (sensitive receptor: C1335)
 DISCCART 408037.495854052 3758362.50618277 0.00 1.50
 ** receptor =B1377+1 (sensitive receptor: C1336)
 DISCCART 408037.495854052 3758337.50127244 0.00 1.50
 ** receptor =B1378+1 (sensitive receptor: C1337)
 DISCCART 408037.495854052 3758312.50636009 0.00 1.50
 ** receptor =B1379+1 (sensitive receptor: C1338)
 DISCCART 408037.495854052 3758287.50144976 0.00 1.50
 ** receptor =B1380+1 (sensitive receptor: C1339)
 DISCCART 408037.495854052 3758262.50653741 0.00 1.50
 ** receptor =B1381+1 (sensitive receptor: C1340)
 DISCCART 408037.495854052 3758237.50162708 0.00 1.50
 ** receptor =B1382+1 (sensitive receptor: C1341)
 DISCCART 408037.495854052 3758212.50671473 0.00 1.50
 ** receptor =B1383+1 (sensitive receptor: C1342)
 DISCCART 408037.495854052 3758187.5018044 0.00 1.50
 ** receptor =B1384+1 (sensitive receptor: C1343)
 DISCCART 408037.495854052 3758162.50689204 0.00 1.50
 ** receptor =B1385+1 (sensitive receptor: C1344)
 DISCCART 408037.495854052 3758137.50198172 0.00 1.50
 ** receptor =B1386+1 (sensitive receptor: C1345)
 DISCCART 408062.497253958 3758512.50565081 0.00 1.50
 ** receptor =B1387+1 (sensitive receptor: C1346)
 DISCCART 408062.497253958 3758487.50074049 0.00 1.50
 ** receptor =B1388+1 (sensitive receptor: C1347)
 DISCCART 408062.497253958 3758462.50582813 0.00 1.50
 ** receptor =B1389+1 (sensitive receptor: C1348)
 DISCCART 408062.497253958 3758437.50091781 0.00 1.50
 ** receptor =B1390+1 (sensitive receptor: C1349)
 DISCCART 408062.497253958 3758412.50600545 0.00 1.50
 ** receptor =B1391+1 (sensitive receptor: C1350)

Appendix B

NOx Peak Hour Emissions Mitigated

DISCCART 408062.497253958 3758387.50109513 0.00 1.50
 ** receptor =B1392+1 (sensitive receptor: C1351)
 DISCCART 408062.497253958 3758362.50618277 0.00 1.50
 ** receptor =B1393+1 (sensitive receptor: C1352)
 DISCCART 408062.497253958 3758337.50127244 0.00 1.50
 ** receptor =B1394+1 (sensitive receptor: C1353)
 DISCCART 408062.497253958 3758312.50636009 0.00 1.50
 ** receptor =B1395+1 (sensitive receptor: C1354)
 DISCCART 408062.497253958 3758287.50144976 0.00 1.50
 ** receptor =B1396+1 (sensitive receptor: C1355)
 DISCCART 408062.497253958 3758262.50653741 0.00 1.50
 ** receptor =B1397+1 (sensitive receptor: C1356)
 DISCCART 408062.497253958 3758237.50162708 0.00 1.50
 ** receptor =B1398+1 (sensitive receptor: C1357)
 DISCCART 408062.497253958 3758212.50671473 0.00 1.50
 ** receptor =B1399+1 (sensitive receptor: C1358)
 DISCCART 408062.497253958 3758187.5018044 0.00 1.50
 ** receptor =B1400+1 (sensitive receptor: C1359)
 DISCCART 408062.497253958 3758162.50689204 0.00 1.50
 ** receptor =B1401+1 (sensitive receptor: C1360)
 DISCCART 408062.497253958 3758137.50198172 0.00 1.50
 ** receptor =B1402+1 (sensitive receptor: C1361)
 DISCCART 408087.498653864 3758512.50565081 0.00 1.50
 ** receptor =B1403+1 (sensitive receptor: C1362)
 DISCCART 408087.498653864 3758487.50074049 0.00 1.50
 ** receptor =B1404+1 (sensitive receptor: C1363)
 DISCCART 408087.498653864 3758462.50582813 0.00 1.50
 ** receptor =B1405+1 (sensitive receptor: C1364)
 DISCCART 408087.498653864 3758437.50091781 0.00 1.50
 ** receptor =B1406+1 (sensitive receptor: C1365)
 DISCCART 408087.498653864 3758412.50600545 0.00 1.50
 ** receptor =B1407+1 (sensitive receptor: C1366)
 DISCCART 408087.498653864 3758387.50109513 0.00 1.50
 ** receptor =B1408+1 (sensitive receptor: C1367)
 DISCCART 408087.498653864 3758362.50618277 0.00 1.50
 ** receptor =B1409+1 (sensitive receptor: C1368)
 DISCCART 408087.498653864 3758337.50127244 0.00 1.50
 ** receptor =B1410+1 (sensitive receptor: C1369)
 DISCCART 408087.498653864 3758312.50636009 0.00 1.50
 ** receptor =B1411+1 (sensitive receptor: C1370)
 DISCCART 408087.498653864 3758287.50144976 0.00 1.50
 ** receptor =B1412+1 (sensitive receptor: C1371)
 DISCCART 408087.498653864 3758262.50653741 0.00 1.50
 ** receptor =B1413+1 (sensitive receptor: C1372)
 DISCCART 408087.498653864 3758237.50162708 0.00 1.50
 ** receptor =B1414+1 (sensitive receptor: C1373)
 DISCCART 408087.498653864 3758212.50671473 0.00 1.50
 ** receptor =B1415+1 (sensitive receptor: C1374)
 DISCCART 408087.498653864 3758187.5018044 0.00 1.50
 ** receptor =B1416+1 (sensitive receptor: C1375)
 DISCCART 408087.498653864 3758162.50689204 0.00 1.50
 ** receptor =B1417+1 (sensitive receptor: C1376)
 DISCCART 408087.498653864 3758137.50198172 0.00 1.50
 ** receptor =B1418+1 (sensitive receptor: C1377)
 DISCCART 408112.500053769 3758512.50565081 0.00 1.50
 ** receptor =B1419+1 (sensitive receptor: C1378)
 DISCCART 408112.500053769 3758487.50074049 0.00 1.50
 ** receptor =B1420+1 (sensitive receptor: C1379)
 DISCCART 408112.500053769 3758462.50582813 0.00 1.50
 ** receptor =B1421+1 (sensitive receptor: C1380)
 DISCCART 408112.500053769 3758437.50091781 0.00 1.50
 ** receptor =B1422+1 (sensitive receptor: C1381)
 DISCCART 408112.500053769 3758412.50600545 0.00 1.50
 ** receptor =B1423+1 (sensitive receptor: C1382)
 DISCCART 408112.500053769 3758387.50109513 0.00 1.50
 ** receptor =B1424+1 (sensitive receptor: C1383)
 DISCCART 408112.500053769 3758362.50618277 0.00 1.50
 ** receptor =B1425+1 (sensitive receptor: C1384)
 DISCCART 408112.500053769 3758337.50127244 0.00 1.50
 ** receptor =B1426+1 (sensitive receptor: C1385)
 DISCCART 408112.500053769 3758312.50636009 0.00 1.50
 ** receptor =B1427+1 (sensitive receptor: C1386)
 DISCCART 408112.500053769 3758287.50144976 0.00 1.50
 ** receptor =B1428+1 (sensitive receptor: C1387)
 DISCCART 408112.500053769 3758262.50653741 0.00 1.50
 ** receptor =B1429+1 (sensitive receptor: C1388)

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DISCCART 408112.500053769 3758237.50162708 0.00 1.50
 ** receptor =B1430+1 (sensitive receptor: C1389)
 DISCCART 408112.500053769 3758212.50671473 0.00 1.50
 ** receptor =B1431+1 (sensitive receptor: C1390)
 DISCCART 408112.500053769 3758187.5018044 0.00 1.50
 ** receptor =B1432+1 (sensitive receptor: C1391)
 DISCCART 408112.500053769 3758162.50689204 0.00 1.50
 ** receptor =B1433+1 (sensitive receptor: C1392)
 DISCCART 408112.500053769 3758137.50198172 0.00 1.50
 ** receptor =B1434+1 (sensitive receptor: C1393)
 DISCCART 405962.503349551 3758562.50547349 305.00 1.50
 ** receptor =B1435+1 (sensitive receptor: C1394)
 DISCCART 406012.497903518 3758562.50547349 310.40 1.50
 ** receptor =B1436+1 (sensitive receptor: C1395)
 DISCCART 406062.500703329 3758562.50547349 313.60 1.50
 ** receptor =B1437+1 (sensitive receptor: C1396)
 DISCCART 406112.495257296 3758562.50547349 318.20 1.50
 ** receptor =B1438+1 (sensitive receptor: C1397)
 DISCCART 406162.498057107 3758562.50547349 322.40 1.50
 ** receptor =B1439+1 (sensitive receptor: C1398)
 DISCCART 406212.500856919 3758562.50547349 328.40 1.50
 ** receptor =B1440+1 (sensitive receptor: C1399)
 DISCCART 406262.495410886 3758562.50547349 335.50 1.50
 ** receptor =B1441+1 (sensitive receptor: C1400)
 DISCCART 406312.498210697 3758562.50547349 341.60 1.50
 ** receptor =B1442+1 (sensitive receptor: C1401)
 DISCCART 406362.501010508 3758562.50547349 345.30 1.50
 ** receptor =B1443+1 (sensitive receptor: C1402)
 DISCCART 406412.503810319 3758562.50547349 351.00 1.50
 ** receptor =B1444+1 (sensitive receptor: C1403)
 DISCCART 406462.498364286 3758562.50547349 354.70 1.50
 ** receptor =B1445+1 (sensitive receptor: C1404)
 DISCCART 405962.503349551 3760012.50033123 750.90 1.50
 ** receptor =B1446+1 (sensitive receptor: C1405)
 DISCCART 405962.503349551 3759962.50050855 743.80 1.50
 ** receptor =B1447+1 (sensitive receptor: C1406)
 DISCCART 405962.503349551 3759912.50068587 723.60 1.50
 ** receptor =B1448+1 (sensitive receptor: C1407)
 DISCCART 405962.503349551 3759862.50086319 669.10 1.50
 ** receptor =B1449+1 (sensitive receptor: C1408)
 DISCCART 405962.503349551 3759812.50104051 634.60 1.50
 ** receptor =B1450+1 (sensitive receptor: C1409)
 DISCCART 405962.503349551 3759762.50121783 620.30 1.50
 ** receptor =B1451+1 (sensitive receptor: C1410)
 DISCCART 405962.503349551 3759712.50139515 564.10 1.50
 ** receptor =B1452+1 (sensitive receptor: C1411)
 DISCCART 405962.503349551 3759662.50157247 540.40 1.50
 ** receptor =B1453+1 (sensitive receptor: C1412)
 DISCCART 405962.503349551 3759612.50174979 524.00 1.50
 ** receptor =B1454+1 (sensitive receptor: C1413)
 DISCCART 405962.503349551 3759562.5019271 515.20 1.50
 ** receptor =B1455+1 (sensitive receptor: C1414)
 DISCCART 405962.503349551 3759512.50210442 526.20 1.50
 ** receptor =B1456+1 (sensitive receptor: C1415)
 DISCCART 405962.503349551 3759462.50228174 524.00 1.50
 ** receptor =B1457+1 (sensitive receptor: C1416)
 DISCCART 405962.503349551 3759412.50245906 505.00 1.50
 ** receptor =B1458+1 (sensitive receptor: C1417)
 DISCCART 405962.503349551 3759362.50263638 471.70 1.50
 ** receptor =B1459+1 (sensitive receptor: C1418)
 DISCCART 405962.503349551 3759312.5028137 439.90 1.50
 ** receptor =B1460+1 (sensitive receptor: C1419)
 DISCCART 405962.503349551 3759262.50299102 407.50 1.50
 ** receptor =B1461+1 (sensitive receptor: C1420)
 DISCCART 405962.503349551 3759212.50316834 382.00 1.50
 ** receptor =B1462+1 (sensitive receptor: C1421)
 DISCCART 405962.503349551 3759162.50334566 375.50 1.50
 ** receptor =B1463+1 (sensitive receptor: C1422)
 DISCCART 405962.503349551 3759112.50352298 368.90 1.50
 ** receptor =B1464+1 (sensitive receptor: C1423)
 DISCCART 405962.503349551 3759062.5037003 360.80 1.50
 ** receptor =B1465+1 (sensitive receptor: C1424)
 DISCCART 405962.503349551 3759012.50387762 356.30 1.50
 ** receptor =B1466+1 (sensitive receptor: C1425)
 DISCCART 405962.503349551 3758962.50405494 351.90 1.50
 ** receptor =B1467+1 (sensitive receptor: C1426)

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NOx Peak Hour Emissions Mitigated

** DISCCART	405962.503349551	3758912.50423226	344.80	1.50
** receptor	=B1468+1 (sensitive receptor: C1427)			
** DISCCART	405962.503349551	3758862.50440957	339.90	1.50
** receptor	=B1469+1 (sensitive receptor: C1428)			
** DISCCART	405962.503349551	3758812.50458689	334.60	1.50
** receptor	=B1470+1 (sensitive receptor: C1429)			
** DISCCART	405962.503349551	3758762.50476421	326.80	1.50
** receptor	=B1471+1 (sensitive receptor: C1430)			
** DISCCART	405962.503349551	3758712.50494153	321.40	1.50
** receptor	=B1472+1 (sensitive receptor: C1431)			
** DISCCART	405962.503349551	3758662.50511885	315.30	1.50
** receptor	=B1473+1 (sensitive receptor: C1432)			
** DISCCART	405962.503349551	3758612.50529617	311.60	1.50
** receptor	=B1474+1 (sensitive receptor: C1433)			
** DISCCART	406012.497903518	3760012.50033123	745.20	1.50
** receptor	=B1475+1 (sensitive receptor: C1434)			
** DISCCART	406012.497903518	3759962.50050855	709.30	1.50
** receptor	=B1476+1 (sensitive receptor: C1435)			
** DISCCART	406012.497903518	3759912.50068587	657.10	1.50
** receptor	=B1477+1 (sensitive receptor: C1436)			
** DISCCART	406012.497903518	3759862.50086319	652.70	1.50
** receptor	=B1478+1 (sensitive receptor: C1437)			
** DISCCART	406012.497903518	3759812.50104051	630.20	1.50
** receptor	=B1479+1 (sensitive receptor: C1438)			
** DISCCART	406012.497903518	3759762.50121783	621.20	1.50
** receptor	=B1480+1 (sensitive receptor: C1439)			
** DISCCART	406012.497903518	3759712.50139515	609.80	1.50
** receptor	=B1481+1 (sensitive receptor: C1440)			
** DISCCART	406012.497903518	3759662.50157247	547.00	1.50
** receptor	=B1482+1 (sensitive receptor: C1441)			
** DISCCART	406012.497903518	3759612.50174979	536.20	1.50
** receptor	=B1483+1 (sensitive receptor: C1442)			
** DISCCART	406012.497903518	3759562.5019271	527.20	1.50
** receptor	=B1484+1 (sensitive receptor: C1443)			
** DISCCART	406012.497903518	3759512.50210442	527.40	1.50
** receptor	=B1485+1 (sensitive receptor: C1444)			
** DISCCART	406012.497903518	3759462.50228174	510.20	1.50
** receptor	=B1486+1 (sensitive receptor: C1445)			
** DISCCART	406012.497903518	3759412.50245906	484.30	1.50
** receptor	=B1487+1 (sensitive receptor: C1446)			
** DISCCART	406012.497903518	3759362.50263638	463.80	1.50
** receptor	=B1488+1 (sensitive receptor: C1447)			
** DISCCART	406012.497903518	3759312.5028137	437.80	1.50
** receptor	=B1489+1 (sensitive receptor: C1448)			
** DISCCART	406012.497903518	3759262.50299102	416.70	1.50
** receptor	=B1490+1 (sensitive receptor: C1449)			
** DISCCART	406012.497903518	3759212.50316834	383.40	1.50
** receptor	=B1491+1 (sensitive receptor: C1450)			
** DISCCART	406012.497903518	3759162.50334566	380.50	1.50
** receptor	=B1492+1 (sensitive receptor: C1451)			
** DISCCART	406012.497903518	3759112.50352298	374.40	1.50
** receptor	=B1493+1 (sensitive receptor: C1452)			
** DISCCART	406012.497903518	3759062.5037003	366.10	1.50
** receptor	=B1494+1 (sensitive receptor: C1453)			
** DISCCART	406012.497903518	3759012.50387762	359.70	1.50
** receptor	=B1495+1 (sensitive receptor: C1454)			
** DISCCART	406012.497903518	3758962.50405494	358.00	1.50
** receptor	=B1496+1 (sensitive receptor: C1455)			
** DISCCART	406012.497903518	3758912.50423226	351.40	1.50
** receptor	=B1497+1 (sensitive receptor: C1456)			
** DISCCART	406012.497903518	3758862.50440957	342.70	1.50
** receptor	=B1498+1 (sensitive receptor: C1457)			
** DISCCART	406012.497903518	3758812.50458689	336.60	1.50
** receptor	=B1499+1 (sensitive receptor: C1458)			
** DISCCART	406012.497903518	3758762.50476421	331.70	1.50
** receptor	=B1500+1 (sensitive receptor: C1459)			
** DISCCART	406012.497903518	3758712.50494153	324.70	1.50
** receptor	=B1501+1 (sensitive receptor: C1460)			
** DISCCART	406012.497903518	3758662.50511885	318.20	1.50
** receptor	=B1502+1 (sensitive receptor: C1461)			
** DISCCART	406012.497903518	3758612.50529617	313.60	1.50
** receptor	=B1503+1 (sensitive receptor: C1462)			
** DISCCART	406062.500703329	3760012.50033123	693.70	1.50
** receptor	=B1504+1 (sensitive receptor: C1463)			
** DISCCART	406062.500703329	3759812.50104051	547.90	1.50
** receptor	=B1505+1 (sensitive receptor: C1464)			

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DISCCART 406062.500703329 3759762.50121783 539.90 1.50
 ** receptor =B1506+1 (sensitive receptor: C1465)
 DISCCART 406062.500703329 3759712.50139515 551.10 1.50
 ** receptor =B1507+1 (sensitive receptor: C1466)
 DISCCART 406062.500703329 3759662.50157247 527.90 1.50
 ** receptor =B1508+1 (sensitive receptor: C1467)
 DISCCART 406062.500703329 3759612.50174979 525.00 1.50
 ** receptor =B1509+1 (sensitive receptor: C1468)
 DISCCART 406062.500703329 3759562.5019271 495.30 1.50
 ** receptor =B1510+1 (sensitive receptor: C1469)
 DISCCART 406062.500703329 3759512.50210442 470.80 1.50
 ** receptor =B1511+1 (sensitive receptor: C1470)
 DISCCART 406062.500703329 3759462.50228174 464.00 1.50
 ** receptor =B1512+1 (sensitive receptor: C1471)
 DISCCART 406062.500703329 3759412.50245906 448.20 1.50
 ** receptor =B1513+1 (sensitive receptor: C1472)
 DISCCART 406062.500703329 3759362.50263638 430.30 1.50
 ** receptor =B1514+1 (sensitive receptor: C1473)
 DISCCART 406062.500703329 3759312.5028137 423.40 1.50
 ** receptor =B1515+1 (sensitive receptor: C1474)
 DISCCART 406062.500703329 3759262.50299102 395.60 1.50
 ** receptor =B1516+1 (sensitive receptor: C1475)
 DISCCART 406062.500703329 3759212.50316834 392.40 1.50
 ** receptor =B1517+1 (sensitive receptor: C1476)
 DISCCART 406062.500703329 3759162.50334566 387.00 1.50
 ** receptor =B1518+1 (sensitive receptor: C1477)
 DISCCART 406062.500703329 3759112.50352298 380.50 1.50
 ** receptor =B1519+1 (sensitive receptor: C1478)
 DISCCART 406062.500703329 3759062.5037003 373.90 1.50
 ** receptor =B1520+1 (sensitive receptor: C1479)
 DISCCART 406062.500703329 3759012.50387762 368.30 1.50
 ** receptor =B1521+1 (sensitive receptor: C1480)
 DISCCART 406062.500703329 3758962.50405494 364.10 1.50
 ** receptor =B1522+1 (sensitive receptor: C1481)
 DISCCART 406062.500703329 3758912.50423226 356.30 1.50
 ** receptor =B1523+1 (sensitive receptor: C1482)
 DISCCART 406062.500703329 3758862.50440957 348.60 1.50
 ** receptor =B1524+1 (sensitive receptor: C1483)
 DISCCART 406062.500703329 3758812.50458689 342.70 1.50
 ** receptor =B1525+1 (sensitive receptor: C1484)
 DISCCART 406062.500703329 3758762.50476421 335.00 1.50
 ** receptor =B1526+1 (sensitive receptor: C1485)
 DISCCART 406062.500703329 3758712.50494153 328.40 1.50
 ** receptor =B1527+1 (sensitive receptor: C1486)
 DISCCART 406062.500703329 3758662.50511885 321.90 1.50
 ** receptor =B1528+1 (sensitive receptor: C1487)
 DISCCART 406062.500703329 3758612.50529617 318.20 1.50
 ** receptor =B1529+1 (sensitive receptor: C1488)
 DISCCART 406112.495257296 3760012.50033123 615.50 1.50
 ** receptor =B1530+1 (sensitive receptor: C1489)
 DISCCART 406112.495257296 3759812.50104051 485.40 1.50
 ** receptor =B1531+1 (sensitive receptor: C1490)
 DISCCART 406112.495257296 3759762.50121783 483.30 1.50
 ** receptor =B1532+1 (sensitive receptor: C1491)
 DISCCART 406112.495257296 3759712.50139515 478.00 1.50
 ** receptor =B1533+1 (sensitive receptor: C1492)
 DISCCART 406112.495257296 3759662.50157247 472.20 1.50
 ** receptor =B1534+1 (sensitive receptor: C1493)
 DISCCART 406112.495257296 3759612.50174979 469.00 1.50
 ** receptor =B1535+1 (sensitive receptor: C1494)
 DISCCART 406112.495257296 3759562.5019271 465.80 1.50
 ** receptor =B1536+1 (sensitive receptor: C1495)
 DISCCART 406112.495257296 3759512.50210442 461.50 1.50
 ** receptor =B1537+1 (sensitive receptor: C1496)
 DISCCART 406112.495257296 3759462.50228174 431.40 1.50
 ** receptor =B1538+1 (sensitive receptor: C1497)
 DISCCART 406112.495257296 3759412.50245906 422.30 1.50
 ** receptor =B1539+1 (sensitive receptor: C1498)
 DISCCART 406112.495257296 3759362.50263638 418.40 1.50
 ** receptor =B1540+1 (sensitive receptor: C1499)
 DISCCART 406112.495257296 3759312.5028137 417.50 1.50
 ** receptor =B1541+1 (sensitive receptor: C1500)
 DISCCART 406112.495257296 3759262.50299102 412.50 1.50
 ** receptor =B1542+1 (sensitive receptor: C1501)
 DISCCART 406112.495257296 3759212.50316834 400.60 1.50
 ** receptor =B1543+1 (sensitive receptor: C1502)

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** DISCCART	406112.495257296	3759162.50334566	394.00	1.50
** receptor	=B1544+1 (sensitive receptor: C1503)			
** DISCCART	406112.495257296	3759112.50352298	387.50	1.50
** receptor	=B1545+1 (sensitive receptor: C1504)			
** DISCCART	406112.495257296	3759062.5037003	380.50	1.50
** receptor	=B1546+1 (sensitive receptor: C1505)			
** DISCCART	406112.495257296	3759012.50387762	377.20	1.50
** receptor	=B1547+1 (sensitive receptor: C1506)			
** DISCCART	406112.495257296	3758962.50405494	369.40	1.50
** receptor	=B1548+1 (sensitive receptor: C1507)			
** DISCCART	406112.495257296	3758912.50423226	362.80	1.50
** receptor	=B1549+1 (sensitive receptor: C1508)			
** DISCCART	406112.495257296	3758862.50440957	356.30	1.50
** receptor	=B1550+1 (sensitive receptor: C1509)			
** DISCCART	406112.495257296	3758812.50458689	347.70	1.50
** receptor	=B1551+1 (sensitive receptor: C1510)			
** DISCCART	406112.495257296	3758762.50476421	339.90	1.50
** receptor	=B1552+1 (sensitive receptor: C1511)			
** DISCCART	406112.495257296	3758712.50494153	333.30	1.50
** receptor	=B1553+1 (sensitive receptor: C1512)			
** DISCCART	406112.495257296	3758662.50511885	326.80	1.50
** receptor	=B1554+1 (sensitive receptor: C1513)			
** DISCCART	406112.495257296	3758612.50529617	321.40	1.50
** receptor	=B1555+1 (sensitive receptor: C1514)			
** DISCCART	406162.498057107	3760012.50033123	522.00	1.50
** receptor	=B1556+1 (sensitive receptor: C1515)			
** DISCCART	406162.498057107	3759812.50104051	499.50	1.50
** receptor	=B1557+1 (sensitive receptor: C1516)			
** DISCCART	406162.498057107	3759462.50228174	445.40	1.50
** receptor	=B1558+1 (sensitive receptor: C1517)			
** DISCCART	406162.498057107	3759412.50245906	457.10	1.50
** receptor	=B1559+1 (sensitive receptor: C1518)			
** DISCCART	406162.498057107	3759362.50263638	450.40	1.50
** receptor	=B1560+1 (sensitive receptor: C1519)			
** DISCCART	406162.498057107	3759312.5028137	446.90	1.50
** receptor	=B1561+1 (sensitive receptor: C1520)			
** DISCCART	406162.498057107	3759262.50299102	421.80	1.50
** receptor	=B1562+1 (sensitive receptor: C1521)			
** DISCCART	406162.498057107	3759212.50316834	408.80	1.50
** receptor	=B1563+1 (sensitive receptor: C1522)			
** DISCCART	406162.498057107	3759162.50334566	400.60	1.50
** receptor	=B1564+1 (sensitive receptor: C1523)			
** DISCCART	406162.498057107	3759112.50352298	393.60	1.50
** receptor	=B1565+1 (sensitive receptor: C1524)			
** DISCCART	406162.498057107	3759062.5037003	387.00	1.50
** receptor	=B1566+1 (sensitive receptor: C1525)			
** DISCCART	406162.498057107	3759012.50387762	382.50	1.50
** receptor	=B1567+1 (sensitive receptor: C1526)			
** DISCCART	406162.498057107	3758962.50405494	377.60	1.50
** receptor	=B1568+1 (sensitive receptor: C1527)			
** DISCCART	406162.498057107	3758912.50423226	367.40	1.50
** receptor	=B1569+1 (sensitive receptor: C1528)			
** DISCCART	406162.498057107	3758862.50440957	360.80	1.50
** receptor	=B1570+1 (sensitive receptor: C1529)			
** DISCCART	406162.498057107	3758812.50458689	352.50	1.50
** receptor	=B1571+1 (sensitive receptor: C1530)			
** DISCCART	406162.498057107	3758762.50476421	343.20	1.50
** receptor	=B1572+1 (sensitive receptor: C1531)			
** DISCCART	406162.498057107	3758712.50494153	336.10	1.50
** receptor	=B1573+1 (sensitive receptor: C1532)			
** DISCCART	406162.498057107	3758662.50511885	331.30	1.50
** receptor	=B1574+1 (sensitive receptor: C1533)			
** DISCCART	406162.498057107	3758612.50529617	325.60	1.50
** receptor	=B1575+1 (sensitive receptor: C1534)			
** DISCCART	406212.500856919	3759412.50245906	483.40	1.50
** receptor	=B1576+1 (sensitive receptor: C1535)			
** DISCCART	406212.500856919	3759362.50263638	474.30	1.50
** receptor	=B1577+1 (sensitive receptor: C1536)			
** DISCCART	406212.500856919	3759312.5028137	454.20	1.50
** receptor	=B1578+1 (sensitive receptor: C1537)			
** DISCCART	406212.500856919	3759262.50299102	433.30	1.50
** receptor	=B1579+1 (sensitive receptor: C1538)			
** DISCCART	406212.500856919	3759212.50316834	415.30	1.50
** receptor	=B1580+1 (sensitive receptor: C1539)			
** DISCCART	406212.500856919	3759162.50334566	405.50	1.50
** receptor	=B1581+1 (sensitive receptor: C1540)			

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** DISCCART	406212.500856919	3759112.50352298	398.90	1.50
** receptor	=B1582+1 (sensitive receptor: C1541)			
** DISCCART	406212.500856919	3759062.5037003	393.60	1.50
** receptor	=B1583+1 (sensitive receptor: C1542)			
** DISCCART	406212.500856919	3759012.50387762	385.80	1.50
** receptor	=B1584+1 (sensitive receptor: C1543)			
** DISCCART	406212.500856919	3758962.50405494	380.50	1.50
** receptor	=B1585+1 (sensitive receptor: C1544)			
** DISCCART	406212.500856919	3758912.50423226	371.10	1.50
** receptor	=B1586+1 (sensitive receptor: C1545)			
** DISCCART	406212.500856919	3758862.50440957	362.80	1.50
** receptor	=B1587+1 (sensitive receptor: C1546)			
** DISCCART	406212.500856919	3758812.50458689	355.80	1.50
** receptor	=B1588+1 (sensitive receptor: C1547)			
** DISCCART	406212.500856919	3758762.50476421	344.80	1.50
** receptor	=B1589+1 (sensitive receptor: C1548)			
** DISCCART	406212.500856919	3758712.50494153	338.30	1.50
** receptor	=B1590+1 (sensitive receptor: C1549)			
** DISCCART	406212.500856919	3758662.50511885	334.60	1.50
** receptor	=B1591+1 (sensitive receptor: C1550)			
** DISCCART	406212.500856919	3758612.50529617	331.70	1.50
** receptor	=B1592+1 (sensitive receptor: C1551)			
** DISCCART	406262.495410886	3759412.50245906	499.50	1.50
** receptor	=B1593+1 (sensitive receptor: C1552)			
** DISCCART	406262.495410886	3759362.50263638	473.10	1.50
** receptor	=B1594+1 (sensitive receptor: C1553)			
** DISCCART	406262.495410886	3759312.5028137	453.10	1.50
** receptor	=B1595+1 (sensitive receptor: C1554)			
** DISCCART	406262.495410886	3759262.50299102	440.00	1.50
** receptor	=B1596+1 (sensitive receptor: C1555)			
** DISCCART	406262.495410886	3759212.50316834	421.40	1.50
** receptor	=B1597+1 (sensitive receptor: C1556)			
** DISCCART	406262.495410886	3759162.50334566	411.60	1.50
** receptor	=B1598+1 (sensitive receptor: C1557)			
** DISCCART	406262.495410886	3759112.50352298	403.40	1.50
** receptor	=B1599+1 (sensitive receptor: C1558)			
** DISCCART	406262.495410886	3759062.5037003	396.90	1.50
** receptor	=B1600+1 (sensitive receptor: C1559)			
** DISCCART	406262.495410886	3759012.50387762	387.00	1.50
** receptor	=B1601+1 (sensitive receptor: C1560)			
** DISCCART	406262.495410886	3758962.50405494	380.50	1.50
** receptor	=B1602+1 (sensitive receptor: C1561)			
** DISCCART	406262.495410886	3758912.50423226	372.20	1.50
** receptor	=B1603+1 (sensitive receptor: C1562)			
** DISCCART	406262.495410886	3758862.50440957	362.40	1.50
** receptor	=B1604+1 (sensitive receptor: C1563)			
** DISCCART	406262.495410886	3758812.50458689	355.80	1.50
** receptor	=B1605+1 (sensitive receptor: C1564)			
** DISCCART	406262.495410886	3758762.50476421	347.70	1.50
** receptor	=B1606+1 (sensitive receptor: C1565)			
** DISCCART	406262.495410886	3758712.50494153	343.20	1.50
** receptor	=B1607+1 (sensitive receptor: C1566)			
** DISCCART	406262.495410886	3758662.50511885	338.30	1.50
** receptor	=B1608+1 (sensitive receptor: C1567)			
** DISCCART	406262.495410886	3758612.50529617	336.60	1.50
** receptor	=B1609+1 (sensitive receptor: C1568)			
** DISCCART	406312.498210697	3759412.50245906	508.40	1.50
** receptor	=B1610+1 (sensitive receptor: C1569)			
** DISCCART	406312.498210697	3759362.50263638	489.00	1.50
** receptor	=B1611+1 (sensitive receptor: C1570)			
** DISCCART	406312.498210697	3759312.5028137	458.40	1.50
** receptor	=B1612+1 (sensitive receptor: C1571)			
** DISCCART	406312.498210697	3759262.50299102	444.40	1.50
** receptor	=B1613+1 (sensitive receptor: C1572)			
** DISCCART	406312.498210697	3759212.50316834	428.00	1.50
** receptor	=B1614+1 (sensitive receptor: C1573)			
** DISCCART	406312.498210697	3759162.50334566	415.30	1.50
** receptor	=B1615+1 (sensitive receptor: C1574)			
** DISCCART	406312.498210697	3759112.50352298	405.00	1.50
** receptor	=B1616+1 (sensitive receptor: C1575)			
** DISCCART	406312.498210697	3759062.5037003	396.90	1.50
** receptor	=B1617+1 (sensitive receptor: C1576)			
** DISCCART	406312.498210697	3759012.50387762	388.60	1.50
** receptor	=B1618+1 (sensitive receptor: C1577)			
** DISCCART	406312.498210697	3758962.50405494	378.80	1.50
** receptor	=B1619+1 (sensitive receptor: C1578)			

Appendix B

NOx Peak Hour Emissions Mitigated

** DISCCART	406312.498210697	3758912.50423226	370.60	1.50
** receptor	=B1620+1 (sensitive receptor: C1579)			
** DISCCART	406312.498210697	3758862.50440957	364.10	1.50
** receptor	=B1621+1 (sensitive receptor: C1580)			
** DISCCART	406312.498210697	3758812.50458689	357.50	1.50
** receptor	=B1622+1 (sensitive receptor: C1581)			
** DISCCART	406312.498210697	3758762.50476421	351.00	1.50
** receptor	=B1623+1 (sensitive receptor: C1582)			
** DISCCART	406312.498210697	3758712.50494153	344.80	1.50
** receptor	=B1624+1 (sensitive receptor: C1583)			
** DISCCART	406312.498210697	3758662.50511885	343.20	1.50
** receptor	=B1625+1 (sensitive receptor: C1584)			
** DISCCART	406312.498210697	3758612.50529617	342.00	1.50
** receptor	=B1626+1 (sensitive receptor: C1585)			
** DISCCART	406362.501010508	3759412.50245906	488.00	1.50
** receptor	=B1627+1 (sensitive receptor: C1586)			
** DISCCART	406362.501010508	3759362.50263638	481.90	1.50
** receptor	=B1628+1 (sensitive receptor: C1587)			
** DISCCART	406362.501010508	3759312.5028137	457.50	1.50
** receptor	=B1629+1 (sensitive receptor: C1588)			
** DISCCART	406362.501010508	3759262.50299102	440.60	1.50
** receptor	=B1630+1 (sensitive receptor: C1589)			
** DISCCART	406362.501010508	3759212.50316834	429.70	1.50
** receptor	=B1631+1 (sensitive receptor: C1590)			
** DISCCART	406362.501010508	3759162.50334566	417.00	1.50
** receptor	=B1632+1 (sensitive receptor: C1591)			
** DISCCART	406362.501010508	3759112.50352298	407.20	1.50
** receptor	=B1633+1 (sensitive receptor: C1592)			
** DISCCART	406362.501010508	3759062.5037003	398.40	1.50
** receptor	=B1634+1 (sensitive receptor: C1593)			
** DISCCART	406362.501010508	3759012.50387762	389.10	1.50
** receptor	=B1635+1 (sensitive receptor: C1594)			
** DISCCART	406362.501010508	3758962.50405494	380.50	1.50
** receptor	=B1636+1 (sensitive receptor: C1595)			
** DISCCART	406362.501010508	3758912.50423226	372.20	1.50
** receptor	=B1637+1 (sensitive receptor: C1596)			
** DISCCART	406362.501010508	3758862.50440957	361.90	1.50
** receptor	=B1638+1 (sensitive receptor: C1597)			
** DISCCART	406362.501010508	3758812.50458689	356.60	1.50
** receptor	=B1639+1 (sensitive receptor: C1598)			
** DISCCART	406362.501010508	3758762.50476421	353.00	1.50
** receptor	=B1640+1 (sensitive receptor: C1599)			
** DISCCART	406362.501010508	3758712.50494153	351.00	1.50
** receptor	=B1641+1 (sensitive receptor: C1600)			
** DISCCART	406362.501010508	3758662.50511885	349.70	1.50
** receptor	=B1642+1 (sensitive receptor: C1601)			
** DISCCART	406362.501010508	3758612.50529617	347.70	1.50
** receptor	=B1643+1 (sensitive receptor: C1602)			
** DISCCART	406412.503810319	3759312.5028137	452.60	1.50
** receptor	=B1644+1 (sensitive receptor: C1603)			
** DISCCART	406412.503810319	3759262.50299102	442.80	1.50
** receptor	=B1645+1 (sensitive receptor: C1604)			
** DISCCART	406412.503810319	3759212.50316834	431.70	1.50
** receptor	=B1646+1 (sensitive receptor: C1605)			
** DISCCART	406412.503810319	3759162.50334566	418.10	1.50
** receptor	=B1647+1 (sensitive receptor: C1606)			
** DISCCART	406412.503810319	3759112.50352298	408.30	1.50
** receptor	=B1648+1 (sensitive receptor: C1607)			
** DISCCART	406412.503810319	3759062.5037003	399.70	1.50
** receptor	=B1649+1 (sensitive receptor: C1608)			
** DISCCART	406412.503810319	3759012.50387762	391.90	1.50
** receptor	=B1650+1 (sensitive receptor: C1609)			
** DISCCART	406412.503810319	3758962.50405494	382.00	1.50
** receptor	=B1651+1 (sensitive receptor: C1610)			
** DISCCART	406412.503810319	3758912.50423226	372.20	1.50
** receptor	=B1652+1 (sensitive receptor: C1611)			
** DISCCART	406412.503810319	3758862.50440957	358.60	1.50
** receptor	=B1653+1 (sensitive receptor: C1612)			
** DISCCART	406412.503810319	3758812.50458689	356.30	1.50
** receptor	=B1654+1 (sensitive receptor: C1613)			
** DISCCART	406412.503810319	3758762.50476421	356.40	1.50
** receptor	=B1655+1 (sensitive receptor: C1614)			
** DISCCART	406412.503810319	3758712.50494153	357.50	1.50
** receptor	=B1656+1 (sensitive receptor: C1615)			
** DISCCART	406412.503810319	3758662.50511885	357.50	1.50
** receptor	=B1657+1 (sensitive receptor: C1616)			

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** DISCCART	406412.503810319	3758612.50529617	354.20	1.50
** receptor	=B1658+1 (sensitive receptor: C1617)			
** DISCCART	406462.498364286	3759312.5028137	452.60	1.50
** receptor	=B1659+1 (sensitive receptor: C1618)			
** DISCCART	406462.498364286	3759262.50299102	443.20	1.50
** receptor	=B1660+1 (sensitive receptor: C1619)			
** DISCCART	406462.498364286	3759212.50316834	431.20	1.50
** receptor	=B1661+1 (sensitive receptor: C1620)			
** DISCCART	406462.498364286	3759162.50334566	418.10	1.50
** receptor	=B1662+1 (sensitive receptor: C1621)			
** DISCCART	406462.498364286	3759112.50352298	408.30	1.50
** receptor	=B1663+1 (sensitive receptor: C1622)			
** DISCCART	406462.498364286	3759062.5037003	396.90	1.50
** receptor	=B1664+1 (sensitive receptor: C1623)			
** DISCCART	406462.498364286	3759012.50387762	391.90	1.50
** receptor	=B1665+1 (sensitive receptor: C1624)			
** DISCCART	406462.498364286	3758962.50405494	384.20	1.50
** receptor	=B1666+1 (sensitive receptor: C1625)			
** DISCCART	406462.498364286	3758912.50423226	376.40	1.50
** receptor	=B1667+1 (sensitive receptor: C1626)			
** DISCCART	406462.498364286	3758862.50440957	361.70	1.50
** receptor	=B1668+1 (sensitive receptor: C1627)			
** DISCCART	406462.498364286	3758812.50458689	359.70	1.50
** receptor	=B1669+1 (sensitive receptor: C1628)			
** DISCCART	406462.498364286	3758762.50476421	363.00	1.50
** receptor	=B1670+1 (sensitive receptor: C1629)			
** DISCCART	406462.498364286	3758712.50494153	363.00	1.50
** receptor	=B1671+1 (sensitive receptor: C1630)			
** DISCCART	406462.498364286	3758662.50511885	360.80	1.50
** receptor	=B1672+1 (sensitive receptor: C1631)			
** DISCCART	406462.498364286	3758612.50529617	357.50	1.50
** receptor	=B1673+1 (sensitive receptor: C1632)			
** DISCCART	406512.501164097	3759262.50299102	446.10	1.50
** receptor	=B1674+1 (sensitive receptor: C1633)			
** DISCCART	406512.501164097	3759212.50316834	433.30	1.50
** receptor	=B1675+1 (sensitive receptor: C1634)			
** DISCCART	406512.501164097	3759162.50334566	418.10	1.50
** receptor	=B1676+1 (sensitive receptor: C1635)			
** DISCCART	406512.501164097	3759112.50352298	410.00	1.50
** receptor	=B1677+1 (sensitive receptor: C1636)			
** DISCCART	406512.501164097	3759062.5037003	402.20	1.50
** receptor	=B1678+1 (sensitive receptor: C1637)			
** DISCCART	406512.501164097	3759012.50387762	394.00	1.50
** receptor	=B1679+1 (sensitive receptor: C1638)			
** DISCCART	406512.501164097	3758962.50405494	384.90	1.50
** receptor	=B1680+1 (sensitive receptor: C1639)			
** DISCCART	406512.501164097	3758912.50423226	378.80	1.50
** receptor	=B1681+1 (sensitive receptor: C1640)			
** DISCCART	406512.501164097	3758862.50440957	371.60	1.50
** receptor	=B1682+1 (sensitive receptor: C1641)			
** DISCCART	406512.501164097	3758812.50458689	374.80	1.50
** receptor	=B1683+1 (sensitive receptor: C1642)			
** DISCCART	406512.501164097	3758762.50476421	372.70	1.50
** receptor	=B1684+1 (sensitive receptor: C1643)			
** DISCCART	406512.501164097	3758712.50494153	370.60	1.50
** receptor	=B1685+1 (sensitive receptor: C1644)			
** DISCCART	406512.501164097	3758662.50511885	367.40	1.50
** receptor	=B1686+1 (sensitive receptor: C1645)			
** DISCCART	406512.501164097	3758612.50529617	362.80	1.50
** receptor	=B1687+1 (sensitive receptor: C1646)			
** DISCCART	406537.502564003	3758562.50547349	360.80	1.50
** receptor	=B1688+1 (sensitive receptor: C1647)			
** DISCCART	406562.495718064	3759262.50299102	450.90	1.50
** receptor	=B1689+1 (sensitive receptor: C1648)			
** DISCCART	406562.495718064	3759212.50316834	438.30	1.50
** receptor	=B1690+1 (sensitive receptor: C1649)			
** DISCCART	406562.495718064	3759162.50334566	425.60	1.50
** receptor	=B1691+1 (sensitive receptor: C1650)			
** DISCCART	406562.495718064	3759112.50352298	415.30	1.50
** receptor	=B1692+1 (sensitive receptor: C1651)			
** DISCCART	406562.495718064	3759062.5037003	406.70	1.50
** receptor	=B1693+1 (sensitive receptor: C1652)			
** DISCCART	406562.495718064	3759012.50387762	398.40	1.50
** receptor	=B1694+1 (sensitive receptor: C1653)			
** DISCCART	406562.495718064	3758962.50405494	383.00	1.50
** receptor	=B1695+1 (sensitive receptor: C1654)			

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** DISCCART	406562.495718064	3758912.50423226	381.40	1.50
** receptor	=B1696+1 (sensitive receptor: C1655)			
** DISCCART	406562.495718064	3758862.50440957	384.70	1.50
** receptor	=B1697+1 (sensitive receptor: C1656)			
** DISCCART	406562.495718064	3758812.50458689	383.80	1.50
** receptor	=B1698+1 (sensitive receptor: C1657)			
** DISCCART	406562.495718064	3758762.50476421	380.50	1.50
** receptor	=B1699+1 (sensitive receptor: C1658)			
** DISCCART	406562.495718064	3758712.50494153	377.20	1.50
** receptor	=B1700+1 (sensitive receptor: C1659)			
** DISCCART	406562.495718064	3758662.50511885	372.70	1.50
** receptor	=B1701+1 (sensitive receptor: C1660)			
** DISCCART	406562.495718064	3758612.50529617	367.40	1.50
** receptor	=B1702+1 (sensitive receptor: C1661)			
** DISCCART	406587.49711797	3758562.50547349	362.40	1.50
** receptor	=B1703+1 (sensitive receptor: C1662)			
** DISCCART	406612.498517875	3759212.50316834	447.60	1.50
** receptor	=B1704+1 (sensitive receptor: C1663)			
** DISCCART	406612.498517875	3759162.50334566	435.00	1.50
** receptor	=B1705+1 (sensitive receptor: C1664)			
** DISCCART	406612.498517875	3759112.50352298	421.90	1.50
** receptor	=B1706+1 (sensitive receptor: C1665)			
** DISCCART	406612.498517875	3759062.5037003	411.60	1.50
** receptor	=B1707+1 (sensitive receptor: C1666)			
** DISCCART	406612.498517875	3759012.50387762	398.40	1.50
** receptor	=B1708+1 (sensitive receptor: C1667)			
** DISCCART	406612.498517875	3758962.50405494	397.40	1.50
** receptor	=B1709+1 (sensitive receptor: C1668)			
** DISCCART	406612.498517875	3758912.50423226	397.40	1.50
** receptor	=B1710+1 (sensitive receptor: C1669)			
** DISCCART	406612.498517875	3758862.50440957	395.60	1.50
** receptor	=B1711+1 (sensitive receptor: C1670)			
** DISCCART	406612.498517875	3758812.50458689	390.80	1.50
** receptor	=B1712+1 (sensitive receptor: C1671)			
** DISCCART	406612.498517875	3758762.50476421	385.30	1.50
** receptor	=B1713+1 (sensitive receptor: C1672)			
** DISCCART	406612.498517875	3758712.50494153	380.90	1.50
** receptor	=B1714+1 (sensitive receptor: C1673)			
** DISCCART	406612.498517875	3758662.50511885	375.50	1.50
** receptor	=B1715+1 (sensitive receptor: C1674)			
** DISCCART	406637.499917781	3758562.50547349	360.80	1.50
** receptor	=B1716+1 (sensitive receptor: C1675)			
** DISCCART	406662.501317687	3759162.50334566	437.80	1.50
** receptor	=B1717+1 (sensitive receptor: C1676)			
** DISCCART	406662.501317687	3759112.50352298	422.60	1.50
** receptor	=B1718+1 (sensitive receptor: C1677)			
** DISCCART	406662.501317687	3759062.5037003	417.00	1.50
** receptor	=B1719+1 (sensitive receptor: C1678)			
** DISCCART	406662.501317687	3759012.50387762	407.60	1.50
** receptor	=B1720+1 (sensitive receptor: C1679)			
** DISCCART	406662.501317687	3758962.50405494	409.40	1.50
** receptor	=B1721+1 (sensitive receptor: C1680)			
** DISCCART	406662.501317687	3758912.50423226	407.20	1.50
** receptor	=B1722+1 (sensitive receptor: C1681)			
** DISCCART	406662.501317687	3758862.50440957	402.20	1.50
** receptor	=B1723+1 (sensitive receptor: C1682)			
** DISCCART	406662.501317687	3758812.50458689	395.20	1.50
** receptor	=B1724+1 (sensitive receptor: C1683)			
** DISCCART	406662.501317687	3758762.50476421	387.00	1.50
** receptor	=B1725+1 (sensitive receptor: C1684)			
** DISCCART	406662.501317687	3758712.50494153	380.50	1.50
** receptor	=B1726+1 (sensitive receptor: C1685)			
** DISCCART	406687.502717592	3758562.50547349	364.90	1.50
** receptor	=B1727+1 (sensitive receptor: C1686)			
** DISCCART	406712.495871654	3759162.50334566	437.80	1.50
** receptor	=B1728+1 (sensitive receptor: C1687)			
** DISCCART	406712.495871654	3759112.50352298	427.30	1.50
** receptor	=B1729+1 (sensitive receptor: C1688)			
** DISCCART	406712.495871654	3759062.5037003	436.00	1.50
** receptor	=B1730+1 (sensitive receptor: C1689)			
** DISCCART	406712.495871654	3759012.50387762	426.80	1.50
** receptor	=B1731+1 (sensitive receptor: C1690)			
** DISCCART	406712.495871654	3758962.50405494	423.10	1.50
** receptor	=B1732+1 (sensitive receptor: C1691)			
** DISCCART	406712.495871654	3758912.50423226	411.60	1.50
** receptor	=B1733+1 (sensitive receptor: C1692)			

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** DISCCART	406712.495871654	3758862.50440957	401.30	1.50
** receptor	=B1734+1 (sensitive receptor: C1693)			
** DISCCART	406712.495871654	3758612.50529617	379.20	1.50
** receptor	=B1735+1 (sensitive receptor: C1694)			
** DISCCART	406737.497271559	3758562.50547349	367.40	1.50
** receptor	=B1736+1 (sensitive receptor: C1695)			
** DISCCART	406762.498671465	3759062.5037003	457.90	1.50
** receptor	=B1737+1 (sensitive receptor: C1696)			
** DISCCART	406762.498671465	3759012.50387762	438.30	1.50
** receptor	=B1738+1 (sensitive receptor: C1697)			
** DISCCART	406762.498671465	3758962.50405494	424.70	1.50
** receptor	=B1739+1 (sensitive receptor: C1698)			
** DISCCART	406762.498671465	3758912.50423226	409.90	1.50
** receptor	=B1740+1 (sensitive receptor: C1699)			
** DISCCART	406762.498671465	3758662.50511885	389.80	1.50
** receptor	=B1741+1 (sensitive receptor: C1700)			
** DISCCART	406762.498671465	3758612.50529617	378.30	1.50
** receptor	=B1742+1 (sensitive receptor: C1701)			
** DISCCART	406787.50007137	3758562.50547349	370.50	1.50
** receptor	=B1743+1 (sensitive receptor: C1702)			
** DISCCART	406812.501471276	3759012.50387762	445.90	1.50
** receptor	=B1744+1 (sensitive receptor: C1703)			
** DISCCART	406812.501471276	3758962.50405494	423.80	1.50
** receptor	=B1745+1 (sensitive receptor: C1704)			
** DISCCART	406812.501471276	3758712.50494153	400.60	1.50
** receptor	=B1746+1 (sensitive receptor: C1705)			
** DISCCART	406812.501471276	3758662.50511885	392.40	1.50
** receptor	=B1747+1 (sensitive receptor: C1706)			
** DISCCART	406812.501471276	3758612.50529617	383.80	1.50
** receptor	=B1748+1 (sensitive receptor: C1707)			
** DISCCART	406837.502871182	3758562.50547349	357.50	1.50
** receptor	=B1749+1 (sensitive receptor: C1708)			
** DISCCART	406862.496025243	3758762.50476421	408.80	1.50
** receptor	=B1750+1 (sensitive receptor: C1709)			
** DISCCART	406862.496025243	3758712.50494153	403.40	1.50
** receptor	=B1751+1 (sensitive receptor: C1710)			
** DISCCART	406862.496025243	3758662.50511885	393.60	1.50
** receptor	=B1752+1 (sensitive receptor: C1711)			
** DISCCART	406862.496025243	3758612.50529617	377.80	1.50
** receptor	=B1753+1 (sensitive receptor: C1712)			
** DISCCART	406887.497425149	3758562.50547349	377.60	1.50
** receptor	=B1754+1 (sensitive receptor: C1713)			
** DISCCART	406912.498825054	3758762.50476421	411.60	1.50
** receptor	=B1755+1 (sensitive receptor: C1714)			
** DISCCART	406912.498825054	3758712.50494153	399.70	1.50
** receptor	=B1756+1 (sensitive receptor: C1715)			
** DISCCART	406912.498825054	3758662.50511885	388.60	1.50
** receptor	=B1757+1 (sensitive receptor: C1716)			
** DISCCART	406912.498825054	3758612.50529617	369.60	1.50
** receptor	=B1758+1 (sensitive receptor: C1717)			
** DISCCART	406937.50022496	3758562.50547349	382.00	1.50
** receptor	=B1759+1 (sensitive receptor: C1718)			
** DISCCART	406962.501624865	3758762.50476421	411.60	1.50
** receptor	=B1760+1 (sensitive receptor: C1719)			
** DISCCART	406962.501624865	3758712.50494153	398.40	1.50
** receptor	=B1761+1 (sensitive receptor: C1720)			
** DISCCART	406962.501624865	3758662.50511885	385.30	1.50
** receptor	=B1762+1 (sensitive receptor: C1721)			
** DISCCART	406962.501624865	3758612.50529617	380.50	1.50
** receptor	=B1763+1 (sensitive receptor: C1722)			
** DISCCART	406987.503024771	3758562.50547349	393.30	1.50
** receptor	=B1764+1 (sensitive receptor: C1723)			
** DISCCART	407012.504424677	3758712.50494153	400.80	1.50
** receptor	=B1765+1 (sensitive receptor: C1724)			
** DISCCART	407012.504424677	3758662.50511885	378.80	1.50
** receptor	=B1766+1 (sensitive receptor: C1725)			
** DISCCART	407012.504424677	3758612.50529617	385.50	1.50
** receptor	=B1767+1 (sensitive receptor: C1726)			
** DISCCART	407037.497578738	3758562.50547349	399.80	1.50
** receptor	=B1768+1 (sensitive receptor: C1727)			
** DISCCART	407062.498978644	3758662.50511885	377.70	1.50
** receptor	=B1769+1 (sensitive receptor: C1728)			
** DISCCART	407062.498978644	3758612.50529617	396.70	1.50
** receptor	=B1770+1 (sensitive receptor: C1729)			
** DISCCART	407087.500378549	3758562.50547349	406.70	1.50
** receptor	=B1771+1 (sensitive receptor: C1730)			

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DISCCART 407112.501778455 3758662.50511885 396.80 1.50
 ** receptor =B1772+1 (sensitive receptor: C1731)
 DISCCART 407112.501778455 3758612.50529617 407.60 1.50
 ** receptor =B1773+1 (sensitive receptor: C1732)
 DISCCART 407137.50317836 3758562.50547349 416.60 1.50
 ** receptor =B1774+1 (sensitive receptor: C1733)
 DISCCART 407162.496332422 3758662.50511885 420.80 1.50
 ** receptor =B1775+1 (sensitive receptor: C1734)
 DISCCART 407162.496332422 3758612.50529617 416.60 1.50
 ** receptor =B1776+1 (sensitive receptor: C1735)
 DISCCART 407187.497732327 3758562.50547349 439.50 1.50
 ** receptor =B1777+1 (sensitive receptor: C1736)
 DISCCART 407212.499132233 3758662.50511885 435.40 1.50
 ** receptor =B1778+1 (sensitive receptor: C1737)
 DISCCART 407212.499132233 3758612.50529617 441.20 1.50
 ** receptor =B1779+1 (sensitive receptor: C1738)
 DISCCART 407237.500532139 3758562.50547349 457.60 1.50
 ** receptor =B1780+1 (sensitive receptor: C1739)
 DISCCART 407262.501932044 3758662.50511885 450.30 1.50
 ** receptor =B1781+1 (sensitive receptor: C1740)
 DISCCART 407262.501932044 3758612.50529617 450.30 1.50
 ** receptor =B1782+1 (sensitive receptor: C1741)
 DISCCART 407287.50333195 3758562.50547349 459.60 1.50
 ** receptor =B1783+1 (sensitive receptor: C1742)
 DISCCART 407312.496486011 3758662.50511885 466.70 1.50
 ** receptor =B1784+1 (sensitive receptor: C1743)
 DISCCART 407312.496486011 3758612.50529617 463.40 1.50
 ** receptor =B1785+1 (sensitive receptor: C1744)
 DISCCART 407337.497885917 3758562.50547349 475.30 1.50
 ** receptor =B1786+1 (sensitive receptor: C1745)
 DISCCART 407362.499285822 3758662.50511885 484.30 1.50
 ** receptor =B1787+1 (sensitive receptor: C1746)
 DISCCART 407362.499285822 3758612.50529617 479.80 1.50
 ** receptor =B1788+1 (sensitive receptor: C1747)
 DISCCART 407387.500685728 3758562.50547349 489.20 1.50
 ** receptor =B1789+1 (sensitive receptor: C1748)
 DISCCART 407412.502085634 3758662.50511885 497.40 1.50
 ** receptor =B1790+1 (sensitive receptor: C1749)
 DISCCART 407412.502085634 3758612.50529617 500.70 1.50
 ** receptor =B1791+1 (sensitive receptor: C1750)
 DISCCART 407437.495239695 3758562.50547349 507.00 1.50
 ** receptor =B1792+1 (sensitive receptor: C1751)
 DISCCART 407462.4966396 3758662.50511885 504.60 1.50
 ** receptor =B1793+1 (sensitive receptor: C1752)
 DISCCART 407462.4966396 3758612.50529617 505.90 1.50
 ** receptor =B1794+1 (sensitive receptor: C1753)
 DISCCART 407487.498039506 3758562.50547349 501.70 1.50
 ** receptor =B1795+1 (sensitive receptor: C1754)
 DISCCART 407512.499439412 3758662.50511885 483.60 1.50
 ** receptor =B1796+1 (sensitive receptor: C1755)
 DISCCART 407512.499439412 3758612.50529617 477.00 1.50
 ** receptor =B1797+1 (sensitive receptor: C1756)
 DISCCART 407537.500839317 3758562.50547349 0.00 1.50
 ** receptor =B1798+1 (sensitive receptor: C1757)
 DISCCART 407562.502239223 3758662.50511885 0.00 1.50
 ** receptor =B1799+1 (sensitive receptor: C1758)
 DISCCART 407562.502239223 3758612.50529617 0.00 1.50
 ** receptor =B1800+1 (sensitive receptor: C1759)
 DISCCART 407587.495393284 3758562.50547349 0.00 1.50
 ** receptor =B1801+1 (sensitive receptor: C1760)
 DISCCART 407612.49679319 3758662.50511885 0.00 1.50
 ** receptor =B1802+1 (sensitive receptor: C1761)
 DISCCART 407612.49679319 3758612.50529617 0.00 1.50
 ** receptor =B1803+1 (sensitive receptor: C1762)
 DISCCART 407637.498193095 3758562.50547349 0.00 1.50
 ** receptor =B1804+1 (sensitive receptor: C1763)
 DISCCART 407662.499593001 3758612.50529617 0.00 1.50
 ** receptor =B1805+1 (sensitive receptor: C1764)
 DISCCART 407687.500992907 3758562.50547349 0.00 1.50
 ** receptor =B1806+1 (sensitive receptor: C1765)
 DISCCART 407712.502392812 3758612.50529617 0.00 1.50
 ** receptor =B1807+1 (sensitive receptor: C1766)
 DISCCART 407737.495546874 3758562.50547349 0.00 1.50
 ** receptor =B1808+1 (sensitive receptor: C1767)
 DISCCART 407762.496946779 3758612.50529617 0.00 1.50
 ** receptor =B1809+1 (sensitive receptor: C1768)

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DISCCART 407787.498346685 3758562.50547349 0.00 1.50
 ** receptor =B1810+1 (sensitive receptor: C1769)
 DISCCART 407812.49974659 3758612.50529617 0.00 1.50
 ** receptor =B1811+1 (sensitive receptor: C1770)
 DISCCART 407837.501146496 3758562.50547349 0.00 1.50
 ** receptor =B1812+1 (sensitive receptor: C1771)
 DISCCART 407862.502546402 3758612.50529617 0.00 1.50
 ** receptor =B1813+1 (sensitive receptor: C1772)
 DISCCART 407887.503946307 3758562.50547349 0.00 1.50
 ** receptor =B1814+1 (sensitive receptor: C1773)
 DISCCART 407912.497100369 3758612.50529617 0.00 1.50
 ** receptor =B1815+1 (sensitive receptor: C1774)
 DISCCART 407937.498500274 3758562.50547349 0.00 1.50
 ** receptor =B1816+1 (sensitive receptor: C1775)
 DISCCART 407962.49990018 3758612.50529617 0.00 1.50
 ** receptor =B1817+1 (sensitive receptor: C1776)
 DISCCART 407987.501300085 3758562.50547349 0.00 1.50
 ** receptor =B1818+1 (sensitive receptor: C1777)
 DISCCART 408012.502699991 3758612.50529617 0.00 1.50
 ** receptor =B1819+1 (sensitive receptor: C1778)
 DISCCART 408037.495854052 3758562.50547349 0.00 1.50
 ** receptor =B1820+1 (sensitive receptor: C1779)
 DISCCART 408062.497253958 3758612.50529617 0.00 1.50
 ** receptor =B1821+1 (sensitive receptor: C1780)
 DISCCART 408087.498653864 3758562.50547349 0.00 1.50
 ** receptor =B1822+1 (sensitive receptor: C1781)
 DISCCART 408112.500053769 3758612.50529617 0.00 1.50
 ** receptor =B1823+1 (sensitive receptor: C1782)
 DISCCART 405962.503349551 3758537.50056317 302.70 1.50
 ** receptor =B1824+1 (sensitive receptor: C1783)
 DISCCART 405987.496503612 3758562.50547349 307.90 1.50
 ** receptor =B1825+1 (sensitive receptor: C1784)
 DISCCART 406037.499303424 3758562.50547349 311.60 1.50
 ** receptor =B1826+1 (sensitive receptor: C1785)
 DISCCART 406087.502103235 3758562.50547349 314.90 1.50
 ** receptor =B1827+1 (sensitive receptor: C1786)
 DISCCART 406137.496657202 3758562.50547349 321.10 1.50
 ** receptor =B1828+1 (sensitive receptor: C1787)
 DISCCART 406187.499457013 3758562.50547349 324.70 1.50
 ** receptor =B1829+1 (sensitive receptor: C1788)
 DISCCART 406237.502256824 3758562.50547349 332.50 1.50
 ** receptor =B1830+1 (sensitive receptor: C1789)
 DISCCART 406287.496810791 3758562.50547349 339.10 1.50
 ** receptor =B1831+1 (sensitive receptor: C1790)
 DISCCART 406337.499610602 3758562.50547349 344.40 1.50
 ** receptor =B1832+1 (sensitive receptor: C1791)
 DISCCART 406387.502410414 3758562.50547349 347.70 1.50
 ** receptor =B1833+1 (sensitive receptor: C1792)
 DISCCART 406437.496964381 3758562.50547349 353.50 1.50
 ** receptor =B1834+1 (sensitive receptor: C1793)
 DISCCART 406487.499764192 3758562.50547349 357.50 1.50
 ** receptor =B1835+1 (sensitive receptor: C1794)
 DISCCART 406537.502564003 3758537.50056317 357.50 1.50
 ** receptor =B1836+1 (sensitive receptor: C1795)
 DISCCART 406587.49711797 3758537.50056317 360.00 1.50
 ** receptor =B1837+1 (sensitive receptor: C1796)
 DISCCART 406637.499917781 3758537.50056317 357.50 1.50
 ** receptor =B1838+1 (sensitive receptor: C1797)
 DISCCART 406687.502717592 3758537.50056317 360.80 1.50
 ** receptor =B1839+1 (sensitive receptor: C1798)
 DISCCART 406737.497271559 3758537.50056317 360.70 1.50
 ** receptor =B1840+1 (sensitive receptor: C1799)
 DISCCART 406787.50007137 3758537.50056317 360.80 1.50
 ** receptor =B1841+1 (sensitive receptor: C1800)
 DISCCART 406837.502871182 3758537.50056317 364.10 1.50
 ** receptor =B1842+1 (sensitive receptor: C1801)
 DISCCART 406887.497425149 3758537.50056317 373.10 1.50
 ** receptor =B1843+1 (sensitive receptor: C1802)
 DISCCART 406937.50022496 3758537.50056317 380.50 1.50
 ** receptor =B1844+1 (sensitive receptor: C1803)
 DISCCART 406987.503024771 3758537.50056317 396.20 1.50
 ** receptor =B1845+1 (sensitive receptor: C1804)
 DISCCART 407037.497578738 3758537.50056317 400.20 1.50
 ** receptor =B1846+1 (sensitive receptor: C1805)
 DISCCART 407087.500378549 3758537.50056317 409.40 1.50
 ** receptor =B1847+1 (sensitive receptor: C1806)

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DISCCART 407137.50317836 3758537.50056317 422.50 1.50
 ** receptor =B1848+1 (sensitive receptor: C1807)
 DISCCART 407187.497732327 3758537.50056317 451.70 1.50
 ** receptor =B1849+1 (sensitive receptor: C1808)
 DISCCART 407237.500532139 3758537.50056317 462.60 1.50
 ** receptor =B1850+1 (sensitive receptor: C1809)
 DISCCART 407287.50333195 3758537.50056317 471.70 1.50
 ** receptor =B1851+1 (sensitive receptor: C1810)
 DISCCART 407337.497885917 3758537.50056317 482.40 1.50
 ** receptor =B1852+1 (sensitive receptor: C1811)
 DISCCART 407387.500685728 3758537.50056317 488.10 1.50
 ** receptor =B1853+1 (sensitive receptor: C1812)
 DISCCART 407437.495239695 3758537.50056317 503.70 1.50
 ** receptor =B1854+1 (sensitive receptor: C1813)
 DISCCART 407487.498039506 3758537.50056317 509.90 1.50
 ** receptor =B1855+1 (sensitive receptor: C1814)
 DISCCART 407537.500839317 3758537.50056317 0.00 1.50
 ** receptor =B1856+1 (sensitive receptor: C1815)
 DISCCART 407587.495393284 3758537.50056317 0.00 1.50
 ** receptor =B1857+1 (sensitive receptor: C1816)
 DISCCART 407637.498193095 3758537.50056317 0.00 1.50
 ** receptor =B1858+1 (sensitive receptor: C1817)
 DISCCART 407687.500992907 3758537.50056317 0.00 1.50
 ** receptor =B1859+1 (sensitive receptor: C1818)
 DISCCART 407737.495546874 3758537.50056317 0.00 1.50
 ** receptor =B1860+1 (sensitive receptor: C1819)
 DISCCART 407787.498346685 3758537.50056317 0.00 1.50
 ** receptor =B1861+1 (sensitive receptor: C1820)
 DISCCART 407837.501146496 3758537.50056317 0.00 1.50
 ** receptor =B1862+1 (sensitive receptor: C1821)
 DISCCART 407887.503946307 3758537.50056317 0.00 1.50
 ** receptor =B1863+1 (sensitive receptor: C1822)
 DISCCART 407937.498500274 3758537.50056317 0.00 1.50
 ** receptor =B1864+1 (sensitive receptor: C1823)
 DISCCART 407987.501300085 3758537.50056317 0.00 1.50
 ** receptor =B1865+1 (sensitive receptor: C1824)
 DISCCART 408037.495854052 3758537.50056317 0.00 1.50
 ** receptor =B1866+1 (sensitive receptor: C1825)
 DISCCART 408087.498653864 3758537.50056317 0.00 1.50
 ** receptor =B1867+1 (sensitive receptor: C1826)
 DISCCART 405962.503349551 3759987.50541887 754.30 1.50
 ** receptor =B1868+1 (sensitive receptor: C1827)
 DISCCART 405962.503349551 3759937.50559619 733.70 1.50
 ** receptor =B1869+1 (sensitive receptor: C1828)
 DISCCART 405962.503349551 3759887.50577351 704.80 1.50
 ** receptor =B1870+1 (sensitive receptor: C1829)
 DISCCART 405962.503349551 3759837.50595083 641.40 1.50
 ** receptor =B1871+1 (sensitive receptor: C1830)
 DISCCART 405962.503349551 3759787.50612815 628.70 1.50
 ** receptor =B1872+1 (sensitive receptor: C1831)
 DISCCART 405962.503349551 3759737.50630547 619.20 1.50
 ** receptor =B1873+1 (sensitive receptor: C1832)
 DISCCART 405962.503349551 3759687.50648279 548.60 1.50
 ** receptor =B1874+1 (sensitive receptor: C1833)
 DISCCART 405962.503349551 3759637.50666011 532.20 1.50
 ** receptor =B1875+1 (sensitive receptor: C1834)
 DISCCART 405962.503349551 3759587.50683743 515.80 1.50
 ** receptor =B1876+1 (sensitive receptor: C1835)
 DISCCART 405962.503349551 3759537.50701475 522.50 1.50
 ** receptor =B1877+1 (sensitive receptor: C1836)
 DISCCART 405962.503349551 3759487.50719207 522.50 1.50
 ** receptor =B1878+1 (sensitive receptor: C1837)
 DISCCART 405962.503349551 3759437.50736939 515.80 1.50
 ** receptor =B1879+1 (sensitive receptor: C1838)
 DISCCART 405962.503349551 3759387.49754874 488.50 1.50
 ** receptor =B1880+1 (sensitive receptor: C1839)
 DISCCART 405962.503349551 3759337.49772606 453.50 1.50
 ** receptor =B1881+1 (sensitive receptor: C1840)
 DISCCART 405962.503349551 3759287.49790338 420.70 1.50
 ** receptor =B1882+1 (sensitive receptor: C1841)
 DISCCART 405962.503349551 3759237.4980807 394.40 1.50
 ** receptor =B1883+1 (sensitive receptor: C1842)
 DISCCART 405962.503349551 3759187.49825802 377.20 1.50
 ** receptor =B1884+1 (sensitive receptor: C1843)
 DISCCART 405962.503349551 3759137.49843534 373.80 1.50
 ** receptor =B1885+1 (sensitive receptor: C1844)

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** receptor	DISCCART	405962.503349551	3759087.49861266	367.30	1.50
	=B1886+1 (sensitive receptor: C1845)				
** receptor	DISCCART	405962.503349551	3759037.49878997	357.50	1.50
	=B1887+1 (sensitive receptor: C1846)				
** receptor	DISCCART	405962.503349551	3758987.49896729	354.20	1.50
	=B1888+1 (sensitive receptor: C1847)				
** receptor	DISCCART	405962.503349551	3758937.49914461	348.60	1.50
	=B1889+1 (sensitive receptor: C1848)				
** receptor	DISCCART	405962.503349551	3758887.49932193	344.30	1.50
	=B1890+1 (sensitive receptor: C1849)				
** receptor	DISCCART	405962.503349551	3758837.49949925	337.80	1.50
	=B1891+1 (sensitive receptor: C1850)				
** receptor	DISCCART	405962.503349551	3758787.49967657	331.20	1.50
	=B1892+1 (sensitive receptor: C1851)				
** receptor	DISCCART	405962.503349551	3758737.49985389	324.60	1.50
	=B1893+1 (sensitive receptor: C1852)				
** receptor	DISCCART	405962.503349551	3758687.50003121	318.20	1.50
	=B1894+1 (sensitive receptor: C1853)				
** receptor	DISCCART	405962.503349551	3758637.50020853	311.60	1.50
	=B1895+1 (sensitive receptor: C1854)				
** receptor	DISCCART	406012.497903518	3759987.50541887	735.10	1.50
	=B1896+1 (sensitive receptor: C1855)				
** receptor	DISCCART	406012.497903518	3759937.50559619	667.60	1.50
	=B1897+1 (sensitive receptor: C1856)				
** receptor	DISCCART	406012.497903518	3759887.50577351	662.40	1.50
	=B1898+1 (sensitive receptor: C1857)				
** receptor	DISCCART	406012.497903518	3759837.50595083	645.10	1.50
	=B1899+1 (sensitive receptor: C1858)				
** receptor	DISCCART	406012.497903518	3759787.50612815	625.50	1.50
	=B1900+1 (sensitive receptor: C1859)				
** receptor	DISCCART	406012.497903518	3759737.50630547	624.60	1.50
	=B1901+1 (sensitive receptor: C1860)				
** receptor	DISCCART	406012.497903518	3759687.50648279	557.50	1.50
	=B1902+1 (sensitive receptor: C1861)				
** receptor	DISCCART	406012.497903518	3759637.50666011	544.40	1.50
	=B1903+1 (sensitive receptor: C1862)				
** receptor	DISCCART	406012.497903518	3759587.50683743	528.10	1.50
	=B1904+1 (sensitive receptor: C1863)				
** receptor	DISCCART	406012.497903518	3759537.50701475	528.10	1.50
	=B1905+1 (sensitive receptor: C1864)				
** receptor	DISCCART	406012.497903518	3759487.50719207	521.90	1.50
	=B1906+1 (sensitive receptor: C1865)				
** receptor	DISCCART	406012.497903518	3759437.50736939	492.90	1.50
	=B1907+1 (sensitive receptor: C1866)				
** receptor	DISCCART	406012.497903518	3759387.49754874	480.10	1.50
	=B1908+1 (sensitive receptor: C1867)				
** receptor	DISCCART	406012.497903518	3759337.49772606	450.70	1.50
	=B1909+1 (sensitive receptor: C1868)				
** receptor	DISCCART	406012.497903518	3759287.49790338	426.30	1.50
	=B1910+1 (sensitive receptor: C1869)				
** receptor	DISCCART	406012.497903518	3759237.4980807	399.10	1.50
	=B1911+1 (sensitive receptor: C1870)				
** receptor	DISCCART	406012.497903518	3759187.49825802	381.40	1.50
	=B1912+1 (sensitive receptor: C1871)				
** receptor	DISCCART	406012.497903518	3759137.49843534	378.10	1.50
	=B1913+1 (sensitive receptor: C1872)				
** receptor	DISCCART	406012.497903518	3759087.49861266	370.60	1.50
	=B1914+1 (sensitive receptor: C1873)				
** receptor	DISCCART	406012.497903518	3759037.49878997	361.70	1.50
	=B1915+1 (sensitive receptor: C1874)				
** receptor	DISCCART	406012.497903518	3758987.49896729	360.80	1.50
	=B1916+1 (sensitive receptor: C1875)				
** receptor	DISCCART	406012.497903518	3758937.49914461	355.10	1.50
	=B1917+1 (sensitive receptor: C1876)				
** receptor	DISCCART	406012.497903518	3758887.49932193	347.60	1.50
	=B1918+1 (sensitive receptor: C1877)				
** receptor	DISCCART	406012.497903518	3758837.49949925	337.80	1.50
	=B1919+1 (sensitive receptor: C1878)				
** receptor	DISCCART	406012.497903518	3758787.49967657	334.60	1.50
	=B1920+1 (sensitive receptor: C1879)				
** receptor	DISCCART	406012.497903518	3758737.49985389	327.90	1.50
	=B1921+1 (sensitive receptor: C1880)				
** receptor	DISCCART	406012.497903518	3758687.50003121	321.40	1.50
	=B1922+1 (sensitive receptor: C1881)				
** receptor	DISCCART	406012.497903518	3758637.50020853	315.80	1.50
	=B1923+1 (sensitive receptor: C1882)				

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** DISCCART	406062.500703329	3759987.50541887	686.90	1.50
** receptor	=B1924+1 (sensitive receptor: C1883)			
** DISCCART	406062.500703329	3759837.50595083	582.90	1.50
** receptor	=B1925+1 (sensitive receptor: C1884)			
** DISCCART	406062.500703329	3759787.50612815	563.20	1.50
** receptor	=B1926+1 (sensitive receptor: C1885)			
** DISCCART	406062.500703329	3759737.50630547	545.60	1.50
** receptor	=B1927+1 (sensitive receptor: C1886)			
** DISCCART	406062.500703329	3759687.50648279	548.50	1.50
** receptor	=B1928+1 (sensitive receptor: C1887)			
** DISCCART	406062.500703329	3759637.50666011	528.50	1.50
** receptor	=B1929+1 (sensitive receptor: C1888)			
** DISCCART	406062.500703329	3759587.50683743	517.70	1.50
** receptor	=B1930+1 (sensitive receptor: C1889)			
** DISCCART	406062.500703329	3759537.50701475	480.20	1.50
** receptor	=B1931+1 (sensitive receptor: C1890)			
** DISCCART	406062.500703329	3759487.50719207	465.80	1.50
** receptor	=B1932+1 (sensitive receptor: C1891)			
** DISCCART	406062.500703329	3759437.50736939	454.00	1.50
** receptor	=B1933+1 (sensitive receptor: C1892)			
** DISCCART	406062.500703329	3759387.49754874	437.60	1.50
** receptor	=B1934+1 (sensitive receptor: C1893)			
** DISCCART	406062.500703329	3759337.49772606	424.50	1.50
** receptor	=B1935+1 (sensitive receptor: C1894)			
** DISCCART	406062.500703329	3759287.49790338	414.80	1.50
** receptor	=B1936+1 (sensitive receptor: C1895)			
** DISCCART	406062.500703329	3759237.4980807	393.60	1.50
** receptor	=B1937+1 (sensitive receptor: C1896)			
** DISCCART	406062.500703329	3759187.49825802	390.30	1.50
** receptor	=B1938+1 (sensitive receptor: C1897)			
** DISCCART	406062.500703329	3759137.49843534	383.70	1.50
** receptor	=B1939+1 (sensitive receptor: C1898)			
** DISCCART	406062.500703329	3759087.49861266	377.10	1.50
** receptor	=B1940+1 (sensitive receptor: C1899)			
** DISCCART	406062.500703329	3759037.49878997	370.60	1.50
** receptor	=B1941+1 (sensitive receptor: C1900)			
** DISCCART	406062.500703329	3758987.49896729	367.30	1.50
** receptor	=B1942+1 (sensitive receptor: C1901)			
** DISCCART	406062.500703329	3758937.49914461	357.50	1.50
** receptor	=B1943+1 (sensitive receptor: C1902)			
** DISCCART	406062.500703329	3758887.49932193	351.90	1.50
** receptor	=B1944+1 (sensitive receptor: C1903)			
** DISCCART	406062.500703329	3758837.49949925	344.40	1.50
** receptor	=B1945+1 (sensitive receptor: C1904)			
** DISCCART	406062.500703329	3758787.49967657	337.80	1.50
** receptor	=B1946+1 (sensitive receptor: C1905)			
** DISCCART	406062.500703329	3758737.49985389	332.20	1.50
** receptor	=B1947+1 (sensitive receptor: C1906)			
** DISCCART	406062.500703329	3758687.50003121	324.70	1.50
** receptor	=B1948+1 (sensitive receptor: C1907)			
** DISCCART	406062.500703329	3758637.50020853	321.40	1.50
** receptor	=B1949+1 (sensitive receptor: C1908)			
** DISCCART	406112.495257296	3759987.50541887	592.60	1.50
** receptor	=B1950+1 (sensitive receptor: C1909)			
** DISCCART	406112.495257296	3759837.50595083	488.70	1.50
** receptor	=B1951+1 (sensitive receptor: C1910)			
** DISCCART	406112.495257296	3759787.50612815	485.40	1.50
** receptor	=B1952+1 (sensitive receptor: C1911)			
** DISCCART	406112.495257296	3759737.50630547	478.00	1.50
** receptor	=B1953+1 (sensitive receptor: C1912)			
** DISCCART	406112.495257296	3759687.50648279	475.60	1.50
** receptor	=B1954+1 (sensitive receptor: C1913)			
** DISCCART	406112.495257296	3759637.50666011	469.00	1.50
** receptor	=B1955+1 (sensitive receptor: C1914)			
** DISCCART	406112.495257296	3759587.50683743	469.00	1.50
** receptor	=B1956+1 (sensitive receptor: C1915)			
** DISCCART	406112.495257296	3759537.50701475	464.80	1.50
** receptor	=B1957+1 (sensitive receptor: C1916)			
** DISCCART	406112.495257296	3759487.50719207	448.70	1.50
** receptor	=B1958+1 (sensitive receptor: C1917)			
** DISCCART	406112.495257296	3759437.50736939	426.30	1.50
** receptor	=B1959+1 (sensitive receptor: C1918)			
** DISCCART	406112.495257296	3759387.49754874	417.50	1.50
** receptor	=B1960+1 (sensitive receptor: C1919)			
** DISCCART	406112.495257296	3759337.49772606	421.60	1.50
** receptor	=B1961+1 (sensitive receptor: C1920)			

Appendix B

NOx Peak Hour Emissions Mitigated

** receptor	DISCCART	406112.495257296	3759287.49790338	418.40	1.50
	=B1962+1 (sensitive receptor: C1921)				
** receptor	DISCCART	406112.495257296	3759237.4980807	404.30	1.50
	=B1963+1 (sensitive receptor: C1922)				
** receptor	DISCCART	406112.495257296	3759187.49825802	397.80	1.50
	=B1964+1 (sensitive receptor: C1923)				
** receptor	DISCCART	406112.495257296	3759137.49843534	390.30	1.50
	=B1965+1 (sensitive receptor: C1924)				
** receptor	DISCCART	406112.495257296	3759087.49861266	383.70	1.50
	=B1966+1 (sensitive receptor: C1925)				
** receptor	DISCCART	406112.495257296	3759037.49878997	378.10	1.50
	=B1967+1 (sensitive receptor: C1926)				
** receptor	DISCCART	406112.495257296	3758987.49896729	373.90	1.50
	=B1968+1 (sensitive receptor: C1927)				
** receptor	DISCCART	406112.495257296	3758937.49914461	365.00	1.50
	=B1969+1 (sensitive receptor: C1928)				
** receptor	DISCCART	406112.495257296	3758887.49932193	358.40	1.50
	=B1970+1 (sensitive receptor: C1929)				
** receptor	DISCCART	406112.495257296	3758837.49949925	351.90	1.50
	=B1971+1 (sensitive receptor: C1930)				
** receptor	DISCCART	406112.495257296	3758787.49967657	344.30	1.50
	=B1972+1 (sensitive receptor: C1931)				
** receptor	DISCCART	406112.495257296	3758737.49985389	335.50	1.50
	=B1973+1 (sensitive receptor: C1932)				
** receptor	DISCCART	406112.495257296	3758687.50003121	331.20	1.50
	=B1974+1 (sensitive receptor: C1933)				
** receptor	DISCCART	406112.495257296	3758637.50020853	324.70	1.50
	=B1975+1 (sensitive receptor: C1934)				
** receptor	DISCCART	406162.498057107	3759987.50541887	509.70	1.50
	=B1976+1 (sensitive receptor: C1935)				
** receptor	DISCCART	406162.498057107	3759837.50595083	503.20	1.50
	=B1977+1 (sensitive receptor: C1936)				
** receptor	DISCCART	406162.498057107	3759787.50612815	506.00	1.50
	=B1978+1 (sensitive receptor: C1937)				
** receptor	DISCCART	406162.498057107	3759437.50736939	449.80	1.50
	=B1979+1 (sensitive receptor: C1938)				
** receptor	DISCCART	406162.498057107	3759387.49754874	454.50	1.50
	=B1980+1 (sensitive receptor: C1939)				
** receptor	DISCCART	406162.498057107	3759337.49772606	452.20	1.50
	=B1981+1 (sensitive receptor: C1940)				
** receptor	DISCCART	406162.498057107	3759287.49790338	433.80	1.50
	=B1982+1 (sensitive receptor: C1941)				
** receptor	DISCCART	406162.498057107	3759237.4980807	414.20	1.50
	=B1983+1 (sensitive receptor: C1942)				
** receptor	DISCCART	406162.498057107	3759187.49825802	404.30	1.50
	=B1984+1 (sensitive receptor: C1943)				
** receptor	DISCCART	406162.498057107	3759137.49843534	396.80	1.50
	=B1985+1 (sensitive receptor: C1944)				
** receptor	DISCCART	406162.498057107	3759087.49861266	390.30	1.50
	=B1986+1 (sensitive receptor: C1945)				
** receptor	DISCCART	406162.498057107	3759037.49878997	384.70	1.50
	=B1987+1 (sensitive receptor: C1946)				
** receptor	DISCCART	406162.498057107	3758987.49896729	380.50	1.50
	=B1988+1 (sensitive receptor: C1947)				
** receptor	DISCCART	406162.498057107	3758937.49914461	371.50	1.50
	=B1989+1 (sensitive receptor: C1948)				
** receptor	DISCCART	406162.498057107	3758887.49932193	364.10	1.50
	=B1990+1 (sensitive receptor: C1949)				
** receptor	DISCCART	406162.498057107	3758837.49949925	357.50	1.50
	=B1991+1 (sensitive receptor: C1950)				
** receptor	DISCCART	406162.498057107	3758787.49967657	347.60	1.50
	=B1992+1 (sensitive receptor: C1951)				
** receptor	DISCCART	406162.498057107	3758737.49985389	337.80	1.50
	=B1993+1 (sensitive receptor: C1952)				
** receptor	DISCCART	406162.498057107	3758687.50003121	334.50	1.50
	=B1994+1 (sensitive receptor: C1953)				
** receptor	DISCCART	406162.498057107	3758637.50020853	328.00	1.50
	=B1995+1 (sensitive receptor: C1954)				
** receptor	DISCCART	406212.500856919	3759437.50736939	498.50	1.50
	=B1996+1 (sensitive receptor: C1955)				
** receptor	DISCCART	406212.500856919	3759387.49754874	483.00	1.50
	=B1997+1 (sensitive receptor: C1956)				
** receptor	DISCCART	406212.500856919	3759337.49772606	462.50	1.50
	=B1998+1 (sensitive receptor: C1957)				
** receptor	DISCCART	406212.500856919	3759287.49790338	442.70	1.50
	=B1999+1 (sensitive receptor: C1958)				

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** receptor	DISCCART	406212.500856919	3759237.4980807	420.70	1.50
	=B2000+1 (sensitive receptor: C1959)				
** receptor	DISCCART	406212.500856919	3759187.49825802	410.00	1.50
	=B2001+1 (sensitive receptor: C1960)				
** receptor	DISCCART	406212.500856919	3759137.49843534	403.40	1.50
	=B2002+1 (sensitive receptor: C1961)				
** receptor	DISCCART	406212.500856919	3759087.49861266	396.80	1.50
	=B2003+1 (sensitive receptor: C1962)				
** receptor	DISCCART	406212.500856919	3759037.49878997	390.20	1.50
	=B2004+1 (sensitive receptor: C1963)				
** receptor	DISCCART	406212.500856919	3758987.49896729	383.70	1.50
	=B2005+1 (sensitive receptor: C1964)				
** receptor	DISCCART	406212.500856919	3758937.49914461	377.10	1.50
	=B2006+1 (sensitive receptor: C1965)				
** receptor	DISCCART	406212.500856919	3758887.49932193	367.30	1.50
	=B2007+1 (sensitive receptor: C1966)				
** receptor	DISCCART	406212.500856919	3758837.49949925	358.40	1.50
	=B2008+1 (sensitive receptor: C1967)				
** receptor	DISCCART	406212.500856919	3758787.49967657	350.90	1.50
	=B2009+1 (sensitive receptor: C1968)				
** receptor	DISCCART	406212.500856919	3758737.49985389	341.10	1.50
	=B2010+1 (sensitive receptor: C1969)				
** receptor	DISCCART	406212.500856919	3758687.50003121	337.80	1.50
	=B2011+1 (sensitive receptor: C1970)				
** receptor	DISCCART	406212.500856919	3758637.50020853	334.50	1.50
	=B2012+1 (sensitive receptor: C1971)				
** receptor	DISCCART	406262.495410886	3759437.50736939	502.70	1.50
	=B2013+1 (sensitive receptor: C1972)				
** receptor	DISCCART	406262.495410886	3759387.49754874	490.40	1.50
	=B2014+1 (sensitive receptor: C1973)				
** receptor	DISCCART	406262.495410886	3759337.49772606	459.10	1.50
	=B2015+1 (sensitive receptor: C1974)				
** receptor	DISCCART	406262.495410886	3759287.49790338	446.00	1.50
	=B2016+1 (sensitive receptor: C1975)				
** receptor	DISCCART	406262.495410886	3759237.4980807	430.50	1.50
	=B2017+1 (sensitive receptor: C1976)				
** receptor	DISCCART	406262.495410886	3759187.49825802	416.50	1.50
	=B2018+1 (sensitive receptor: C1977)				
** receptor	DISCCART	406262.495410886	3759137.49843534	406.70	1.50
	=B2019+1 (sensitive receptor: C1978)				
** receptor	DISCCART	406262.495410886	3759087.49861266	400.20	1.50
	=B2020+1 (sensitive receptor: C1979)				
** receptor	DISCCART	406262.495410886	3759037.49878997	393.50	1.50
	=B2021+1 (sensitive receptor: C1980)				
** receptor	DISCCART	406262.495410886	3758987.49896729	383.70	1.50
	=B2022+1 (sensitive receptor: C1981)				
** receptor	DISCCART	406262.495410886	3758937.49914461	377.10	1.50
	=B2023+1 (sensitive receptor: C1982)				
** receptor	DISCCART	406262.495410886	3758887.49932193	367.40	1.50
	=B2024+1 (sensitive receptor: C1983)				
** receptor	DISCCART	406262.495410886	3758837.49949925	359.80	1.50
	=B2025+1 (sensitive receptor: C1984)				
** receptor	DISCCART	406262.495410886	3758787.49967657	354.20	1.50
	=B2026+1 (sensitive receptor: C1985)				
** receptor	DISCCART	406262.495410886	3758737.49985389	344.40	1.50
	=B2027+1 (sensitive receptor: C1986)				
** receptor	DISCCART	406262.495410886	3758687.50003121	341.10	1.50
	=B2028+1 (sensitive receptor: C1987)				
** receptor	DISCCART	406262.495410886	3758637.50020853	337.80	1.50
	=B2029+1 (sensitive receptor: C1988)				
** receptor	DISCCART	406312.498210697	3759437.50736939	511.60	1.50
	=B2030+1 (sensitive receptor: C1989)				
** receptor	DISCCART	406312.498210697	3759387.49754874	505.00	1.50
	=B2031+1 (sensitive receptor: C1990)				
** receptor	DISCCART	406312.498210697	3759337.49772606	473.10	1.50
	=B2032+1 (sensitive receptor: C1991)				
** receptor	DISCCART	406312.498210697	3759287.49790338	452.60	1.50
	=B2033+1 (sensitive receptor: C1992)				
** receptor	DISCCART	406312.498210697	3759237.4980807	436.20	1.50
	=B2034+1 (sensitive receptor: C1993)				
** receptor	DISCCART	406312.498210697	3759187.49825802	419.80	1.50
	=B2035+1 (sensitive receptor: C1994)				
** receptor	DISCCART	406312.498210697	3759137.49843534	409.90	1.50
	=B2036+1 (sensitive receptor: C1995)				
** receptor	DISCCART	406312.498210697	3759087.49861266	400.20	1.50
	=B2037+1 (sensitive receptor: C1996)				

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** receptor	DISCCART	406312.498210697	3759037.49878997	393.50	1.50
	=B2038+1 (sensitive receptor: C1997)				
** receptor	DISCCART	406312.498210697	3758987.49896729	383.70	1.50
	=B2039+1 (sensitive receptor: C1998)				
** receptor	DISCCART	406312.498210697	3758937.49914461	373.90	1.50
	=B2040+1 (sensitive receptor: C1999)				
** receptor	DISCCART	406312.498210697	3758887.49932193	367.40	1.50
	=B2041+1 (sensitive receptor: C2000)				
** receptor	DISCCART	406312.498210697	3758837.49949925	360.70	1.50
	=B2042+1 (sensitive receptor: C2001)				
** receptor	DISCCART	406312.498210697	3758787.49967657	354.20	1.50
	=B2043+1 (sensitive receptor: C2002)				
** receptor	DISCCART	406312.498210697	3758737.49985389	347.70	1.50
	=B2044+1 (sensitive receptor: C2003)				
** receptor	DISCCART	406312.498210697	3758687.50003121	344.40	1.50
	=B2045+1 (sensitive receptor: C2004)				
** receptor	DISCCART	406312.498210697	3758637.50020853	342.00	1.50
	=B2046+1 (sensitive receptor: C2005)				
** receptor	DISCCART	406362.501010508	3759437.50736939	495.70	1.50
	=B2047+1 (sensitive receptor: C2006)				
** receptor	DISCCART	406362.501010508	3759387.49754874	485.90	1.50
	=B2048+1 (sensitive receptor: C2007)				
** receptor	DISCCART	406362.501010508	3759337.49772606	471.20	1.50
	=B2049+1 (sensitive receptor: C2008)				
** receptor	DISCCART	406362.501010508	3759287.49790338	449.30	1.50
	=B2050+1 (sensitive receptor: C2009)				
** receptor	DISCCART	406362.501010508	3759237.4980807	436.20	1.50
	=B2051+1 (sensitive receptor: C2010)				
** receptor	DISCCART	406362.501010508	3759187.49825802	423.00	1.50
	=B2052+1 (sensitive receptor: C2011)				
** receptor	DISCCART	406362.501010508	3759137.49843534	413.20	1.50
	=B2053+1 (sensitive receptor: C2012)				
** receptor	DISCCART	406362.501010508	3759087.49861266	403.40	1.50
	=B2054+1 (sensitive receptor: C2013)				
** receptor	DISCCART	406362.501010508	3759037.49878997	393.60	1.50
	=B2055+1 (sensitive receptor: C2014)				
** receptor	DISCCART	406362.501010508	3758987.49896729	383.80	1.50
	=B2056+1 (sensitive receptor: C2015)				
** receptor	DISCCART	406362.501010508	3758937.49914461	377.10	1.50
	=B2057+1 (sensitive receptor: C2016)				
** receptor	DISCCART	406362.501010508	3758887.49932193	366.40	1.50
	=B2058+1 (sensitive receptor: C2017)				
** receptor	DISCCART	406362.501010508	3758837.49949925	357.50	1.50
	=B2059+1 (sensitive receptor: C2018)				
** receptor	DISCCART	406362.501010508	3758787.49967657	354.20	1.50
	=B2060+1 (sensitive receptor: C2019)				
** receptor	DISCCART	406362.501010508	3758737.49985389	351.90	1.50
	=B2061+1 (sensitive receptor: C2020)				
** receptor	DISCCART	406362.501010508	3758687.50003121	351.00	1.50
	=B2062+1 (sensitive receptor: C2021)				
** receptor	DISCCART	406362.501010508	3758637.50020853	347.70	1.50
	=B2063+1 (sensitive receptor: C2022)				
** receptor	DISCCART	406412.503810319	3759337.49772606	455.80	1.50
	=B2064+1 (sensitive receptor: C2023)				
** receptor	DISCCART	406412.503810319	3759287.49790338	446.10	1.50
	=B2065+1 (sensitive receptor: C2024)				
** receptor	DISCCART	406412.503810319	3759237.4980807	439.50	1.50
	=B2066+1 (sensitive receptor: C2025)				
** receptor	DISCCART	406412.503810319	3759187.49825802	426.30	1.50
	=B2067+1 (sensitive receptor: C2026)				
** receptor	DISCCART	406412.503810319	3759137.49843534	413.30	1.50
	=B2068+1 (sensitive receptor: C2027)				
** receptor	DISCCART	406412.503810319	3759087.49861266	403.40	1.50
	=B2069+1 (sensitive receptor: C2028)				
** receptor	DISCCART	406412.503810319	3759037.49878997	393.60	1.50
	=B2070+1 (sensitive receptor: C2029)				
** receptor	DISCCART	406412.503810319	3758987.49896729	387.00	1.50
	=B2071+1 (sensitive receptor: C2030)				
** receptor	DISCCART	406412.503810319	3758937.49914461	378.10	1.50
	=B2072+1 (sensitive receptor: C2031)				
** receptor	DISCCART	406412.503810319	3758887.49932193	364.00	1.50
	=B2073+1 (sensitive receptor: C2032)				
** receptor	DISCCART	406412.503810319	3758837.49949925	357.50	1.50
	=B2074+1 (sensitive receptor: C2033)				
** receptor	DISCCART	406412.503810319	3758787.49967657	355.20	1.50
	=B2075+1 (sensitive receptor: C2034)				

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** DISCCART	406412.503810319	3758737.49985389	357.50	1.50
** receptor	=B2076+1 (sensitive receptor: C2035)			
** DISCCART	406412.503810319	3758687.50003121	357.50	1.50
** receptor	=B2077+1 (sensitive receptor: C2036)			
** DISCCART	406412.503810319	3758637.50020853	355.10	1.50
** receptor	=B2078+1 (sensitive receptor: C2037)			
** DISCCART	406462.498364286	3759287.49790338	449.30	1.50
** receptor	=B2079+1 (sensitive receptor: C2038)			
** DISCCART	406462.498364286	3759237.4980807	439.40	1.50
** receptor	=B2080+1 (sensitive receptor: C2039)			
** DISCCART	406462.498364286	3759187.49825802	426.30	1.50
** receptor	=B2081+1 (sensitive receptor: C2040)			
** DISCCART	406462.498364286	3759137.49843534	413.20	1.50
** receptor	=B2082+1 (sensitive receptor: C2041)			
** DISCCART	406462.498364286	3759087.49861266	400.20	1.50
** receptor	=B2083+1 (sensitive receptor: C2042)			
** DISCCART	406462.498364286	3759037.49878997	393.60	1.50
** receptor	=B2084+1 (sensitive receptor: C2043)			
** DISCCART	406462.498364286	3758987.49896729	387.00	1.50
** receptor	=B2085+1 (sensitive receptor: C2044)			
** DISCCART	406462.498364286	3758937.49914461	380.50	1.50
** receptor	=B2086+1 (sensitive receptor: C2045)			
** DISCCART	406462.498364286	3758887.49932193	368.20	1.50
** receptor	=B2087+1 (sensitive receptor: C2046)			
** DISCCART	406462.498364286	3758837.49949925	358.40	1.50
** receptor	=B2088+1 (sensitive receptor: C2047)			
** DISCCART	406462.498364286	3758787.49967657	361.70	1.50
** receptor	=B2089+1 (sensitive receptor: C2048)			
** DISCCART	406462.498364286	3758737.49985389	361.70	1.50
** receptor	=B2090+1 (sensitive receptor: C2049)			
** DISCCART	406462.498364286	3758687.50003121	364.00	1.50
** receptor	=B2091+1 (sensitive receptor: C2050)			
** DISCCART	406462.498364286	3758637.50020853	358.40	1.50
** receptor	=B2092+1 (sensitive receptor: C2051)			
** DISCCART	406512.501164097	3759287.49790338	452.60	1.50
** receptor	=B2093+1 (sensitive receptor: C2052)			
** DISCCART	406512.501164097	3759237.4980807	439.50	1.50
** receptor	=B2094+1 (sensitive receptor: C2053)			
** DISCCART	406512.501164097	3759187.49825802	424.00	1.50
** receptor	=B2095+1 (sensitive receptor: C2054)			
** DISCCART	406512.501164097	3759137.49843534	414.20	1.50
** receptor	=B2096+1 (sensitive receptor: C2055)			
** DISCCART	406512.501164097	3759087.49861266	406.60	1.50
** receptor	=B2097+1 (sensitive receptor: C2056)			
** DISCCART	406512.501164097	3759037.49878997	397.80	1.50
** receptor	=B2098+1 (sensitive receptor: C2057)			
** DISCCART	406512.501164097	3758987.49896729	390.20	1.50
** receptor	=B2099+1 (sensitive receptor: C2058)			
** DISCCART	406512.501164097	3758937.49914461	382.80	1.50
** receptor	=B2100+1 (sensitive receptor: C2059)			
** DISCCART	406512.501164097	3758887.49932193	373.90	1.50
** receptor	=B2101+1 (sensitive receptor: C2060)			
** DISCCART	406512.501164097	3758837.49949925	374.80	1.50
** receptor	=B2102+1 (sensitive receptor: C2061)			
** DISCCART	406512.501164097	3758787.49967657	371.60	1.50
** receptor	=B2103+1 (sensitive receptor: C2062)			
** DISCCART	406512.501164097	3758737.49985389	371.60	1.50
** receptor	=B2104+1 (sensitive receptor: C2063)			
** DISCCART	406512.501164097	3758687.50003121	368.30	1.50
** receptor	=B2105+1 (sensitive receptor: C2064)			
** DISCCART	406512.501164097	3758637.50020853	365.00	1.50
** receptor	=B2106+1 (sensitive receptor: C2065)			
** DISCCART	406562.495718064	3759237.4980807	443.60	1.50
** receptor	=B2107+1 (sensitive receptor: C2066)			
** DISCCART	406562.495718064	3759187.49825802	432.90	1.50
** receptor	=B2108+1 (sensitive receptor: C2067)			
** DISCCART	406562.495718064	3759137.49843534	419.80	1.50
** receptor	=B2109+1 (sensitive receptor: C2068)			
** DISCCART	406562.495718064	3759087.49861266	410.90	1.50
** receptor	=B2110+1 (sensitive receptor: C2069)			
** DISCCART	406562.495718064	3759037.49878997	403.40	1.50
** receptor	=B2111+1 (sensitive receptor: C2070)			
** DISCCART	406562.495718064	3758987.49896729	393.50	1.50
** receptor	=B2112+1 (sensitive receptor: C2071)			
** DISCCART	406562.495718064	3758937.49914461	381.40	1.50
** receptor	=B2113+1 (sensitive receptor: C2072)			

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** receptor	DISCCART	406562.495718064	3758887.49932193	381.40	1.50
	=B2114+1 (sensitive receptor: C2073)				
** receptor	DISCCART	406562.495718064	3758837.49949925	384.70	1.50
	=B2115+1 (sensitive receptor: C2074)				
** receptor	DISCCART	406562.495718064	3758787.49967657	381.40	1.50
	=B2116+1 (sensitive receptor: C2075)				
** receptor	DISCCART	406562.495718064	3758737.49985389	380.40	1.50
	=B2117+1 (sensitive receptor: C2076)				
** receptor	DISCCART	406562.495718064	3758687.50003121	374.80	1.50
	=B2118+1 (sensitive receptor: C2077)				
** receptor	DISCCART	406562.495718064	3758637.50020853	370.60	1.50
	=B2119+1 (sensitive receptor: C2078)				
** receptor	DISCCART	406562.495718064	3758587.50038585	364.10	1.50
	=B2120+1 (sensitive receptor: C2079)				
** receptor	DISCCART	406612.498517875	3759187.49825802	440.40	1.50
	=B2121+1 (sensitive receptor: C2080)				
** receptor	DISCCART	406612.498517875	3759137.49843534	427.30	1.50
	=B2122+1 (sensitive receptor: C2081)				
** receptor	DISCCART	406612.498517875	3759087.49861266	416.50	1.50
	=B2123+1 (sensitive receptor: C2082)				
** receptor	DISCCART	406612.498517875	3759037.49878997	403.40	1.50
	=B2124+1 (sensitive receptor: C2083)				
** receptor	DISCCART	406612.498517875	3758987.49896729	396.80	1.50
	=B2125+1 (sensitive receptor: C2084)				
** receptor	DISCCART	406612.498517875	3758937.49914461	397.80	1.50
	=B2126+1 (sensitive receptor: C2085)				
** receptor	DISCCART	406612.498517875	3758887.49932193	397.80	1.50
	=B2127+1 (sensitive receptor: C2086)				
** receptor	DISCCART	406612.498517875	3758837.49949925	393.60	1.50
	=B2128+1 (sensitive receptor: C2087)				
** receptor	DISCCART	406612.498517875	3758787.49967657	387.00	1.50
	=B2129+1 (sensitive receptor: C2088)				
** receptor	DISCCART	406612.498517875	3758737.49985389	383.70	1.50
	=B2130+1 (sensitive receptor: C2089)				
** receptor	DISCCART	406612.498517875	3758687.50003121	380.40	1.50
	=B2131+1 (sensitive receptor: C2090)				
** receptor	DISCCART	406612.498517875	3758637.50020853	370.60	1.50
	=B2132+1 (sensitive receptor: C2091)				
** receptor	DISCCART	406612.498517875	3758587.50038585	364.10	1.50
	=B2133+1 (sensitive receptor: C2092)				
** receptor	DISCCART	406662.501317687	3759187.49825802	446.00	1.50
	=B2134+1 (sensitive receptor: C2093)				
** receptor	DISCCART	406662.501317687	3759137.49843534	429.60	1.50
	=B2135+1 (sensitive receptor: C2094)				
** receptor	DISCCART	406662.501317687	3759087.49861266	419.80	1.50
	=B2136+1 (sensitive receptor: C2095)				
** receptor	DISCCART	406662.501317687	3759037.49878997	410.90	1.50
	=B2137+1 (sensitive receptor: C2096)				
** receptor	DISCCART	406662.501317687	3758987.49896729	408.60	1.50
	=B2138+1 (sensitive receptor: C2097)				
** receptor	DISCCART	406662.501317687	3758937.49914461	410.00	1.50
	=B2139+1 (sensitive receptor: C2098)				
** receptor	DISCCART	406662.501317687	3758887.49932193	403.40	1.50
	=B2140+1 (sensitive receptor: C2099)				
** receptor	DISCCART	406662.501317687	3758837.49949925	400.10	1.50
	=B2141+1 (sensitive receptor: C2100)				
** receptor	DISCCART	406662.501317687	3758787.49967657	390.30	1.50
	=B2142+1 (sensitive receptor: C2101)				
** receptor	DISCCART	406662.501317687	3758737.49985389	383.80	1.50
	=B2143+1 (sensitive receptor: C2102)				
** receptor	DISCCART	406712.495871654	3759137.49843534	430.50	1.50
	=B2144+1 (sensitive receptor: C2103)				
** receptor	DISCCART	406712.495871654	3759087.49861266	430.70	1.50
	=B2145+1 (sensitive receptor: C2104)				
** receptor	DISCCART	406712.495871654	3759037.49878997	428.20	1.50
	=B2146+1 (sensitive receptor: C2105)				
** receptor	DISCCART	406712.495871654	3758987.49896729	424.00	1.50
	=B2147+1 (sensitive receptor: C2106)				
** receptor	DISCCART	406712.495871654	3758937.49914461	419.80	1.50
	=B2148+1 (sensitive receptor: C2107)				
** receptor	DISCCART	406712.495871654	3758887.49932193	405.70	1.50
	=B2149+1 (sensitive receptor: C2108)				
** receptor	DISCCART	406712.495871654	3758587.50038585	373.80	1.50
	=B2150+1 (sensitive receptor: C2109)				
** receptor	DISCCART	406762.498671465	3759037.49878997	446.90	1.50
	=B2151+1 (sensitive receptor: C2110)				

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** DISCCART	406762.498671465	3758987.49896729	432.80	1.50
** receptor	=B2152+1 (sensitive receptor: C2111)			
** DISCCART	406762.498671465	3758937.49914461	416.60	1.50
** receptor	=B2153+1 (sensitive receptor: C2112)			
** DISCCART	406762.498671465	3758687.50003121	388.00	1.50
** receptor	=B2154+1 (sensitive receptor: C2113)			
** DISCCART	406762.498671465	3758637.50020853	382.80	1.50
** receptor	=B2155+1 (sensitive receptor: C2114)			
** DISCCART	406762.498671465	3758587.50038585	373.90	1.50
** receptor	=B2156+1 (sensitive receptor: C2115)			
** DISCCART	406812.501471276	3758987.49896729	435.20	1.50
** receptor	=B2157+1 (sensitive receptor: C2116)			
** DISCCART	406812.501471276	3758687.50003121	397.80	1.50
** receptor	=B2158+1 (sensitive receptor: C2117)			
** DISCCART	406812.501471276	3758637.50020853	384.70	1.50
** receptor	=B2159+1 (sensitive receptor: C2118)			
** DISCCART	406812.501471276	3758587.50038585	379.40	1.50
** receptor	=B2160+1 (sensitive receptor: C2119)			
** DISCCART	406862.496025243	3758737.49985389	406.70	1.50
** receptor	=B2161+1 (sensitive receptor: C2120)			
** DISCCART	406862.496025243	3758687.50003121	400.10	1.50
** receptor	=B2162+1 (sensitive receptor: C2121)			
** DISCCART	406862.496025243	3758637.50020853	387.00	1.50
** receptor	=B2163+1 (sensitive receptor: C2122)			
** DISCCART	406862.496025243	3758587.50038585	356.60	1.50
** receptor	=B2164+1 (sensitive receptor: C2123)			
** DISCCART	406912.498825054	3758787.49967657	416.60	1.50
** receptor	=B2165+1 (sensitive receptor: C2124)			
** DISCCART	406912.498825054	3758737.49985389	403.40	1.50
** receptor	=B2166+1 (sensitive receptor: C2125)			
** DISCCART	406912.498825054	3758687.50003121	393.60	1.50
** receptor	=B2167+1 (sensitive receptor: C2126)			
** DISCCART	406912.498825054	3758637.50020853	382.70	1.50
** receptor	=B2168+1 (sensitive receptor: C2127)			
** DISCCART	406912.498825054	3758587.50038585	378.20	1.50
** receptor	=B2169+1 (sensitive receptor: C2128)			
** DISCCART	406962.501624865	3758737.49985389	403.40	1.50
** receptor	=B2170+1 (sensitive receptor: C2129)			
** DISCCART	406962.501624865	3758687.50003121	393.50	1.50
** receptor	=B2171+1 (sensitive receptor: C2130)			
** DISCCART	406962.501624865	3758637.50020853	377.20	1.50
** receptor	=B2172+1 (sensitive receptor: C2131)			
** DISCCART	406962.501624865	3758587.50038585	383.80	1.50
** receptor	=B2173+1 (sensitive receptor: C2132)			
** DISCCART	407012.504424677	3758687.50003121	390.20	1.50
** receptor	=B2174+1 (sensitive receptor: C2133)			
** DISCCART	407012.504424677	3758637.50020853	378.20	1.50
** receptor	=B2175+1 (sensitive receptor: C2134)			
** DISCCART	407012.504424677	3758587.50038585	391.30	1.50
** receptor	=B2176+1 (sensitive receptor: C2135)			
** DISCCART	407062.498978644	3758687.50003121	383.70	1.50
** receptor	=B2177+1 (sensitive receptor: C2136)			
** DISCCART	407062.498978644	3758637.50020853	389.00	1.50
** receptor	=B2178+1 (sensitive receptor: C2137)			
** DISCCART	407062.498978644	3758587.50038585	400.20	1.50
** receptor	=B2179+1 (sensitive receptor: C2138)			
** DISCCART	407112.501778455	3758637.50020853	404.40	1.50
** receptor	=B2180+1 (sensitive receptor: C2139)			
** DISCCART	407112.501778455	3758587.50038585	410.00	1.50
** receptor	=B2181+1 (sensitive receptor: C2140)			
** DISCCART	407162.496332422	3758637.50020853	416.60	1.50
** receptor	=B2182+1 (sensitive receptor: C2141)			
** DISCCART	407162.496332422	3758587.50038585	416.60	1.50
** receptor	=B2183+1 (sensitive receptor: C2142)			
** DISCCART	407212.499132233	3758637.50020853	433.00	1.50
** receptor	=B2184+1 (sensitive receptor: C2143)			
** DISCCART	407212.499132233	3758587.50038585	447.10	1.50
** receptor	=B2185+1 (sensitive receptor: C2144)			
** DISCCART	407262.501932044	3758637.50020853	450.30	1.50
** receptor	=B2186+1 (sensitive receptor: C2145)			
** DISCCART	407262.501932044	3758587.50038585	453.60	1.50
** receptor	=B2187+1 (sensitive receptor: C2146)			
** DISCCART	407312.496486011	3758637.50020853	466.70	1.50
** receptor	=B2188+1 (sensitive receptor: C2147)			
** DISCCART	407312.496486011	3758587.50038585	463.40	1.50
** receptor	=B2189+1 (sensitive receptor: C2148)			

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** DISCCART	407362.499285822	3758637.50020853	479.80	1.50
** receptor	=B2190+1 (sensitive receptor: C2149)			
** DISCCART	407362.499285822	3758587.50038585	479.80	1.50
** receptor	=B2191+1 (sensitive receptor: C2150)			
** DISCCART	407412.502085634	3758637.50020853	499.50	1.50
** receptor	=B2192+1 (sensitive receptor: C2151)			
** DISCCART	407412.502085634	3758587.50038585	502.80	1.50
** receptor	=B2193+1 (sensitive receptor: C2152)			
** DISCCART	407462.4966396	3758637.50020853	500.90	1.50
** receptor	=B2194+1 (sensitive receptor: C2153)			
** DISCCART	407462.4966396	3758587.50038585	508.50	1.50
** receptor	=B2195+1 (sensitive receptor: C2154)			
** DISCCART	407512.499439412	3758637.50020853	481.20	1.50
** receptor	=B2196+1 (sensitive receptor: C2155)			
** DISCCART	407512.499439412	3758587.50038585	479.40	1.50
** receptor	=B2197+1 (sensitive receptor: C2156)			
** DISCCART	407562.502239223	3758637.50020853	0.00	1.50
** receptor	=B2198+1 (sensitive receptor: C2157)			
** DISCCART	407562.502239223	3758587.50038585	0.00	1.50
** receptor	=B2199+1 (sensitive receptor: C2158)			
** DISCCART	407612.49679319	3758637.50020853	0.00	1.50
** receptor	=B2200+1 (sensitive receptor: C2159)			
** DISCCART	407612.49679319	3758587.50038585	0.00	1.50
** receptor	=B2201+1 (sensitive receptor: C2160)			
** DISCCART	407662.499593001	3758637.50020853	0.00	1.50
** receptor	=B2202+1 (sensitive receptor: C2161)			
** DISCCART	407662.499593001	3758587.50038585	0.00	1.50
** receptor	=B2203+1 (sensitive receptor: C2162)			
** DISCCART	407712.502392812	3758637.50020853	0.00	1.50
** receptor	=B2204+1 (sensitive receptor: C2163)			
** DISCCART	407712.502392812	3758587.50038585	0.00	1.50
** receptor	=B2205+1 (sensitive receptor: C2164)			
** DISCCART	407762.496946779	3758637.50020853	0.00	1.50
** receptor	=B2206+1 (sensitive receptor: C2165)			
** DISCCART	407762.496946779	3758587.50038585	0.00	1.50
** receptor	=B2207+1 (sensitive receptor: C2166)			
** DISCCART	407812.49974659	3758637.50020853	0.00	1.50
** receptor	=B2208+1 (sensitive receptor: C2167)			
** DISCCART	407812.49974659	3758587.50038585	0.00	1.50
** receptor	=B2209+1 (sensitive receptor: C2168)			
** DISCCART	407862.502546402	3758637.50020853	0.00	1.50
** receptor	=B2210+1 (sensitive receptor: C2169)			
** DISCCART	407862.502546402	3758587.50038585	0.00	1.50
** receptor	=B2211+1 (sensitive receptor: C2170)			
** DISCCART	407912.497100369	3758637.50020853	0.00	1.50
** receptor	=B2212+1 (sensitive receptor: C2171)			
** DISCCART	407912.497100369	3758587.50038585	0.00	1.50
** receptor	=B2213+1 (sensitive receptor: C2172)			
** DISCCART	407962.49990018	3758637.50020853	0.00	1.50
** receptor	=B2214+1 (sensitive receptor: C2173)			
** DISCCART	407962.49990018	3758587.50038585	0.00	1.50
** receptor	=B2215+1 (sensitive receptor: C2174)			
** DISCCART	408012.502699991	3758637.50020853	0.00	1.50
** receptor	=B2216+1 (sensitive receptor: C2175)			
** DISCCART	408012.502699991	3758587.50038585	0.00	1.50
** receptor	=B2217+1 (sensitive receptor: C2176)			
** DISCCART	408062.497253958	3758637.50020853	0.00	1.50
** receptor	=B2218+1 (sensitive receptor: C2177)			
** DISCCART	408062.497253958	3758587.50038585	0.00	1.50
** receptor	=B2219+1 (sensitive receptor: C2178)			
** DISCCART	408112.500053769	3758637.50020853	0.00	1.50
** receptor	=B2220+1 (sensitive receptor: C2179)			
** DISCCART	408112.500053769	3758587.50038585	0.00	1.50
** receptor	=B2221+1 (sensitive receptor: C2180)			
** DISCCART	405987.496503612	3758537.50056317	305.00	1.50
** receptor	=B2222+1 (sensitive receptor: C2181)			
** DISCCART	406012.497903518	3758537.50056317	308.30	1.50
** receptor	=B2223+1 (sensitive receptor: C2182)			
** DISCCART	406037.499303424	3758537.50056317	310.80	1.50
** receptor	=B2224+1 (sensitive receptor: C2183)			
** DISCCART	406062.500703329	3758537.50056317	311.60	1.50
** receptor	=B2225+1 (sensitive receptor: C2184)			
** DISCCART	406087.502103235	3758537.50056317	314.90	1.50
** receptor	=B2226+1 (sensitive receptor: C2185)			
** DISCCART	406112.495257296	3758537.50056317	315.80	1.50
** receptor	=B2227+1 (sensitive receptor: C2186)			

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** DISCCART	406137.496657202	3758537.50056317	318.20	1.50
** receptor	=B2228+1 (sensitive receptor: C2187)			
** DISCCART	406162.498057107	3758537.50056317	321.40	1.50
** receptor	=B2229+1 (sensitive receptor: C2188)			
** DISCCART	406187.499457013	3758537.50056317	324.00	1.50
** receptor	=B2230+1 (sensitive receptor: C2189)			
** DISCCART	406212.500856919	3758537.50056317	327.90	1.50
** receptor	=B2231+1 (sensitive receptor: C2190)			
** DISCCART	406237.502256824	3758537.50056317	330.60	1.50
** receptor	=B2232+1 (sensitive receptor: C2191)			
** DISCCART	406262.495410886	3758537.50056317	334.60	1.50
** receptor	=B2233+1 (sensitive receptor: C2192)			
** DISCCART	406287.496810791	3758537.50056317	337.80	1.50
** receptor	=B2234+1 (sensitive receptor: C2193)			
** DISCCART	406312.498210697	3758537.50056317	341.10	1.50
** receptor	=B2235+1 (sensitive receptor: C2194)			
** DISCCART	406337.499610602	3758537.50056317	343.60	1.50
** receptor	=B2236+1 (sensitive receptor: C2195)			
** DISCCART	406362.501010508	3758537.50056317	344.40	1.50
** receptor	=B2237+1 (sensitive receptor: C2196)			
** DISCCART	406387.502410414	3758537.50056317	346.90	1.50
** receptor	=B2238+1 (sensitive receptor: C2197)			
** DISCCART	406412.503810319	3758537.50056317	347.70	1.50
** receptor	=B2239+1 (sensitive receptor: C2198)			
** DISCCART	406437.496964381	3758537.50056317	351.00	1.50
** receptor	=B2240+1 (sensitive receptor: C2199)			
** DISCCART	406462.498364286	3758537.50056317	354.20	1.50
** receptor	=B2241+1 (sensitive receptor: C2200)			
** DISCCART	406487.499764192	3758537.50056317	354.20	1.50
** receptor	=B2242+1 (sensitive receptor: C2201)			
** DISCCART	406512.501164097	3758537.50056317	357.50	1.50
** receptor	=B2243+1 (sensitive receptor: C2202)			
** DISCCART	406562.495718064	3758537.50056317	357.50	1.50
** receptor	=B2244+1 (sensitive receptor: C2203)			
** DISCCART	406612.498517875	3758537.50056317	360.70	1.50
** receptor	=B2245+1 (sensitive receptor: C2204)			
** DISCCART	406662.501317687	3758537.50056317	357.50	1.50
** receptor	=B2246+1 (sensitive receptor: C2205)			
** DISCCART	406712.495871654	3758537.50056317	360.70	1.50
** receptor	=B2247+1 (sensitive receptor: C2206)			
** DISCCART	406762.498671465	3758537.50056317	357.50	1.50
** receptor	=B2248+1 (sensitive receptor: C2207)			
** DISCCART	406812.501471276	3758537.50056317	360.80	1.50
** receptor	=B2249+1 (sensitive receptor: C2208)			
** DISCCART	406862.496025243	3758537.50056317	365.10	1.50
** receptor	=B2250+1 (sensitive receptor: C2209)			
** DISCCART	406912.498825054	3758537.50056317	377.10	1.50
** receptor	=B2251+1 (sensitive receptor: C2210)			
** DISCCART	406962.501624865	3758537.50056317	388.90	1.50
** receptor	=B2252+1 (sensitive receptor: C2211)			
** DISCCART	407012.504424677	3758537.50056317	400.20	1.50
** receptor	=B2253+1 (sensitive receptor: C2212)			
** DISCCART	407062.498978644	3758537.50056317	403.50	1.50
** receptor	=B2254+1 (sensitive receptor: C2213)			
** DISCCART	407112.501778455	3758537.50056317	416.60	1.50
** receptor	=B2255+1 (sensitive receptor: C2214)			
** DISCCART	407162.496332422	3758537.50056317	426.50	1.50
** receptor	=B2256+1 (sensitive receptor: C2215)			
** DISCCART	407212.499132233	3758537.50056317	462.60	1.50
** receptor	=B2257+1 (sensitive receptor: C2216)			
** DISCCART	407262.501932044	3758537.50056317	465.90	1.50
** receptor	=B2258+1 (sensitive receptor: C2217)			
** DISCCART	407312.496486011	3758537.50056317	482.30	1.50
** receptor	=B2259+1 (sensitive receptor: C2218)			
** DISCCART	407362.499285822	3758537.50056317	483.30	1.50
** receptor	=B2260+1 (sensitive receptor: C2219)			
** DISCCART	407412.502085634	3758537.50056317	496.20	1.50
** receptor	=B2261+1 (sensitive receptor: C2220)			
** DISCCART	407462.4966396	3758537.50056317	519.20	1.50
** receptor	=B2262+1 (sensitive receptor: C2221)			
** DISCCART	407512.499439412	3758537.50056317	486.90	1.50
** receptor	=B2263+1 (sensitive receptor: C2222)			
** DISCCART	407562.502239223	3758537.50056317	0.00	1.50
** receptor	=B2264+1 (sensitive receptor: C2223)			
** DISCCART	407612.49679319	3758537.50056317	0.00	1.50
** receptor	=B2265+1 (sensitive receptor: C2224)			

Appendix B

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DISCCART 407662.499593001 3758537.50056317 0.00 1.50
 ** receptor =B2266+1 (sensitive receptor: C2225)
 DISCCART 407712.502392812 3758537.50056317 0.00 1.50
 ** receptor =B2267+1 (sensitive receptor: C2226)
 DISCCART 407762.496946779 3758537.50056317 0.00 1.50
 ** receptor =B2268+1 (sensitive receptor: C2227)
 DISCCART 407812.49974659 3758537.50056317 0.00 1.50
 ** receptor =B2269+1 (sensitive receptor: C2228)
 DISCCART 407862.502546402 3758537.50056317 0.00 1.50
 ** receptor =B2270+1 (sensitive receptor: C2229)
 DISCCART 407912.497100369 3758537.50056317 0.00 1.50
 ** receptor =B2271+1 (sensitive receptor: C2230)
 DISCCART 407962.49990018 3758537.50056317 0.00 1.50
 ** receptor =B2272+1 (sensitive receptor: C2231)
 DISCCART 408012.502699991 3758537.50056317 0.00 1.50
 ** receptor =B2273+1 (sensitive receptor: C2232)
 DISCCART 408062.497253958 3758537.50056317 0.00 1.50
 ** receptor =B2274+1 (sensitive receptor: C2233)
 DISCCART 408112.500053769 3758537.50056317 0.00 1.50
 ** receptor =B2275+1 (sensitive receptor: C2234)
 DISCCART 405962.503349551 3758587.50038585 308.30 1.50
 ** receptor =B2276+1 (sensitive receptor: C2235)
 DISCCART 406012.497903518 3758587.50038585 311.60 1.50
 ** receptor =B2277+1 (sensitive receptor: C2236)
 DISCCART 406062.500703329 3758587.50038585 314.90 1.50
 ** receptor =B2278+1 (sensitive receptor: C2237)
 DISCCART 406112.495257296 3758587.50038585 318.20 1.50
 ** receptor =B2279+1 (sensitive receptor: C2238)
 DISCCART 406162.498057107 3758587.50038585 324.70 1.50
 ** receptor =B2280+1 (sensitive receptor: C2239)
 DISCCART 406212.500856919 3758587.50038585 331.20 1.50
 ** receptor =B2281+1 (sensitive receptor: C2240)
 DISCCART 406262.495410886 3758587.50038585 335.50 1.50
 ** receptor =B2282+1 (sensitive receptor: C2241)
 DISCCART 406312.498210697 3758587.50038585 342.00 1.50
 ** receptor =B2283+1 (sensitive receptor: C2242)
 DISCCART 406362.501010508 3758587.50038585 345.30 1.50
 ** receptor =B2284+1 (sensitive receptor: C2243)
 DISCCART 406412.503810319 3758587.50038585 351.00 1.50
 ** receptor =B2285+1 (sensitive receptor: C2244)
 DISCCART 406462.498364286 3758587.50038585 357.50 1.50
 ** receptor =B2286+1 (sensitive receptor: C2245)
 DISCCART 406512.501164097 3758587.50038585 360.80 1.50
 ** receptor =B2287+1 (sensitive receptor: C2246)
 DISCCART 405987.496503612 3760012.50033123 754.40 1.50
 ** receptor =B2288+1 (sensitive receptor: C2247)
 DISCCART 405987.496503612 3759962.50050855 734.70 1.50
 ** receptor =B2289+1 (sensitive receptor: C2248)
 DISCCART 405987.496503612 3759912.50068587 712.60 1.50
 ** receptor =B2290+1 (sensitive receptor: C2249)
 DISCCART 405987.496503612 3759862.50086319 672.50 1.50
 ** receptor =B2291+1 (sensitive receptor: C2250)
 DISCCART 405987.496503612 3759812.50104051 637.20 1.50
 ** receptor =B2292+1 (sensitive receptor: C2251)
 DISCCART 405987.496503612 3759762.50121783 623.20 1.50
 ** receptor =B2293+1 (sensitive receptor: C2252)
 DISCCART 405987.496503612 3759712.50139515 590.00 1.50
 ** receptor =B2294+1 (sensitive receptor: C2253)
 DISCCART 405987.496503612 3759662.50157247 544.10 1.50
 ** receptor =B2295+1 (sensitive receptor: C2254)
 DISCCART 405987.496503612 3759612.50174979 531.00 1.50
 ** receptor =B2296+1 (sensitive receptor: C2255)
 DISCCART 405987.496503612 3759562.5019271 525.80 1.50
 ** receptor =B2297+1 (sensitive receptor: C2256)
 DISCCART 405987.496503612 3759512.50210442 531.40 1.50
 ** receptor =B2298+1 (sensitive receptor: C2257)
 DISCCART 405987.496503612 3759462.50228174 529.30 1.50
 ** receptor =B2299+1 (sensitive receptor: C2258)
 DISCCART 405987.496503612 3759412.50245906 502.40 1.50
 ** receptor =B2300+1 (sensitive receptor: C2259)
 DISCCART 405987.496503612 3759362.50263638 470.80 1.50
 ** receptor =B2301+1 (sensitive receptor: C2260)
 DISCCART 405987.496503612 3759312.5028137 442.60 1.50
 ** receptor =B2302+1 (sensitive receptor: C2261)
 DISCCART 405987.496503612 3759262.50299102 415.70 1.50
 ** receptor =B2303+1 (sensitive receptor: C2262)

Appendix B

NOx Peak Hour Emissions Mitigated

** receptor	DISCCART	405987.496503612	3759212.50316834	380.80	1.50
	=B2304+1 (sensitive receptor: C2263)				
** receptor	DISCCART	405987.496503612	3759162.50334566	377.20	1.50
	=B2305+1 (sensitive receptor: C2264)				
** receptor	DISCCART	405987.496503612	3759112.50352298	371.90	1.50
	=B2306+1 (sensitive receptor: C2265)				
** receptor	DISCCART	405987.496503612	3759062.5037003	363.70	1.50
	=B2307+1 (sensitive receptor: C2266)				
** receptor	DISCCART	405987.496503612	3759012.50387762	357.50	1.50
	=B2308+1 (sensitive receptor: C2267)				
** receptor	DISCCART	405987.496503612	3758962.50405494	355.50	1.50
	=B2309+1 (sensitive receptor: C2268)				
** receptor	DISCCART	405987.496503612	3758912.50423226	348.90	1.50
	=B2310+1 (sensitive receptor: C2269)				
** receptor	DISCCART	405987.496503612	3758862.50440957	342.30	1.50
	=B2311+1 (sensitive receptor: C2270)				
** receptor	DISCCART	405987.496503612	3758812.50458689	334.60	1.50
	=B2312+1 (sensitive receptor: C2271)				
** receptor	DISCCART	405987.496503612	3758762.50476421	329.20	1.50
	=B2313+1 (sensitive receptor: C2272)				
** receptor	DISCCART	405987.496503612	3758712.50494153	322.70	1.50
	=B2314+1 (sensitive receptor: C2273)				
** receptor	DISCCART	405987.496503612	3758662.50511885	316.40	1.50
	=B2315+1 (sensitive receptor: C2274)				
** receptor	DISCCART	406037.499303424	3760012.50033123	724.10	1.50
	=B2316+1 (sensitive receptor: C2275)				
** receptor	DISCCART	406037.499303424	3759812.50104051	595.50	1.50
	=B2317+1 (sensitive receptor: C2276)				
** receptor	DISCCART	406037.499303424	3759762.50121783	588.60	1.50
	=B2318+1 (sensitive receptor: C2277)				
** receptor	DISCCART	406037.499303424	3759712.50139515	585.00	1.50
	=B2319+1 (sensitive receptor: C2278)				
** receptor	DISCCART	406037.499303424	3759662.50157247	546.00	1.50
	=B2320+1 (sensitive receptor: C2279)				
** receptor	DISCCART	406037.499303424	3759612.50174979	532.90	1.50
	=B2321+1 (sensitive receptor: C2280)				
** receptor	DISCCART	406037.499303424	3759562.5019271	523.50	1.50
	=B2322+1 (sensitive receptor: C2281)				
** receptor	DISCCART	406037.499303424	3759512.50210442	501.60	1.50
	=B2323+1 (sensitive receptor: C2282)				
** receptor	DISCCART	406037.499303424	3759462.50228174	468.20	1.50
	=B2324+1 (sensitive receptor: C2283)				
** receptor	DISCCART	406037.499303424	3759412.50245906	463.60	1.50
	=B2325+1 (sensitive receptor: C2284)				
** receptor	DISCCART	406037.499303424	3759362.50263638	444.10	1.50
	=B2326+1 (sensitive receptor: C2285)				
** receptor	DISCCART	406037.499303424	3759312.5028137	436.80	1.50
	=B2327+1 (sensitive receptor: C2286)				
** receptor	DISCCART	406037.499303424	3759262.50299102	402.80	1.50
	=B2328+1 (sensitive receptor: C2287)				
** receptor	DISCCART	406037.499303424	3759212.50316834	391.20	1.50
	=B2329+1 (sensitive receptor: C2288)				
** receptor	DISCCART	406037.499303424	3759162.50334566	383.40	1.50
	=B2330+1 (sensitive receptor: C2289)				
** receptor	DISCCART	406037.499303424	3759112.50352298	377.20	1.50
	=B2331+1 (sensitive receptor: C2290)				
** receptor	DISCCART	406037.499303424	3759062.5037003	370.30	1.50
	=B2332+1 (sensitive receptor: C2291)				
** receptor	DISCCART	406037.499303424	3759012.50387762	366.60	1.50
	=B2333+1 (sensitive receptor: C2292)				
** receptor	DISCCART	406037.499303424	3758962.50405494	362.00	1.50
	=B2334+1 (sensitive receptor: C2293)				
** receptor	DISCCART	406037.499303424	3758912.50423226	354.20	1.50
	=B2335+1 (sensitive receptor: C2294)				
** receptor	DISCCART	406037.499303424	3758862.50440957	344.40	1.50
	=B2336+1 (sensitive receptor: C2295)				
** receptor	DISCCART	406037.499303424	3758812.50458689	340.70	1.50
	=B2337+1 (sensitive receptor: C2296)				
** receptor	DISCCART	406037.499303424	3758762.50476421	334.20	1.50
	=B2338+1 (sensitive receptor: C2297)				
** receptor	DISCCART	406037.499303424	3758712.50494153	326.30	1.50
	=B2339+1 (sensitive receptor: C2298)				
** receptor	DISCCART	406037.499303424	3758662.50511885	321.10	1.50
	=B2340+1 (sensitive receptor: C2299)				
** receptor	DISCCART	406087.502103235	3760012.50033123	658.00	1.50
	=B2341+1 (sensitive receptor: C2300)				

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NOx Peak Hour Emissions Mitigated

DISCCART 406087.502103235 3759812.50104051 501.10 1.50
 ** receptor =B2342+1 (sensitive receptor: C2301)
 DISCCART 406087.502103235 3759762.50121783 493.10 1.50
 ** receptor =B2343+1 (sensitive receptor: C2302)
 DISCCART 406087.502103235 3759712.50139515 497.00 1.50
 ** receptor =B2344+1 (sensitive receptor: C2303)
 DISCCART 406087.502103235 3759662.50157247 483.50 1.50
 ** receptor =B2345+1 (sensitive receptor: C2304)
 DISCCART 406087.502103235 3759612.50174979 489.70 1.50
 ** receptor =B2346+1 (sensitive receptor: C2305)
 DISCCART 406087.502103235 3759562.5019271 472.00 1.50
 ** receptor =B2347+1 (sensitive receptor: C2306)
 DISCCART 406087.502103235 3759512.50210442 465.80 1.50
 ** receptor =B2348+1 (sensitive receptor: C2307)
 DISCCART 406087.502103235 3759462.50228174 455.90 1.50
 ** receptor =B2349+1 (sensitive receptor: C2308)
 DISCCART 406087.502103235 3759412.50245906 426.80 1.50
 ** receptor =B2350+1 (sensitive receptor: C2309)
 DISCCART 406087.502103235 3759362.50263638 420.90 1.50
 ** receptor =B2351+1 (sensitive receptor: C2310)
 DISCCART 406087.502103235 3759312.5028137 418.30 1.50
 ** receptor =B2352+1 (sensitive receptor: C2311)
 DISCCART 406087.502103235 3759262.50299102 401.00 1.50
 ** receptor =B2353+1 (sensitive receptor: C2312)
 DISCCART 406087.502103235 3759212.50316834 394.80 1.50
 ** receptor =B2354+1 (sensitive receptor: C2313)
 DISCCART 406087.502103235 3759162.50334566 390.30 1.50
 ** receptor =B2355+1 (sensitive receptor: C2314)
 DISCCART 406087.502103235 3759112.50352298 383.40 1.50
 ** receptor =B2356+1 (sensitive receptor: C2315)
 DISCCART 406087.502103235 3759062.5037003 377.20 1.50
 ** receptor =B2357+1 (sensitive receptor: C2316)
 DISCCART 406087.502103235 3759012.50387762 373.20 1.50
 ** receptor =B2358+1 (sensitive receptor: C2317)
 DISCCART 406087.502103235 3758962.50405494 365.60 1.50
 ** receptor =B2359+1 (sensitive receptor: C2318)
 DISCCART 406087.502103235 3758912.50423226 358.70 1.50
 ** receptor =B2360+1 (sensitive receptor: C2319)
 DISCCART 406087.502103235 3758862.50440957 352.20 1.50
 ** receptor =B2361+1 (sensitive receptor: C2320)
 DISCCART 406087.502103235 3758812.50458689 344.40 1.50
 ** receptor =B2362+1 (sensitive receptor: C2321)
 DISCCART 406087.502103235 3758762.50476421 337.80 1.50
 ** receptor =B2363+1 (sensitive receptor: C2322)
 DISCCART 406087.502103235 3758712.50494153 331.30 1.50
 ** receptor =B2364+1 (sensitive receptor: C2323)
 DISCCART 406087.502103235 3758662.50511885 324.70 1.50
 ** receptor =B2365+1 (sensitive receptor: C2324)
 DISCCART 406137.496657202 3760012.50033123 577.10 1.50
 ** receptor =B2366+1 (sensitive receptor: C2325)
 DISCCART 406137.496657202 3759812.50104051 485.40 1.50
 ** receptor =B2367+1 (sensitive receptor: C2326)
 DISCCART 406137.496657202 3759762.50121783 485.10 1.50
 ** receptor =B2368+1 (sensitive receptor: C2327)
 DISCCART 406137.496657202 3759712.50139515 484.00 1.50
 ** receptor =B2369+1 (sensitive receptor: C2328)
 DISCCART 406137.496657202 3759662.50157247 477.70 1.50
 ** receptor =B2370+1 (sensitive receptor: C2329)
 DISCCART 406137.496657202 3759612.50174979 469.00 1.50
 ** receptor =B2371+1 (sensitive receptor: C2330)
 DISCCART 406137.496657202 3759562.5019271 461.10 1.50
 ** receptor =B2372+1 (sensitive receptor: C2331)
 DISCCART 406137.496657202 3759512.50210442 436.60 1.50
 ** receptor =B2373+1 (sensitive receptor: C2332)
 DISCCART 406137.496657202 3759462.50228174 426.40 1.50
 ** receptor =B2374+1 (sensitive receptor: C2333)
 DISCCART 406137.496657202 3759412.50245906 433.20 1.50
 ** receptor =B2375+1 (sensitive receptor: C2334)
 DISCCART 406137.496657202 3759362.50263638 436.40 1.50
 ** receptor =B2376+1 (sensitive receptor: C2335)
 DISCCART 406137.496657202 3759312.5028137 436.40 1.50
 ** receptor =B2377+1 (sensitive receptor: C2336)
 DISCCART 406137.496657202 3759262.50299102 417.40 1.50
 ** receptor =B2378+1 (sensitive receptor: C2337)
 DISCCART 406137.496657202 3759212.50316834 404.70 1.50
 ** receptor =B2379+1 (sensitive receptor: C2338)

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NOx Peak Hour Emissions Mitigated

DISCCART 406137.496657202 3759162.50334566 398.10 1.50
 ** receptor =B2380+1 (sensitive receptor: C2339)
 DISCCART 406137.496657202 3759112.50352298 390.30 1.50
 ** receptor =B2381+1 (sensitive receptor: C2340)
 DISCCART 406137.496657202 3759062.5037003 383.40 1.50
 ** receptor =B2382+1 (sensitive receptor: C2341)
 DISCCART 406137.496657202 3759012.50387762 380.50 1.50
 ** receptor =B2383+1 (sensitive receptor: C2342)
 DISCCART 406137.496657202 3758962.50405494 373.50 1.50
 ** receptor =B2384+1 (sensitive receptor: C2343)
 DISCCART 406137.496657202 3758912.50423226 365.30 1.50
 ** receptor =B2385+1 (sensitive receptor: C2344)
 DISCCART 406137.496657202 3758862.50440957 357.50 1.50
 ** receptor =B2386+1 (sensitive receptor: C2345)
 DISCCART 406137.496657202 3758812.50458689 349.20 1.50
 ** receptor =B2387+1 (sensitive receptor: C2346)
 DISCCART 406137.496657202 3758762.50476421 342.30 1.50
 ** receptor =B2388+1 (sensitive receptor: C2347)
 DISCCART 406137.496657202 3758712.50494153 334.60 1.50
 ** receptor =B2389+1 (sensitive receptor: C2348)
 DISCCART 406137.496657202 3758662.50511885 329.20 1.50
 ** receptor =B2390+1 (sensitive receptor: C2349)
 DISCCART 406187.499457013 3759412.50245906 481.00 1.50
 ** receptor =B2391+1 (sensitive receptor: C2350)
 DISCCART 406187.499457013 3759362.50263638 463.30 1.50
 ** receptor =B2392+1 (sensitive receptor: C2351)
 DISCCART 406187.499457013 3759312.5028137 455.10 1.50
 ** receptor =B2393+1 (sensitive receptor: C2352)
 DISCCART 406187.499457013 3759262.50299102 427.60 1.50
 ** receptor =B2394+1 (sensitive receptor: C2353)
 DISCCART 406187.499457013 3759212.50316834 412.90 1.50
 ** receptor =B2395+1 (sensitive receptor: C2354)
 DISCCART 406187.499457013 3759162.50334566 403.40 1.50
 ** receptor =B2396+1 (sensitive receptor: C2355)
 DISCCART 406187.499457013 3759112.50352298 396.50 1.50
 ** receptor =B2397+1 (sensitive receptor: C2356)
 DISCCART 406187.499457013 3759062.5037003 389.90 1.50
 ** receptor =B2398+1 (sensitive receptor: C2357)
 DISCCART 406187.499457013 3759012.50387762 385.00 1.50
 ** receptor =B2399+1 (sensitive receptor: C2358)
 DISCCART 406187.499457013 3758962.50405494 380.10 1.50
 ** receptor =B2400+1 (sensitive receptor: C2359)
 DISCCART 406187.499457013 3758912.50423226 368.90 1.50
 ** receptor =B2401+1 (sensitive receptor: C2360)
 DISCCART 406187.499457013 3758862.50440957 362.40 1.50
 ** receptor =B2402+1 (sensitive receptor: C2361)
 DISCCART 406187.499457013 3758812.50458689 354.20 1.50
 ** receptor =B2403+1 (sensitive receptor: C2362)
 DISCCART 406187.499457013 3758762.50476421 344.40 1.50
 ** receptor =B2404+1 (sensitive receptor: C2363)
 DISCCART 406187.499457013 3758712.50494153 337.50 1.50
 ** receptor =B2405+1 (sensitive receptor: C2364)
 DISCCART 406187.499457013 3758662.50511885 334.20 1.50
 ** receptor =B2406+1 (sensitive receptor: C2365)
 DISCCART 406237.502256824 3759412.50245906 492.80 1.50
 ** receptor =B2407+1 (sensitive receptor: C2366)
 DISCCART 406237.502256824 3759362.50263638 472.90 1.50
 ** receptor =B2408+1 (sensitive receptor: C2367)
 DISCCART 406237.502256824 3759312.5028137 453.00 1.50
 ** receptor =B2409+1 (sensitive receptor: C2368)
 DISCCART 406237.502256824 3759262.50299102 437.40 1.50
 ** receptor =B2410+1 (sensitive receptor: C2369)
 DISCCART 406237.502256824 3759212.50316834 417.80 1.50
 ** receptor =B2411+1 (sensitive receptor: C2370)
 DISCCART 406237.502256824 3759162.50334566 408.30 1.50
 ** receptor =B2412+1 (sensitive receptor: C2371)
 DISCCART 406237.502256824 3759112.50352298 403.10 1.50
 ** receptor =B2413+1 (sensitive receptor: C2372)
 DISCCART 406237.502256824 3759062.5037003 394.80 1.50
 ** receptor =B2414+1 (sensitive receptor: C2373)
 DISCCART 406237.502256824 3759012.50387762 387.00 1.50
 ** receptor =B2415+1 (sensitive receptor: C2374)
 DISCCART 406237.502256824 3758962.50405494 380.50 1.50
 ** receptor =B2416+1 (sensitive receptor: C2375)
 DISCCART 406237.502256824 3758912.50423226 372.20 1.50
 ** receptor =B2417+1 (sensitive receptor: C2376)

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** DISCCART	406237.502256824	3758862.50440957	364.10	1.50
** receptor	=B2418+1 (sensitive receptor: C2377)			
** DISCCART	406237.502256824	3758812.50458689	355.80	1.50
** receptor	=B2419+1 (sensitive receptor: C2378)			
** DISCCART	406237.502256824	3758762.50476421	346.00	1.50
** receptor	=B2420+1 (sensitive receptor: C2379)			
** DISCCART	406237.502256824	3758712.50494153	341.10	1.50
** receptor	=B2421+1 (sensitive receptor: C2380)			
** DISCCART	406237.502256824	3758662.50511885	337.50	1.50
** receptor	=B2422+1 (sensitive receptor: C2381)			
** DISCCART	406287.496810791	3759412.50245906	504.70	1.50
** receptor	=B2423+1 (sensitive receptor: C2382)			
** DISCCART	406287.496810791	3759362.50263638	481.30	1.50
** receptor	=B2424+1 (sensitive receptor: C2383)			
** DISCCART	406287.496810791	3759312.5028137	455.50	1.50
** receptor	=B2425+1 (sensitive receptor: C2384)			
** DISCCART	406287.496810791	3759262.50299102	441.10	1.50
** receptor	=B2426+1 (sensitive receptor: C2385)			
** DISCCART	406287.496810791	3759212.50316834	424.70	1.50
** receptor	=B2427+1 (sensitive receptor: C2386)			
** DISCCART	406287.496810791	3759162.50334566	413.30	1.50
** receptor	=B2428+1 (sensitive receptor: C2387)			
** DISCCART	406287.496810791	3759112.50352298	403.40	1.50
** receptor	=B2429+1 (sensitive receptor: C2388)			
** DISCCART	406287.496810791	3759062.5037003	396.90	1.50
** receptor	=B2430+1 (sensitive receptor: C2389)			
** DISCCART	406287.496810791	3759012.50387762	388.30	1.50
** receptor	=B2431+1 (sensitive receptor: C2390)			
** DISCCART	406287.496810791	3758962.50405494	380.50	1.50
** receptor	=B2432+1 (sensitive receptor: C2391)			
** DISCCART	406287.496810791	3758912.50423226	372.20	1.50
** receptor	=B2433+1 (sensitive receptor: C2392)			
** DISCCART	406287.496810791	3758862.50440957	363.70	1.50
** receptor	=B2434+1 (sensitive receptor: C2393)			
** DISCCART	406287.496810791	3758812.50458689	355.80	1.50
** receptor	=B2435+1 (sensitive receptor: C2394)			
** DISCCART	406287.496810791	3758762.50476421	349.20	1.50
** receptor	=B2436+1 (sensitive receptor: C2395)			
** DISCCART	406287.496810791	3758712.50494153	344.40	1.50
** receptor	=B2437+1 (sensitive receptor: C2396)			
** DISCCART	406287.496810791	3758662.50511885	341.10	1.50
** receptor	=B2438+1 (sensitive receptor: C2397)			
** DISCCART	406337.499610602	3759412.50245906	504.10	1.50
** receptor	=B2439+1 (sensitive receptor: C2398)			
** DISCCART	406337.499610602	3759362.50263638	490.60	1.50
** receptor	=B2440+1 (sensitive receptor: C2399)			
** DISCCART	406337.499610602	3759312.5028137	462.40	1.50
** receptor	=B2441+1 (sensitive receptor: C2400)			
** DISCCART	406337.499610602	3759262.50299102	444.40	1.50
** receptor	=B2442+1 (sensitive receptor: C2401)			
** DISCCART	406337.499610602	3759212.50316834	428.00	1.50
** receptor	=B2443+1 (sensitive receptor: C2402)			
** DISCCART	406337.499610602	3759162.50334566	417.80	1.50
** receptor	=B2444+1 (sensitive receptor: C2403)			
** DISCCART	406337.499610602	3759112.50352298	405.00	1.50
** receptor	=B2445+1 (sensitive receptor: C2404)			
** DISCCART	406337.499610602	3759062.5037003	396.90	1.50
** receptor	=B2446+1 (sensitive receptor: C2405)			
** DISCCART	406337.499610602	3759012.50387762	388.60	1.50
** receptor	=B2447+1 (sensitive receptor: C2406)			
** DISCCART	406337.499610602	3758962.50405494	378.80	1.50
** receptor	=B2448+1 (sensitive receptor: C2407)			
** DISCCART	406337.499610602	3758912.50423226	370.60	1.50
** receptor	=B2449+1 (sensitive receptor: C2408)			
** DISCCART	406337.499610602	3758862.50440957	362.70	1.50
** receptor	=B2450+1 (sensitive receptor: C2409)			
** DISCCART	406337.499610602	3758812.50458689	357.50	1.50
** receptor	=B2451+1 (sensitive receptor: C2410)			
** DISCCART	406337.499610602	3758762.50476421	351.00	1.50
** receptor	=B2452+1 (sensitive receptor: C2411)			
** DISCCART	406337.499610602	3758712.50494153	347.70	1.50
** receptor	=B2453+1 (sensitive receptor: C2412)			
** DISCCART	406337.499610602	3758662.50511885	347.00	1.50
** receptor	=B2454+1 (sensitive receptor: C2413)			
** DISCCART	406387.502410414	3759362.50263638	465.50	1.50
** receptor	=B2455+1 (sensitive receptor: C2414)			

Appendix B

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** DISCCART	406387.502410414	3759312.5028137	454.90	1.50
** receptor	=B2456+1 (sensitive receptor: C2415)			
** DISCCART	406387.502410414	3759262.50299102	440.70	1.50
** receptor	=B2457+1 (sensitive receptor: C2416)			
** DISCCART	406387.502410414	3759212.50316834	431.20	1.50
** receptor	=B2458+1 (sensitive receptor: C2417)			
** DISCCART	406387.502410414	3759162.50334566	418.10	1.50
** receptor	=B2459+1 (sensitive receptor: C2418)			
** DISCCART	406387.502410414	3759112.50352298	408.30	1.50
** receptor	=B2460+1 (sensitive receptor: C2419)			
** DISCCART	406387.502410414	3759062.5037003	400.20	1.50
** receptor	=B2461+1 (sensitive receptor: C2420)			
** DISCCART	406387.502410414	3759012.50387762	390.30	1.50
** receptor	=B2462+1 (sensitive receptor: C2421)			
** DISCCART	406387.502410414	3758962.50405494	381.70	1.50
** receptor	=B2463+1 (sensitive receptor: C2422)			
** DISCCART	406387.502410414	3758912.50423226	372.20	1.50
** receptor	=B2464+1 (sensitive receptor: C2423)			
** DISCCART	406387.502410414	3758862.50440957	359.10	1.50
** receptor	=B2465+1 (sensitive receptor: C2424)			
** DISCCART	406387.502410414	3758812.50458689	354.20	1.50
** receptor	=B2466+1 (sensitive receptor: C2425)			
** DISCCART	406387.502410414	3758762.50476421	354.20	1.50
** receptor	=B2467+1 (sensitive receptor: C2426)			
** DISCCART	406387.502410414	3758712.50494153	354.20	1.50
** receptor	=B2468+1 (sensitive receptor: C2427)			
** DISCCART	406387.502410414	3758662.50511885	353.50	1.50
** receptor	=B2469+1 (sensitive receptor: C2428)			
** DISCCART	406437.496964381	3759312.5028137	450.90	1.50
** receptor	=B2470+1 (sensitive receptor: C2429)			
** DISCCART	406437.496964381	3759262.50299102	443.10	1.50
** receptor	=B2471+1 (sensitive receptor: C2430)			
** DISCCART	406437.496964381	3759212.50316834	432.80	1.50
** receptor	=B2472+1 (sensitive receptor: C2431)			
** DISCCART	406437.496964381	3759162.50334566	418.10	1.50
** receptor	=B2473+1 (sensitive receptor: C2432)			
** DISCCART	406437.496964381	3759112.50352298	408.30	1.50
** receptor	=B2474+1 (sensitive receptor: C2433)			
** DISCCART	406437.496964381	3759062.5037003	398.40	1.50
** receptor	=B2475+1 (sensitive receptor: C2434)			
** DISCCART	406437.496964381	3759012.50387762	391.90	1.50
** receptor	=B2476+1 (sensitive receptor: C2435)			
** DISCCART	406437.496964381	3758962.50405494	383.80	1.50
** receptor	=B2477+1 (sensitive receptor: C2436)			
** DISCCART	406437.496964381	3758912.50423226	374.80	1.50
** receptor	=B2478+1 (sensitive receptor: C2437)			
** DISCCART	406437.496964381	3758862.50440957	358.70	1.50
** receptor	=B2479+1 (sensitive receptor: C2438)			
** DISCCART	406437.496964381	3758812.50458689	357.50	1.50
** receptor	=B2480+1 (sensitive receptor: C2439)			
** DISCCART	406437.496964381	3758762.50476421	357.50	1.50
** receptor	=B2481+1 (sensitive receptor: C2440)			
** DISCCART	406437.496964381	3758712.50494153	358.90	1.50
** receptor	=B2482+1 (sensitive receptor: C2441)			
** DISCCART	406437.496964381	3758662.50511885	357.50	1.50
** receptor	=B2483+1 (sensitive receptor: C2442)			
** DISCCART	406487.499764192	3759312.5028137	453.90	1.50
** receptor	=B2484+1 (sensitive receptor: C2443)			
** DISCCART	406487.499764192	3759262.50299102	444.40	1.50
** receptor	=B2485+1 (sensitive receptor: C2444)			
** DISCCART	406487.499764192	3759212.50316834	431.20	1.50
** receptor	=B2486+1 (sensitive receptor: C2445)			
** DISCCART	406487.499764192	3759162.50334566	416.90	1.50
** receptor	=B2487+1 (sensitive receptor: C2446)			
** DISCCART	406487.499764192	3759112.50352298	408.30	1.50
** receptor	=B2488+1 (sensitive receptor: C2447)			
** DISCCART	406487.499764192	3759062.5037003	399.80	1.50
** receptor	=B2489+1 (sensitive receptor: C2448)			
** DISCCART	406487.499764192	3759012.50387762	393.20	1.50
** receptor	=B2490+1 (sensitive receptor: C2449)			
** DISCCART	406487.499764192	3758962.50405494	385.30	1.50
** receptor	=B2491+1 (sensitive receptor: C2450)			
** DISCCART	406487.499764192	3758912.50423226	378.80	1.50
** receptor	=B2492+1 (sensitive receptor: C2451)			
** DISCCART	406487.499764192	3758862.50440957	367.00	1.50
** receptor	=B2493+1 (sensitive receptor: C2452)			

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** DISCCART	406487.499764192	3758812.50458689	365.00	1.50
** receptor	=B2494+1 (sensitive receptor: C2453)			
** DISCCART	406487.499764192	3758762.50476421	367.40	1.50
** receptor	=B2495+1 (sensitive receptor: C2454)			
** DISCCART	406487.499764192	3758712.50494153	367.40	1.50
** receptor	=B2496+1 (sensitive receptor: C2455)			
** DISCCART	406487.499764192	3758662.50511885	364.10	1.50
** receptor	=B2497+1 (sensitive receptor: C2456)			
** DISCCART	406537.502564003	3759262.50299102	447.60	1.50
** receptor	=B2498+1 (sensitive receptor: C2457)			
** DISCCART	406537.502564003	3759212.50316834	434.50	1.50
** receptor	=B2499+1 (sensitive receptor: C2458)			
** DISCCART	406537.502564003	3759162.50334566	421.40	1.50
** receptor	=B2500+1 (sensitive receptor: C2459)			
** DISCCART	406537.502564003	3759112.50352298	412.90	1.50
** receptor	=B2501+1 (sensitive receptor: C2460)			
** DISCCART	406537.502564003	3759062.5037003	403.40	1.50
** receptor	=B2502+1 (sensitive receptor: C2461)			
** DISCCART	406537.502564003	3759012.50387762	396.50	1.50
** receptor	=B2503+1 (sensitive receptor: C2462)			
** DISCCART	406537.502564003	3758962.50405494	383.80	1.50
** receptor	=B2504+1 (sensitive receptor: C2463)			
** DISCCART	406537.502564003	3758912.50423226	377.20	1.50
** receptor	=B2505+1 (sensitive receptor: C2464)			
** DISCCART	406537.502564003	3758862.50440957	378.50	1.50
** receptor	=B2506+1 (sensitive receptor: C2465)			
** DISCCART	406537.502564003	3758812.50458689	380.10	1.50
** receptor	=B2507+1 (sensitive receptor: C2466)			
** DISCCART	406537.502564003	3758762.50476421	377.20	1.50
** receptor	=B2508+1 (sensitive receptor: C2467)			
** DISCCART	406537.502564003	3758712.50494153	373.90	1.50
** receptor	=B2509+1 (sensitive receptor: C2468)			
** DISCCART	406537.502564003	3758662.50511885	370.30	1.50
** receptor	=B2510+1 (sensitive receptor: C2469)			
** DISCCART	406587.49711797	3759212.50316834	442.40	1.50
** receptor	=B2511+1 (sensitive receptor: C2470)			
** DISCCART	406587.49711797	3759162.50334566	430.50	1.50
** receptor	=B2512+1 (sensitive receptor: C2471)			
** DISCCART	406587.49711797	3759112.50352298	417.80	1.50
** receptor	=B2513+1 (sensitive receptor: C2472)			
** DISCCART	406587.49711797	3759062.5037003	408.30	1.50
** receptor	=B2514+1 (sensitive receptor: C2473)			
** DISCCART	406587.49711797	3759012.50387762	398.40	1.50
** receptor	=B2515+1 (sensitive receptor: C2474)			
** DISCCART	406587.49711797	3758962.50405494	389.90	1.50
** receptor	=B2516+1 (sensitive receptor: C2475)			
** DISCCART	406587.49711797	3758912.50423226	389.60	1.50
** receptor	=B2517+1 (sensitive receptor: C2476)			
** DISCCART	406587.49711797	3758862.50440957	391.50	1.50
** receptor	=B2518+1 (sensitive receptor: C2477)			
** DISCCART	406587.49711797	3758812.50458689	387.00	1.50
** receptor	=B2519+1 (sensitive receptor: C2478)			
** DISCCART	406587.49711797	3758762.50476421	383.40	1.50
** receptor	=B2520+1 (sensitive receptor: C2479)			
** DISCCART	406587.49711797	3758712.50494153	380.10	1.50
** receptor	=B2521+1 (sensitive receptor: C2480)			
** DISCCART	406587.49711797	3758662.50511885	375.10	1.50
** receptor	=B2522+1 (sensitive receptor: C2481)			
** DISCCART	406587.49711797	3758612.50529617	367.40	1.50
** receptor	=B2523+1 (sensitive receptor: C2482)			
** DISCCART	406637.499917781	3759212.50316834	450.60	1.50
** receptor	=B2524+1 (sensitive receptor: C2483)			
** DISCCART	406637.499917781	3759162.50334566	437.80	1.50
** receptor	=B2525+1 (sensitive receptor: C2484)			
** DISCCART	406637.499917781	3759112.50352298	424.70	1.50
** receptor	=B2526+1 (sensitive receptor: C2485)			
** DISCCART	406637.499917781	3759062.5037003	414.80	1.50
** receptor	=B2527+1 (sensitive receptor: C2486)			
** DISCCART	406637.499917781	3759012.50387762	399.80	1.50
** receptor	=B2528+1 (sensitive receptor: C2487)			
** DISCCART	406637.499917781	3758962.50405494	403.10	1.50
** receptor	=B2529+1 (sensitive receptor: C2488)			
** DISCCART	406637.499917781	3758912.50423226	402.70	1.50
** receptor	=B2530+1 (sensitive receptor: C2489)			
** DISCCART	406637.499917781	3758862.50440957	399.80	1.50
** receptor	=B2531+1 (sensitive receptor: C2490)			

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** receptor	DISCCART	406637.499917781	3758812.50458689	393.60	1.50
	=B2532+1 (sensitive receptor: C2491)				
** receptor	DISCCART	406637.499917781	3758762.50476421	387.00	1.50
	=B2533+1 (sensitive receptor: C2492)				
** receptor	DISCCART	406637.499917781	3758712.50494153	383.40	1.50
	=B2534+1 (sensitive receptor: C2493)				
** receptor	DISCCART	406637.499917781	3758662.50511885	372.60	1.50
	=B2535+1 (sensitive receptor: C2494)				
** receptor	DISCCART	406687.502717592	3759162.50334566	438.20	1.50
	=B2536+1 (sensitive receptor: C2495)				
** receptor	DISCCART	406687.502717592	3759112.50352298	419.80	1.50
	=B2537+1 (sensitive receptor: C2496)				
** receptor	DISCCART	406687.502717592	3759062.5037003	422.40	1.50
	=B2538+1 (sensitive receptor: C2497)				
** receptor	DISCCART	406687.502717592	3759012.50387762	417.60	1.50
	=B2539+1 (sensitive receptor: C2498)				
** receptor	DISCCART	406687.502717592	3758962.50405494	415.80	1.50
	=B2540+1 (sensitive receptor: C2499)				
** receptor	DISCCART	406687.502717592	3758912.50423226	411.60	1.50
	=B2541+1 (sensitive receptor: C2500)				
** receptor	DISCCART	406687.502717592	3758862.50440957	403.40	1.50
	=B2542+1 (sensitive receptor: C2501)				
** receptor	DISCCART	406687.502717592	3758762.50476421	387.00	1.50
	=B2543+1 (sensitive receptor: C2502)				
** receptor	DISCCART	406737.497271559	3759112.50352298	438.80	1.50
	=B2544+1 (sensitive receptor: C2503)				
** receptor	DISCCART	406737.497271559	3759062.5037003	447.90	1.50
	=B2545+1 (sensitive receptor: C2504)				
** receptor	DISCCART	406737.497271559	3759012.50387762	433.80	1.50
	=B2546+1 (sensitive receptor: C2505)				
** receptor	DISCCART	406737.497271559	3758962.50405494	424.70	1.50
	=B2547+1 (sensitive receptor: C2506)				
** receptor	DISCCART	406737.497271559	3758912.50423226	411.60	1.50
	=B2548+1 (sensitive receptor: C2507)				
** receptor	DISCCART	406737.497271559	3758662.50511885	386.30	1.50
	=B2549+1 (sensitive receptor: C2508)				
** receptor	DISCCART	406737.497271559	3758612.50529617	380.50	1.50
	=B2550+1 (sensitive receptor: C2509)				
** receptor	DISCCART	406787.50007137	3759012.50387762	442.30	1.50
	=B2551+1 (sensitive receptor: C2510)				
** receptor	DISCCART	406787.50007137	3758962.50405494	424.70	1.50
	=B2552+1 (sensitive receptor: C2511)				
** receptor	DISCCART	406787.50007137	3758712.50494153	395.80	1.50
	=B2553+1 (sensitive receptor: C2512)				
** receptor	DISCCART	406787.50007137	3758662.50511885	391.50	1.50
	=B2554+1 (sensitive receptor: C2513)				
** receptor	DISCCART	406787.50007137	3758612.50529617	379.80	1.50
	=B2555+1 (sensitive receptor: C2514)				
** receptor	DISCCART	406837.502871182	3758712.50494153	403.40	1.50
	=B2556+1 (sensitive receptor: C2515)				
** receptor	DISCCART	406837.502871182	3758662.50511885	395.20	1.50
	=B2557+1 (sensitive receptor: C2516)				
** receptor	DISCCART	406837.502871182	3758612.50529617	382.40	1.50
	=B2558+1 (sensitive receptor: C2517)				
** receptor	DISCCART	406887.497425149	3758762.50476421	411.20	1.50
	=B2559+1 (sensitive receptor: C2518)				
** receptor	DISCCART	406887.497425149	3758712.50494153	401.70	1.50
	=B2560+1 (sensitive receptor: C2519)				
** receptor	DISCCART	406887.497425149	3758662.50511885	391.90	1.50
	=B2561+1 (sensitive receptor: C2520)				
** receptor	DISCCART	406887.497425149	3758612.50529617	369.50	1.50
	=B2562+1 (sensitive receptor: C2521)				
** receptor	DISCCART	406937.50022496	3758762.50476421	411.60	1.50
	=B2563+1 (sensitive receptor: C2522)				
** receptor	DISCCART	406937.50022496	3758712.50494153	398.40	1.50
	=B2564+1 (sensitive receptor: C2523)				
** receptor	DISCCART	406937.50022496	3758662.50511885	385.70	1.50
	=B2565+1 (sensitive receptor: C2524)				
** receptor	DISCCART	406937.50022496	3758612.50529617	378.50	1.50
	=B2566+1 (sensitive receptor: C2525)				
** receptor	DISCCART	406987.503024771	3758712.50494153	399.80	1.50
	=B2567+1 (sensitive receptor: C2526)				
** receptor	DISCCART	406987.503024771	3758662.50511885	382.00	1.50
	=B2568+1 (sensitive receptor: C2527)				
** receptor	DISCCART	406987.503024771	3758612.50529617	381.80	1.50
	=B2569+1 (sensitive receptor: C2528)				

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** DISCCART	407037.497578738	3758712.50494153	398.40	1.50
** receptor	=B2570+1 (sensitive receptor: C2529)			
** DISCCART	407037.497578738	3758662.50511885	377.50	1.50
** receptor	=B2571+1 (sensitive receptor: C2530)			
** DISCCART	407037.497578738	3758612.50529617	391.30	1.50
** receptor	=B2572+1 (sensitive receptor: C2531)			
** DISCCART	407087.500378549	3758662.50511885	382.80	1.50
** receptor	=B2573+1 (sensitive receptor: C2532)			
** DISCCART	407087.500378549	3758612.50529617	403.10	1.50
** receptor	=B2574+1 (sensitive receptor: C2533)			
** DISCCART	407137.50317836	3758662.50511885	404.40	1.50
** receptor	=B2575+1 (sensitive receptor: C2534)			
** DISCCART	407137.50317836	3758612.50529617	412.60	1.50
** receptor	=B2576+1 (sensitive receptor: C2535)			
** DISCCART	407187.497732327	3758662.50511885	426.00	1.50
** receptor	=B2577+1 (sensitive receptor: C2536)			
** DISCCART	407187.497732327	3758612.50529617	427.60	1.50
** receptor	=B2578+1 (sensitive receptor: C2537)			
** DISCCART	407237.500532139	3758662.50511885	442.10	1.50
** receptor	=B2579+1 (sensitive receptor: C2538)			
** DISCCART	407237.500532139	3758612.50529617	441.20	1.50
** receptor	=B2580+1 (sensitive receptor: C2539)			
** DISCCART	407287.50333195	3758662.50511885	458.50	1.50
** receptor	=B2581+1 (sensitive receptor: C2540)			
** DISCCART	407287.50333195	3758612.50529617	458.50	1.50
** receptor	=B2582+1 (sensitive receptor: C2541)			
** DISCCART	407337.497885917	3758662.50511885	474.90	1.50
** receptor	=B2583+1 (sensitive receptor: C2542)			
** DISCCART	407337.497885917	3758612.50529617	471.60	1.50
** receptor	=B2584+1 (sensitive receptor: C2543)			
** DISCCART	407387.500685728	3758662.50511885	491.30	1.50
** receptor	=B2585+1 (sensitive receptor: C2544)			
** DISCCART	407387.500685728	3758612.50529617	490.60	1.50
** receptor	=B2586+1 (sensitive receptor: C2545)			
** DISCCART	407437.495239695	3758662.50511885	504.40	1.50
** receptor	=B2587+1 (sensitive receptor: C2546)			
** DISCCART	407437.495239695	3758612.50529617	506.50	1.50
** receptor	=B2588+1 (sensitive receptor: C2547)			
** DISCCART	407487.498039506	3758662.50511885	500.10	1.50
** receptor	=B2589+1 (sensitive receptor: C2548)			
** DISCCART	407487.498039506	3758612.50529617	490.50	1.50
** receptor	=B2590+1 (sensitive receptor: C2549)			
** DISCCART	407537.500839317	3758662.50511885	0.00	1.50
** receptor	=B2591+1 (sensitive receptor: C2550)			
** DISCCART	407537.500839317	3758612.50529617	0.00	1.50
** receptor	=B2592+1 (sensitive receptor: C2551)			
** DISCCART	407587.495393284	3758662.50511885	0.00	1.50
** receptor	=B2593+1 (sensitive receptor: C2552)			
** DISCCART	407587.495393284	3758612.50529617	0.00	1.50
** receptor	=B2594+1 (sensitive receptor: C2553)			
** DISCCART	407637.498193095	3758612.50529617	0.00	1.50
** receptor	=B2595+1 (sensitive receptor: C2554)			
** DISCCART	407687.500992907	3758612.50529617	0.00	1.50
** receptor	=B2596+1 (sensitive receptor: C2555)			
** DISCCART	407737.495546874	3758612.50529617	0.00	1.50
** receptor	=B2597+1 (sensitive receptor: C2556)			
** DISCCART	407787.498346685	3758612.50529617	0.00	1.50
** receptor	=B2598+1 (sensitive receptor: C2557)			
** DISCCART	407837.501146496	3758612.50529617	0.00	1.50
** receptor	=B2599+1 (sensitive receptor: C2558)			
** DISCCART	407887.503946307	3758612.50529617	0.00	1.50
** receptor	=B2600+1 (sensitive receptor: C2559)			
** DISCCART	407937.498500274	3758612.50529617	0.00	1.50
** receptor	=B2601+1 (sensitive receptor: C2560)			
** DISCCART	407987.501300085	3758612.50529617	0.00	1.50
** receptor	=B2602+1 (sensitive receptor: C2561)			
** DISCCART	408037.495854052	3758612.50529617	0.00	1.50
** receptor	=B2603+1 (sensitive receptor: C2562)			
** DISCCART	408087.498653864	3758612.50529617	0.00	1.50
** receptor	=B2604+1 (sensitive receptor: C2563)			
** DISCCART	405987.496503612	3758612.50529617	311.60	1.50
** receptor	=B2605+1 (sensitive receptor: C2564)			
** DISCCART	406037.499303424	3758612.50529617	316.10	1.50
** receptor	=B2606+1 (sensitive receptor: C2565)			
** DISCCART	406087.502103235	3758612.50529617	319.70	1.50
** receptor	=B2607+1 (sensitive receptor: C2566)			

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** DISCCART	406137.496657202	3758612.50529617	322.70	1.50
** receptor	=B2608+1 (sensitive receptor: C2567)			
** DISCCART	406187.499457013	3758612.50529617	329.20	1.50
** receptor	=B2609+1 (sensitive receptor: C2568)			
** DISCCART	406237.502256824	3758612.50529617	334.60	1.50
** receptor	=B2610+1 (sensitive receptor: C2569)			
** DISCCART	406287.496810791	3758612.50529617	340.40	1.50
** receptor	=B2611+1 (sensitive receptor: C2570)			
** DISCCART	406337.499610602	3758612.50529617	344.40	1.50
** receptor	=B2612+1 (sensitive receptor: C2571)			
** DISCCART	406387.502410414	3758612.50529617	350.60	1.50
** receptor	=B2613+1 (sensitive receptor: C2572)			
** DISCCART	406437.496964381	3758612.50529617	356.80	1.50
** receptor	=B2614+1 (sensitive receptor: C2573)			
** DISCCART	406487.499764192	3758612.50529617	360.80	1.50
** receptor	=B2615+1 (sensitive receptor: C2574)			
** DISCCART	406512.501164097	3758562.50547349	358.00	1.50
** receptor	=B2616+1 (sensitive receptor: C2575)			
** DISCCART	406537.502564003	3758612.50529617	365.30	1.50
** receptor	=B2617+1 (sensitive receptor: C2576)			
** DISCCART	406562.495718064	3758562.50547349	360.80	1.50
** receptor	=B2618+1 (sensitive receptor: C2577)			
** DISCCART	406612.498517875	3758562.50547349	363.60	1.50
** receptor	=B2619+1 (sensitive receptor: C2578)			
** DISCCART	406662.501317687	3758562.50547349	360.80	1.50
** receptor	=B2620+1 (sensitive receptor: C2579)			
** DISCCART	406712.495871654	3758562.50547349	367.40	1.50
** receptor	=B2621+1 (sensitive receptor: C2580)			
** DISCCART	406762.498671465	3758562.50547349	367.30	1.50
** receptor	=B2622+1 (sensitive receptor: C2581)			
** DISCCART	406812.501471276	3758562.50547349	363.10	1.50
** receptor	=B2623+1 (sensitive receptor: C2582)			
** DISCCART	406862.496025243	3758562.50547349	360.20	1.50
** receptor	=B2624+1 (sensitive receptor: C2583)			
** DISCCART	406912.498825054	3758562.50547349	380.90	1.50
** receptor	=B2625+1 (sensitive receptor: C2584)			
** DISCCART	406962.501624865	3758562.50547349	387.50	1.50
** receptor	=B2626+1 (sensitive receptor: C2585)			
** DISCCART	407012.504424677	3758562.50547349	395.80	1.50
** receptor	=B2627+1 (sensitive receptor: C2586)			
** DISCCART	407062.498978644	3758562.50547349	402.20	1.50
** receptor	=B2628+1 (sensitive receptor: C2587)			
** DISCCART	407112.501778455	3758562.50547349	413.80	1.50
** receptor	=B2629+1 (sensitive receptor: C2588)			
** DISCCART	407162.496332422	3758562.50547349	417.00	1.50
** receptor	=B2630+1 (sensitive receptor: C2589)			
** DISCCART	407212.499132233	3758562.50547349	456.10	1.50
** receptor	=B2631+1 (sensitive receptor: C2590)			
** DISCCART	407262.501932044	3758562.50547349	458.60	1.50
** receptor	=B2632+1 (sensitive receptor: C2591)			
** DISCCART	407312.496486011	3758562.50547349	466.00	1.50
** receptor	=B2633+1 (sensitive receptor: C2592)			
** DISCCART	407362.499285822	3758562.50547349	479.80	1.50
** receptor	=B2634+1 (sensitive receptor: C2593)			
** DISCCART	407412.502085634	3758562.50547349	499.00	1.50
** receptor	=B2635+1 (sensitive receptor: C2594)			
** DISCCART	407462.4966396	3758562.50547349	515.80	1.50
** receptor	=B2636+1 (sensitive receptor: C2595)			
** DISCCART	407512.499439412	3758562.50547349	483.20	1.50
** receptor	=B2637+1 (sensitive receptor: C2596)			
** DISCCART	407562.502239223	3758562.50547349	0.00	1.50
** receptor	=B2638+1 (sensitive receptor: C2597)			
** DISCCART	407612.49679319	3758562.50547349	0.00	1.50
** receptor	=B2639+1 (sensitive receptor: C2598)			
** DISCCART	407662.499593001	3758562.50547349	0.00	1.50
** receptor	=B2640+1 (sensitive receptor: C2599)			
** DISCCART	407712.502392812	3758562.50547349	0.00	1.50
** receptor	=B2641+1 (sensitive receptor: C2600)			
** DISCCART	407762.496946779	3758562.50547349	0.00	1.50
** receptor	=B2642+1 (sensitive receptor: C2601)			
** DISCCART	407812.49974659	3758562.50547349	0.00	1.50
** receptor	=B2643+1 (sensitive receptor: C2602)			
** DISCCART	407862.502546402	3758562.50547349	0.00	1.50
** receptor	=B2644+1 (sensitive receptor: C2603)			
** DISCCART	407912.497100369	3758562.50547349	0.00	1.50
** receptor	=B2645+1 (sensitive receptor: C2604)			

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DISCCART	407962.49990018	3758562.50547349	0.00	1.50
** receptor	=B2646+1 (sensitive receptor: C2605)			
DISCCART	408012.502699991	3758562.50547349	0.00	1.50
** receptor	=B2647+1 (sensitive receptor: C2606)			
DISCCART	408062.497253958	3758562.50547349	0.00	1.50
** receptor	=B2648+1 (sensitive receptor: C2607)			
DISCCART	408112.500053769	3758562.50547349	0.00	1.50
** receptor	=B2649+1 (sensitive receptor: C2608)			
DISCCART	405987.496503612	3759987.50541887	748.50	1.50
** receptor	=B2650+1 (sensitive receptor: C2609)			
DISCCART	405987.496503612	3759937.50559619	717.10	1.50
** receptor	=B2651+1 (sensitive receptor: C2610)			
DISCCART	405987.496503612	3759887.50577351	696.60	1.50
** receptor	=B2652+1 (sensitive receptor: C2611)			
DISCCART	405987.496503612	3759837.50595083	649.30	1.50
** receptor	=B2653+1 (sensitive receptor: C2612)			
DISCCART	405987.496503612	3759787.50612815	627.20	1.50
** receptor	=B2654+1 (sensitive receptor: C2613)			
DISCCART	405987.496503612	3759737.50630547	624.90	1.50
** receptor	=B2655+1 (sensitive receptor: C2614)			
DISCCART	405987.496503612	3759687.50648279	554.20	1.50
** receptor	=B2656+1 (sensitive receptor: C2615)			
DISCCART	405987.496503612	3759637.50666011	537.10	1.50
** receptor	=B2657+1 (sensitive receptor: C2616)			
DISCCART	405987.496503612	3759587.50683743	524.10	1.50
** receptor	=B2658+1 (sensitive receptor: C2617)			
DISCCART	405987.496503612	3759537.50701475	530.70	1.50
** receptor	=B2659+1 (sensitive receptor: C2618)			
DISCCART	405987.496503612	3759487.50719207	531.40	1.50
** receptor	=B2660+1 (sensitive receptor: C2619)			
DISCCART	405987.496503612	3759437.50736939	520.60	1.50
** receptor	=B2661+1 (sensitive receptor: C2620)			
DISCCART	405987.496503612	3759387.49754874	488.50	1.50
** receptor	=B2662+1 (sensitive receptor: C2621)			
DISCCART	405987.496503612	3759337.49772606	458.30	1.50
** receptor	=B2663+1 (sensitive receptor: C2622)			
DISCCART	405987.496503612	3759287.49790338	426.30	1.50
** receptor	=B2664+1 (sensitive receptor: C2623)			
DISCCART	405987.496503612	3759237.4980807	402.50	1.50
** receptor	=B2665+1 (sensitive receptor: C2624)			
DISCCART	405987.496503612	3759187.49825802	377.30	1.50
** receptor	=B2666+1 (sensitive receptor: C2625)			
DISCCART	405987.496503612	3759137.49843534	376.40	1.50
** receptor	=B2667+1 (sensitive receptor: C2626)			
DISCCART	405987.496503612	3759087.49861266	367.30	1.50
** receptor	=B2668+1 (sensitive receptor: C2627)			
DISCCART	405987.496503612	3759037.49878997	357.50	1.50
** receptor	=B2669+1 (sensitive receptor: C2628)			
DISCCART	405987.496503612	3758987.49896729	357.50	1.50
** receptor	=B2670+1 (sensitive receptor: C2629)			
DISCCART	405987.496503612	3758937.49914461	353.50	1.50
** receptor	=B2671+1 (sensitive receptor: C2630)			
DISCCART	405987.496503612	3758887.49932193	344.40	1.50
** receptor	=B2672+1 (sensitive receptor: C2631)			
DISCCART	405987.496503612	3758837.49949925	337.80	1.50
** receptor	=B2673+1 (sensitive receptor: C2632)			
DISCCART	405987.496503612	3758787.49967657	331.30	1.50
** receptor	=B2674+1 (sensitive receptor: C2633)			
DISCCART	405987.496503612	3758737.49985389	324.70	1.50
** receptor	=B2675+1 (sensitive receptor: C2634)			
DISCCART	405987.496503612	3758687.50003121	320.70	1.50
** receptor	=B2676+1 (sensitive receptor: C2635)			
DISCCART	406037.499303424	3759987.50541887	707.80	1.50
** receptor	=B2677+1 (sensitive receptor: C2636)			
DISCCART	406037.499303424	3759837.50595083	631.60	1.50
** receptor	=B2678+1 (sensitive receptor: C2637)			
DISCCART	406037.499303424	3759787.50612815	603.60	1.50
** receptor	=B2679+1 (sensitive receptor: C2638)			
DISCCART	406037.499303424	3759737.50630547	590.00	1.50
** receptor	=B2680+1 (sensitive receptor: C2639)			
DISCCART	406037.499303424	3759687.50648279	560.00	1.50
** receptor	=B2681+1 (sensitive receptor: C2640)			
DISCCART	406037.499303424	3759637.50666011	538.60	1.50
** receptor	=B2682+1 (sensitive receptor: C2641)			
DISCCART	406037.499303424	3759587.50683743	525.50	1.50
** receptor	=B2683+1 (sensitive receptor: C2642)			

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** receptor	DISCCART	406037.499303424	3759537.50701475	517.00	1.50
	=B2684+1 (sensitive receptor: C2643)				
** receptor	DISCCART	406037.499303424	3759487.50719207	480.40	1.50
	=B2685+1 (sensitive receptor: C2644)				
** receptor	DISCCART	406037.499303424	3759437.50736939	463.20	1.50
	=B2686+1 (sensitive receptor: C2645)				
** receptor	DISCCART	406037.499303424	3759387.49754874	457.20	1.50
	=B2687+1 (sensitive receptor: C2646)				
** receptor	DISCCART	406037.499303424	3759337.49772606	437.00	1.50
	=B2688+1 (sensitive receptor: C2647)				
** receptor	DISCCART	406037.499303424	3759287.49790338	417.80	1.50
	=B2689+1 (sensitive receptor: C2648)				
** receptor	DISCCART	406037.499303424	3759237.4980807	396.80	1.50
	=B2690+1 (sensitive receptor: C2649)				
** receptor	DISCCART	406037.499303424	3759187.49825802	387.00	1.50
	=B2691+1 (sensitive receptor: C2650)				
** receptor	DISCCART	406037.499303424	3759137.49843534	380.50	1.50
	=B2692+1 (sensitive receptor: C2651)				
** receptor	DISCCART	406037.499303424	3759087.49861266	373.90	1.50
	=B2693+1 (sensitive receptor: C2652)				
** receptor	DISCCART	406037.499303424	3759037.49878997	366.60	1.50
	=B2694+1 (sensitive receptor: C2653)				
** receptor	DISCCART	406037.499303424	3758987.49896729	364.10	1.50
	=B2695+1 (sensitive receptor: C2654)				
** receptor	DISCCART	406037.499303424	3758937.49914461	357.50	1.50
	=B2696+1 (sensitive receptor: C2655)				
** receptor	DISCCART	406037.499303424	3758887.49932193	350.20	1.50
	=B2697+1 (sensitive receptor: C2656)				
** receptor	DISCCART	406037.499303424	3758837.49949925	341.10	1.50
	=B2698+1 (sensitive receptor: C2657)				
** receptor	DISCCART	406037.499303424	3758787.49967657	337.10	1.50
	=B2699+1 (sensitive receptor: C2658)				
** receptor	DISCCART	406037.499303424	3758737.49985389	330.50	1.50
	=B2700+1 (sensitive receptor: C2659)				
** receptor	DISCCART	406037.499303424	3758687.50003121	321.40	1.50
	=B2701+1 (sensitive receptor: C2660)				
** receptor	DISCCART	406087.502103235	3759987.50541887	645.50	1.50
	=B2702+1 (sensitive receptor: C2661)				
** receptor	DISCCART	406087.502103235	3759837.50595083	514.80	1.50
	=B2703+1 (sensitive receptor: C2662)				
** receptor	DISCCART	406087.502103235	3759787.50612815	500.20	1.50
	=B2704+1 (sensitive receptor: C2663)				
** receptor	DISCCART	406087.502103235	3759737.50630547	496.30	1.50
	=B2705+1 (sensitive receptor: C2664)				
** receptor	DISCCART	406087.502103235	3759687.50648279	490.40	1.50
	=B2706+1 (sensitive receptor: C2665)				
** receptor	DISCCART	406087.502103235	3759637.50666011	490.40	1.50
	=B2707+1 (sensitive receptor: C2666)				
** receptor	DISCCART	406087.502103235	3759587.50683743	480.90	1.50
	=B2708+1 (sensitive receptor: C2667)				
** receptor	DISCCART	406087.502103235	3759537.50701475	465.80	1.50
	=B2709+1 (sensitive receptor: C2668)				
** receptor	DISCCART	406087.502103235	3759487.50719207	463.20	1.50
	=B2710+1 (sensitive receptor: C2669)				
** receptor	DISCCART	406087.502103235	3759437.50736939	435.10	1.50
	=B2711+1 (sensitive receptor: C2670)				
** receptor	DISCCART	406087.502103235	3759387.49754874	421.30	1.50
	=B2712+1 (sensitive receptor: C2671)				
** receptor	DISCCART	406087.502103235	3759337.49772606	416.60	1.50
	=B2713+1 (sensitive receptor: C2672)				
** receptor	DISCCART	406087.502103235	3759287.49790338	420.50	1.50
	=B2714+1 (sensitive receptor: C2673)				
** receptor	DISCCART	406087.502103235	3759237.4980807	396.90	1.50
	=B2715+1 (sensitive receptor: C2674)				
** receptor	DISCCART	406087.502103235	3759187.49825802	393.60	1.50
	=B2716+1 (sensitive receptor: C2675)				
** receptor	DISCCART	406087.502103235	3759137.49843534	387.00	1.50
	=B2717+1 (sensitive receptor: C2676)				
** receptor	DISCCART	406087.502103235	3759087.49861266	380.50	1.50
	=B2718+1 (sensitive receptor: C2677)				
** receptor	DISCCART	406087.502103235	3759037.49878997	373.90	1.50
	=B2719+1 (sensitive receptor: C2678)				
** receptor	DISCCART	406087.502103235	3758987.49896729	369.90	1.50
	=B2720+1 (sensitive receptor: C2679)				
** receptor	DISCCART	406087.502103235	3758937.49914461	360.80	1.50
	=B2721+1 (sensitive receptor: C2680)				

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** DISCCART	406087.502103235	3758887.49932193	356.70	1.50
** receptor	=B2722+1 (sensitive receptor: C2681)			
** DISCCART	406087.502103235	3758837.49949925	347.70	1.50
** receptor	=B2723+1 (sensitive receptor: C2682)			
** DISCCART	406087.502103235	3758787.49967657	341.10	1.50
** receptor	=B2724+1 (sensitive receptor: C2683)			
** DISCCART	406087.502103235	3758737.49985389	334.60	1.50
** receptor	=B2725+1 (sensitive receptor: C2684)			
** DISCCART	406087.502103235	3758687.50003121	328.00	1.50
** receptor	=B2726+1 (sensitive receptor: C2685)			
** DISCCART	406137.496657202	3759987.50541887	550.90	1.50
** receptor	=B2727+1 (sensitive receptor: C2686)			
** DISCCART	406137.496657202	3759837.50595083	488.60	1.50
** receptor	=B2728+1 (sensitive receptor: C2687)			
** DISCCART	406137.496657202	3759787.50612815	485.40	1.50
** receptor	=B2729+1 (sensitive receptor: C2688)			
** DISCCART	406137.496657202	3759737.50630547	484.00	1.50
** receptor	=B2730+1 (sensitive receptor: C2689)			
** DISCCART	406137.496657202	3759687.50648279	484.00	1.50
** receptor	=B2731+1 (sensitive receptor: C2690)			
** DISCCART	406137.496657202	3759637.50666011	471.50	1.50
** receptor	=B2732+1 (sensitive receptor: C2691)			
** DISCCART	406137.496657202	3759587.50683743	465.70	1.50
** receptor	=B2733+1 (sensitive receptor: C2692)			
** DISCCART	406137.496657202	3759537.50701475	457.10	1.50
** receptor	=B2734+1 (sensitive receptor: C2693)			
** DISCCART	406137.496657202	3759487.50719207	427.80	1.50
** receptor	=B2735+1 (sensitive receptor: C2694)			
** DISCCART	406137.496657202	3759437.50736939	429.00	1.50
** receptor	=B2736+1 (sensitive receptor: C2695)			
** DISCCART	406137.496657202	3759387.49754874	438.10	1.50
** receptor	=B2737+1 (sensitive receptor: C2696)			
** DISCCART	406137.496657202	3759337.49772606	434.90	1.50
** receptor	=B2738+1 (sensitive receptor: C2697)			
** DISCCART	406137.496657202	3759287.49790338	428.80	1.50
** receptor	=B2739+1 (sensitive receptor: C2698)			
** DISCCART	406137.496657202	3759237.4980807	409.90	1.50
** receptor	=B2740+1 (sensitive receptor: C2699)			
** DISCCART	406137.496657202	3759187.49825802	402.70	1.50
** receptor	=B2741+1 (sensitive receptor: C2700)			
** DISCCART	406137.496657202	3759137.49843534	393.60	1.50
** receptor	=B2742+1 (sensitive receptor: C2701)			
** DISCCART	406137.496657202	3759087.49861266	387.00	1.50
** receptor	=B2743+1 (sensitive receptor: C2702)			
** DISCCART	406137.496657202	3759037.49878997	380.50	1.50
** receptor	=B2744+1 (sensitive receptor: C2703)			
** DISCCART	406137.496657202	3758987.49896729	377.20	1.50
** receptor	=B2745+1 (sensitive receptor: C2704)			
** DISCCART	406137.496657202	3758937.49914461	369.90	1.50
** receptor	=B2746+1 (sensitive receptor: C2705)			
** DISCCART	406137.496657202	3758887.49932193	360.80	1.50
** receptor	=B2747+1 (sensitive receptor: C2706)			
** DISCCART	406137.496657202	3758837.49949925	354.20	1.50
** receptor	=B2748+1 (sensitive receptor: C2707)			
** DISCCART	406137.496657202	3758787.49967657	344.40	1.50
** receptor	=B2749+1 (sensitive receptor: C2708)			
** DISCCART	406137.496657202	3758737.49985389	337.80	1.50
** receptor	=B2750+1 (sensitive receptor: C2709)			
** DISCCART	406137.496657202	3758687.50003121	331.30	1.50
** receptor	=B2751+1 (sensitive receptor: C2710)			
** DISCCART	406187.499457013	3759437.50736939	487.20	1.50
** receptor	=B2752+1 (sensitive receptor: C2711)			
** DISCCART	406187.499457013	3759387.49754874	470.10	1.50
** receptor	=B2753+1 (sensitive receptor: C2712)			
** DISCCART	406187.499457013	3759337.49772606	462.50	1.50
** receptor	=B2754+1 (sensitive receptor: C2713)			
** DISCCART	406187.499457013	3759287.49790338	439.40	1.50
** receptor	=B2755+1 (sensitive receptor: C2714)			
** DISCCART	406187.499457013	3759237.4980807	416.60	1.50
** receptor	=B2756+1 (sensitive receptor: C2715)			
** DISCCART	406187.499457013	3759187.49825802	406.70	1.50
** receptor	=B2757+1 (sensitive receptor: C2716)			
** DISCCART	406187.499457013	3759137.49843534	400.10	1.50
** receptor	=B2758+1 (sensitive receptor: C2717)			
** DISCCART	406187.499457013	3759087.49861266	393.60	1.50
** receptor	=B2759+1 (sensitive receptor: C2718)			

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** DISCCART	406187.499457013	3759037.49878997	387.00	1.50
** receptor	=B2760+1 (sensitive receptor: C2719)			
** DISCCART	406187.499457013	3758987.49896729	383.00	1.50
** receptor	=B2761+1 (sensitive receptor: C2720)			
** DISCCART	406187.499457013	3758937.49914461	373.90	1.50
** receptor	=B2762+1 (sensitive receptor: C2721)			
** DISCCART	406187.499457013	3758887.49932193	366.60	1.50
** receptor	=B2763+1 (sensitive receptor: C2722)			
** DISCCART	406187.499457013	3758837.49949925	357.50	1.50
** receptor	=B2764+1 (sensitive receptor: C2723)			
** DISCCART	406187.499457013	3758787.49967657	347.70	1.50
** receptor	=B2765+1 (sensitive receptor: C2724)			
** DISCCART	406187.499457013	3758737.49985389	341.00	1.50
** receptor	=B2766+1 (sensitive receptor: C2725)			
** DISCCART	406187.499457013	3758687.50003121	334.60	1.50
** receptor	=B2767+1 (sensitive receptor: C2726)			
** DISCCART	406237.502256824	3759437.50736939	501.80	1.50
** receptor	=B2768+1 (sensitive receptor: C2727)			
** DISCCART	406237.502256824	3759387.49754874	482.80	1.50
** receptor	=B2769+1 (sensitive receptor: C2728)			
** DISCCART	406237.502256824	3759337.49772606	462.30	1.50
** receptor	=B2770+1 (sensitive receptor: C2729)			
** DISCCART	406237.502256824	3759287.49790338	446.00	1.50
** receptor	=B2771+1 (sensitive receptor: C2730)			
** DISCCART	406237.502256824	3759237.4980807	426.30	1.50
** receptor	=B2772+1 (sensitive receptor: C2731)			
** DISCCART	406237.502256824	3759187.49825802	413.30	1.50
** receptor	=B2773+1 (sensitive receptor: C2732)			
** DISCCART	406237.502256824	3759137.49843534	403.40	1.50
** receptor	=B2774+1 (sensitive receptor: C2733)			
** DISCCART	406237.502256824	3759087.49861266	399.40	1.50
** receptor	=B2775+1 (sensitive receptor: C2734)			
** DISCCART	406237.502256824	3759037.49878997	390.30	1.50
** receptor	=B2776+1 (sensitive receptor: C2735)			
** DISCCART	406237.502256824	3758987.49896729	383.80	1.50
** receptor	=B2777+1 (sensitive receptor: C2736)			
** DISCCART	406237.502256824	3758937.49914461	377.10	1.50
** receptor	=B2778+1 (sensitive receptor: C2737)			
** DISCCART	406237.502256824	3758887.49932193	367.40	1.50
** receptor	=B2779+1 (sensitive receptor: C2738)			
** DISCCART	406237.502256824	3758837.49949925	360.70	1.50
** receptor	=B2780+1 (sensitive receptor: C2739)			
** DISCCART	406237.502256824	3758787.49967657	350.90	1.50
** receptor	=B2781+1 (sensitive receptor: C2740)			
** DISCCART	406237.502256824	3758737.49985389	344.30	1.50
** receptor	=B2782+1 (sensitive receptor: C2741)			
** DISCCART	406237.502256824	3758687.50003121	337.80	1.50
** receptor	=B2783+1 (sensitive receptor: C2742)			
** DISCCART	406287.496810791	3759437.50736939	508.40	1.50
** receptor	=B2784+1 (sensitive receptor: C2743)			
** DISCCART	406287.496810791	3759387.49754874	501.00	1.50
** receptor	=B2785+1 (sensitive receptor: C2744)			
** DISCCART	406287.496810791	3759337.49772606	465.00	1.50
** receptor	=B2786+1 (sensitive receptor: C2745)			
** DISCCART	406287.496810791	3759287.49790338	449.30	1.50
** receptor	=B2787+1 (sensitive receptor: C2746)			
** DISCCART	406287.496810791	3759237.4980807	432.90	1.50
** receptor	=B2788+1 (sensitive receptor: C2747)			
** DISCCART	406287.496810791	3759187.49825802	416.60	1.50
** receptor	=B2789+1 (sensitive receptor: C2748)			
** DISCCART	406287.496810791	3759137.49843534	409.20	1.50
** receptor	=B2790+1 (sensitive receptor: C2749)			
** DISCCART	406287.496810791	3759087.49861266	400.20	1.50
** receptor	=B2791+1 (sensitive receptor: C2750)			
** DISCCART	406287.496810791	3759037.49878997	393.50	1.50
** receptor	=B2792+1 (sensitive receptor: C2751)			
** DISCCART	406287.496810791	3758987.49896729	383.70	1.50
** receptor	=B2793+1 (sensitive receptor: C2752)			
** DISCCART	406287.496810791	3758937.49914461	377.10	1.50
** receptor	=B2794+1 (sensitive receptor: C2753)			
** DISCCART	406287.496810791	3758887.49932193	367.40	1.50
** receptor	=B2795+1 (sensitive receptor: C2754)			
** DISCCART	406287.496810791	3758837.49949925	357.50	1.50
** receptor	=B2796+1 (sensitive receptor: C2755)			
** DISCCART	406287.496810791	3758787.49967657	354.20	1.50
** receptor	=B2797+1 (sensitive receptor: C2756)			

Appendix B

NOx Peak Hour Emissions Mitigated

** DISCCART	406287.496810791	3758737.49985389	346.90	1.50
** receptor	=B2798+1 (sensitive receptor: C2757)			
** DISCCART	406287.496810791	3758687.50003121	343.60	1.50
** receptor	=B2799+1 (sensitive receptor: C2758)			
** DISCCART	406337.499610602	3759437.50736939	508.30	1.50
** receptor	=B2800+1 (sensitive receptor: C2759)			
** DISCCART	406337.499610602	3759387.49754874	499.30	1.50
** receptor	=B2801+1 (sensitive receptor: C2760)			
** DISCCART	406337.499610602	3759337.49772606	475.40	1.50
** receptor	=B2802+1 (sensitive receptor: C2761)			
** DISCCART	406337.499610602	3759287.49790338	452.60	1.50
** receptor	=B2803+1 (sensitive receptor: C2762)			
** DISCCART	406337.499610602	3759237.4980807	436.20	1.50
** receptor	=B2804+1 (sensitive receptor: C2763)			
** DISCCART	406337.499610602	3759187.49825802	423.00	1.50
** receptor	=B2805+1 (sensitive receptor: C2764)			
** DISCCART	406337.499610602	3759137.49843534	412.50	1.50
** receptor	=B2806+1 (sensitive receptor: C2765)			
** DISCCART	406337.499610602	3759087.49861266	400.20	1.50
** receptor	=B2807+1 (sensitive receptor: C2766)			
** DISCCART	406337.499610602	3759037.49878997	393.60	1.50
** receptor	=B2808+1 (sensitive receptor: C2767)			
** DISCCART	406337.499610602	3758987.49896729	383.70	1.50
** receptor	=B2809+1 (sensitive receptor: C2768)			
** DISCCART	406337.499610602	3758937.49914461	373.90	1.50
** receptor	=B2810+1 (sensitive receptor: C2769)			
** DISCCART	406337.499610602	3758887.49932193	367.30	1.50
** receptor	=B2811+1 (sensitive receptor: C2770)			
** DISCCART	406337.499610602	3758837.49949925	358.20	1.50
** receptor	=B2812+1 (sensitive receptor: C2771)			
** DISCCART	406337.499610602	3758787.49967657	354.20	1.50
** receptor	=B2813+1 (sensitive receptor: C2772)			
** DISCCART	406337.499610602	3758737.49985389	350.20	1.50
** receptor	=B2814+1 (sensitive receptor: C2773)			
** DISCCART	406337.499610602	3758687.50003121	347.00	1.50
** receptor	=B2815+1 (sensitive receptor: C2774)			
** DISCCART	406387.502410414	3759337.49772606	459.10	1.50
** receptor	=B2816+1 (sensitive receptor: C2775)			
** DISCCART	406387.502410414	3759287.49790338	449.20	1.50
** receptor	=B2817+1 (sensitive receptor: C2776)			
** DISCCART	406387.502410414	3759237.4980807	436.20	1.50
** receptor	=B2818+1 (sensitive receptor: C2777)			
** DISCCART	406387.502410414	3759187.49825802	425.60	1.50
** receptor	=B2819+1 (sensitive receptor: C2778)			
** DISCCART	406387.502410414	3759137.49843534	413.20	1.50
** receptor	=B2820+1 (sensitive receptor: C2779)			
** DISCCART	406387.502410414	3759087.49861266	403.40	1.50
** receptor	=B2821+1 (sensitive receptor: C2780)			
** DISCCART	406387.502410414	3759037.49878997	393.60	1.50
** receptor	=B2822+1 (sensitive receptor: C2781)			
** DISCCART	406387.502410414	3758987.49896729	386.30	1.50
** receptor	=B2823+1 (sensitive receptor: C2782)			
** DISCCART	406387.502410414	3758937.49914461	377.10	1.50
** receptor	=B2824+1 (sensitive receptor: C2783)			
** DISCCART	406387.502410414	3758887.49932193	364.00	1.50
** receptor	=B2825+1 (sensitive receptor: C2784)			
** DISCCART	406387.502410414	3758837.49949925	357.50	1.50
** receptor	=B2826+1 (sensitive receptor: C2785)			
** DISCCART	406387.502410414	3758787.49967657	354.20	1.50
** receptor	=B2827+1 (sensitive receptor: C2786)			
** DISCCART	406387.502410414	3758737.49985389	354.20	1.50
** receptor	=B2828+1 (sensitive receptor: C2787)			
** DISCCART	406387.502410414	3758687.50003121	354.20	1.50
** receptor	=B2829+1 (sensitive receptor: C2788)			
** DISCCART	406437.496964381	3759337.49772606	455.80	1.50
** receptor	=B2830+1 (sensitive receptor: C2789)			
** DISCCART	406437.496964381	3759287.49790338	446.10	1.50
** receptor	=B2831+1 (sensitive receptor: C2790)			
** DISCCART	406437.496964381	3759237.4980807	439.50	1.50
** receptor	=B2832+1 (sensitive receptor: C2791)			
** DISCCART	406437.496964381	3759187.49825802	426.30	1.50
** receptor	=B2833+1 (sensitive receptor: C2792)			
** DISCCART	406437.496964381	3759137.49843534	413.20	1.50
** receptor	=B2834+1 (sensitive receptor: C2793)			
** DISCCART	406437.496964381	3759087.49861266	403.40	1.50
** receptor	=B2835+1 (sensitive receptor: C2794)			

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** DISCCART	406437.496964381	3759037.49878997	393.60	1.50
** receptor	=B2836+1 (sensitive receptor: C2795)			
** DISCCART	406437.496964381	3758987.49896729	387.00	1.50
** receptor	=B2837+1 (sensitive receptor: C2796)			
** DISCCART	406437.496964381	3758937.49914461	380.40	1.50
** receptor	=B2838+1 (sensitive receptor: C2797)			
** DISCCART	406437.496964381	3758887.49932193	366.50	1.50
** receptor	=B2839+1 (sensitive receptor: C2798)			
** DISCCART	406437.496964381	3758837.49949925	357.50	1.50
** receptor	=B2840+1 (sensitive receptor: C2799)			
** DISCCART	406437.496964381	3758787.49967657	357.50	1.50
** receptor	=B2841+1 (sensitive receptor: C2800)			
** DISCCART	406437.496964381	3758737.49985389	357.50	1.50
** receptor	=B2842+1 (sensitive receptor: C2801)			
** DISCCART	406437.496964381	3758687.50003121	360.80	1.50
** receptor	=B2843+1 (sensitive receptor: C2802)			
** DISCCART	406487.499764192	3759287.49790338	449.30	1.50
** receptor	=B2844+1 (sensitive receptor: C2803)			
** DISCCART	406487.499764192	3759237.4980807	439.40	1.50
** receptor	=B2845+1 (sensitive receptor: C2804)			
** DISCCART	406487.499764192	3759187.49825802	423.10	1.50
** receptor	=B2846+1 (sensitive receptor: C2805)			
** DISCCART	406487.499764192	3759137.49843534	413.30	1.50
** receptor	=B2847+1 (sensitive receptor: C2806)			
** DISCCART	406487.499764192	3759087.49861266	403.40	1.50
** receptor	=B2848+1 (sensitive receptor: C2807)			
** DISCCART	406487.499764192	3759037.49878997	396.10	1.50
** receptor	=B2849+1 (sensitive receptor: C2808)			
** DISCCART	406487.499764192	3758987.49896729	390.20	1.50
** receptor	=B2850+1 (sensitive receptor: C2809)			
** DISCCART	406487.499764192	3758937.49914461	383.00	1.50
** receptor	=B2851+1 (sensitive receptor: C2810)			
** DISCCART	406487.499764192	3758887.49932193	370.60	1.50
** receptor	=B2852+1 (sensitive receptor: C2811)			
** DISCCART	406487.499764192	3758837.49949925	366.60	1.50
** receptor	=B2853+1 (sensitive receptor: C2812)			
** DISCCART	406487.499764192	3758787.49967657	366.70	1.50
** receptor	=B2854+1 (sensitive receptor: C2813)			
** DISCCART	406487.499764192	3758737.49985389	367.40	1.50
** receptor	=B2855+1 (sensitive receptor: C2814)			
** DISCCART	406487.499764192	3758687.50003121	366.60	1.50
** receptor	=B2856+1 (sensitive receptor: C2815)			
** DISCCART	406537.502564003	3759237.4980807	439.50	1.50
** receptor	=B2857+1 (sensitive receptor: C2816)			
** DISCCART	406537.502564003	3759187.49825802	426.40	1.50
** receptor	=B2858+1 (sensitive receptor: C2817)			
** DISCCART	406537.502564003	3759137.49843534	416.50	1.50
** receptor	=B2859+1 (sensitive receptor: C2818)			
** DISCCART	406537.502564003	3759087.49861266	409.20	1.50
** receptor	=B2860+1 (sensitive receptor: C2819)			
** DISCCART	406537.502564003	3759037.49878997	400.10	1.50
** receptor	=B2861+1 (sensitive receptor: C2820)			
** DISCCART	406537.502564003	3758987.49896729	390.20	1.50
** receptor	=B2862+1 (sensitive receptor: C2821)			
** DISCCART	406537.502564003	3758937.49914461	380.40	1.50
** receptor	=B2863+1 (sensitive receptor: C2822)			
** DISCCART	406537.502564003	3758887.49932193	377.20	1.50
** receptor	=B2864+1 (sensitive receptor: C2823)			
** DISCCART	406537.502564003	3758837.49949925	380.50	1.50
** receptor	=B2865+1 (sensitive receptor: C2824)			
** DISCCART	406537.502564003	3758787.49967657	379.80	1.50
** receptor	=B2866+1 (sensitive receptor: C2825)			
** DISCCART	406537.502564003	3758737.49985389	376.40	1.50
** receptor	=B2867+1 (sensitive receptor: C2826)			
** DISCCART	406537.502564003	3758687.50003121	373.10	1.50
** receptor	=B2868+1 (sensitive receptor: C2827)			
** DISCCART	406587.49711797	3759237.4980807	448.60	1.50
** receptor	=B2869+1 (sensitive receptor: C2828)			
** DISCCART	406587.49711797	3759187.49825802	436.20	1.50
** receptor	=B2870+1 (sensitive receptor: C2829)			
** DISCCART	406587.49711797	3759137.49843534	423.10	1.50
** receptor	=B2871+1 (sensitive receptor: C2830)			
** DISCCART	406587.49711797	3759087.49861266	413.30	1.50
** receptor	=B2872+1 (sensitive receptor: C2831)			
** DISCCART	406587.49711797	3759037.49878997	403.40	1.50
** receptor	=B2873+1 (sensitive receptor: C2832)			

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** DISCCART	406587.49711797	3758987.49896729	393.60	1.50
** receptor	=B2874+1 (sensitive receptor: C2833)			
** DISCCART	406587.49711797	3758937.49914461	389.60	1.50
** receptor	=B2875+1 (sensitive receptor: C2834)			
** DISCCART	406587.49711797	3758887.49932193	389.70	1.50
** receptor	=B2876+1 (sensitive receptor: C2835)			
** DISCCART	406587.49711797	3758837.49949925	389.60	1.50
** receptor	=B2877+1 (sensitive receptor: C2836)			
** DISCCART	406587.49711797	3758787.49967657	386.30	1.50
** receptor	=B2878+1 (sensitive receptor: C2837)			
** DISCCART	406587.49711797	3758737.49985389	380.50	1.50
** receptor	=B2879+1 (sensitive receptor: C2838)			
** DISCCART	406587.49711797	3758687.50003121	377.20	1.50
** receptor	=B2880+1 (sensitive receptor: C2839)			
** DISCCART	406587.49711797	3758637.50020853	370.60	1.50
** receptor	=B2881+1 (sensitive receptor: C2840)			
** DISCCART	406637.499917781	3759187.49825802	442.80	1.50
** receptor	=B2882+1 (sensitive receptor: C2841)			
** DISCCART	406637.499917781	3759137.49843534	429.60	1.50
** receptor	=B2883+1 (sensitive receptor: C2842)			
** DISCCART	406637.499917781	3759087.49861266	419.80	1.50
** receptor	=B2884+1 (sensitive receptor: C2843)			
** DISCCART	406637.499917781	3759037.49878997	403.40	1.50
** receptor	=B2885+1 (sensitive receptor: C2844)			
** DISCCART	406637.499917781	3758987.49896729	400.20	1.50
** receptor	=B2886+1 (sensitive receptor: C2845)			
** DISCCART	406637.499917781	3758937.49914461	402.70	1.50
** receptor	=B2887+1 (sensitive receptor: C2846)			
** DISCCART	406637.499917781	3758887.49932193	402.70	1.50
** receptor	=B2888+1 (sensitive receptor: C2847)			
** DISCCART	406637.499917781	3758837.49949925	396.90	1.50
** receptor	=B2889+1 (sensitive receptor: C2848)			
** DISCCART	406637.499917781	3758787.49967657	390.30	1.50
** receptor	=B2890+1 (sensitive receptor: C2849)			
** DISCCART	406637.499917781	3758737.49985389	383.80	1.50
** receptor	=B2891+1 (sensitive receptor: C2850)			
** DISCCART	406637.499917781	3758687.50003121	380.40	1.50
** receptor	=B2892+1 (sensitive receptor: C2851)			
** DISCCART	406687.502717592	3759137.49843534	429.60	1.50
** receptor	=B2893+1 (sensitive receptor: C2852)			
** DISCCART	406687.502717592	3759087.49861266	419.90	1.50
** receptor	=B2894+1 (sensitive receptor: C2853)			
** DISCCART	406687.502717592	3759037.49878997	416.60	1.50
** receptor	=B2895+1 (sensitive receptor: C2854)			
** DISCCART	406687.502717592	3758987.49896729	416.50	1.50
** receptor	=B2896+1 (sensitive receptor: C2855)			
** DISCCART	406687.502717592	3758937.49914461	415.80	1.50
** receptor	=B2897+1 (sensitive receptor: C2856)			
** DISCCART	406687.502717592	3758887.49932193	406.60	1.50
** receptor	=B2898+1 (sensitive receptor: C2857)			
** DISCCART	406687.502717592	3758837.49949925	400.10	1.50
** receptor	=B2899+1 (sensitive receptor: C2858)			
** DISCCART	406687.502717592	3758737.49985389	383.80	1.50
** receptor	=B2900+1 (sensitive receptor: C2859)			
** DISCCART	406737.497271559	3759137.49843534	438.80	1.50
** receptor	=B2901+1 (sensitive receptor: C2860)			
** DISCCART	406737.497271559	3759037.49878997	438.70	1.50
** receptor	=B2902+1 (sensitive receptor: C2861)			
** DISCCART	406737.497271559	3758987.49896729	429.60	1.50
** receptor	=B2903+1 (sensitive receptor: C2862)			
** DISCCART	406737.497271559	3758937.49914461	417.30	1.50
** receptor	=B2904+1 (sensitive receptor: C2863)			
** DISCCART	406737.497271559	3758637.50020853	383.70	1.50
** receptor	=B2905+1 (sensitive receptor: C2864)			
** DISCCART	406787.50007137	3759037.49878997	455.10	1.50
** receptor	=B2906+1 (sensitive receptor: C2865)			
** DISCCART	406787.50007137	3758987.49896729	432.90	1.50
** receptor	=B2907+1 (sensitive receptor: C2866)			
** DISCCART	406787.50007137	3758937.49914461	416.60	1.50
** receptor	=B2908+1 (sensitive receptor: C2867)			
** DISCCART	406787.50007137	3758687.50003121	393.60	1.50
** receptor	=B2909+1 (sensitive receptor: C2868)			
** DISCCART	406787.50007137	3758637.50020853	380.50	1.50
** receptor	=B2910+1 (sensitive receptor: C2869)			
** DISCCART	406837.502871182	3758737.49985389	406.60	1.50
** receptor	=B2911+1 (sensitive receptor: C2870)			

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** receptor	DISCCART	406837.502871182	3758687.50003121	400.10	1.50
	=B2912+1 (sensitive receptor: C2871)				
** receptor	DISCCART	406837.502871182	3758637.50020853	387.00	1.50
	=B2913+1 (sensitive receptor: C2872)				
** receptor	DISCCART	406887.497425149	3758787.49967657	415.80	1.50
	=B2914+1 (sensitive receptor: C2873)				
** receptor	DISCCART	406887.497425149	3758737.49985389	406.60	1.50
	=B2915+1 (sensitive receptor: C2874)				
** receptor	DISCCART	406887.497425149	3758687.50003121	396.80	1.50
	=B2916+1 (sensitive receptor: C2875)				
** receptor	DISCCART	406887.497425149	3758637.50020853	383.70	1.50
	=B2917+1 (sensitive receptor: C2876)				
** receptor	DISCCART	406937.50022496	3758737.49985389	403.40	1.50
	=B2918+1 (sensitive receptor: C2877)				
** receptor	DISCCART	406937.50022496	3758687.50003121	393.50	1.50
	=B2919+1 (sensitive receptor: C2878)				
** receptor	DISCCART	406937.50022496	3758637.50020853	380.40	1.50
	=B2920+1 (sensitive receptor: C2879)				
** receptor	DISCCART	406987.503024771	3758737.49985389	403.40	1.50
	=B2921+1 (sensitive receptor: C2880)				
** receptor	DISCCART	406987.503024771	3758687.50003121	393.40	1.50
	=B2922+1 (sensitive receptor: C2881)				
** receptor	DISCCART	406987.503024771	3758637.50020853	377.30	1.50
	=B2923+1 (sensitive receptor: C2882)				
** receptor	DISCCART	407037.497578738	3758687.50003121	387.60	1.50
	=B2924+1 (sensitive receptor: C2883)				
** receptor	DISCCART	407037.497578738	3758637.50020853	380.60	1.50
	=B2925+1 (sensitive receptor: C2884)				
** receptor	DISCCART	407087.500378549	3758637.50020853	400.20	1.50
	=B2926+1 (sensitive receptor: C2885)				
** receptor	DISCCART	407137.50317836	3758637.50020853	409.40	1.50
	=B2927+1 (sensitive receptor: C2886)				
** receptor	DISCCART	407187.497732327	3758637.50020853	422.40	1.50
	=B2928+1 (sensitive receptor: C2887)				
** receptor	DISCCART	407237.500532139	3758637.50020853	438.80	1.50
	=B2929+1 (sensitive receptor: C2888)				
** receptor	DISCCART	407287.50333195	3758637.50020853	458.50	1.50
	=B2930+1 (sensitive receptor: C2889)				
** receptor	DISCCART	407337.497885917	3758637.50020853	474.90	1.50
	=B2931+1 (sensitive receptor: C2890)				
** receptor	DISCCART	407387.500685728	3758637.50020853	490.60	1.50
	=B2932+1 (sensitive receptor: C2891)				
** receptor	DISCCART	407437.495239695	3758637.50020853	505.10	1.50
	=B2933+1 (sensitive receptor: C2892)				
** receptor	DISCCART	407487.498039506	3758637.50020853	490.20	1.50
	=B2934+1 (sensitive receptor: C2893)				
** receptor	DISCCART	407537.500839317	3758637.50020853	0.00	1.50
	=B2935+1 (sensitive receptor: C2894)				
** receptor	DISCCART	407587.495393284	3758637.50020853	0.00	1.50
	=B2936+1 (sensitive receptor: C2895)				
** receptor	DISCCART	407637.498193095	3758637.50020853	0.00	1.50
	=B2937+1 (sensitive receptor: C2896)				
** receptor	DISCCART	407687.500992907	3758637.50020853	0.00	1.50
	=B2938+1 (sensitive receptor: C2897)				
** receptor	DISCCART	407737.495546874	3758637.50020853	0.00	1.50
	=B2939+1 (sensitive receptor: C2898)				
** receptor	DISCCART	407787.498346685	3758637.50020853	0.00	1.50
	=B2940+1 (sensitive receptor: C2899)				
** receptor	DISCCART	407837.501146496	3758637.50020853	0.00	1.50
	=B2941+1 (sensitive receptor: C2900)				
** receptor	DISCCART	407887.503946307	3758637.50020853	0.00	1.50
	=B2942+1 (sensitive receptor: C2901)				
** receptor	DISCCART	407937.498500274	3758637.50020853	0.00	1.50
	=B2943+1 (sensitive receptor: C2902)				
** receptor	DISCCART	407987.501300085	3758637.50020853	0.00	1.50
	=B2944+1 (sensitive receptor: C2903)				
** receptor	DISCCART	408037.495854052	3758637.50020853	0.00	1.50
	=B2945+1 (sensitive receptor: C2904)				
** receptor	DISCCART	408087.498653864	3758637.50020853	0.00	1.50
	=B2946+1 (sensitive receptor: C2905)				
** receptor	DISCCART	405987.496503612	3758637.50020853	314.90	1.50
	=B2947+1 (sensitive receptor: C2906)				
** receptor	DISCCART	405987.496503612	3758587.50038585	310.80	1.50
	=B2948+1 (sensitive receptor: C2907)				
** receptor	DISCCART	406037.499303424	3758637.50020853	318.20	1.50
	=B2949+1 (sensitive receptor: C2908)				

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** receptor	DISCCART	406037.499303424	3758587.50038585	314.10	1.50
	=B2950+1 (sensitive receptor: C2909)				
** receptor	DISCCART	406087.502103235	3758637.50020853	321.40	1.50
	=B2951+1 (sensitive receptor: C2910)				
** receptor	DISCCART	406087.502103235	3758587.50038585	318.10	1.50
	=B2952+1 (sensitive receptor: C2911)				
** receptor	DISCCART	406137.496657202	3758637.50020853	324.70	1.50
	=B2953+1 (sensitive receptor: C2912)				
** receptor	DISCCART	406137.496657202	3758587.50038585	321.40	1.50
	=B2954+1 (sensitive receptor: C2913)				
** receptor	DISCCART	406187.499457013	3758637.50020853	331.30	1.50
	=B2955+1 (sensitive receptor: C2914)				
** receptor	DISCCART	406187.499457013	3758587.50038585	327.30	1.50
	=B2956+1 (sensitive receptor: C2915)				
** receptor	DISCCART	406237.502256824	3758637.50020853	334.60	1.50
	=B2957+1 (sensitive receptor: C2916)				
** receptor	DISCCART	406237.502256824	3758587.50038585	333.80	1.50
	=B2958+1 (sensitive receptor: C2917)				
** receptor	DISCCART	406287.496810791	3758637.50020853	340.40	1.50
	=B2959+1 (sensitive receptor: C2918)				
** receptor	DISCCART	406287.496810791	3758587.50038585	340.40	1.50
	=B2960+1 (sensitive receptor: C2919)				
** receptor	DISCCART	406337.499610602	3758637.50020853	344.40	1.50
	=B2961+1 (sensitive receptor: C2920)				
** receptor	DISCCART	406337.499610602	3758587.50038585	344.40	1.50
	=B2962+1 (sensitive receptor: C2921)				
** receptor	DISCCART	406387.502410414	3758637.50020853	351.00	1.50
	=B2963+1 (sensitive receptor: C2922)				
** receptor	DISCCART	406387.502410414	3758587.50038585	347.70	1.50
	=B2964+1 (sensitive receptor: C2923)				
** receptor	DISCCART	406437.496964381	3758637.50020853	357.50	1.50
	=B2965+1 (sensitive receptor: C2924)				
** receptor	DISCCART	406437.496964381	3758587.50038585	354.20	1.50
	=B2966+1 (sensitive receptor: C2925)				
** receptor	DISCCART	406487.499764192	3758637.50020853	363.30	1.50
	=B2967+1 (sensitive receptor: C2926)				
** receptor	DISCCART	406487.499764192	3758587.50038585	357.50	1.50
	=B2968+1 (sensitive receptor: C2927)				
** receptor	DISCCART	406537.502564003	3758637.50020853	367.40	1.50
	=B2969+1 (sensitive receptor: C2928)				
** receptor	DISCCART	406537.502564003	3758587.50038585	363.30	1.50
	=B2970+1 (sensitive receptor: C2929)				
** receptor	DISCCART	406587.49711797	3758587.50038585	364.10	1.50
	=B2971+1 (sensitive receptor: C2930)				
** receptor	DISCCART	406737.497271559	3758587.50038585	373.80	1.50
	=B2972+1 (sensitive receptor: C2931)				
** receptor	DISCCART	406787.50007137	3758587.50038585	379.70	1.50
	=B2973+1 (sensitive receptor: C2932)				
** receptor	DISCCART	406837.502871182	3758587.50038585	371.10	1.50
	=B2974+1 (sensitive receptor: C2933)				
** receptor	DISCCART	406887.497425149	3758587.50038585	354.40	1.50
	=B2975+1 (sensitive receptor: C2934)				
** receptor	DISCCART	406937.50022496	3758587.50038585	380.60	1.50
	=B2976+1 (sensitive receptor: C2935)				
** receptor	DISCCART	406987.503024771	3758587.50038585	387.10	1.50
	=B2977+1 (sensitive receptor: C2936)				
** receptor	DISCCART	407037.497578738	3758587.50038585	399.50	1.50
	=B2978+1 (sensitive receptor: C2937)				
** receptor	DISCCART	407087.500378549	3758587.50038585	403.50	1.50
	=B2979+1 (sensitive receptor: C2938)				
** receptor	DISCCART	407137.50317836	3758587.50038585	413.30	1.50
	=B2980+1 (sensitive receptor: C2939)				
** receptor	DISCCART	407187.497732327	3758587.50038585	435.20	1.50
	=B2981+1 (sensitive receptor: C2940)				
** receptor	DISCCART	407237.500532139	3758587.50038585	451.90	1.50
	=B2982+1 (sensitive receptor: C2941)				
** receptor	DISCCART	407287.50333195	3758587.50038585	456.00	1.50
	=B2983+1 (sensitive receptor: C2942)				
** receptor	DISCCART	407337.497885917	3758587.50038585	471.70	1.50
	=B2984+1 (sensitive receptor: C2943)				
** receptor	DISCCART	407387.500685728	3758587.50038585	493.10	1.50
	=B2985+1 (sensitive receptor: C2944)				
** receptor	DISCCART	407437.495239695	3758587.50038585	507.70	1.50
	=B2986+1 (sensitive receptor: C2945)				
** receptor	DISCCART	407487.498039506	3758587.50038585	496.70	1.50
	=B2987+1 (sensitive receptor: C2946)				

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** DISCCART	407537.500839317	3758587.50038585	0.00	1.50
** receptor	=B2988+1 (sensitive receptor: C2947)			
** DISCCART	407587.495393284	3758587.50038585	0.00	1.50
** receptor	=B2989+1 (sensitive receptor: C2948)			
** DISCCART	407637.498193095	3758587.50038585	0.00	1.50
** receptor	=B2990+1 (sensitive receptor: C2949)			
** DISCCART	407687.500992907	3758587.50038585	0.00	1.50
** receptor	=B2991+1 (sensitive receptor: C2950)			
** DISCCART	407737.495546874	3758587.50038585	0.00	1.50
** receptor	=B2992+1 (sensitive receptor: C2951)			
** DISCCART	407787.498346685	3758587.50038585	0.00	1.50
** receptor	=B2993+1 (sensitive receptor: C2952)			
** DISCCART	407837.501146496	3758587.50038585	0.00	1.50
** receptor	=B2994+1 (sensitive receptor: C2953)			
** DISCCART	407887.503946307	3758587.50038585	0.00	1.50
** receptor	=B2995+1 (sensitive receptor: C2954)			
** DISCCART	407937.498500274	3758587.50038585	0.00	1.50
** receptor	=B2996+1 (sensitive receptor: C2955)			
** DISCCART	407987.501300085	3758587.50038585	0.00	1.50
** receptor	=B2997+1 (sensitive receptor: C2956)			
** DISCCART	408037.495854052	3758587.50038585	0.00	1.50
** receptor	=B2998+1 (sensitive receptor: C2957)			
** DISCCART	408087.498653864	3758587.50038585	0.00	1.50
** CENSUS BLOCK RECEPTORS				
** receptor	CE001 (census block: BLK408506021)			
** DISCCART	408749.806007506	3760427.54857406	0.00	0.00
** receptor	CE002 (census block: BLK408506022)			
** DISCCART	408576.447507959	3760430.48997928	0.00	0.00
** receptor	CE003 (census block: BLK408506023)			
** DISCCART	408341.802356354	3760655.27152249	0.00	0.00
** receptor	CE004 (census block: BLK408506024)			
** DISCCART	408422.133849846	3760726.40898221	0.00	0.00
** receptor	CE005 (census block: BLK408506025)			
** DISCCART	408512.511209633	3760597.35762377	0.00	0.00
** receptor	CE006 (census block: BLK408506026)			
** DISCCART	408737.147770783	3760284.26416171	0.00	0.00
** receptor	CE007 (census block: BLK500204000)			
** DISCCART	407589.230892095	3757492.83437839	0.00	0.00
** receptor	CE008 (census block: BLK500205000)			
** DISCCART	406297.845135922	3757662.03464915	285.40	0.00
** receptor	CE009 (census block: BLK500205002)			
** DISCCART	406584.226588385	3757389.73804016	259.10	0.00
** receptor	CE010 (census block: BLK500206000)			
** DISCCART	407118.838102641	3757983.49210563	374.60	0.00
** receptor	CE011 (census block: BLK500206001)			
** DISCCART	406874.273114441	3758349.69729429	380.50	0.00
** receptor	CE012 (census block: BLK500206002)			
** DISCCART	406620.194570995	3758320.89375412	351.20	0.00
** receptor	CE013 (census block: BLK500206003)			
** DISCCART	406622.538542243	3757771.77868935	308.70	0.00
** receptor	CE014 (census block: BLK500206004)			
** DISCCART	406913.04327271	3757488.0297645	284.30	0.00
** receptor	CE015 (census block: BLK500206005)			
** DISCCART	406700.61374404	3757538.34383004	285.70	0.00
** receptor	CE016 (census block: BLK500206006)			
** DISCCART	407066.218777817	3757290.66451125	282.70	0.00
** receptor	CE017 (census block: BLK500206007)			
** DISCCART	407127.283156841	3757406.39871061	301.70	0.00
** receptor	CE018 (census block: BLK500211003)			
** DISCCART	408971.490403303	3759219.36440925	0.00	0.00
** receptor	CE019 (census block: BLK500211005)			
** DISCCART	408922.461109132	3758958.82823152	0.00	0.00
** receptor	CE020 (census block: BLK500211006)			
** DISCCART	408826.497851097	3758875.99205586	0.00	0.00
** receptor	CE021 (census block: BLK500211007)			
** DISCCART	409072.446211828	3758868.12882921	0.00	0.00
** receptor	CE022 (census block: BLK500211009)			
** DISCCART	408994.970734935	3758728.42800494	0.00	0.00
** receptor	CE023 (census block: BLK500211010)			
** DISCCART	408227.331322753	3758224.39308564	0.00	0.00
** receptor	CE024 (census block: BLK500211011)			
** DISCCART	408139.692864938	3758492.59557442	0.00	0.00
** receptor	CE025 (census block: BLK500211012)			
** DISCCART	408581.968092922	3758154.12672608	0.00	0.00

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** receptor	CE026 (census block: BLK500211014)			
DISCCART	408461.584808023	3758025.84274235	0.00	0.00
** receptor	CE027 (census block: BLK500211016)			
DISCCART	407729.400128099	3758130.66335171	0.00	0.00
** receptor	CE028 (census block: BLK500211017)			
DISCCART	407645.410164862	3757976.23037572	0.00	0.00
** receptor	CE029 (census block: BLK500211018)			
DISCCART	407482.906231318	3757723.57574838	429.40	0.00
** receptor	CE030 (census block: BLK501602000)			
DISCCART	405320.372409447	3759819.90359013	397.10	0.00
** receptor	CE031 (census block: BLK501603000)			
DISCCART	405904.105071521	3759261.60693193	408.60	0.00
** receptor	CE032 (census block: BLK501603001)			
DISCCART	405691.519376126	3759433.35673872	446.10	0.00
** receptor	CE033 (census block: BLK501603002)			
DISCCART	405617.361162259	3759631.22815867	541.60	0.00
** receptor	CE034 (census block: BLK501603003)			
DISCCART	405524.653957262	3759523.85635574	432.00	0.00
** receptor	CE035 (census block: BLK501603004)			
DISCCART	405402.384335292	3759491.65726032	423.30	0.00
** receptor	CE036 (census block: BLK501603005)			
DISCCART	405646.010602342	3759322.97573433	394.10	0.00
** receptor	CE037 (census block: BLK501603006)			
DISCCART	405616.324715491	3759173.51836785	344.40	0.00
** receptor	CE038 (census block: BLK501603007)			
DISCCART	405512.622295278	3759095.02231357	321.40	0.00
** receptor	CE039 (census block: BLK501603008)			
DISCCART	405377.460981122	3759043.06949407	311.60	0.00
** receptor	CE040 (census block: BLK501603009)			
DISCCART	405466.316435546	3758975.76639931	308.30	0.00
** receptor	CE041 (census block: BLK501603010)			
DISCCART	405527.847444175	3758925.23486247	308.30	0.00
** receptor	CE042 (census block: BLK501604000)			
DISCCART	406550.621988931	3758915.09035494	380.50	0.00
** receptor	CE043 (census block: BLK501604001)			
DISCCART	406480.474429338	3759093.03218777	403.40	0.00
** receptor	CE044 (census block: BLK501604002)			
DISCCART	406259.70283558	3759222.54652611	424.70	0.00
** receptor	CE045 (census block: BLK501604003)			
DISCCART	406195.819017176	3759106.84555469	396.80	0.00
** receptor	CE046 (census block: BLK501604004)			
DISCCART	406070.236447137	3759025.17598326	370.80	0.00
** receptor	CE047 (census block: BLK501604005)			
DISCCART	405757.637016656	3758922.94604871	332.60	0.00
** receptor	CE048 (census block: BLK501604006)			
DISCCART	405844.377372919	3758855.24464319	330.80	0.00
** receptor	CE049 (census block: BLK501604007)			
DISCCART	406318.111493656	3758856.0474567	363.50	0.00
** receptor	CE050 (census block: BLK501604008)			
DISCCART	406403.525988595	3759010.45523479	390.70	0.00
** receptor	CE051 (census block: BLK501609006)			
DISCCART	406352	3759038.6	393.70	0.00
** receptor	CE052 (census block: BLK501609007)			
DISCCART	406045.007458668	3760461.19387418	629.80	0.00
** receptor	CE053 (census block: BLK501609021)			
DISCCART	407358.288904366	3758534.46922479	485.40	0.00
** receptor	CE054 (census block: BLK501609022)			
DISCCART	407261.672811583	3758458.84625731	476.20	0.00
** receptor	CE055 (census block: BLK501701000)			
DISCCART	406506.829211421	3758549.17860801	357.50	0.00
** receptor	CE056 (census block: BLK501701001)			
DISCCART	406457.905253804	3758377.91144033	344.40	0.00
** receptor	CE057 (census block: BLK501701002)			
DISCCART	406301.702564465	3758551.205023	341.10	0.00
** receptor	CE058 (census block: BLK501701003)			
DISCCART	406205.033192867	3758613.50092079	331.30	0.00
** receptor	CE059 (census block: BLK501701004)			
DISCCART	406115.409823153	3758675.30499346	328.00	0.00
** receptor	CE060 (census block: BLK501701005)			
DISCCART	406028.60716936	3758737.08197694	328.00	0.00
** receptor	CE061 (census block: BLK501701006)			
DISCCART	405938.281214678	3758798.89477874	330.90	0.00
** receptor	CE062 (census block: BLK501701007)			
DISCCART	405736.732356176	3758451.4745756	278.80	0.00
** receptor	CE063 (census block: BLK501701008)			
DISCCART	405814.426647488	3758395.28490412	281.70	0.00

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** receptor CE064 (census block: BLK501702000)
DISCCART 406257.679183628 3758091.80695965 317.50 0.00
** receptor CE065 (census block: BLK501702001)
DISCCART 406166.640545947 3758153.62433368 311.60 0.00
** receptor CE066 (census block: BLK501702002)
DISCCART 405932.301123578 3758196.55870925 288.60 0.00
** receptor CE067 (census block: BLK501702003)
DISCCART 406072.199550461 3758298.81329292 305.00 0.00
** receptor CE068 (census block: BLK501702004)
DISCCART 405823.105818611 3758062.69666328 275.50 0.00
** receptor CE069 (census block: BLK501702005)
DISCCART 405911.268844127 3757995.40511402 282.10 0.00
** receptor CE070 (census block: BLK501702006)
DISCCART 405982.128243211 3757889.36732389 285.40 0.00
** receptor CE071 (census block: BLK501702009)
DISCCART 405799.168562158 3757924.1806304 268.90 0.00
** receptor CE072 (census block: BLK501703000)
DISCCART 405647.799750434 3758653.29948119 291.60 0.00
** receptor CE073 (census block: BLK501703001)
DISCCART 405489.147947858 3758508.51203456 269.00 0.00
** receptor CE074 (census block: BLK501703002)
DISCCART 405436.440211818 3758454.46693022 262.40 0.00
** receptor CE075 (census block: BLK501703003)
DISCCART 405455.721934976 3758337.9409465 257.80 0.00
** receptor CE076 (census block: BLK501703008)
DISCCART 405549.158243318 3758092.92026298 252.60 0.00
** receptor CE077 (census block: BLK501703009)
DISCCART 405661.882628257 3758014.3827463 259.10 0.00
** receptor CE078 (census block: BLK501704000)
DISCCART 405479.717684811 3758764.54001026 290.90 0.00
** receptor CE079 (census block: BLK501704001)
DISCCART 405359.158071486 3758904.49796325 297.30 0.00
** receptor CE080 (census block: BLK501704002)
DISCCART 405170.69339449 3759021.02430729 308.30 0.00
** receptor CE081 (census block: BLK501704003)
DISCCART 405201.970281093 3758906.06962733 295.20 0.00
** receptor CE082 (census block: BLK501704004)
DISCCART 405349.866985966 3758821.25356942 288.60 0.00
** receptor CE083 (census block: BLK501704005)
DISCCART 405215.443840128 3758773.10283891 282.10 0.00
** receptor CE084 (census block: BLK501704008)
DISCCART 405359.746481381 3758681.13144629 275.50 0.00
** receptor CE085 (census block: BLK501704009)
DISCCART 405435.368442973 3758629.6125628 275.50 0.00
** receptor CE086 (census block: BLK501804000)
DISCCART 405236.452045736 3759463.70375868 368.70 0.00
** receptor CE087 (census block: BLK501804001)
DISCCART 405212.37968725 3759382.72247012 352.60 0.00
** receptor CE088 (census block: BLK501804009)
DISCCART 405186.175462272 3759300.07045068 343.50 0.00
** receptor CE089 (census block: BLK501804011)
DISCCART 405257.372829785 3759088.68814387 314.90 0.00
** receptor CE090 (census block: BLK501609001)
DISCCART 408456.668426364 3760361.84764575 0.00 0.00
** receptor CE091 (census block: BLK501609002)
DISCCART 408269.975683699 3760516.36774435 0.00 0.00
** receptor CE092 (census block: BLK501609003)
DISCCART 407367.835528453 3760879.65008316 1026.70 0.00
** receptor CE093 (census block: BLK501609004)
DISCCART 408322.620179824 3760275.57773676 0.00 0.00
** receptor CE094 (census block: BLK501609005)
DISCCART 408794.360235931 3759930.90793989 0.00 0.00
** receptor CE095 (census block: BLK501609008)
DISCCART 406130.797262568 3760014.46792851 584.40 0.00

```

RE FINISHED

ME STARTING

```

INPUTFIL c:\ISC\whittier.asc
ANEMHGHT 10 METERS
SURFDATA 53114 81 LosAngeles
UAIRDATA 91919 81 LosAngeles
STARTEND 81 1 1 81 12 31

```


Appendix B

NOx Peak Hour Emissions Mitigated

ME FINISHED

OU STARTING

RECTABLE 1 first
** PLOTFILE 1 first c:\ISC\WHI_N01.PLT

OU FINISHED

*** Message Summary For ISC3 Model Setup ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 4 Warning Message(s)
A Total of 0 Informational Message(s)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
ME W360 7444 SET_WI:2-Digit Year Specified: Valid for Range 1950-2049 SURFDATA
SO W320 30 PPARAM :Input Parameter May Be Out-of-Range for Parameter QS
SO W320 34 PPARAM :Input Parameter May Be Out-of-Range for Parameter QS
RE W282 7437 CHK_EL:RecElev < SrcBase; See non-DEFAULT HE>ZI option in MCB#9

*** SETUP Finishes Successfully ***

• *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36
**MODELOPTs: PAGE 1
CONC URBAN ELEV FLGPOL NOCALM

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**NO GAS DRY DEPOSITION Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses User-Specified Options:
1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Not Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.

**Model Accepts Receptors on ELEV Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates 1 Short Term Average(s) of: 1-HR

**This Run Includes: 4 Source(s); 1 Source Group(s); and 3690 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**Model Set To Continue RUNning After the Setup Testing.

Appendix B

NOx Peak Hour Emissions Mitigated

**Output Options Selected:

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.4 MB of RAM.

**Input Runstream File: WHI_NO1m.inp
 **Output Print File: WHI_NO1m.out

**Detailed Error/Message File: c:\ISC\zERROR.ERR

• *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36
 **MODELOPTs: PAGE 2

CONC URBAN ELEV FLGPOL NOCALM

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
1	0	0.20833E+01	407065.0	3759568.0	150.9	12.20	1050.00	3.70	1.80	NO	
2	0	0.00000E+00	407085.0	3759498.0	150.9	6.10	565.00	2.80	0.25	NO	
3	0	0.00000E+00	407085.0	3759498.0	150.9	6.10	565.00	2.80	0.50	NO	
4	0	0.36900E+00	407130.0	3759340.0	147.8	4.00	783.00	3.60	0.20	NO	

• *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36
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CONC URBAN ELEV FLGPOL NOCALM

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

1 1, 2, 3, 4
 • *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36

**MODELOPTs: PAGE 4
 CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(409779.5, 3759787.5, 0.0, 1.5);	(409779.3, 3759762.5, 0.0, 1.5);
(409779.2, 3759737.5, 0.0, 1.5);	(409779.0, 3759712.5, 0.0, 1.5);
(409778.9, 3759687.5, 0.0, 1.5);	(409778.7, 3759662.5, 0.0, 1.5);
(409778.5, 3759637.5, 0.0, 1.5);	(409778.4, 3759612.5, 0.0, 1.5);
(409778.2, 3759587.5, 0.0, 1.5);	(409778.1, 3759562.5, 0.0, 1.5);
(409777.9, 3759537.5, 0.0, 1.5);	(409777.7, 3759512.5, 0.0, 1.5);
(409777.6, 3759487.5, 0.0, 1.5);	(409777.4, 3759462.5, 0.0, 1.5);
(409777.3, 3759437.5, 0.0, 1.5);	(409777.1, 3759412.5, 0.0, 1.5);
(409776.9, 3759387.5, 0.0, 1.5);	(409776.8, 3759362.5, 0.0, 1.5);
(409776.6, 3759337.5, 0.0, 1.5);	(409776.4, 3759312.5, 0.0, 1.5);
(409776.3, 3759287.5, 0.0, 1.5);	(409776.1, 3759262.5, 0.0, 1.5);
(409775.9, 3759237.5, 0.0, 1.5);	(409775.7, 3759212.5, 0.0, 1.5);
(409775.4, 3759187.5, 0.0, 1.5);	(409775.1, 3759162.5, 0.0, 1.5);
(409774.8, 3759137.5, 0.0, 1.5);	(409774.6, 3759112.5, 0.0, 1.5);
(409774.3, 3759087.5, 0.0, 1.5);	(409774.0, 3759062.5, 0.0, 1.5);
(409773.8, 3759037.5, 0.0, 1.5);	(409765.3, 3759020.3, 0.0, 1.5);
(409740.3, 3759020.5, 0.0, 1.5);	(409715.3, 3759021.0, 0.0, 1.5);
(409690.3, 3759021.3, 0.0, 1.5);	(409665.3, 3759021.5, 0.0, 1.5);
(409640.3, 3759021.8, 0.0, 1.5);	(409615.3, 3759022.3, 0.0, 1.5);
(409590.3, 3759022.5, 0.0, 1.5);	(409565.3, 3759022.8, 0.0, 1.5);

Appendix B

NOx Peak Hour Emissions Mitigated

(406705.9, 3758634.8, 115.0, 1.5);	(406693.9, 3758612.8, 112.8, 1.5);
(406681.8, 3758591.0, 111.2, 1.5);	(406667.5, 3758575.5, 110.0, 1.5);
(406646.6, 3758589.3, 110.0, 1.5);	(406625.6, 3758603.0, 111.0, 1.5);
(406625.5, 3758621.5, 111.4, 1.5);	(406639.1, 3758642.5, 111.5, 1.5);

• *** ISCSST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

*** ANALYSIS PEAK HR NOx emissions mitigated

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**MODELOPTs:

CONC URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZFLAG)

(METERS)

(406652.7, 3758663.5, 112.8, 1.5);	(406666.3, 3758684.5, 113.8, 1.5);
(406679.8, 3758705.5, 115.7, 1.5);	(406693.4, 3758726.5, 116.5, 1.5);
(406707.0, 3758747.5, 117.0, 1.5);	(406720.8, 3758768.0, 117.0, 1.5);
(406700.3, 3758782.0, 118.9, 1.5);	(406681.7, 3758797.3, 119.9, 1.5);
(406695.6, 3758818.0, 120.0, 1.5);	(406709.5, 3758839.0, 121.1, 1.5);
(406723.4, 3758859.8, 121.7, 1.5);	(406737.3, 3758880.5, 122.2, 1.5);
(406756.8, 3758895.5, 122.7, 1.5);	(406778.3, 3758908.5, 124.1, 1.5);
(406799.7, 3758921.3, 126.3, 1.5);	(406821.2, 3758934.3, 126.9, 1.5);
(406831.0, 3758956.3, 127.7, 1.5);	(406839.8, 3758979.8, 128.2, 1.5);
(406848.5, 3759003.3, 131.2, 1.5);	(406844.1, 3759021.8, 134.1, 1.5);
(406823.4, 3759035.8, 139.6, 1.5);	(406802.6, 3759049.8, 140.4, 1.5);
(406781.9, 3759063.8, 140.6, 1.5);	(406761.2, 3759077.8, 141.0, 1.5);
(406740.4, 3759091.5, 135.8, 1.5);	(406747.5, 3759112.5, 136.4, 1.5);
(406760.2, 3759134.0, 137.4, 1.5);	(406747.8, 3759150.0, 134.5, 1.5);
(406732.2, 3759166.5, 133.0, 1.5);	(406714.7, 3759177.0, 134.0, 1.5);
(406693.6, 3759190.5, 135.7, 1.5);	(406672.5, 3759204.0, 136.6, 1.5);
(406651.4, 3759217.3, 137.9, 1.5);	(406630.3, 3759230.8, 138.3, 1.5);
(406609.3, 3759244.3, 138.6, 1.5);	(406588.2, 3759257.8, 138.8, 1.5);
(406567.1, 3759271.0, 138.2, 1.5);	(406546.0, 3759284.5, 138.7, 1.5);
(406524.9, 3759298.0, 139.0, 1.5);	(406503.8, 3759311.5, 138.6, 1.5);
(406482.8, 3759324.8, 138.8, 1.5);	(406461.7, 3759338.3, 139.2, 1.5);
(406440.6, 3759351.8, 139.4, 1.5);	(406419.5, 3759365.3, 140.0, 1.5);
(406398.4, 3759378.5, 142.1, 1.5);	(406377.0, 3759392.3, 145.2, 1.5);
(406375.7, 3759417.3, 145.8, 1.5);	(406374.3, 3759442.3, 147.8, 1.5);
(406372.9, 3759467.3, 148.7, 1.5);	(406351.5, 3759469.5, 153.7, 1.5);
(406326.5, 3759468.8, 156.4, 1.5);	(406301.6, 3759468.0, 157.9, 1.5);
(406276.6, 3759467.3, 156.6, 1.5);	(406251.6, 3759466.5, 155.1, 1.5);
(406226.6, 3759465.8, 154.5, 1.5);	(406201.6, 3759465.0, 152.2, 1.5);
(406176.6, 3759464.3, 144.0, 1.5);	(406171.3, 3759484.5, 138.1, 1.5);
(406171.6, 3759509.5, 134.5, 1.5);	(406171.9, 3759534.5, 135.8, 1.5);
(406172.2, 3759559.5, 139.3, 1.5);	(406172.5, 3759584.5, 144.2, 1.5);
(406172.8, 3759609.5, 148.9, 1.5);	(406173.0, 3759634.5, 153.2, 1.5);
(406173.3, 3759659.5, 155.1, 1.5);	(406173.6, 3759684.5, 161.7, 1.5);
(406173.8, 3759709.5, 161.8, 1.5);	(406174.1, 3759734.5, 159.6, 1.5);
(406174.4, 3759759.5, 165.0, 1.5);	(406174.7, 3759784.5, 164.0, 1.5);
(406175.0, 3759809.5, 160.6, 1.5);	(406175.2, 3759834.5, 161.2, 1.5);
(406175.5, 3759859.5, 158.1, 1.5);	(406152.3, 3759859.5, 152.3, 1.5);
(406127.3, 3759859.0, 150.0, 1.5);	(406102.3, 3759858.3, 151.7, 1.5);
(406077.4, 3759857.5, 167.1, 1.5);	(406052.4, 3759856.8, 183.9, 1.5);
(406041.3, 3759871.0, 182.3, 1.5);	(406041.6, 3759896.0, 181.5, 1.5);
(406041.8, 3759921.0, 180.7, 1.5);	(406042.1, 3759946.0, 198.9, 1.5);
(406042.4, 3759971.0, 210.3, 1.5);	(406067.3, 3759972.5, 206.4, 1.5);
(406092.3, 3759973.5, 197.1, 1.5);	(406117.3, 3759974.3, 181.6, 1.5);
(406142.3, 3759975.0, 167.6, 1.5);	(406167.3, 3759975.8, 152.9, 1.5);
(406187.2, 3759980.8, 154.5, 1.5);	(406187.4, 3760005.8, 155.0, 1.5);

• *** ISCSST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

*** ANALYSIS PEAK HR NOx emissions mitigated

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**MODELOPTs:

CONC URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZFLAG)

(METERS)

(406187.7, 3760030.8, 156.3, 1.5);	(406188.0, 3760055.8, 159.2, 1.5);
(406188.3, 3760080.8, 168.7, 1.5);	(406188.5, 3760105.8, 184.7, 1.5);
(406188.8, 3760130.8, 184.8, 1.5);	(406189.1, 3760155.8, 177.6, 1.5);
(406189.3, 3760180.8, 189.5, 1.5);	(406189.6, 3760205.8, 203.7, 1.5);
(406189.9, 3760230.8, 214.5, 1.5);	(406190.1, 3760255.5, 217.2, 1.5);
(406198.2, 3760273.8, 216.3, 1.5);	(406223.2, 3760274.5, 222.0, 1.5);
(406248.2, 3760275.3, 221.6, 1.5);	(406270.6, 3760282.0, 219.7, 1.5);

Appendix B

NOx Peak Hour Emissions Mitigated

(406289.8, 3760298.3, 219.2, 1.5);	(406308.9, 3760314.3, 229.1, 1.5);
(406328.1, 3760330.3, 234.6, 1.5);	(406347.3, 3760346.3, 239.6, 1.5);
(406366.4, 3760362.3, 239.2, 1.5);	(406385.6, 3760378.5, 231.6, 1.5);
(406404.8, 3760394.5, 232.6, 1.5);	(406423.9, 3760410.5, 231.4, 1.5);
(406438.6, 3760430.5, 241.2, 1.5);	(406453.1, 3760451.0, 251.2, 1.5);
(406464.5, 3760468.5, 257.6, 1.5);	(406439.7, 3760465.8, 258.3, 1.5);
(406414.8, 3760462.8, 259.4, 1.5);	(406390.3, 3760458.3, 259.9, 1.5);
(406366.0, 3760452.8, 258.2, 1.5);	(406354.5, 3760461.8, 257.9, 1.5);
(406362.3, 3760484.3, 243.0, 1.5);	(406383.8, 3760497.0, 241.5, 1.5);
(406405.2, 3760509.8, 241.7, 1.5);	(406422.6, 3760527.5, 238.0, 1.5);
(406440.1, 3760545.5, 239.7, 1.5);	(406459.6, 3760554.3, 253.9, 1.5);
(406482.2, 3760543.5, 262.8, 1.5);	(406504.8, 3760532.8, 271.7, 1.5);
(406527.3, 3760522.0, 276.6, 1.5);	(406549.9, 3760511.3, 280.4, 1.5);
(406572.5, 3760500.5, 285.3, 1.5);	(406596.6, 3760494.8, 289.0, 1.5);
(406621.1, 3760489.8, 289.3, 1.5);	(406645.0, 3760486.8, 298.0, 1.5);
(406667.1, 3760498.5, 299.9, 1.5);	(406684.1, 3760513.0, 295.6, 1.5);
(406685.7, 3760538.0, 290.1, 1.5);	(406687.4, 3760563.0, 286.9, 1.5);
(406689.1, 3760587.8, 282.9, 1.5);	(406690.7, 3760612.8, 276.2, 1.5);
(406692.4, 3760637.8, 274.7, 1.5);	(406694.1, 3760662.8, 278.7, 1.5);
(406695.7, 3760687.8, 282.5, 1.5);	(406694.0, 3760710.8, 283.4, 1.5);
(406675.7, 3760727.8, 282.9, 1.5);	(406657.3, 3760744.8, 283.2, 1.5);
(406638.9, 3760761.8, 279.8, 1.5);	(406620.6, 3760778.8, 277.1, 1.5);
(406600.1, 3760790.5, 277.5, 1.5);	(406575.3, 3760793.8, 278.5, 1.5);
(406550.5, 3760796.8, 277.8, 1.5);	(406525.7, 3760800.0, 277.4, 1.5);
(406500.9, 3760803.3, 276.6, 1.5);	(406478.0, 3760812.0, 274.0, 1.5);
(406457.2, 3760826.0, 272.4, 1.5);	(406436.4, 3760839.8, 271.5, 1.5);
(406415.5, 3760853.5, 268.9, 1.5);	(406392.3, 3760856.3, 265.3, 1.5);
(406367.4, 3760853.8, 265.3, 1.5);	(406342.5, 3760851.3, 264.1, 1.5);
(406317.7, 3760848.8, 263.7, 1.5);	(406292.8, 3760846.0, 263.4, 1.5);
(406267.9, 3760843.5, 265.9, 1.5);	(406244.1, 3760836.5, 269.2, 1.5);
(406220.3, 3760828.8, 269.6, 1.5);	(406196.6, 3760821.0, 268.7, 1.5);
(406172.8, 3760813.3, 265.3, 1.5);	(406149.1, 3760805.3, 264.3, 1.5);
(406125.3, 3760797.5, 263.1, 1.5);	(406105.6, 3760782.5, 263.0, 1.5);
(406085.9, 3760767.3, 256.3, 1.5);	(406083.4, 3760744.0, 256.3, 1.5);
(406083.9, 3760719.0, 255.4, 1.5);	(406084.4, 3760694.0, 251.2, 1.5);
(406073.8, 3760679.5, 248.3, 1.5);	(406048.8, 3760680.3, 246.6, 1.5);
(406023.8, 3760681.0, 232.8, 1.5);	(405998.8, 3760681.8, 214.4, 1.5);
(405973.8, 3760682.5, 199.1, 1.5);	(405948.8, 3760683.3, 197.3, 1.5);

• *** ISCST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions mitigated

*** 07/29/11
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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(405923.9, 3760684.0, 196.6, 1.5);	(405898.9, 3760684.8, 184.5, 1.5);
(405873.9, 3760685.5, 171.3, 1.5);	(405848.9, 3760686.3, 163.7, 1.5);
(405823.9, 3760687.0, 160.4, 1.5);	(405798.9, 3760687.8, 159.0, 1.5);
(405774.5, 3760683.8, 159.9, 1.5);	(405749.6, 3760682.3, 165.4, 1.5);
(405724.6, 3760682.5, 167.4, 1.5);	(405699.6, 3760682.8, 163.0, 1.5);
(405674.6, 3760683.0, 166.0, 1.5);	(405649.6, 3760683.3, 169.5, 1.5);
(405632.1, 3760691.5, 173.8, 1.5);	(405632.8, 3760716.5, 179.1, 1.5);
(405633.5, 3760741.5, 182.7, 1.5);	(405634.2, 3760766.5, 183.9, 1.5);
(405634.9, 3760791.5, 183.9, 1.5);	(405635.6, 3760816.5, 184.3, 1.5);
(405636.3, 3760841.5, 187.3, 1.5);	(405637.1, 3760866.5, 192.6, 1.5);
(405637.8, 3760891.5, 199.6, 1.5);	(405638.5, 3760916.5, 200.7, 1.5);
(405639.2, 3760941.5, 199.9, 1.5);	(405639.9, 3760966.5, 200.9, 1.5);
(405644.1, 3760990.8, 204.4, 1.5);	(405653.3, 3761014.0, 207.7, 1.5);
(405653.8, 3761039.0, 212.0, 1.5);	(405654.2, 3761064.0, 215.5, 1.5);
(405654.5, 3761089.0, 219.1, 1.5);	(405672.8, 3761096.3, 219.9, 1.5);
(405697.8, 3761095.5, 220.6, 1.5);	(405722.8, 3761095.0, 219.9, 1.5);
(405747.8, 3761094.5, 219.5, 1.5);	(405772.8, 3761093.8, 220.2, 1.5);
(405797.8, 3761093.3, 221.3, 1.5);	(405822.8, 3761092.5, 216.9, 1.5);
(405847.8, 3761092.0, 201.0, 1.5);	(405872.8, 3761091.5, 206.4, 1.5);
(405897.7, 3761090.8, 213.4, 1.5);	(405922.7, 3761090.3, 217.4, 1.5);
(405947.7, 3761089.5, 220.6, 1.5);	(405972.7, 3761089.0, 218.1, 1.5);
(405997.7, 3761088.5, 212.4, 1.5);	(406022.7, 3761087.8, 208.1, 1.5);
(406047.7, 3761087.3, 226.8, 1.5);	(406072.7, 3761086.5, 247.3, 1.5);
(406097.7, 3761086.0, 247.3, 1.5);	(406122.7, 3761085.5, 233.6, 1.5);
(406147.7, 3761084.8, 218.9, 1.5);	(406172.7, 3761084.3, 224.4, 1.5);
(406197.7, 3761083.5, 227.7, 1.5);	(406222.7, 3761083.0, 224.3, 1.5);
(406247.6, 3761082.5, 211.2, 1.5);	(406272.6, 3761081.8, 211.8, 1.5);
(406297.6, 3761081.3, 218.6, 1.5);	(406322.6, 3761080.5, 228.8, 1.5);

Appendix B

NOx Peak Hour Emissions Mitigated

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( 406347.6, 3761080.0, 214.1, 1.5); ( 406372.6, 3761079.5, 215.2, 1.5);
( 406397.6, 3761078.8, 218.8, 1.5); ( 406422.6, 3761078.3, 226.5, 1.5);
( 406447.6, 3761077.5, 226.8, 1.5); ( 406472.6, 3761077.0, 210.1, 1.5);
( 406497.6, 3761076.5, 208.1, 1.5); ( 406522.6, 3761075.8, 223.4, 1.5);
( 406547.5, 3761075.3, 233.6, 1.5); ( 406572.5, 3761074.5, 236.0, 1.5);
( 406597.5, 3761074.0, 233.0, 1.5); ( 406622.5, 3761073.5, 240.2, 1.5);
( 406647.5, 3761072.8, 237.3, 1.5); ( 406672.5, 3761072.3, 230.2, 1.5);
( 406697.5, 3761071.5, 242.9, 1.5); ( 406722.5, 3761071.0, 247.4, 1.5);
( 406747.5, 3761070.5, 234.2, 1.5); ( 406772.5, 3761069.8, 225.7, 1.5);
( 406797.5, 3761069.3, 239.7, 1.5); ( 406822.5, 3761068.5, 254.2, 1.5);
( 406847.5, 3761068.0, 260.0, 1.5); ( 406872.5, 3761067.5, 261.5, 1.5);
( 406897.4, 3761066.8, 257.9, 1.5); ( 406922.4, 3761066.3, 251.6, 1.5);
( 406947.4, 3761065.5, 241.6, 1.5); ( 406972.4, 3761065.0, 235.9, 1.5);
( 406997.4, 3761064.5, 238.3, 1.5); ( 407021.1, 3761061.8, 252.1, 1.5);
( 407020.3, 3761036.8, 240.4, 1.5); ( 407019.5, 3761011.8, 256.2, 1.5);
( 407018.7, 3760986.8, 272.6, 1.5); ( 407017.8, 3760961.8, 288.8, 1.5);
( 407017.0, 3760936.8, 301.6, 1.5); ( 407016.2, 3760911.8, 315.1, 1.5);

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* *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
**MODELOPTs: *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36
CONC URBAN ELEV FLGPOL NOCALM PAGE 9

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

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( 407015.4, 3760886.8, 319.3, 1.5); ( 407014.6, 3760861.8, 314.4, 1.5);
( 407013.8, 3760836.8, 308.8, 1.5); ( 407012.9, 3760811.8, 306.0, 1.5);
( 407012.1, 3760787.0, 302.2, 1.5); ( 407011.3, 3760762.0, 294.3, 1.5);
( 407010.5, 3760737.0, 283.3, 1.5); ( 407009.7, 3760712.0, 271.6, 1.5);
( 407008.8, 3760687.0, 257.2, 1.5); ( 407008.0, 3760662.0, 246.0, 1.5);
( 407031.9, 3760661.5, 234.8, 1.5); ( 407056.9, 3760661.3, 216.4, 1.5);
( 407081.9, 3760661.3, 219.8, 1.5); ( 407106.9, 3760661.0, 245.4, 1.5);
( 407131.9, 3760660.8, 260.5, 1.5); ( 407156.9, 3760660.5, 267.9, 1.5);
( 407181.9, 3760660.3, 282.2, 1.5); ( 407206.9, 3760660.0, 296.7, 1.5);
( 407231.9, 3760660.0, 308.2, 1.5); ( 407256.9, 3760659.8, 311.9, 1.5);
( 407281.9, 3760659.5, 304.9, 1.5); ( 407306.9, 3760659.3, 293.3, 1.5);
( 407331.9, 3760659.0, 285.1, 1.5); ( 407356.9, 3760659.0, 292.3, 1.5);
( 407381.9, 3760658.8, 292.6, 1.5); ( 407406.9, 3760658.5, 291.2, 1.5);
( 407431.9, 3760658.3, 297.4, 1.5); ( 407456.9, 3760658.0, 301.5, 1.5);
( 407481.9, 3760657.8, 303.3, 1.5); ( 407506.9, 3760657.8, 294.0, 1.5);
( 407531.9, 3760657.5, 287.6, 1.5); ( 407556.9, 3760657.3, 0.0, 1.5);
( 407581.9, 3760657.0, 0.0, 1.5); ( 407606.9, 3760656.8, 0.0, 1.5);
( 407631.9, 3760656.8, 0.0, 1.5); ( 407656.9, 3760656.5, 0.0, 1.5);
( 407681.9, 3760656.3, 0.0, 1.5); ( 407706.9, 3760656.0, 0.0, 1.5);
( 407731.9, 3760655.8, 0.0, 1.5); ( 407756.9, 3760655.5, 0.0, 1.5);
( 407781.9, 3760655.5, 0.0, 1.5); ( 407806.9, 3760655.3, 0.0, 1.5);
( 407831.9, 3760655.0, 0.0, 1.5); ( 407856.9, 3760654.8, 0.0, 1.5);
( 407881.9, 3760654.5, 0.0, 1.5); ( 407906.9, 3760654.3, 0.0, 1.5);
( 407931.9, 3760654.3, 0.0, 1.5); ( 407956.9, 3760654.0, 0.0, 1.5);
( 407981.9, 3760653.8, 0.0, 1.5); ( 408006.9, 3760653.5, 0.0, 1.5);
( 408031.9, 3760653.3, 0.0, 1.5); ( 408056.9, 3760653.3, 0.0, 1.5);
( 408081.9, 3760653.0, 0.0, 1.5); ( 408106.9, 3760652.8, 0.0, 1.5);
( 408131.9, 3760652.5, 0.0, 1.5); ( 408156.9, 3760652.3, 0.0, 1.5);
( 408181.9, 3760652.0, 0.0, 1.5); ( 408206.9, 3760652.0, 0.0, 1.5);
( 408225.8, 3760645.0, 0.0, 1.5); ( 408224.9, 3760620.0, 0.0, 1.5);
( 408224.2, 3760595.0, 0.0, 1.5); ( 408223.3, 3760570.0, 0.0, 1.5);
( 408222.6, 3760545.0, 0.0, 1.5); ( 408221.8, 3760520.0, 0.0, 1.5);
( 408220.9, 3760495.0, 0.0, 1.5); ( 408220.2, 3760470.0, 0.0, 1.5);
( 408219.3, 3760445.0, 0.0, 1.5); ( 408218.6, 3760420.0, 0.0, 1.5);
( 408217.8, 3760395.0, 0.0, 1.5); ( 408216.9, 3760370.0, 0.0, 1.5);
( 408216.2, 3760345.0, 0.0, 1.5); ( 408215.3, 3760320.0, 0.0, 1.5);
( 408214.6, 3760295.0, 0.0, 1.5); ( 408213.8, 3760270.0, 0.0, 1.5);
( 408213.0, 3760245.3, 0.0, 1.5); ( 408212.2, 3760220.3, 0.0, 1.5);
( 408211.4, 3760195.3, 0.0, 1.5); ( 408210.6, 3760170.3, 0.0, 1.5);
( 408209.8, 3760145.3, 0.0, 1.5); ( 408209.0, 3760120.3, 0.0, 1.5);
( 408208.2, 3760095.3, 0.0, 1.5); ( 408207.4, 3760070.3, 0.0, 1.5);
( 408206.6, 3760045.3, 0.0, 1.5); ( 408205.8, 3760020.3, 0.0, 1.5);
( 408205.0, 3759995.3, 0.0, 1.5); ( 408204.2, 3759970.3, 0.0, 1.5);
( 408203.4, 3759945.3, 0.0, 1.5); ( 408202.6, 3759920.3, 0.0, 1.5);
( 408201.8, 3759895.3, 0.0, 1.5); ( 408201.0, 3759870.3, 0.0, 1.5);

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* *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
**MODELOPTs: *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36
CONC URBAN ELEV FLGPOL NOCALM PAGE 10

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Appendix B

NOx Peak Hour Emissions Mitigated

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(408201.6, 3759847.5, 0.0, 1.5);	(408226.6, 3759847.3, 0.0, 1.5);
(408251.6, 3759846.8, 0.0, 1.5);	(408276.6, 3759846.3, 0.0, 1.5);
(408301.6, 3759846.0, 0.0, 1.5);	(408326.6, 3759845.5, 0.0, 1.5);
(408351.6, 3759845.3, 0.0, 1.5);	(408376.6, 3759844.8, 0.0, 1.5);
(408401.6, 3759844.5, 0.0, 1.5);	(408426.6, 3759844.0, 0.0, 1.5);
(408451.5, 3759843.8, 0.0, 1.5);	(408476.5, 3759843.3, 0.0, 1.5);
(408501.5, 3759842.8, 0.0, 1.5);	(408526.5, 3759842.5, 0.0, 1.5);
(408551.5, 3759842.0, 0.0, 1.5);	(408576.5, 3759841.8, 0.0, 1.5);
(408601.5, 3759841.3, 0.0, 1.5);	(408626.5, 3759841.0, 0.0, 1.5);
(408651.5, 3759840.5, 0.0, 1.5);	(408676.5, 3759840.3, 0.0, 1.5);
(408701.5, 3759839.8, 0.0, 1.5);	(408726.5, 3759839.5, 0.0, 1.5);
(408751.5, 3759839.0, 0.0, 1.5);	(408776.5, 3759838.5, 0.0, 1.5);
(408801.5, 3759838.3, 0.0, 1.5);	(408826.5, 3759837.8, 0.0, 1.5);
(408851.5, 3759837.5, 0.0, 1.5);	(408876.5, 3759837.0, 0.0, 1.5);
(408901.5, 3759836.8, 0.0, 1.5);	(408926.5, 3759836.3, 0.0, 1.5);
(408951.5, 3759836.0, 0.0, 1.5);	(408976.5, 3759835.5, 0.0, 1.5);
(409001.5, 3759835.0, 0.0, 1.5);	(409026.5, 3759834.8, 0.0, 1.5);
(409051.5, 3759834.3, 0.0, 1.5);	(409076.5, 3759834.0, 0.0, 1.5);
(409101.5, 3759833.5, 0.0, 1.5);	(409126.5, 3759833.3, 0.0, 1.5);
(409151.5, 3759833.0, 0.0, 1.5);	(409176.5, 3759832.5, 0.0, 1.5);
(409201.5, 3759832.3, 0.0, 1.5);	(409226.5, 3759832.0, 0.0, 1.5);
(409251.5, 3759831.5, 0.0, 1.5);	(409276.4, 3759831.3, 0.0, 1.5);
(409301.4, 3759831.0, 0.0, 1.5);	(409326.4, 3759830.5, 0.0, 1.5);
(409351.4, 3759830.3, 0.0, 1.5);	(409376.4, 3759830.0, 0.0, 1.5);
(409401.4, 3759829.5, 0.0, 1.5);	(409426.4, 3759829.3, 0.0, 1.5);
(409451.4, 3759829.0, 0.0, 1.5);	(409476.4, 3759828.5, 0.0, 1.5);
(409501.4, 3759828.3, 0.0, 1.5);	(409526.4, 3759828.0, 0.0, 1.5);
(409551.4, 3759827.5, 0.0, 1.5);	(409576.4, 3759827.3, 0.0, 1.5);
(409601.4, 3759827.0, 0.0, 1.5);	(409626.4, 3759826.5, 0.0, 1.5);
(409651.4, 3759826.3, 0.0, 1.5);	(409676.4, 3759826.0, 0.0, 1.5);
(409700.9, 3759821.5, 0.0, 1.5);	(409724.6, 3759813.5, 0.0, 1.5);
(409748.3, 3759805.8, 0.0, 1.5);	(409772.0, 3759797.8, 0.0, 1.5);
(407390.9, 3759093.5, 138.5, 1.5);	(407365.1, 3759080.3, 138.6, 1.5);
(407339.8, 3759067.5, 139.9, 1.5);	(407316.6, 3759058.8, 141.3, 1.5);
(407283.2, 3759053.0, 144.3, 1.5);	(407252.9, 3759048.8, 145.0, 1.5);
(407225.7, 3759048.5, 145.0, 1.5);	(407197.0, 3759050.0, 143.7, 1.5);
(407179.0, 3759048.0, 141.9, 1.5);	(407162.8, 3759027.3, 140.9, 1.5);
(407144.1, 3759004.0, 138.4, 1.5);	(407126.5, 3758984.8, 135.1, 1.5);
(407105.8, 3758967.5, 133.6, 1.5);	(407088.2, 3758951.8, 133.5, 1.5);
(407069.5, 3758935.3, 133.2, 1.5);	(407049.3, 3758918.5, 132.9, 1.5);
(407036.3, 3758905.0, 131.9, 1.5);	(407039.7, 3758879.3, 133.0, 1.5);
(407046.7, 3758854.3, 130.9, 1.5);	(407052.5, 3758829.0, 130.0, 1.5);
(407055.9, 3758804.5, 128.7, 1.5);	(407059.2, 3758781.5, 127.0, 1.5);
(407066.3, 3758771.8, 126.4, 1.5);	(407073.9, 3758765.0, 125.1, 1.5);
(407083.1, 3758759.5, 124.1, 1.5);	(407094.4, 3758756.8, 124.0, 1.5);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions mitigated

*** 07/29/11
 *** 11:59:36
 *** PAGE 11

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(407109.3, 3758764.3, 124.6, 1.5);	(407134.6, 3758776.8, 124.4, 1.5);
(407157.8, 3758790.8, 125.3, 1.5);	(407181.6, 3758803.3, 126.5, 1.5);
(407205.4, 3758815.8, 127.4, 1.5);	(407230.7, 3758833.5, 129.5, 1.5);
(407254.0, 3758858.3, 130.5, 1.5);	(407272.7, 3758877.5, 130.6, 1.5);
(405962.5, 3758512.5, 92.0, 1.5);	(405962.5, 3758487.5, 91.0, 1.5);
(405962.5, 3758462.5, 91.0, 1.5);	(405962.5, 3758437.5, 91.0, 1.5);
(405962.5, 3758412.5, 90.3, 1.5);	(405962.5, 3758387.5, 90.3, 1.5);
(405962.5, 3758362.5, 90.0, 1.5);	(405962.5, 3758337.5, 90.0, 1.5);
(405962.5, 3758312.5, 90.0, 1.5);	(405962.5, 3758287.5, 90.0, 1.5);
(405962.5, 3758262.5, 90.0, 1.5);	(405962.5, 3758237.5, 89.2, 1.5);
(405962.5, 3758212.5, 89.1, 1.5);	(405962.5, 3758187.5, 89.0, 1.5);
(405962.5, 3758162.5, 89.0, 1.5);	(405962.5, 3758137.5, 88.3, 1.5);
(405987.5, 3758512.5, 92.8, 1.5);	(405987.5, 3758487.5, 92.0, 1.5);
(405987.5, 3758462.5, 91.3, 1.5);	(405987.5, 3758437.5, 91.0, 1.5);
(405987.5, 3758412.5, 91.0, 1.5);	(405987.5, 3758387.5, 91.0, 1.5);

Appendix B

NOx Peak Hour Emissions Mitigated

(405987.5, 3758362.5, 91.0, 1.5);	(405987.5, 3758337.5, 91.0, 1.5);
(405987.5, 3758312.5, 91.0, 1.5);	(405987.5, 3758287.5, 91.0, 1.5);
(405987.5, 3758262.5, 90.8, 1.5);	(405987.5, 3758237.5, 90.0, 1.5);
(405987.5, 3758212.5, 90.0, 1.5);	(405987.5, 3758187.5, 89.8, 1.5);
(405987.5, 3758162.5, 89.3, 1.5);	(405987.5, 3758137.5, 89.0, 1.5);
(406012.5, 3758512.5, 93.1, 1.5);	(406012.5, 3758487.5, 93.0, 1.5);
(406012.5, 3758462.5, 92.1, 1.5);	(406012.5, 3758437.5, 92.0, 1.5);
(406012.5, 3758412.5, 92.0, 1.5);	(406012.5, 3758387.5, 91.3, 1.5);
(406012.5, 3758362.5, 91.3, 1.5);	(406012.5, 3758337.5, 91.3, 1.5);
(406012.5, 3758312.5, 91.6, 1.5);	(406012.5, 3758287.5, 91.3, 1.5);
(406012.5, 3758262.5, 91.0, 1.5);	(406012.5, 3758237.5, 91.0, 1.5);
(406012.5, 3758212.5, 91.0, 1.5);	(406012.5, 3758187.5, 90.3, 1.5);
(406012.5, 3758162.5, 90.0, 1.5);	(406012.5, 3758137.5, 90.0, 1.5);
(406037.5, 3758512.5, 94.0, 1.5);	(406037.5, 3758487.5, 93.7, 1.5);
(406037.5, 3758462.5, 93.0, 1.5);	(406037.5, 3758437.5, 93.0, 1.5);
(406037.5, 3758412.5, 92.8, 1.5);	(406037.5, 3758387.5, 92.0, 1.5);
(406037.5, 3758362.5, 92.0, 1.5);	(406037.5, 3758337.5, 92.0, 1.5);
(406037.5, 3758312.5, 92.0, 1.5);	(406037.5, 3758287.5, 92.0, 1.5);
(406037.5, 3758262.5, 92.0, 1.5);	(406037.5, 3758237.5, 91.7, 1.5);
(406037.5, 3758212.5, 91.0, 1.5);	(406037.5, 3758187.5, 91.0, 1.5);
(406037.5, 3758162.5, 91.0, 1.5);	(406037.5, 3758137.5, 91.0, 1.5);
(406062.5, 3758512.5, 95.0, 1.5);	(406062.5, 3758487.5, 94.2, 1.5);
(406062.5, 3758462.5, 94.0, 1.5);	(406062.5, 3758437.5, 93.3, 1.5);
(406062.5, 3758412.5, 93.1, 1.5);	(406062.5, 3758387.5, 93.0, 1.5);
(406062.5, 3758362.5, 93.0, 1.5);	(406062.5, 3758337.5, 93.0, 1.5);
(406062.5, 3758312.5, 93.0, 1.5);	(406062.5, 3758287.5, 93.0, 1.5);
(406062.5, 3758262.5, 92.6, 1.5);	(406062.5, 3758237.5, 92.3, 1.5);
(406062.5, 3758212.5, 92.0, 1.5);	(406062.5, 3758187.5, 91.3, 1.5);
(406062.5, 3758162.5, 91.1, 1.5);	(406062.5, 3758137.5, 91.3, 1.5);
(406087.5, 3758512.5, 95.0, 1.5);	(406087.5, 3758487.5, 95.0, 1.5);

*** ICST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36
 **MODELOPTs: ** PAGE 12
 CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406087.5, 3758462.5, 94.9, 1.5);	(406087.5, 3758437.5, 94.0, 1.5);
(406087.5, 3758412.5, 94.0, 1.5);	(406087.5, 3758387.5, 94.0, 1.5);
(406087.5, 3758362.5, 94.0, 1.5);	(406087.5, 3758337.5, 93.8, 1.5);
(406087.5, 3758312.5, 93.8, 1.5);	(406087.5, 3758287.5, 93.7, 1.5);
(406087.5, 3758262.5, 93.0, 1.5);	(406087.5, 3758237.5, 93.0, 1.5);
(406087.5, 3758212.5, 92.8, 1.5);	(406087.5, 3758187.5, 92.0, 1.5);
(406087.5, 3758162.5, 92.0, 1.5);	(406087.5, 3758137.5, 92.0, 1.5);
(406112.5, 3758512.5, 96.0, 1.5);	(406112.5, 3758487.5, 96.0, 1.5);
(406112.5, 3758462.5, 95.1, 1.5);	(406112.5, 3758437.5, 95.0, 1.5);
(406112.5, 3758412.5, 95.0, 1.5);	(406112.5, 3758387.5, 94.2, 1.5);
(406112.5, 3758362.5, 94.2, 1.5);	(406112.5, 3758337.5, 94.2, 1.5);
(406112.5, 3758312.5, 94.0, 1.5);	(406112.5, 3758287.5, 94.0, 1.5);
(406112.5, 3758262.5, 94.0, 1.5);	(406112.5, 3758237.5, 94.0, 1.5);
(406112.5, 3758212.5, 93.3, 1.5);	(406112.5, 3758187.5, 93.3, 1.5);
(406112.5, 3758162.5, 93.0, 1.5);	(406112.5, 3758137.5, 93.0, 1.5);
(406137.5, 3758512.5, 97.0, 1.5);	(406137.5, 3758487.5, 96.0, 1.5);
(406137.5, 3758462.5, 96.0, 1.5);	(406137.5, 3758437.5, 95.7, 1.5);
(406137.5, 3758412.5, 95.0, 1.5);	(406137.5, 3758387.5, 95.0, 1.5);
(406137.5, 3758362.5, 95.0, 1.5);	(406137.5, 3758337.5, 95.0, 1.5);
(406137.5, 3758312.5, 95.0, 1.5);	(406137.5, 3758287.5, 95.0, 1.5);
(406137.5, 3758262.5, 94.8, 1.5);	(406137.5, 3758237.5, 94.8, 1.5);
(406137.5, 3758212.5, 94.3, 1.5);	(406137.5, 3758187.5, 94.0, 1.5);
(406137.5, 3758162.5, 94.0, 1.5);	(406137.5, 3758137.5, 94.0, 1.5);
(406162.5, 3758512.5, 97.6, 1.5);	(406162.5, 3758487.5, 97.0, 1.5);
(406162.5, 3758462.5, 96.6, 1.5);	(406162.5, 3758437.5, 96.0, 1.5);
(406162.5, 3758412.5, 96.0, 1.5);	(406162.5, 3758387.5, 96.0, 1.5);
(406162.5, 3758362.5, 95.3, 1.5);	(406162.5, 3758337.5, 95.3, 1.5);
(406162.5, 3758312.5, 95.1, 1.5);	(406162.5, 3758287.5, 95.0, 1.5);
(406162.5, 3758262.5, 95.0, 1.5);	(406162.5, 3758237.5, 95.0, 1.5);
(406162.5, 3758212.5, 95.0, 1.5);	(406162.5, 3758187.5, 95.0, 1.5);
(406162.5, 3758162.5, 95.0, 1.5);	(406162.5, 3758137.5, 95.0, 1.5);
(406187.5, 3758512.5, 98.0, 1.5);	(406187.5, 3758487.5, 97.7, 1.5);
(406187.5, 3758462.5, 97.0, 1.5);	(406187.5, 3758437.5, 97.0, 1.5);
(406187.5, 3758412.5, 96.9, 1.5);	(406187.5, 3758387.5, 96.7, 1.5);
(406187.5, 3758362.5, 96.0, 1.5);	(406187.5, 3758337.5, 96.0, 1.5);
(406187.5, 3758312.5, 96.0, 1.5);	(406187.5, 3758287.5, 96.0, 1.5);

Appendix B

NOx Peak Hour Emissions Mitigated

```
( 406187.5, 3758262.5, 96.0, 1.5); ( 406187.5, 3758237.5, 96.0, 1.5);
( 406187.5, 3758212.5, 96.0, 1.5); ( 406187.5, 3758187.5, 96.0, 1.5);
( 406187.5, 3758162.5, 95.8, 1.5); ( 406187.5, 3758137.5, 95.0, 1.5);
( 406212.5, 3758512.5, 99.0, 1.5); ( 406212.5, 3758487.5, 98.3, 1.5);
( 406212.5, 3758462.5, 98.0, 1.5); ( 406212.5, 3758437.5, 98.0, 1.5);
( 406212.5, 3758412.5, 97.3, 1.5); ( 406212.5, 3758387.5, 97.0, 1.5);
( 406212.5, 3758362.5, 97.3, 1.5); ( 406212.5, 3758337.5, 97.0, 1.5);
( 406212.5, 3758312.5, 97.0, 1.5); ( 406212.5, 3758287.5, 97.0, 1.5);
( 406212.5, 3758262.5, 97.0, 1.5); ( 406212.5, 3758237.5, 97.0, 1.5);
. *** ISCS T3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT ***
*** ANALYSIS PEAK HR NOx emissions mitigated ***
**MODELOPTs:
CONC URBAN ELEV FLGPOL NOCALM
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)
( 406212.5, 3758212.5, 97.0, 1.5); ( 406212.5, 3758187.5, 97.0, 1.5);
( 406212.5, 3758162.5, 96.6, 1.5); ( 406212.5, 3758137.5, 96.0, 1.5);
( 406237.5, 3758512.5, 100.3, 1.5); ( 406237.5, 3758487.5, 99.8, 1.5);
( 406237.5, 3758462.5, 99.0, 1.5); ( 406237.5, 3758437.5, 98.7, 1.5);
( 406237.5, 3758412.5, 98.0, 1.5); ( 406237.5, 3758387.5, 98.0, 1.5);
( 406237.5, 3758362.5, 98.0, 1.5); ( 406237.5, 3758337.5, 97.7, 1.5);
( 406237.5, 3758312.5, 97.7, 1.5); ( 406237.5, 3758287.5, 97.7, 1.5);
( 406237.5, 3758262.5, 97.7, 1.5); ( 406237.5, 3758237.5, 97.7, 1.5);
( 406237.5, 3758212.5, 98.0, 1.5); ( 406237.5, 3758187.5, 98.0, 1.5);
( 406237.5, 3758162.5, 97.0, 1.5); ( 406237.5, 3758137.5, 97.0, 1.5);
( 406262.5, 3758512.5, 101.6, 1.5); ( 406262.5, 3758487.5, 101.0, 1.5);
( 406262.5, 3758462.5, 100.2, 1.5); ( 406262.5, 3758437.5, 99.9, 1.5);
( 406262.5, 3758412.5, 99.1, 1.5); ( 406262.5, 3758387.5, 99.0, 1.5);
( 406262.5, 3758362.5, 99.0, 1.5); ( 406262.5, 3758337.5, 98.3, 1.5);
( 406262.5, 3758312.5, 98.0, 1.5); ( 406262.5, 3758287.5, 98.0, 1.5);
( 406262.5, 3758262.5, 98.1, 1.5); ( 406262.5, 3758237.5, 98.3, 1.5);
( 406262.5, 3758212.5, 98.0, 1.5); ( 406262.5, 3758187.5, 98.0, 1.5);
( 406262.5, 3758162.5, 98.0, 1.5); ( 406262.5, 3758137.5, 97.0, 1.5);
( 406287.5, 3758512.5, 102.4, 1.5); ( 406287.5, 3758487.5, 102.0, 1.5);
( 406287.5, 3758462.5, 101.3, 1.5); ( 406287.5, 3758437.5, 100.8, 1.5);
( 406287.5, 3758412.5, 100.3, 1.5); ( 406287.5, 3758387.5, 100.0, 1.5);
( 406287.5, 3758362.5, 99.9, 1.5); ( 406287.5, 3758337.5, 99.7, 1.5);
( 406287.5, 3758312.5, 99.0, 1.5); ( 406287.5, 3758287.5, 99.0, 1.5);
( 406287.5, 3758262.5, 99.0, 1.5); ( 406287.5, 3758237.5, 99.0, 1.5);
( 406287.5, 3758212.5, 99.0, 1.5); ( 406287.5, 3758187.5, 98.0, 1.5);
( 406287.5, 3758162.5, 98.0, 1.5); ( 406287.5, 3758137.5, 98.0, 1.5);
( 406312.5, 3758512.5, 103.1, 1.5); ( 406312.5, 3758487.5, 102.3, 1.5);
( 406312.5, 3758462.5, 102.0, 1.5); ( 406312.5, 3758437.5, 102.0, 1.5);
( 406312.5, 3758412.5, 101.3, 1.5); ( 406312.5, 3758387.5, 101.0, 1.5);
( 406312.5, 3758362.5, 101.0, 1.5); ( 406312.5, 3758337.5, 100.2, 1.5);
( 406312.5, 3758312.5, 100.0, 1.5); ( 406312.5, 3758287.5, 100.0, 1.5);
( 406312.5, 3758262.5, 100.0, 1.5); ( 406312.5, 3758237.5, 100.0, 1.5);
( 406312.5, 3758212.5, 99.1, 1.5); ( 406312.5, 3758187.5, 99.0, 1.5);
( 406312.5, 3758162.5, 98.3, 1.5); ( 406312.5, 3758137.5, 98.0, 1.5);
( 406337.5, 3758512.5, 104.0, 1.5); ( 406337.5, 3758487.5, 103.0, 1.5);
( 406337.5, 3758462.5, 102.9, 1.5); ( 406337.5, 3758437.5, 102.7, 1.5);
( 406337.5, 3758412.5, 102.0, 1.5); ( 406337.5, 3758387.5, 102.0, 1.5);
( 406337.5, 3758362.5, 101.9, 1.5); ( 406337.5, 3758337.5, 101.0, 1.5);
( 406337.5, 3758312.5, 101.0, 1.5); ( 406337.5, 3758287.5, 100.0, 1.5);
( 406337.5, 3758262.5, 100.0, 1.5); ( 406337.5, 3758237.5, 100.0, 1.5);
( 406337.5, 3758212.5, 99.5, 1.5); ( 406337.5, 3758187.5, 99.0, 1.5);
( 406337.5, 3758162.5, 99.0, 1.5); ( 406337.5, 3758137.5, 98.9, 1.5);
( 406362.5, 3758512.5, 104.6, 1.5); ( 406362.5, 3758487.5, 104.0, 1.5);
( 406362.5, 3758462.5, 104.0, 1.5); ( 406362.5, 3758437.5, 103.3, 1.5);
( 406362.5, 3758412.5, 103.1, 1.5); ( 406362.5, 3758387.5, 103.0, 1.5);
. *** ISCS T3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT ***
*** ANALYSIS PEAK HR NOx emissions mitigated ***
**MODELOPTs:
CONC URBAN ELEV FLGPOL NOCALM
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)
( 406362.5, 3758362.5, 102.0, 1.5); ( 406362.5, 3758337.5, 102.0, 1.5);
( 406362.5, 3758312.5, 102.0, 1.5); ( 406362.5, 3758287.5, 101.0, 1.5);
```

Appendix B

NOx Peak Hour Emissions Mitigated

(406362.5, 3758262.5, 101.0, 1.5);	(406362.5, 3758237.5, 100.0, 1.5);
(406362.5, 3758212.5, 99.3, 1.5);	(406362.5, 3758187.5, 99.0, 1.5);
(406362.5, 3758162.5, 98.8, 1.5);	(406362.5, 3758137.5, 98.7, 1.5);
(406387.5, 3758512.5, 105.0, 1.5);	(406387.5, 3758487.5, 105.0, 1.5);
(406387.5, 3758462.5, 104.8, 1.5);	(406387.5, 3758437.5, 104.0, 1.5);
(406387.5, 3758412.5, 104.0, 1.5);	(406387.5, 3758387.5, 103.0, 1.5);
(406387.5, 3758362.5, 103.0, 1.5);	(406387.5, 3758337.5, 102.7, 1.5);
(406387.5, 3758312.5, 102.0, 1.5);	(406387.5, 3758287.5, 102.0, 1.5);
(406387.5, 3758262.5, 101.0, 1.5);	(406387.5, 3758237.5, 100.0, 1.5);
(406387.5, 3758212.5, 99.0, 1.5);	(406387.5, 3758187.5, 98.2, 1.5);
(406387.5, 3758162.5, 98.0, 1.5);	(406387.5, 3758137.5, 98.0, 1.5);
(406412.5, 3758512.5, 106.0, 1.5);	(406412.5, 3758487.5, 105.0, 1.5);
(406412.5, 3758462.5, 105.0, 1.5);	(406412.5, 3758437.5, 105.0, 1.5);
(406412.5, 3758412.5, 104.1, 1.5);	(406412.5, 3758387.5, 104.0, 1.5);
(406412.5, 3758362.5, 103.6, 1.5);	(406412.5, 3758337.5, 103.0, 1.5);
(406412.5, 3758312.5, 102.6, 1.5);	(406412.5, 3758287.5, 102.0, 1.5);
(406412.5, 3758262.5, 100.8, 1.5);	(406412.5, 3758237.5, 99.0, 1.5);
(406412.5, 3758212.5, 98.3, 1.5);	(406412.5, 3758187.5, 98.0, 1.5);
(406412.5, 3758162.5, 98.0, 1.5);	(406412.5, 3758137.5, 98.0, 1.5);
(406437.5, 3758512.5, 106.3, 1.5);	(406437.5, 3758487.5, 106.0, 1.5);
(406437.5, 3758462.5, 105.3, 1.5);	(406437.5, 3758437.5, 105.0, 1.5);
(406437.5, 3758412.5, 105.0, 1.5);	(406437.5, 3758387.5, 104.7, 1.5);
(406437.5, 3758362.5, 104.0, 1.5);	(406437.5, 3758337.5, 104.0, 1.5);
(406437.5, 3758312.5, 103.0, 1.5);	(406437.5, 3758287.5, 102.0, 1.5);
(406437.5, 3758262.5, 100.0, 1.5);	(406437.5, 3758237.5, 98.2, 1.5);
(406437.5, 3758212.5, 98.0, 1.5);	(406437.5, 3758187.5, 98.0, 1.5);
(406437.5, 3758162.5, 98.0, 1.5);	(406437.5, 3758137.5, 98.0, 1.5);
(406462.5, 3758512.5, 107.0, 1.5);	(406462.5, 3758487.5, 106.0, 1.5);
(406462.5, 3758462.5, 106.0, 1.5);	(406462.5, 3758437.5, 105.2, 1.5);
(406462.5, 3758412.5, 105.0, 1.5);	(406462.5, 3758387.5, 105.0, 1.5);
(406462.5, 3758362.5, 104.6, 1.5);	(406462.5, 3758337.5, 104.0, 1.5);
(406462.5, 3758312.5, 103.6, 1.5);	(406462.5, 3758287.5, 102.3, 1.5);
(406462.5, 3758262.5, 99.3, 1.5);	(406462.5, 3758237.5, 98.0, 1.5);
(406462.5, 3758212.5, 98.0, 1.5);	(406462.5, 3758187.5, 98.3, 1.5);
(406462.5, 3758162.5, 98.6, 1.5);	(406462.5, 3758137.5, 99.2, 1.5);
(406487.5, 3758512.5, 107.9, 1.5);	(406487.5, 3758487.5, 107.0, 1.5);
(406487.5, 3758462.5, 106.0, 1.5);	(406487.5, 3758437.5, 106.0, 1.5);
(406487.5, 3758412.5, 105.0, 1.5);	(406487.5, 3758387.5, 105.0, 1.5);
(406487.5, 3758362.5, 105.0, 1.5);	(406487.5, 3758337.5, 104.0, 1.5);
(406487.5, 3758312.5, 104.0, 1.5);	(406487.5, 3758287.5, 103.0, 1.5);
(406487.5, 3758262.5, 98.5, 1.5);	(406487.5, 3758237.5, 98.0, 1.5);
(406487.5, 3758212.5, 98.9, 1.5);	(406487.5, 3758187.5, 99.8, 1.5);
(406487.5, 3758162.5, 100.0, 1.5);	(406487.5, 3758137.5, 100.8, 1.5);

* *** ISCST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11

MODELOPTs: * ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36

CONC URBAN ELEV FLGPOL NOCALM PAGE 15

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406512.5, 3758512.5, 108.0, 1.5);	(406512.5, 3758487.5, 107.0, 1.5);
(406512.5, 3758462.5, 106.0, 1.5);	(406512.5, 3758437.5, 105.0, 1.5);
(406512.5, 3758412.5, 105.0, 1.5);	(406512.5, 3758387.5, 105.0, 1.5);
(406512.5, 3758362.5, 104.3, 1.5);	(406512.5, 3758337.5, 104.0, 1.5);
(406512.5, 3758312.5, 103.2, 1.5);	(406512.5, 3758287.5, 100.9, 1.5);
(406512.5, 3758262.5, 98.0, 1.5);	(406512.5, 3758237.5, 98.6, 1.5);
(406512.5, 3758212.5, 101.9, 1.5);	(406512.5, 3758187.5, 102.0, 1.5);
(406512.5, 3758162.5, 102.0, 1.5);	(406512.5, 3758137.5, 102.0, 1.5);
(406537.5, 3758512.5, 108.4, 1.5);	(406537.5, 3758487.5, 107.0, 1.5);
(406537.5, 3758462.5, 106.0, 1.5);	(406537.5, 3758437.5, 105.0, 1.5);
(406537.5, 3758412.5, 105.0, 1.5);	(406537.5, 3758387.5, 104.2, 1.5);
(406537.5, 3758362.5, 103.6, 1.5);	(406537.5, 3758337.5, 103.0, 1.5);
(406537.5, 3758312.5, 102.4, 1.5);	(406537.5, 3758287.5, 101.7, 1.5);
(406537.5, 3758262.5, 102.0, 1.5);	(406537.5, 3758237.5, 104.7, 1.5);
(406537.5, 3758212.5, 103.8, 1.5);	(406537.5, 3758187.5, 103.0, 1.5);
(406537.5, 3758162.5, 102.4, 1.5);	(406537.5, 3758137.5, 102.0, 1.5);
(406562.5, 3758512.5, 108.6, 1.5);	(406562.5, 3758487.5, 107.0, 1.5);
(406562.5, 3758462.5, 105.8, 1.5);	(406562.5, 3758437.5, 105.0, 1.5);
(406562.5, 3758412.5, 104.0, 1.5);	(406562.5, 3758387.5, 103.0, 1.5);
(406562.5, 3758362.5, 103.0, 1.5);	(406562.5, 3758337.5, 103.0, 1.5);
(406562.5, 3758312.5, 103.3, 1.5);	(406562.5, 3758287.5, 104.0, 1.5);
(406562.5, 3758262.5, 104.6, 1.5);	(406562.5, 3758237.5, 105.0, 1.5);
(406562.5, 3758212.5, 104.2, 1.5);	(406562.5, 3758187.5, 104.0, 1.5);

Appendix B

NOx Peak Hour Emissions Mitigated

(406562.5, 3758162.5, 103.3, 1.5);	(406562.5, 3758137.5, 103.0, 1.5);
(406587.5, 3758512.5, 109.0, 1.5);	(406587.5, 3758487.5, 107.2, 1.5);
(406587.5, 3758462.5, 105.5, 1.5);	(406587.5, 3758437.5, 104.0, 1.5);
(406587.5, 3758412.5, 104.0, 1.5);	(406587.5, 3758387.5, 103.7, 1.5);
(406587.5, 3758362.5, 103.4, 1.5);	(406587.5, 3758337.5, 103.8, 1.5);
(406587.5, 3758312.5, 104.9, 1.5);	(406587.5, 3758287.5, 105.0, 1.5);
(406587.5, 3758262.5, 105.0, 1.5);	(406587.5, 3758237.5, 105.0, 1.5);
(406587.5, 3758212.5, 105.0, 1.5);	(406587.5, 3758187.5, 104.8, 1.5);
(406587.5, 3758162.5, 104.0, 1.5);	(406587.5, 3758137.5, 103.8, 1.5);
(406612.5, 3758512.5, 109.0, 1.5);	(406612.5, 3758487.5, 107.0, 1.5);
(406612.5, 3758462.5, 104.7, 1.5);	(406612.5, 3758437.5, 104.0, 1.5);
(406612.5, 3758412.5, 104.0, 1.5);	(406612.5, 3758387.5, 103.3, 1.5);
(406612.5, 3758362.5, 104.6, 1.5);	(406612.5, 3758337.5, 105.6, 1.5);
(406612.5, 3758312.5, 106.4, 1.5);	(406612.5, 3758287.5, 106.3, 1.5);
(406612.5, 3758262.5, 106.3, 1.5);	(406612.5, 3758237.5, 106.0, 1.5);
(406612.5, 3758212.5, 105.6, 1.5);	(406612.5, 3758187.5, 105.0, 1.5);
(406612.5, 3758162.5, 105.0, 1.5);	(406612.5, 3758137.5, 105.0, 1.5);
(406637.5, 3758512.5, 108.1, 1.5);	(406637.5, 3758487.5, 107.0, 1.5);
(406637.5, 3758462.5, 105.5, 1.5);	(406637.5, 3758437.5, 104.0, 1.5);
(406637.5, 3758412.5, 104.4, 1.5);	(406637.5, 3758387.5, 105.8, 1.5);
(406637.5, 3758362.5, 107.3, 1.5);	(406637.5, 3758337.5, 108.8, 1.5);
(406637.5, 3758312.5, 108.8, 1.5);	(406637.5, 3758287.5, 108.0, 1.5);

* *** ISCS T3 - VERSION 02035 *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions mitigated

*** 07/29/11
 *** 11:59:36
 *** PAGE 16

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406637.5, 3758262.5, 107.4, 1.5);	(406637.5, 3758237.5, 106.7, 1.5);
(406637.5, 3758212.5, 106.0, 1.5);	(406637.5, 3758187.5, 105.7, 1.5);
(406637.5, 3758162.5, 105.0, 1.5);	(406637.5, 3758137.5, 105.0, 1.5);
(406662.5, 3758512.5, 109.0, 1.5);	(406662.5, 3758487.5, 108.0, 1.5);
(406662.5, 3758462.5, 107.2, 1.5);	(406662.5, 3758437.5, 107.3, 1.5);
(406662.5, 3758412.5, 108.3, 1.5);	(406662.5, 3758387.5, 108.3, 1.5);
(406662.5, 3758362.5, 109.2, 1.5);	(406662.5, 3758337.5, 110.0, 1.5);
(406662.5, 3758312.5, 109.6, 1.5);	(406662.5, 3758287.5, 109.0, 1.5);
(406662.5, 3758262.5, 108.0, 1.5);	(406662.5, 3758237.5, 107.3, 1.5);
(406662.5, 3758212.5, 107.0, 1.5);	(406662.5, 3758187.5, 106.0, 1.5);
(406662.5, 3758162.5, 106.0, 1.5);	(406662.5, 3758137.5, 105.0, 1.5);
(406687.5, 3758512.5, 109.0, 1.5);	(406687.5, 3758487.5, 109.0, 1.5);
(406687.5, 3758462.5, 109.0, 1.5);	(406687.5, 3758437.5, 109.8, 1.5);
(406687.5, 3758412.5, 110.0, 1.5);	(406687.5, 3758387.5, 109.8, 1.5);
(406687.5, 3758362.5, 110.4, 1.5);	(406687.5, 3758337.5, 110.7, 1.5);
(406687.5, 3758312.5, 110.0, 1.5);	(406687.5, 3758287.5, 109.0, 1.5);
(406687.5, 3758262.5, 108.4, 1.5);	(406687.5, 3758237.5, 108.0, 1.5);
(406687.5, 3758212.5, 107.0, 1.5);	(406687.5, 3758187.5, 107.0, 1.5);
(406687.5, 3758162.5, 106.0, 1.5);	(406687.5, 3758137.5, 105.0, 1.5);
(406712.5, 3758512.5, 109.0, 1.5);	(406712.5, 3758487.5, 109.3, 1.5);
(406712.5, 3758462.5, 110.0, 1.5);	(406712.5, 3758437.5, 110.2, 1.5);
(406712.5, 3758412.5, 111.0, 1.5);	(406712.5, 3758387.5, 111.0, 1.5);
(406712.5, 3758362.5, 111.0, 1.5);	(406712.5, 3758337.5, 110.9, 1.5);
(406712.5, 3758312.5, 110.0, 1.5);	(406712.5, 3758287.5, 109.0, 1.5);
(406712.5, 3758262.5, 109.0, 1.5);	(406712.5, 3758237.5, 108.0, 1.5);
(406712.5, 3758212.5, 108.0, 1.5);	(406712.5, 3758187.5, 107.0, 1.5);
(406712.5, 3758162.5, 106.1, 1.5);	(406712.5, 3758137.5, 105.0, 1.5);
(406737.5, 3758512.5, 109.5, 1.5);	(406737.5, 3758487.5, 110.0, 1.5);
(406737.5, 3758462.5, 110.9, 1.5);	(406737.5, 3758437.5, 111.0, 1.5);
(406737.5, 3758412.5, 111.4, 1.5);	(406737.5, 3758387.5, 111.8, 1.5);
(406737.5, 3758362.5, 112.0, 1.5);	(406737.5, 3758337.5, 111.0, 1.5);
(406737.5, 3758312.5, 110.3, 1.5);	(406737.5, 3758287.5, 110.0, 1.5);
(406737.5, 3758262.5, 109.0, 1.5);	(406737.5, 3758237.5, 109.0, 1.5);
(406737.5, 3758212.5, 108.0, 1.5);	(406737.5, 3758187.5, 107.0, 1.5);
(406737.5, 3758162.5, 106.0, 1.5);	(406737.5, 3758137.5, 105.0, 1.5);
(406762.5, 3758512.5, 110.0, 1.5);	(406762.5, 3758487.5, 111.0, 1.5);
(406762.5, 3758462.5, 111.3, 1.5);	(406762.5, 3758437.5, 112.0, 1.5);
(406762.5, 3758412.5, 112.0, 1.5);	(406762.5, 3758387.5, 112.0, 1.5);
(406762.5, 3758362.5, 112.3, 1.5);	(406762.5, 3758337.5, 112.0, 1.5);
(406762.5, 3758312.5, 111.1, 1.5);	(406762.5, 3758287.5, 110.2, 1.5);
(406762.5, 3758262.5, 110.0, 1.5);	(406762.5, 3758237.5, 109.0, 1.5);
(406762.5, 3758212.5, 108.6, 1.5);	(406762.5, 3758187.5, 107.0, 1.5);
(406762.5, 3758162.5, 106.0, 1.5);	(406762.5, 3758137.5, 105.0, 1.5);
(406787.5, 3758512.5, 110.0, 1.5);	(406787.5, 3758487.5, 111.0, 1.5);

Appendix B

NOx Peak Hour Emissions Mitigated

(406787.5, 3758462.5, 112.0, 1.5); (406787.5, 3758437.5, 112.7, 1.5);

• *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions mitigated

*** 07/29/11
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**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406787.5, 3758412.5, 113.0, 1.5);	(406787.5, 3758387.5, 113.0, 1.5);
(406787.5, 3758362.5, 113.4, 1.5);	(406787.5, 3758337.5, 112.7, 1.5);
(406787.5, 3758312.5, 112.0, 1.5);	(406787.5, 3758287.5, 111.7, 1.5);
(406787.5, 3758262.5, 110.3, 1.5);	(406787.5, 3758237.5, 109.9, 1.5);
(406787.5, 3758212.5, 109.0, 1.5);	(406787.5, 3758187.5, 107.0, 1.5);
(406787.5, 3758162.5, 106.0, 1.5);	(406787.5, 3758137.5, 104.2, 1.5);
(406812.5, 3758512.5, 110.6, 1.5);	(406812.5, 3758487.5, 112.0, 1.5);
(406812.5, 3758462.5, 112.6, 1.5);	(406812.5, 3758437.5, 113.3, 1.5);
(406812.5, 3758412.5, 114.1, 1.5);	(406812.5, 3758387.5, 114.2, 1.5);
(406812.5, 3758362.5, 114.2, 1.5);	(406812.5, 3758337.5, 114.0, 1.5);
(406812.5, 3758312.5, 112.6, 1.5);	(406812.5, 3758287.5, 112.0, 1.5);
(406812.5, 3758262.5, 111.1, 1.5);	(406812.5, 3758237.5, 110.0, 1.5);
(406812.5, 3758212.5, 109.0, 1.5);	(406812.5, 3758187.5, 108.0, 1.5);
(406812.5, 3758162.5, 105.5, 1.5);	(406812.5, 3758137.5, 104.0, 1.5);
(406837.5, 3758512.5, 111.7, 1.5);	(406837.5, 3758487.5, 112.0, 1.5);
(406837.5, 3758462.5, 113.0, 1.5);	(406837.5, 3758437.5, 114.0, 1.5);
(406837.5, 3758412.5, 115.4, 1.5);	(406837.5, 3758387.5, 115.8, 1.5);
(406837.5, 3758362.5, 115.3, 1.5);	(406837.5, 3758337.5, 115.0, 1.5);
(406837.5, 3758312.5, 113.8, 1.5);	(406837.5, 3758287.5, 112.0, 1.5);
(406837.5, 3758262.5, 110.6, 1.5);	(406837.5, 3758237.5, 109.2, 1.5);
(406837.5, 3758212.5, 109.0, 1.5);	(406837.5, 3758187.5, 108.0, 1.5);
(406837.5, 3758162.5, 106.2, 1.5);	(406837.5, 3758137.5, 104.8, 1.5);
(406862.5, 3758512.5, 112.3, 1.5);	(406862.5, 3758487.5, 113.0, 1.5);
(406862.5, 3758462.5, 114.0, 1.5);	(406862.5, 3758437.5, 115.0, 1.5);
(406862.5, 3758412.5, 116.0, 1.5);	(406862.5, 3758387.5, 116.3, 1.5);
(406862.5, 3758362.5, 116.0, 1.5);	(406862.5, 3758337.5, 115.9, 1.5);
(406862.5, 3758312.5, 114.5, 1.5);	(406862.5, 3758287.5, 110.9, 1.5);
(406862.5, 3758262.5, 109.3, 1.5);	(406862.5, 3758237.5, 109.2, 1.5);
(406862.5, 3758212.5, 109.2, 1.5);	(406862.5, 3758187.5, 109.0, 1.5);
(406862.5, 3758162.5, 109.0, 1.5);	(406862.5, 3758137.5, 108.3, 1.5);
(406887.5, 3758512.5, 113.8, 1.5);	(406887.5, 3758487.5, 114.0, 1.5);
(406887.5, 3758462.5, 114.4, 1.5);	(406887.5, 3758437.5, 115.8, 1.5);
(406887.5, 3758412.5, 116.4, 1.5);	(406887.5, 3758387.5, 117.0, 1.5);
(406887.5, 3758362.5, 116.9, 1.5);	(406887.5, 3758337.5, 116.0, 1.5);
(406887.5, 3758312.5, 112.9, 1.5);	(406887.5, 3758287.5, 109.2, 1.5);
(406887.5, 3758262.5, 109.8, 1.5);	(406887.5, 3758237.5, 110.8, 1.5);
(406887.5, 3758212.5, 111.7, 1.5);	(406887.5, 3758187.5, 111.5, 1.5);
(406887.5, 3758162.5, 111.5, 1.5);	(406887.5, 3758137.5, 111.7, 1.5);
(406912.5, 3758512.5, 114.6, 1.5);	(406912.5, 3758487.5, 115.0, 1.5);
(406912.5, 3758462.5, 115.0, 1.5);	(406912.5, 3758437.5, 116.0, 1.5);
(406912.5, 3758412.5, 117.5, 1.5);	(406912.5, 3758387.5, 118.0, 1.5);
(406912.5, 3758362.5, 117.0, 1.5);	(406912.5, 3758337.5, 115.9, 1.5);
(406912.5, 3758312.5, 111.6, 1.5);	(406912.5, 3758287.5, 109.0, 1.5);
(406912.5, 3758262.5, 111.9, 1.5);	(406912.5, 3758237.5, 114.5, 1.5);
(406912.5, 3758212.5, 114.9, 1.5);	(406912.5, 3758187.5, 114.5, 1.5);

• *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions mitigated

*** 07/29/11
 *** 11:59:36
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**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406912.5, 3758162.5, 114.5, 1.5);	(406912.5, 3758137.5, 114.5, 1.5);
(406937.5, 3758512.5, 116.0, 1.5);	(406937.5, 3758487.5, 116.0, 1.5);
(406937.5, 3758462.5, 115.9, 1.5);	(406937.5, 3758437.5, 116.0, 1.5);
(406937.5, 3758412.5, 117.9, 1.5);	(406937.5, 3758387.5, 118.0, 1.5);
(406937.5, 3758362.5, 117.0, 1.5);	(406937.5, 3758337.5, 115.2, 1.5);
(406937.5, 3758312.5, 111.9, 1.5);	(406937.5, 3758287.5, 113.4, 1.5);
(406937.5, 3758262.5, 116.2, 1.5);	(406937.5, 3758237.5, 118.8, 1.5);
(406937.5, 3758212.5, 119.5, 1.5);	(406937.5, 3758187.5, 119.5, 1.5);
(406937.5, 3758162.5, 118.9, 1.5);	(406937.5, 3758137.5, 117.7, 1.5);
(406962.5, 3758512.5, 118.5, 1.5);	(406962.5, 3758487.5, 118.5, 1.5);

Appendix B

NOx Peak Hour Emissions Mitigated

Table with 8 columns: X, Y, Z, URBAN ELEV, FLGPOL, NOCALM, Emissions, Mitigated. Contains 20 rows of data for various coordinates and emission values.

*** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36
**MODELOPTs: PAGE 20
CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

Table with 8 columns: X, Y, Z, URBAN ELEV, FLGPOL, NOCALM, Emissions, Mitigated. Contains 60 rows of data for discrete Cartesian receptors.

*** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36
**MODELOPTs: PAGE 21
CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***

Appendix B

NOx Peak Hour Emissions Mitigated
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(407337.5, 3758212.5, 132.4, 1.5);	(407337.5, 3758187.5, 132.2, 1.5);
(407337.5, 3758162.5, 134.5, 1.5);	(407337.5, 3758137.5, 135.0, 1.5);
(407362.5, 3758512.5, 153.2, 1.5);	(407362.5, 3758487.5, 152.9, 1.5);
(407362.5, 3758462.5, 151.4, 1.5);	(407362.5, 3758437.5, 149.6, 1.5);
(407362.5, 3758412.5, 147.9, 1.5);	(407362.5, 3758387.5, 145.9, 1.5);
(407362.5, 3758362.5, 141.6, 1.5);	(407362.5, 3758337.5, 139.2, 1.5);
(407362.5, 3758312.5, 136.6, 1.5);	(407362.5, 3758287.5, 134.7, 1.5);
(407362.5, 3758262.5, 133.2, 1.5);	(407362.5, 3758237.5, 129.4, 1.5);
(407362.5, 3758212.5, 129.3, 1.5);	(407362.5, 3758187.5, 128.4, 1.5);
(407362.5, 3758162.5, 130.6, 1.5);	(407362.5, 3758137.5, 132.4, 1.5);
(407387.5, 3758512.5, 152.1, 1.5);	(407387.5, 3758487.5, 152.2, 1.5);
(407387.5, 3758462.5, 150.0, 1.5);	(407387.5, 3758437.5, 147.4, 1.5);
(407387.5, 3758412.5, 147.1, 1.5);	(407387.5, 3758387.5, 145.9, 1.5);
(407387.5, 3758362.5, 142.4, 1.5);	(407387.5, 3758337.5, 140.9, 1.5);
(407387.5, 3758312.5, 137.7, 1.5);	(407387.5, 3758287.5, 134.7, 1.5);
(407387.5, 3758262.5, 131.3, 1.5);	(407387.5, 3758237.5, 128.0, 1.5);
(407387.5, 3758212.5, 124.6, 1.5);	(407387.5, 3758187.5, 120.2, 1.5);
(407387.5, 3758162.5, 120.3, 1.5);	(407387.5, 3758137.5, 121.3, 1.5);
(407412.5, 3758512.5, 151.2, 1.5);	(407412.5, 3758487.5, 150.9, 1.5);
(407412.5, 3758462.5, 148.6, 1.5);	(407412.5, 3758437.5, 145.9, 1.5);
(407412.5, 3758412.5, 145.0, 1.5);	(407412.5, 3758387.5, 145.0, 1.5);
(407412.5, 3758362.5, 142.9, 1.5);	(407412.5, 3758337.5, 140.9, 1.5);
(407412.5, 3758312.5, 139.7, 1.5);	(407412.5, 3758287.5, 136.5, 1.5);
(407412.5, 3758262.5, 133.6, 1.5);	(407412.5, 3758237.5, 129.5, 1.5);
(407412.5, 3758212.5, 125.4, 1.5);	(407412.5, 3758187.5, 121.8, 1.5);
(407412.5, 3758162.5, 120.4, 1.5);	(407412.5, 3758137.5, 119.0, 1.5);
(407437.5, 3758512.5, 153.5, 1.5);	(407437.5, 3758487.5, 153.5, 1.5);
(407437.5, 3758462.5, 153.4, 1.5);	(407437.5, 3758437.5, 150.6, 1.5);
(407437.5, 3758412.5, 147.0, 1.5);	(407437.5, 3758387.5, 144.9, 1.5);
(407437.5, 3758362.5, 143.0, 1.5);	(407437.5, 3758337.5, 142.0, 1.5);
(407437.5, 3758312.5, 140.8, 1.5);	(407437.5, 3758287.5, 139.7, 1.5);
(407437.5, 3758262.5, 135.0, 1.5);	(407437.5, 3758237.5, 131.7, 1.5);
(407437.5, 3758212.5, 130.2, 1.5);	(407437.5, 3758187.5, 129.5, 1.5);
(407437.5, 3758162.5, 128.0, 1.5);	(407437.5, 3758137.5, 124.8, 1.5);
(407462.5, 3758512.5, 158.3, 1.5);	(407462.5, 3758487.5, 158.3, 1.5);
(407462.5, 3758462.5, 159.4, 1.5);	(407462.5, 3758437.5, 156.2, 1.5);
(407462.5, 3758412.5, 149.4, 1.5);	(407462.5, 3758387.5, 144.9, 1.5);
(407462.5, 3758362.5, 141.2, 1.5);	(407462.5, 3758337.5, 140.7, 1.5);
(407462.5, 3758312.5, 140.7, 1.5);	(407462.5, 3758287.5, 141.0, 1.5);
(407462.5, 3758262.5, 139.1, 1.5);	(407462.5, 3758237.5, 134.8, 1.5);
(407462.5, 3758212.5, 133.4, 1.5);	(407462.5, 3758187.5, 132.5, 1.5);
(407462.5, 3758162.5, 131.0, 1.5);	(407462.5, 3758137.5, 129.5, 1.5);
(407487.5, 3758512.5, 157.9, 1.5);	(407487.5, 3758487.5, 161.0, 1.5);
(407487.5, 3758462.5, 160.5, 1.5);	(407487.5, 3758437.5, 156.1, 1.5);
(407487.5, 3758412.5, 149.0, 1.5);	(407487.5, 3758387.5, 144.1, 1.5);

• *** ISCT3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36
 **MODELOPTs: NOCALM PAGE 22
 CONC URBAN ELEV FLGPOL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(407487.5, 3758362.5, 140.8, 1.5);	(407487.5, 3758337.5, 140.0, 1.5);
(407487.5, 3758312.5, 140.0, 1.5);	(407487.5, 3758287.5, 140.8, 1.5);
(407487.5, 3758262.5, 140.8, 1.5);	(407487.5, 3758237.5, 139.8, 1.5);
(407487.5, 3758212.5, 138.6, 1.5);	(407487.5, 3758187.5, 136.5, 1.5);
(407487.5, 3758162.5, 135.5, 1.5);	(407487.5, 3758137.5, 134.5, 1.5);
(407512.5, 3758512.5, 149.8, 1.5);	(407512.5, 3758487.5, 150.9, 1.5);
(407512.5, 3758462.5, 153.7, 1.5);	(407512.5, 3758437.5, 151.4, 1.5);
(407512.5, 3758412.5, 146.0, 1.5);	(407512.5, 3758387.5, 142.6, 1.5);
(407512.5, 3758362.5, 140.8, 1.5);	(407512.5, 3758337.5, 142.3, 1.5);
(407512.5, 3758312.5, 142.4, 1.5);	(407512.5, 3758287.5, 142.3, 1.5);
(407512.5, 3758262.5, 142.3, 1.5);	(407512.5, 3758237.5, 141.2, 1.5);
(407512.5, 3758212.5, 141.2, 1.5);	(407512.5, 3758187.5, 140.5, 1.5);
(407512.5, 3758162.5, 140.0, 1.5);	(407512.5, 3758137.5, 138.3, 1.5);
(407537.5, 3758512.5, 0.0, 1.5);	(407537.5, 3758487.5, 0.0, 1.5);
(407537.5, 3758462.5, 0.0, 1.5);	(407537.5, 3758437.5, 0.0, 1.5);
(407537.5, 3758412.5, 0.0, 1.5);	(407537.5, 3758387.5, 0.0, 1.5);
(407537.5, 3758362.5, 0.0, 1.5);	(407537.5, 3758337.5, 0.0, 1.5);
(407537.5, 3758312.5, 0.0, 1.5);	(407537.5, 3758287.5, 0.0, 1.5);

Appendix B

NOx Peak Hour Emissions Mitigated

Table with columns for coordinates and values, listing NOx emissions data for various locations like (407537.5, 3758212.5) with values 0.0 and 1.5.

*** ISCS3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT *** ANALYSIS PEAK HR NOx emissions mitigated

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**MODELOPTs:

CONC URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS *** (X-COORD, Y-COORD, ZELEV, ZFLAG) (METERS)

Table with columns for coordinates and values, listing discrete Cartesian receptors data for various locations like (407637.5, 3758512.5) with values 0.0 and 1.5.

Appendix B

NOx Peak Hour Emissions Mitigated

```
( 407737.5, 3758162.5, 0.0, 1.5); ( 407737.5, 3758137.5, 0.0, 1.5);
( 407762.5, 3758512.5, 0.0, 1.5); ( 407762.5, 3758487.5, 0.0, 1.5);
( 407762.5, 3758462.5, 0.0, 1.5); ( 407762.5, 3758437.5, 0.0, 1.5);
( 407762.5, 3758412.5, 0.0, 1.5); ( 407762.5, 3758387.5, 0.0, 1.5);
( 407762.5, 3758362.5, 0.0, 1.5); ( 407762.5, 3758337.5, 0.0, 1.5);
( 407762.5, 3758312.5, 0.0, 1.5); ( 407762.5, 3758287.5, 0.0, 1.5);
```

• *** IS CST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK HR NOx emissions mitigated

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**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

```
( 407762.5, 3758262.5, 0.0, 1.5); ( 407762.5, 3758237.5, 0.0, 1.5);
( 407762.5, 3758212.5, 0.0, 1.5); ( 407762.5, 3758187.5, 0.0, 1.5);
( 407762.5, 3758162.5, 0.0, 1.5); ( 407762.5, 3758137.5, 0.0, 1.5);
( 407787.5, 3758512.5, 0.0, 1.5); ( 407787.5, 3758487.5, 0.0, 1.5);
( 407787.5, 3758462.5, 0.0, 1.5); ( 407787.5, 3758437.5, 0.0, 1.5);
( 407787.5, 3758412.5, 0.0, 1.5); ( 407787.5, 3758387.5, 0.0, 1.5);
( 407787.5, 3758362.5, 0.0, 1.5); ( 407787.5, 3758337.5, 0.0, 1.5);
( 407787.5, 3758312.5, 0.0, 1.5); ( 407787.5, 3758287.5, 0.0, 1.5);
( 407787.5, 3758262.5, 0.0, 1.5); ( 407787.5, 3758237.5, 0.0, 1.5);
( 407787.5, 3758212.5, 0.0, 1.5); ( 407787.5, 3758187.5, 0.0, 1.5);
( 407787.5, 3758162.5, 0.0, 1.5); ( 407787.5, 3758137.5, 0.0, 1.5);
( 407812.5, 3758512.5, 0.0, 1.5); ( 407812.5, 3758487.5, 0.0, 1.5);
( 407812.5, 3758462.5, 0.0, 1.5); ( 407812.5, 3758437.5, 0.0, 1.5);
( 407812.5, 3758412.5, 0.0, 1.5); ( 407812.5, 3758387.5, 0.0, 1.5);
( 407812.5, 3758362.5, 0.0, 1.5); ( 407812.5, 3758337.5, 0.0, 1.5);
( 407812.5, 3758312.5, 0.0, 1.5); ( 407812.5, 3758287.5, 0.0, 1.5);
( 407812.5, 3758262.5, 0.0, 1.5); ( 407812.5, 3758237.5, 0.0, 1.5);
( 407812.5, 3758212.5, 0.0, 1.5); ( 407812.5, 3758187.5, 0.0, 1.5);
( 407812.5, 3758162.5, 0.0, 1.5); ( 407812.5, 3758137.5, 0.0, 1.5);
( 407837.5, 3758512.5, 0.0, 1.5); ( 407837.5, 3758487.5, 0.0, 1.5);
( 407837.5, 3758462.5, 0.0, 1.5); ( 407837.5, 3758437.5, 0.0, 1.5);
( 407837.5, 3758412.5, 0.0, 1.5); ( 407837.5, 3758387.5, 0.0, 1.5);
( 407837.5, 3758362.5, 0.0, 1.5); ( 407837.5, 3758337.5, 0.0, 1.5);
( 407837.5, 3758312.5, 0.0, 1.5); ( 407837.5, 3758287.5, 0.0, 1.5);
( 407837.5, 3758262.5, 0.0, 1.5); ( 407837.5, 3758237.5, 0.0, 1.5);
( 407837.5, 3758212.5, 0.0, 1.5); ( 407837.5, 3758187.5, 0.0, 1.5);
( 407837.5, 3758162.5, 0.0, 1.5); ( 407837.5, 3758137.5, 0.0, 1.5);
( 407862.5, 3758512.5, 0.0, 1.5); ( 407862.5, 3758487.5, 0.0, 1.5);
( 407862.5, 3758462.5, 0.0, 1.5); ( 407862.5, 3758437.5, 0.0, 1.5);
( 407862.5, 3758412.5, 0.0, 1.5); ( 407862.5, 3758387.5, 0.0, 1.5);
( 407862.5, 3758362.5, 0.0, 1.5); ( 407862.5, 3758337.5, 0.0, 1.5);
( 407862.5, 3758312.5, 0.0, 1.5); ( 407862.5, 3758287.5, 0.0, 1.5);
( 407862.5, 3758262.5, 0.0, 1.5); ( 407862.5, 3758237.5, 0.0, 1.5);
( 407862.5, 3758212.5, 0.0, 1.5); ( 407862.5, 3758187.5, 0.0, 1.5);
( 407862.5, 3758162.5, 0.0, 1.5); ( 407862.5, 3758137.5, 0.0, 1.5);
( 407887.5, 3758512.5, 0.0, 1.5); ( 407887.5, 3758487.5, 0.0, 1.5);
( 407887.5, 3758462.5, 0.0, 1.5); ( 407887.5, 3758437.5, 0.0, 1.5);
( 407887.5, 3758412.5, 0.0, 1.5); ( 407887.5, 3758387.5, 0.0, 1.5);
( 407887.5, 3758362.5, 0.0, 1.5); ( 407887.5, 3758337.5, 0.0, 1.5);
( 407887.5, 3758312.5, 0.0, 1.5); ( 407887.5, 3758287.5, 0.0, 1.5);
( 407887.5, 3758262.5, 0.0, 1.5); ( 407887.5, 3758237.5, 0.0, 1.5);
( 407887.5, 3758212.5, 0.0, 1.5); ( 407887.5, 3758187.5, 0.0, 1.5);
( 407887.5, 3758162.5, 0.0, 1.5); ( 407887.5, 3758137.5, 0.0, 1.5);
( 407912.5, 3758512.5, 0.0, 1.5); ( 407912.5, 3758487.5, 0.0, 1.5);
( 407912.5, 3758462.5, 0.0, 1.5); ( 407912.5, 3758437.5, 0.0, 1.5);
```

• *** IS CST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK HR NOx emissions mitigated

*** 07/29/11
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**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

```
( 407912.5, 3758412.5, 0.0, 1.5); ( 407912.5, 3758387.5, 0.0, 1.5);
( 407912.5, 3758362.5, 0.0, 1.5); ( 407912.5, 3758337.5, 0.0, 1.5);
( 407912.5, 3758312.5, 0.0, 1.5); ( 407912.5, 3758287.5, 0.0, 1.5);
( 407912.5, 3758262.5, 0.0, 1.5); ( 407912.5, 3758237.5, 0.0, 1.5);
( 407912.5, 3758212.5, 0.0, 1.5); ( 407912.5, 3758187.5, 0.0, 1.5);
```

Appendix B

NOx Peak Hour Emissions Mitigated

(407912.5, 3758162.5, 0.0, 1.5);	(407912.5, 3758137.5, 0.0, 1.5);
(407937.5, 3758512.5, 0.0, 1.5);	(407937.5, 3758487.5, 0.0, 1.5);
(407937.5, 3758462.5, 0.0, 1.5);	(407937.5, 3758437.5, 0.0, 1.5);
(407937.5, 3758412.5, 0.0, 1.5);	(407937.5, 3758387.5, 0.0, 1.5);
(407937.5, 3758362.5, 0.0, 1.5);	(407937.5, 3758337.5, 0.0, 1.5);
(407937.5, 3758312.5, 0.0, 1.5);	(407937.5, 3758287.5, 0.0, 1.5);
(407937.5, 3758262.5, 0.0, 1.5);	(407937.5, 3758237.5, 0.0, 1.5);
(407937.5, 3758212.5, 0.0, 1.5);	(407937.5, 3758187.5, 0.0, 1.5);
(407937.5, 3758162.5, 0.0, 1.5);	(407937.5, 3758137.5, 0.0, 1.5);
(407962.5, 3758512.5, 0.0, 1.5);	(407962.5, 3758487.5, 0.0, 1.5);
(407962.5, 3758462.5, 0.0, 1.5);	(407962.5, 3758437.5, 0.0, 1.5);
(407962.5, 3758412.5, 0.0, 1.5);	(407962.5, 3758387.5, 0.0, 1.5);
(407962.5, 3758362.5, 0.0, 1.5);	(407962.5, 3758337.5, 0.0, 1.5);
(407962.5, 3758312.5, 0.0, 1.5);	(407962.5, 3758287.5, 0.0, 1.5);
(407962.5, 3758262.5, 0.0, 1.5);	(407962.5, 3758237.5, 0.0, 1.5);
(407962.5, 3758212.5, 0.0, 1.5);	(407962.5, 3758187.5, 0.0, 1.5);
(407962.5, 3758162.5, 0.0, 1.5);	(407962.5, 3758137.5, 0.0, 1.5);
(407987.5, 3758512.5, 0.0, 1.5);	(407987.5, 3758487.5, 0.0, 1.5);
(407987.5, 3758462.5, 0.0, 1.5);	(407987.5, 3758437.5, 0.0, 1.5);
(407987.5, 3758412.5, 0.0, 1.5);	(407987.5, 3758387.5, 0.0, 1.5);
(407987.5, 3758362.5, 0.0, 1.5);	(407987.5, 3758337.5, 0.0, 1.5);
(407987.5, 3758312.5, 0.0, 1.5);	(407987.5, 3758287.5, 0.0, 1.5);
(407987.5, 3758262.5, 0.0, 1.5);	(407987.5, 3758237.5, 0.0, 1.5);
(407987.5, 3758212.5, 0.0, 1.5);	(407987.5, 3758187.5, 0.0, 1.5);
(407987.5, 3758162.5, 0.0, 1.5);	(407987.5, 3758137.5, 0.0, 1.5);
(408012.5, 3758512.5, 0.0, 1.5);	(408012.5, 3758487.5, 0.0, 1.5);
(408012.5, 3758462.5, 0.0, 1.5);	(408012.5, 3758437.5, 0.0, 1.5);
(408012.5, 3758412.5, 0.0, 1.5);	(408012.5, 3758387.5, 0.0, 1.5);
(408012.5, 3758362.5, 0.0, 1.5);	(408012.5, 3758337.5, 0.0, 1.5);
(408012.5, 3758312.5, 0.0, 1.5);	(408012.5, 3758287.5, 0.0, 1.5);
(408012.5, 3758262.5, 0.0, 1.5);	(408012.5, 3758237.5, 0.0, 1.5);
(408012.5, 3758212.5, 0.0, 1.5);	(408012.5, 3758187.5, 0.0, 1.5);
(408012.5, 3758162.5, 0.0, 1.5);	(408012.5, 3758137.5, 0.0, 1.5);
(408037.5, 3758512.5, 0.0, 1.5);	(408037.5, 3758487.5, 0.0, 1.5);
(408037.5, 3758462.5, 0.0, 1.5);	(408037.5, 3758437.5, 0.0, 1.5);
(408037.5, 3758412.5, 0.0, 1.5);	(408037.5, 3758387.5, 0.0, 1.5);
(408037.5, 3758362.5, 0.0, 1.5);	(408037.5, 3758337.5, 0.0, 1.5);
(408037.5, 3758312.5, 0.0, 1.5);	(408037.5, 3758287.5, 0.0, 1.5);
(408037.5, 3758262.5, 0.0, 1.5);	(408037.5, 3758237.5, 0.0, 1.5);
(408037.5, 3758212.5, 0.0, 1.5);	(408037.5, 3758187.5, 0.0, 1.5);

• *** ISCSST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions mitigated

*** 07/29/11
 *** 11:59:36
 *** PAGE 26

**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(408037.5, 3758162.5, 0.0, 1.5);	(408037.5, 3758137.5, 0.0, 1.5);
(408062.5, 3758512.5, 0.0, 1.5);	(408062.5, 3758487.5, 0.0, 1.5);
(408062.5, 3758462.5, 0.0, 1.5);	(408062.5, 3758437.5, 0.0, 1.5);
(408062.5, 3758412.5, 0.0, 1.5);	(408062.5, 3758387.5, 0.0, 1.5);
(408062.5, 3758362.5, 0.0, 1.5);	(408062.5, 3758337.5, 0.0, 1.5);
(408062.5, 3758312.5, 0.0, 1.5);	(408062.5, 3758287.5, 0.0, 1.5);
(408062.5, 3758262.5, 0.0, 1.5);	(408062.5, 3758237.5, 0.0, 1.5);
(408062.5, 3758212.5, 0.0, 1.5);	(408062.5, 3758187.5, 0.0, 1.5);
(408062.5, 3758162.5, 0.0, 1.5);	(408062.5, 3758137.5, 0.0, 1.5);
(408087.5, 3758512.5, 0.0, 1.5);	(408087.5, 3758487.5, 0.0, 1.5);
(408087.5, 3758462.5, 0.0, 1.5);	(408087.5, 3758437.5, 0.0, 1.5);
(408087.5, 3758412.5, 0.0, 1.5);	(408087.5, 3758387.5, 0.0, 1.5);
(408087.5, 3758362.5, 0.0, 1.5);	(408087.5, 3758337.5, 0.0, 1.5);
(408087.5, 3758312.5, 0.0, 1.5);	(408087.5, 3758287.5, 0.0, 1.5);
(408087.5, 3758262.5, 0.0, 1.5);	(408087.5, 3758237.5, 0.0, 1.5);
(408087.5, 3758212.5, 0.0, 1.5);	(408087.5, 3758187.5, 0.0, 1.5);
(408087.5, 3758162.5, 0.0, 1.5);	(408087.5, 3758137.5, 0.0, 1.5);
(408112.5, 3758512.5, 0.0, 1.5);	(408112.5, 3758487.5, 0.0, 1.5);
(408112.5, 3758462.5, 0.0, 1.5);	(408112.5, 3758437.5, 0.0, 1.5);
(408112.5, 3758412.5, 0.0, 1.5);	(408112.5, 3758387.5, 0.0, 1.5);
(408112.5, 3758362.5, 0.0, 1.5);	(408112.5, 3758337.5, 0.0, 1.5);
(408112.5, 3758312.5, 0.0, 1.5);	(408112.5, 3758287.5, 0.0, 1.5);
(408112.5, 3758262.5, 0.0, 1.5);	(408112.5, 3758237.5, 0.0, 1.5);
(408112.5, 3758212.5, 0.0, 1.5);	(408112.5, 3758187.5, 0.0, 1.5);
(408112.5, 3758162.5, 0.0, 1.5);	(408112.5, 3758137.5, 0.0, 1.5);
(405962.5, 3758562.5, 93.0, 1.5);	(406012.5, 3758562.5, 94.6, 1.5);

Appendix B

NOx Peak Hour Emissions Mitigated

(406062.5, 3758562.5, 95.6, 1.5);	(406112.5, 3758562.5, 97.0, 1.5);		
(406162.5, 3758562.5, 98.3, 1.5);	(406212.5, 3758562.5, 100.1, 1.5);		
(406262.5, 3758562.5, 102.3, 1.5);	(406312.5, 3758562.5, 104.1, 1.5);		
(406362.5, 3758562.5, 105.2, 1.5);	(406412.5, 3758562.5, 107.0, 1.5);		
(406462.5, 3758562.5, 108.1, 1.5);	(405962.5, 3760012.5, 228.9, 1.5);		
(405962.5, 3759962.5, 226.7, 1.5);	(405962.5, 3759912.5, 220.6, 1.5);		
(405962.5, 3759862.5, 203.9, 1.5);	(405962.5, 3759812.5, 193.4, 1.5);		
(405962.5, 3759762.5, 189.1, 1.5);	(405962.5, 3759712.5, 171.9, 1.5);		
(405962.5, 3759662.5, 164.7, 1.5);	(405962.5, 3759612.5, 159.7, 1.5);		
(405962.5, 3759562.5, 157.0, 1.5);	(405962.5, 3759512.5, 160.4, 1.5);		
(405962.5, 3759462.5, 159.7, 1.5);	(405962.5, 3759412.5, 153.9, 1.5);		
(405962.5, 3759362.5, 143.8, 1.5);	(405962.5, 3759312.5, 134.1, 1.5);		
(405962.5, 3759262.5, 124.2, 1.5);	(405962.5, 3759212.5, 116.4, 1.5);		
(405962.5, 3759162.5, 114.5, 1.5);	(405962.5, 3759112.5, 112.4, 1.5);		
(405962.5, 3759062.5, 110.0, 1.5);	(405962.5, 3759012.5, 108.6, 1.5);		
(405962.5, 3758962.5, 107.3, 1.5);	(405962.5, 3758912.5, 105.1, 1.5);		
(405962.5, 3758862.5, 103.6, 1.5);	(405962.5, 3758812.5, 102.0, 1.5);		
(405962.5, 3758762.5, 99.6, 1.5);	(405962.5, 3758712.5, 98.0, 1.5);		
(405962.5, 3758662.5, 96.1, 1.5);	(405962.5, 3758612.5, 95.0, 1.5);		
* *** ISCST3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT	***	07/29/11
MODELOPTs:	* ANALYSIS PEAK HR NOx emissions mitigated	***	11:59:36
CONC	URBAN ELEV FLGPOL	NOCALM	PAGE 27
*** DISCRETE CARTESIAN RECEPTORS ***			
(X-COORD, Y-COORD, ZELEV, ZFLAG)			
(METERS)			
(406012.5, 3760012.5, 227.1, 1.5);	(406012.5, 3759962.5, 216.2, 1.5);		
(406012.5, 3759912.5, 200.3, 1.5);	(406012.5, 3759862.5, 198.9, 1.5);		
(406012.5, 3759812.5, 192.1, 1.5);	(406012.5, 3759762.5, 189.3, 1.5);		
(406012.5, 3759712.5, 185.9, 1.5);	(406012.5, 3759662.5, 166.7, 1.5);		
(406012.5, 3759612.5, 163.4, 1.5);	(406012.5, 3759562.5, 160.7, 1.5);		
(406012.5, 3759512.5, 160.8, 1.5);	(406012.5, 3759462.5, 155.5, 1.5);		
(406012.5, 3759412.5, 147.6, 1.5);	(406012.5, 3759362.5, 141.4, 1.5);		
(406012.5, 3759312.5, 133.4, 1.5);	(406012.5, 3759262.5, 127.0, 1.5);		
(406012.5, 3759212.5, 116.9, 1.5);	(406012.5, 3759162.5, 116.0, 1.5);		
(406012.5, 3759112.5, 114.1, 1.5);	(406012.5, 3759062.5, 111.6, 1.5);		
(406012.5, 3759012.5, 109.6, 1.5);	(406012.5, 3758962.5, 109.1, 1.5);		
(406012.5, 3758912.5, 107.1, 1.5);	(406012.5, 3758862.5, 104.5, 1.5);		
(406012.5, 3758812.5, 102.6, 1.5);	(406012.5, 3758762.5, 101.1, 1.5);		
(406012.5, 3758712.5, 99.0, 1.5);	(406012.5, 3758662.5, 97.0, 1.5);		
(406012.5, 3758612.5, 95.6, 1.5);	(406062.5, 3760012.5, 211.4, 1.5);		
(406062.5, 3759812.5, 167.0, 1.5);	(406062.5, 3759762.5, 164.6, 1.5);		
(406062.5, 3759712.5, 168.0, 1.5);	(406062.5, 3759662.5, 160.9, 1.5);		
(406062.5, 3759612.5, 160.0, 1.5);	(406062.5, 3759562.5, 151.0, 1.5);		
(406062.5, 3759512.5, 143.5, 1.5);	(406062.5, 3759462.5, 141.4, 1.5);		
(406062.5, 3759412.5, 136.6, 1.5);	(406062.5, 3759362.5, 131.2, 1.5);		
(406062.5, 3759312.5, 129.1, 1.5);	(406062.5, 3759262.5, 120.6, 1.5);		
(406062.5, 3759212.5, 119.6, 1.5);	(406062.5, 3759162.5, 118.0, 1.5);		
(406062.5, 3759112.5, 116.0, 1.5);	(406062.5, 3759062.5, 114.0, 1.5);		
(406062.5, 3759012.5, 112.3, 1.5);	(406062.5, 3758962.5, 111.0, 1.5);		
(406062.5, 3758912.5, 108.6, 1.5);	(406062.5, 3758862.5, 106.3, 1.5);		
(406062.5, 3758812.5, 104.5, 1.5);	(406062.5, 3758762.5, 102.1, 1.5);		
(406062.5, 3758712.5, 100.1, 1.5);	(406062.5, 3758662.5, 98.1, 1.5);		
(406062.5, 3758612.5, 97.0, 1.5);	(406112.5, 3760012.5, 187.6, 1.5);		
(406112.5, 3759812.5, 147.9, 1.5);	(406112.5, 3759762.5, 147.3, 1.5);		
(406112.5, 3759712.5, 145.7, 1.5);	(406112.5, 3759662.5, 143.9, 1.5);		
(406112.5, 3759612.5, 143.0, 1.5);	(406112.5, 3759562.5, 142.0, 1.5);		
(406112.5, 3759512.5, 140.7, 1.5);	(406112.5, 3759462.5, 131.5, 1.5);		
(406112.5, 3759412.5, 128.7, 1.5);	(406112.5, 3759362.5, 127.5, 1.5);		
(406112.5, 3759312.5, 127.3, 1.5);	(406112.5, 3759262.5, 125.7, 1.5);		
(406112.5, 3759212.5, 122.1, 1.5);	(406112.5, 3759162.5, 120.1, 1.5);		
(406112.5, 3759112.5, 118.1, 1.5);	(406112.5, 3759062.5, 116.0, 1.5);		
(406112.5, 3759012.5, 115.0, 1.5);	(406112.5, 3758962.5, 112.6, 1.5);		
(406112.5, 3758912.5, 110.6, 1.5);	(406112.5, 3758862.5, 108.6, 1.5);		
(406112.5, 3758812.5, 106.0, 1.5);	(406112.5, 3758762.5, 103.6, 1.5);		
(406112.5, 3758712.5, 101.6, 1.5);	(406112.5, 3758662.5, 99.6, 1.5);		
(406112.5, 3758612.5, 98.0, 1.5);	(406162.5, 3760012.5, 159.1, 1.5);		
(406162.5, 3759812.5, 152.2, 1.5);	(406162.5, 3759462.5, 135.8, 1.5);		
(406162.5, 3759412.5, 139.3, 1.5);	(406162.5, 3759362.5, 137.3, 1.5);		
(406162.5, 3759312.5, 136.2, 1.5);	(406162.5, 3759262.5, 128.6, 1.5);		
(406162.5, 3759212.5, 124.6, 1.5);	(406162.5, 3759162.5, 122.1, 1.5);		
* *** ISCST3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT	***	07/29/11
MODELOPTs:	* ANALYSIS PEAK HR NOx emissions mitigated	***	11:59:36

Appendix B

NOx Peak Hour Emissions Mitigated

**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406162.5, 3759112.5, 120.0, 1.5);	(406162.5, 3759062.5, 118.0, 1.5);
(406162.5, 3759012.5, 116.6, 1.5);	(406162.5, 3758962.5, 115.1, 1.5);
(406162.5, 3758912.5, 112.0, 1.5);	(406162.5, 3758862.5, 110.0, 1.5);
(406162.5, 3758812.5, 107.4, 1.5);	(406162.5, 3758762.5, 104.6, 1.5);
(406162.5, 3758712.5, 102.4, 1.5);	(406162.5, 3758662.5, 101.0, 1.5);
(406162.5, 3758612.5, 99.2, 1.5);	(406212.5, 3759412.5, 147.3, 1.5);
(406212.5, 3759362.5, 144.6, 1.5);	(406212.5, 3759312.5, 138.4, 1.5);
(406212.5, 3759262.5, 132.1, 1.5);	(406212.5, 3759212.5, 126.6, 1.5);
(406212.5, 3759162.5, 123.6, 1.5);	(406212.5, 3759112.5, 121.6, 1.5);
(406212.5, 3759062.5, 120.0, 1.5);	(406212.5, 3759012.5, 117.6, 1.5);
(406212.5, 3758962.5, 116.0, 1.5);	(406212.5, 3758912.5, 113.1, 1.5);
(406212.5, 3758862.5, 110.6, 1.5);	(406212.5, 3758812.5, 108.4, 1.5);
(406212.5, 3758762.5, 105.1, 1.5);	(406212.5, 3758712.5, 103.1, 1.5);
(406212.5, 3758662.5, 102.0, 1.5);	(406212.5, 3758612.5, 101.1, 1.5);
(406262.5, 3759412.5, 152.2, 1.5);	(406262.5, 3759362.5, 144.2, 1.5);
(406262.5, 3759312.5, 138.1, 1.5);	(406262.5, 3759262.5, 134.1, 1.5);
(406262.5, 3759212.5, 128.4, 1.5);	(406262.5, 3759162.5, 125.5, 1.5);
(406262.5, 3759112.5, 123.0, 1.5);	(406262.5, 3759062.5, 121.0, 1.5);
(406262.5, 3759012.5, 118.0, 1.5);	(406262.5, 3758962.5, 116.0, 1.5);
(406262.5, 3758912.5, 113.4, 1.5);	(406262.5, 3758862.5, 110.5, 1.5);
(406262.5, 3758812.5, 108.4, 1.5);	(406262.5, 3758762.5, 106.0, 1.5);
(406262.5, 3758712.5, 104.6, 1.5);	(406262.5, 3758662.5, 103.1, 1.5);
(406262.5, 3758612.5, 102.6, 1.5);	(406312.5, 3759412.5, 155.0, 1.5);
(406312.5, 3759362.5, 149.0, 1.5);	(406312.5, 3759312.5, 139.7, 1.5);
(406312.5, 3759262.5, 135.5, 1.5);	(406312.5, 3759212.5, 130.5, 1.5);
(406312.5, 3759162.5, 126.6, 1.5);	(406312.5, 3759112.5, 123.4, 1.5);
(406312.5, 3759062.5, 121.0, 1.5);	(406312.5, 3759012.5, 118.4, 1.5);
(406312.5, 3758962.5, 115.5, 1.5);	(406312.5, 3758912.5, 113.0, 1.5);
(406312.5, 3758862.5, 111.0, 1.5);	(406312.5, 3758812.5, 109.0, 1.5);
(406312.5, 3758762.5, 107.0, 1.5);	(406312.5, 3758712.5, 105.1, 1.5);
(406312.5, 3758662.5, 104.6, 1.5);	(406312.5, 3758612.5, 104.2, 1.5);
(406362.5, 3759412.5, 148.7, 1.5);	(406362.5, 3759362.5, 146.9, 1.5);
(406362.5, 3759312.5, 139.4, 1.5);	(406362.5, 3759262.5, 134.3, 1.5);
(406362.5, 3759212.5, 131.0, 1.5);	(406362.5, 3759162.5, 127.1, 1.5);
(406362.5, 3759112.5, 124.1, 1.5);	(406362.5, 3759062.5, 121.4, 1.5);
(406362.5, 3759012.5, 118.6, 1.5);	(406362.5, 3758962.5, 116.0, 1.5);
(406362.5, 3758912.5, 113.4, 1.5);	(406362.5, 3758862.5, 110.3, 1.5);
(406362.5, 3758812.5, 108.7, 1.5);	(406362.5, 3758762.5, 107.6, 1.5);
(406362.5, 3758712.5, 107.0, 1.5);	(406362.5, 3758662.5, 106.6, 1.5);
(406362.5, 3758612.5, 106.0, 1.5);	(406412.5, 3759312.5, 138.0, 1.5);
(406412.5, 3759262.5, 135.0, 1.5);	(406412.5, 3759212.5, 131.6, 1.5);
(406412.5, 3759162.5, 127.4, 1.5);	(406412.5, 3759112.5, 124.4, 1.5);
(406412.5, 3759062.5, 121.8, 1.5);	(406412.5, 3759012.5, 119.5, 1.5);
(406412.5, 3758962.5, 116.4, 1.5);	(406412.5, 3758912.5, 113.4, 1.5);
(406412.5, 3758862.5, 109.3, 1.5);	(406412.5, 3758812.5, 108.6, 1.5);

• *** ISCSST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

07/29/11

*** ANALYSIS PEAK HR NOx emissions mitigated

11:59:36

**MODELOPTs:

URBAN ELEV FLGPOL

NOCALM

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406412.5, 3758762.5, 108.6, 1.5);	(406412.5, 3758712.5, 109.0, 1.5);
(406412.5, 3758662.5, 109.0, 1.5);	(406412.5, 3758612.5, 108.0, 1.5);
(406462.5, 3759312.5, 138.0, 1.5);	(406462.5, 3759262.5, 135.1, 1.5);
(406462.5, 3759212.5, 131.4, 1.5);	(406462.5, 3759162.5, 127.4, 1.5);
(406462.5, 3759112.5, 124.4, 1.5);	(406462.5, 3759062.5, 121.0, 1.5);
(406462.5, 3759012.5, 119.5, 1.5);	(406462.5, 3758962.5, 117.1, 1.5);
(406462.5, 3758912.5, 114.7, 1.5);	(406462.5, 3758862.5, 110.2, 1.5);
(406462.5, 3758812.5, 109.6, 1.5);	(406462.5, 3758762.5, 110.6, 1.5);
(406462.5, 3758712.5, 110.6, 1.5);	(406462.5, 3758662.5, 110.0, 1.5);
(406462.5, 3758612.5, 109.0, 1.5);	(406512.5, 3759262.5, 136.0, 1.5);
(406512.5, 3759212.5, 132.1, 1.5);	(406512.5, 3759162.5, 127.4, 1.5);
(406512.5, 3759112.5, 125.0, 1.5);	(406512.5, 3759062.5, 122.6, 1.5);
(406512.5, 3759012.5, 120.1, 1.5);	(406512.5, 3758962.5, 117.3, 1.5);

Appendix B

NOx Peak Hour Emissions Mitigated

(406512.5, 3758912.5, 115.5, 1.5);	(406512.5, 3758862.5, 113.3, 1.5);
(406512.5, 3758812.5, 114.2, 1.5);	(406512.5, 3758762.5, 113.6, 1.5);
(406512.5, 3758712.5, 113.0, 1.5);	(406512.5, 3758662.5, 112.0, 1.5);
(406512.5, 3758612.5, 110.6, 1.5);	(406537.5, 3758562.5, 110.0, 1.5);
(406562.5, 3759262.5, 137.4, 1.5);	(406562.5, 3759212.5, 133.6, 1.5);
(406562.5, 3759162.5, 129.7, 1.5);	(406562.5, 3759112.5, 126.6, 1.5);
(406562.5, 3759062.5, 124.0, 1.5);	(406562.5, 3759012.5, 121.4, 1.5);
(406562.5, 3758962.5, 116.7, 1.5);	(406562.5, 3758912.5, 116.3, 1.5);
(406562.5, 3758862.5, 117.3, 1.5);	(406562.5, 3758812.5, 117.0, 1.5);
(406562.5, 3758762.5, 116.0, 1.5);	(406562.5, 3758712.5, 115.0, 1.5);
(406562.5, 3758662.5, 113.6, 1.5);	(406562.5, 3758612.5, 112.0, 1.5);
(406587.5, 3758562.5, 110.5, 1.5);	(406612.5, 3759212.5, 136.4, 1.5);
(406612.5, 3759162.5, 132.6, 1.5);	(406612.5, 3759112.5, 128.6, 1.5);
(406612.5, 3759062.5, 125.5, 1.5);	(406612.5, 3759012.5, 121.4, 1.5);
(406612.5, 3758962.5, 121.1, 1.5);	(406612.5, 3758912.5, 121.1, 1.5);
(406612.5, 3758862.5, 120.6, 1.5);	(406612.5, 3758812.5, 119.1, 1.5);
(406612.5, 3758762.5, 117.4, 1.5);	(406612.5, 3758712.5, 116.1, 1.5);
(406612.5, 3758662.5, 114.5, 1.5);	(406637.5, 3758562.5, 110.0, 1.5);
(406662.5, 3759162.5, 133.4, 1.5);	(406662.5, 3759112.5, 128.8, 1.5);
(406662.5, 3759062.5, 127.1, 1.5);	(406662.5, 3759012.5, 124.2, 1.5);
(406662.5, 3758962.5, 124.8, 1.5);	(406662.5, 3758912.5, 124.1, 1.5);
(406662.5, 3758862.5, 122.6, 1.5);	(406662.5, 3758812.5, 120.5, 1.5);
(406662.5, 3758762.5, 118.0, 1.5);	(406662.5, 3758712.5, 116.0, 1.5);
(406687.5, 3758562.5, 111.2, 1.5);	(406712.5, 3759162.5, 133.4, 1.5);
(406712.5, 3759112.5, 130.2, 1.5);	(406712.5, 3759062.5, 132.9, 1.5);
(406712.5, 3759012.5, 130.1, 1.5);	(406712.5, 3758962.5, 129.0, 1.5);
(406712.5, 3758912.5, 125.5, 1.5);	(406712.5, 3758862.5, 122.3, 1.5);
(406712.5, 3758612.5, 115.6, 1.5);	(406737.5, 3758562.5, 112.0, 1.5);
(406762.5, 3759062.5, 139.6, 1.5);	(406762.5, 3759012.5, 133.6, 1.5);
(406762.5, 3758962.5, 129.4, 1.5);	(406762.5, 3758912.5, 124.9, 1.5);
(406762.5, 3758662.5, 118.8, 1.5);	(406762.5, 3758612.5, 115.3, 1.5);
(406787.5, 3758562.5, 112.9, 1.5);	(406812.5, 3759012.5, 135.9, 1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions mitigated

*** 07/29/11
 *** 11:59:36
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**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406812.5, 3758962.5, 129.2, 1.5);	(406812.5, 3758712.5, 122.1, 1.5);
(406812.5, 3758662.5, 119.6, 1.5);	(406812.5, 3758612.5, 117.0, 1.5);
(406837.5, 3758562.5, 109.0, 1.5);	(406862.5, 3758762.5, 124.6, 1.5);
(406862.5, 3758712.5, 123.0, 1.5);	(406862.5, 3758662.5, 120.0, 1.5);
(406862.5, 3758612.5, 115.2, 1.5);	(406887.5, 3758562.5, 115.1, 1.5);
(406912.5, 3758762.5, 125.5, 1.5);	(406912.5, 3758712.5, 121.8, 1.5);
(406912.5, 3758662.5, 118.4, 1.5);	(406912.5, 3758612.5, 112.7, 1.5);
(406937.5, 3758562.5, 116.4, 1.5);	(406962.5, 3758762.5, 125.5, 1.5);
(406962.5, 3758712.5, 121.4, 1.5);	(406962.5, 3758662.5, 117.4, 1.5);
(406962.5, 3758612.5, 116.0, 1.5);	(406987.5, 3758562.5, 119.9, 1.5);
(407012.5, 3758712.5, 122.2, 1.5);	(407012.5, 3758662.5, 115.5, 1.5);
(407012.5, 3758612.5, 117.5, 1.5);	(407037.5, 3758562.5, 121.9, 1.5);
(407062.5, 3758662.5, 115.1, 1.5);	(407062.5, 3758612.5, 120.9, 1.5);
(407087.5, 3758562.5, 124.0, 1.5);	(407112.5, 3758662.5, 120.9, 1.5);
(407112.5, 3758612.5, 124.2, 1.5);	(407137.5, 3758562.5, 127.0, 1.5);
(407162.5, 3758662.5, 128.3, 1.5);	(407162.5, 3758612.5, 127.0, 1.5);
(407187.5, 3758562.5, 134.0, 1.5);	(407212.5, 3758662.5, 132.7, 1.5);
(407212.5, 3758612.5, 134.5, 1.5);	(407237.5, 3758562.5, 139.5, 1.5);
(407262.5, 3758662.5, 137.3, 1.5);	(407262.5, 3758612.5, 137.3, 1.5);
(407287.5, 3758562.5, 140.1, 1.5);	(407312.5, 3758662.5, 142.3, 1.5);
(407312.5, 3758612.5, 141.2, 1.5);	(407337.5, 3758562.5, 144.9, 1.5);
(407362.5, 3758662.5, 147.6, 1.5);	(407362.5, 3758612.5, 146.2, 1.5);
(407387.5, 3758562.5, 149.1, 1.5);	(407412.5, 3758662.5, 151.6, 1.5);
(407412.5, 3758612.5, 152.6, 1.5);	(407437.5, 3758562.5, 154.5, 1.5);
(407462.5, 3758662.5, 153.8, 1.5);	(407462.5, 3758612.5, 154.2, 1.5);
(407487.5, 3758562.5, 152.9, 1.5);	(407512.5, 3758662.5, 147.4, 1.5);
(407512.5, 3758612.5, 145.4, 1.5);	(407537.5, 3758562.5, 0.0, 1.5);
(407562.5, 3758662.5, 0.0, 1.5);	(407562.5, 3758612.5, 0.0, 1.5);
(407587.5, 3758562.5, 0.0, 1.5);	(407612.5, 3758662.5, 0.0, 1.5);
(407612.5, 3758612.5, 0.0, 1.5);	(407637.5, 3758562.5, 0.0, 1.5);
(407662.5, 3758612.5, 0.0, 1.5);	(407687.5, 3758562.5, 0.0, 1.5);
(407712.5, 3758612.5, 0.0, 1.5);	(407737.5, 3758562.5, 0.0, 1.5);
(407762.5, 3758612.5, 0.0, 1.5);	(407787.5, 3758562.5, 0.0, 1.5);
(407812.5, 3758612.5, 0.0, 1.5);	(407837.5, 3758562.5, 0.0, 1.5);

Appendix B

NOx Peak Hour Emissions Mitigated

(407862.5, 3758612.5, 0.0, 1.5);	(407887.5, 3758562.5, 0.0, 1.5);
(407912.5, 3758612.5, 0.0, 1.5);	(407937.5, 3758562.5, 0.0, 1.5);
(407962.5, 3758612.5, 0.0, 1.5);	(407987.5, 3758562.5, 0.0, 1.5);
(408012.5, 3758612.5, 0.0, 1.5);	(408037.5, 3758562.5, 0.0, 1.5);
(408062.5, 3758612.5, 0.0, 1.5);	(408087.5, 3758562.5, 0.0, 1.5);
(408112.5, 3758612.5, 0.0, 1.5);	(405962.5, 3758537.5, 92.3, 1.5);
(405987.5, 3758562.5, 93.8, 1.5);	(406037.5, 3758562.5, 95.0, 1.5);
(406087.5, 3758562.5, 96.0, 1.5);	(406137.5, 3758562.5, 97.9, 1.5);
(406187.5, 3758562.5, 99.0, 1.5);	(406237.5, 3758562.5, 101.3, 1.5);
(406287.5, 3758562.5, 103.4, 1.5);	(406337.5, 3758562.5, 105.0, 1.5);
(406387.5, 3758562.5, 106.0, 1.5);	(406437.5, 3758562.5, 107.7, 1.5);

*** ICST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT ***
 *** ANALYSIS PEAK HR NOx emissions mitigated

*** 07/29/11
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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406487.5, 3758562.5, 109.0, 1.5);	(406537.5, 3758537.5, 109.0, 1.5);
(406587.5, 3758537.5, 109.7, 1.5);	(406637.5, 3758537.5, 109.0, 1.5);
(406687.5, 3758537.5, 110.0, 1.5);	(406737.5, 3758537.5, 109.9, 1.5);
(406787.5, 3758537.5, 110.0, 1.5);	(406837.5, 3758537.5, 111.0, 1.5);
(406887.5, 3758537.5, 113.7, 1.5);	(406937.5, 3758537.5, 116.0, 1.5);
(406987.5, 3758537.5, 120.8, 1.5);	(407037.5, 3758537.5, 122.0, 1.5);
(407087.5, 3758537.5, 124.8, 1.5);	(407137.5, 3758537.5, 128.8, 1.5);
(407187.5, 3758537.5, 137.7, 1.5);	(407237.5, 3758537.5, 141.0, 1.5);
(407287.5, 3758537.5, 143.8, 1.5);	(407337.5, 3758537.5, 147.0, 1.5);
(407387.5, 3758537.5, 148.8, 1.5);	(407437.5, 3758537.5, 153.5, 1.5);
(407487.5, 3758537.5, 155.4, 1.5);	(407537.5, 3758537.5, 0.0, 1.5);
(407587.5, 3758537.5, 0.0, 1.5);	(407637.5, 3758537.5, 0.0, 1.5);
(407687.5, 3758537.5, 0.0, 1.5);	(407737.5, 3758537.5, 0.0, 1.5);
(407787.5, 3758537.5, 0.0, 1.5);	(407837.5, 3758537.5, 0.0, 1.5);
(407887.5, 3758537.5, 0.0, 1.5);	(407937.5, 3758537.5, 0.0, 1.5);
(407987.5, 3758537.5, 0.0, 1.5);	(408037.5, 3758537.5, 0.0, 1.5);
(408087.5, 3758537.5, 0.0, 1.5);	(405962.5, 3759987.5, 229.9, 1.5);
(405962.5, 3759937.5, 223.6, 1.5);	(405962.5, 3759887.5, 214.8, 1.5);
(405962.5, 3759837.5, 195.5, 1.5);	(405962.5, 3759787.5, 191.6, 1.5);
(405962.5, 3759737.5, 188.7, 1.5);	(405962.5, 3759687.5, 167.2, 1.5);
(405962.5, 3759637.5, 162.2, 1.5);	(405962.5, 3759587.5, 157.2, 1.5);
(405962.5, 3759537.5, 159.3, 1.5);	(405962.5, 3759487.5, 159.3, 1.5);
(405962.5, 3759437.5, 157.2, 1.5);	(405962.5, 3759387.5, 148.9, 1.5);
(405962.5, 3759337.5, 138.2, 1.5);	(405962.5, 3759287.5, 128.2, 1.5);
(405962.5, 3759237.5, 120.2, 1.5);	(405962.5, 3759187.5, 115.0, 1.5);
(405962.5, 3759137.5, 113.9, 1.5);	(405962.5, 3759087.5, 112.0, 1.5);
(405962.5, 3759037.5, 109.0, 1.5);	(405962.5, 3758987.5, 108.0, 1.5);
(405962.5, 3758937.5, 106.3, 1.5);	(405962.5, 3758887.5, 104.9, 1.5);
(405962.5, 3758837.5, 103.0, 1.5);	(405962.5, 3758787.5, 100.9, 1.5);
(405962.5, 3758737.5, 98.9, 1.5);	(405962.5, 3758687.5, 97.0, 1.5);
(405962.5, 3758637.5, 95.0, 1.5);	(406012.5, 3759987.5, 224.1, 1.5);
(406012.5, 3759937.5, 203.5, 1.5);	(406012.5, 3759887.5, 201.9, 1.5);
(406012.5, 3759837.5, 196.6, 1.5);	(406012.5, 3759787.5, 190.7, 1.5);
(406012.5, 3759737.5, 190.4, 1.5);	(406012.5, 3759687.5, 169.9, 1.5);
(406012.5, 3759637.5, 165.9, 1.5);	(406012.5, 3759587.5, 161.0, 1.5);
(406012.5, 3759537.5, 161.0, 1.5);	(406012.5, 3759487.5, 159.1, 1.5);
(406012.5, 3759437.5, 150.2, 1.5);	(406012.5, 3759387.5, 146.3, 1.5);
(406012.5, 3759337.5, 137.4, 1.5);	(406012.5, 3759287.5, 129.9, 1.5);
(406012.5, 3759237.5, 121.6, 1.5);	(406012.5, 3759187.5, 116.3, 1.5);
(406012.5, 3759137.5, 115.2, 1.5);	(406012.5, 3759087.5, 113.0, 1.5);
(406012.5, 3759037.5, 110.2, 1.5);	(406012.5, 3758987.5, 110.0, 1.5);
(406012.5, 3758937.5, 108.2, 1.5);	(406012.5, 3758887.5, 105.9, 1.5);
(406012.5, 3758837.5, 103.0, 1.5);	(406012.5, 3758787.5, 102.0, 1.5);
(406012.5, 3758737.5, 99.9, 1.5);	(406012.5, 3758687.5, 98.0, 1.5);
(406012.5, 3758637.5, 96.3, 1.5);	(406062.5, 3759987.5, 209.4, 1.5);

*** ICST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT ***
 *** ANALYSIS PEAK HR NOx emissions mitigated

*** 07/29/11
 *** 11:59:36
 *** PAGE 32

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

Appendix B

NOx Peak Hour Emissions Mitigated

(406062.5, 3759837.5,	177.7,	1.5);	(406062.5, 3759787.5,	171.7,	1.5);
(406062.5, 3759737.5,	166.3,	1.5);	(406062.5, 3759687.5,	167.2,	1.5);
(406062.5, 3759637.5,	161.1,	1.5);	(406062.5, 3759587.5,	157.8,	1.5);
(406062.5, 3759537.5,	146.4,	1.5);	(406062.5, 3759487.5,	142.0,	1.5);
(406062.5, 3759437.5,	138.4,	1.5);	(406062.5, 3759387.5,	133.4,	1.5);
(406062.5, 3759337.5,	129.4,	1.5);	(406062.5, 3759287.5,	126.4,	1.5);
(406062.5, 3759237.5,	120.0,	1.5);	(406062.5, 3759187.5,	119.0,	1.5);
(406062.5, 3759137.5,	117.0,	1.5);	(406062.5, 3759087.5,	114.9,	1.5);
(406062.5, 3759037.5,	113.0,	1.5);	(406062.5, 3758987.5,	112.0,	1.5);
(406062.5, 3758937.5,	109.0,	1.5);	(406062.5, 3758887.5,	107.3,	1.5);
(406062.5, 3758837.5,	105.0,	1.5);	(406062.5, 3758787.5,	103.0,	1.5);
(406062.5, 3758737.5,	101.3,	1.5);	(406062.5, 3758687.5,	99.0,	1.5);
(406062.5, 3758637.5,	98.0,	1.5);	(406112.5, 3759987.5,	180.6,	1.5);
(406112.5, 3759837.5,	149.0,	1.5);	(406112.5, 3759787.5,	147.9,	1.5);
(406112.5, 3759737.5,	145.7,	1.5);	(406112.5, 3759687.5,	145.0,	1.5);
(406112.5, 3759637.5,	143.0,	1.5);	(406112.5, 3759587.5,	143.0,	1.5);
(406112.5, 3759537.5,	141.7,	1.5);	(406112.5, 3759487.5,	136.8,	1.5);
(406112.5, 3759437.5,	129.9,	1.5);	(406112.5, 3759387.5,	127.3,	1.5);
(406112.5, 3759337.5,	128.5,	1.5);	(406112.5, 3759287.5,	127.5,	1.5);
(406112.5, 3759237.5,	123.2,	1.5);	(406112.5, 3759187.5,	121.2,	1.5);
(406112.5, 3759137.5,	119.0,	1.5);	(406112.5, 3759087.5,	117.0,	1.5);
(406112.5, 3759037.5,	115.2,	1.5);	(406112.5, 3758987.5,	114.0,	1.5);
(406112.5, 3758937.5,	111.3,	1.5);	(406112.5, 3758887.5,	109.2,	1.5);
(406112.5, 3758837.5,	107.3,	1.5);	(406112.5, 3758787.5,	104.9,	1.5);
(406112.5, 3758737.5,	102.3,	1.5);	(406112.5, 3758687.5,	100.9,	1.5);
(406112.5, 3758637.5,	99.0,	1.5);	(406162.5, 3759987.5,	155.4,	1.5);
(406162.5, 3759837.5,	153.4,	1.5);	(406162.5, 3759787.5,	154.2,	1.5);
(406162.5, 3759437.5,	137.1,	1.5);	(406162.5, 3759387.5,	138.5,	1.5);
(406162.5, 3759337.5,	137.8,	1.5);	(406162.5, 3759287.5,	132.2,	1.5);
(406162.5, 3759237.5,	126.2,	1.5);	(406162.5, 3759187.5,	123.2,	1.5);
(406162.5, 3759137.5,	120.9,	1.5);	(406162.5, 3759087.5,	119.0,	1.5);
(406162.5, 3759037.5,	117.3,	1.5);	(406162.5, 3758987.5,	116.0,	1.5);
(406162.5, 3758937.5,	113.2,	1.5);	(406162.5, 3758887.5,	111.0,	1.5);
(406162.5, 3758837.5,	109.0,	1.5);	(406162.5, 3758787.5,	105.9,	1.5);
(406162.5, 3758737.5,	103.0,	1.5);	(406162.5, 3758687.5,	102.0,	1.5);
(406162.5, 3758637.5,	100.0,	1.5);	(406212.5, 3759437.5,	151.9,	1.5);
(406212.5, 3759387.5,	147.2,	1.5);	(406212.5, 3759337.5,	141.0,	1.5);
(406212.5, 3759287.5,	134.9,	1.5);	(406212.5, 3759237.5,	128.2,	1.5);
(406212.5, 3759187.5,	125.0,	1.5);	(406212.5, 3759137.5,	123.0,	1.5);
(406212.5, 3759087.5,	120.9,	1.5);	(406212.5, 3759037.5,	118.9,	1.5);
(406212.5, 3758987.5,	117.0,	1.5);	(406212.5, 3758937.5,	114.9,	1.5);
(406212.5, 3758887.5,	112.0,	1.5);	(406212.5, 3758837.5,	109.2,	1.5);
(406212.5, 3758787.5,	107.0,	1.5);	(406212.5, 3758737.5,	104.0,	1.5);
(406212.5, 3758687.5,	103.0,	1.5);	(406212.5, 3758637.5,	102.0,	1.5);
(406262.5, 3759437.5,	153.2,	1.5);	(406262.5, 3759387.5,	149.5,	1.5);
* *** ISCS3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11					
** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36					
**MODELOPTs: PAGE 33					
CONC	URBAN ELEV	FLGPOL	NOCALM		
*** DISCRETE CARTESIAN RECEPTORS ***					
(X-COORD, Y-COORD, ZELEV, ZFLAG)					
(METERS)					
(406262.5, 3759337.5,	139.9,	1.5);	(406262.5, 3759287.5,	135.9,	1.5);
(406262.5, 3759237.5,	131.2,	1.5);	(406262.5, 3759187.5,	126.9,	1.5);
(406262.5, 3759137.5,	124.0,	1.5);	(406262.5, 3759087.5,	122.0,	1.5);
(406262.5, 3759037.5,	119.9,	1.5);	(406262.5, 3758987.5,	117.0,	1.5);
(406262.5, 3758937.5,	114.9,	1.5);	(406262.5, 3758887.5,	112.0,	1.5);
(406262.5, 3758837.5,	109.7,	1.5);	(406262.5, 3758787.5,	108.0,	1.5);
(406262.5, 3758737.5,	105.0,	1.5);	(406262.5, 3758687.5,	104.0,	1.5);
(406262.5, 3758637.5,	103.0,	1.5);	(406312.5, 3759437.5,	155.9,	1.5);
(406312.5, 3759387.5,	153.9,	1.5);	(406312.5, 3759337.5,	144.2,	1.5);
(406312.5, 3759287.5,	138.0,	1.5);	(406312.5, 3759237.5,	133.0,	1.5);
(406312.5, 3759187.5,	128.0,	1.5);	(406312.5, 3759137.5,	124.9,	1.5);
(406312.5, 3759087.5,	122.0,	1.5);	(406312.5, 3759037.5,	119.9,	1.5);
(406312.5, 3758987.5,	117.0,	1.5);	(406312.5, 3758937.5,	114.0,	1.5);
(406312.5, 3758887.5,	112.0,	1.5);	(406312.5, 3758837.5,	109.9,	1.5);
(406312.5, 3758787.5,	108.0,	1.5);	(406312.5, 3758737.5,	106.0,	1.5);
(406312.5, 3758687.5,	105.0,	1.5);	(406312.5, 3758637.5,	104.2,	1.5);
(406362.5, 3759437.5,	151.1,	1.5);	(406362.5, 3759387.5,	148.1,	1.5);
(406362.5, 3759337.5,	143.6,	1.5);	(406362.5, 3759287.5,	136.9,	1.5);
(406362.5, 3759237.5,	133.0,	1.5);	(406362.5, 3759187.5,	128.9,	1.5);
(406362.5, 3759137.5,	125.9,	1.5);	(406362.5, 3759087.5,	123.0,	1.5);
(406362.5, 3759037.5,	120.0,	1.5);	(406362.5, 3758987.5,	117.0,	1.5);

Appendix B

NOx Peak Hour Emissions Mitigated

(407312.5, 3758587.5, 141.2, 1.5); (407362.5, 3758637.5, 146.2, 1.5);
 (407362.5, 3758587.5, 146.2, 1.5); (407412.5, 3758637.5, 152.2, 1.5);
 (407412.5, 3758587.5, 153.3, 1.5); (407462.5, 3758637.5, 152.7, 1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36
 *** PAGE 35

**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(407462.5, 3758587.5, 155.0, 1.5); (407512.5, 3758637.5, 146.7, 1.5);
 (407512.5, 3758587.5, 146.1, 1.5); (407562.5, 3758637.5, 0.0, 1.5);
 (407562.5, 3758587.5, 0.0, 1.5); (407612.5, 3758637.5, 0.0, 1.5);
 (407612.5, 3758587.5, 0.0, 1.5); (407662.5, 3758637.5, 0.0, 1.5);
 (407662.5, 3758587.5, 0.0, 1.5); (407712.5, 3758637.5, 0.0, 1.5);
 (407712.5, 3758587.5, 0.0, 1.5); (407762.5, 3758637.5, 0.0, 1.5);
 (407762.5, 3758587.5, 0.0, 1.5); (407812.5, 3758637.5, 0.0, 1.5);
 (407812.5, 3758587.5, 0.0, 1.5); (407862.5, 3758637.5, 0.0, 1.5);
 (407862.5, 3758587.5, 0.0, 1.5); (407912.5, 3758637.5, 0.0, 1.5);
 (407912.5, 3758587.5, 0.0, 1.5); (407962.5, 3758637.5, 0.0, 1.5);
 (407962.5, 3758587.5, 0.0, 1.5); (408012.5, 3758637.5, 0.0, 1.5);
 (408012.5, 3758587.5, 0.0, 1.5); (408062.5, 3758637.5, 0.0, 1.5);
 (408062.5, 3758587.5, 0.0, 1.5); (408112.5, 3758637.5, 0.0, 1.5);
 (408112.5, 3758587.5, 0.0, 1.5); (405987.5, 3758537.5, 93.0, 1.5);
 (406012.5, 3758537.5, 94.0, 1.5); (406037.5, 3758537.5, 94.7, 1.5);
 (406062.5, 3758537.5, 95.0, 1.5); (406087.5, 3758537.5, 96.0, 1.5);
 (406112.5, 3758537.5, 96.3, 1.5); (406137.5, 3758537.5, 97.0, 1.5);
 (406162.5, 3758537.5, 98.0, 1.5); (406187.5, 3758537.5, 98.8, 1.5);
 (406212.5, 3758537.5, 99.9, 1.5); (406237.5, 3758537.5, 100.8, 1.5);
 (406262.5, 3758537.5, 102.0, 1.5); (406287.5, 3758537.5, 103.0, 1.5);
 (406312.5, 3758537.5, 104.0, 1.5); (406337.5, 3758537.5, 104.7, 1.5);
 (406362.5, 3758537.5, 105.0, 1.5); (406387.5, 3758537.5, 105.7, 1.5);
 (406412.5, 3758537.5, 106.0, 1.5); (406437.5, 3758537.5, 107.0, 1.5);
 (406462.5, 3758537.5, 108.0, 1.5); (406487.5, 3758537.5, 108.0, 1.5);
 (406512.5, 3758537.5, 109.0, 1.5); (406562.5, 3758537.5, 109.0, 1.5);
 (406612.5, 3758537.5, 109.9, 1.5); (406662.5, 3758537.5, 109.0, 1.5);
 (406712.5, 3758537.5, 109.9, 1.5); (406762.5, 3758537.5, 109.0, 1.5);
 (406812.5, 3758537.5, 110.0, 1.5); (406862.5, 3758537.5, 111.3, 1.5);
 (406912.5, 3758537.5, 114.9, 1.5); (406962.5, 3758537.5, 118.5, 1.5);
 (407012.5, 3758537.5, 122.0, 1.5); (407062.5, 3758537.5, 123.0, 1.5);
 (407112.5, 3758537.5, 127.0, 1.5); (407162.5, 3758537.5, 130.0, 1.5);
 (407212.5, 3758537.5, 141.0, 1.5); (407262.5, 3758537.5, 142.0, 1.5);
 (407312.5, 3758537.5, 147.0, 1.5); (407362.5, 3758537.5, 147.3, 1.5);
 (407412.5, 3758537.5, 151.2, 1.5); (407462.5, 3758537.5, 158.3, 1.5);
 (407512.5, 3758537.5, 148.4, 1.5); (407562.5, 3758537.5, 0.0, 1.5);
 (407612.5, 3758537.5, 0.0, 1.5); (407662.5, 3758537.5, 0.0, 1.5);
 (407712.5, 3758537.5, 0.0, 1.5); (407762.5, 3758537.5, 0.0, 1.5);
 (407812.5, 3758537.5, 0.0, 1.5); (407862.5, 3758537.5, 0.0, 1.5);
 (407912.5, 3758537.5, 0.0, 1.5); (407962.5, 3758537.5, 0.0, 1.5);
 (408012.5, 3758537.5, 0.0, 1.5); (408062.5, 3758537.5, 0.0, 1.5);
 (408112.5, 3758537.5, 0.0, 1.5); (405962.5, 3758587.5, 94.0, 1.5);
 (406012.5, 3758587.5, 95.0, 1.5); (406062.5, 3758587.5, 96.0, 1.5);
 (406112.5, 3758587.5, 97.0, 1.5); (406162.5, 3758587.5, 99.0, 1.5);
 (406212.5, 3758587.5, 100.9, 1.5); (406262.5, 3758587.5, 102.3, 1.5);
 (406312.5, 3758587.5, 104.2, 1.5); (406362.5, 3758587.5, 105.2, 1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36
 *** PAGE 36

**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406412.5, 3758587.5, 107.0, 1.5); (406462.5, 3758587.5, 109.0, 1.5);
 (406512.5, 3758587.5, 110.0, 1.5); (405987.5, 3760012.5, 229.9, 1.5);
 (405987.5, 3759962.5, 223.9, 1.5); (405987.5, 3759912.5, 217.2, 1.5);
 (405987.5, 3759862.5, 205.0, 1.5); (405987.5, 3759812.5, 194.2, 1.5);
 (405987.5, 3759762.5, 190.0, 1.5); (405987.5, 3759712.5, 179.8, 1.5);
 (405987.5, 3759662.5, 165.8, 1.5); (405987.5, 3759612.5, 161.8, 1.5);
 (405987.5, 3759562.5, 160.3, 1.5); (405987.5, 3759512.5, 162.0, 1.5);
 (405987.5, 3759462.5, 161.3, 1.5); (405987.5, 3759412.5, 153.1, 1.5);

Appendix B

NOx Peak Hour Emissions Mitigated

(405987.5, 3759362.5,	143.5,	1.5);	(405987.5, 3759312.5,	134.9,	1.5);
(405987.5, 3759262.5,	126.7,	1.5);	(405987.5, 3759212.5,	116.1,	1.5);
(405987.5, 3759162.5,	115.0,	1.5);	(405987.5, 3759112.5,	113.4,	1.5);
(405987.5, 3759062.5,	110.9,	1.5);	(405987.5, 3759012.5,	109.0,	1.5);
(405987.5, 3758962.5,	108.4,	1.5);	(405987.5, 3758912.5,	106.3,	1.5);
(405987.5, 3758862.5,	104.3,	1.5);	(405987.5, 3758812.5,	102.0,	1.5);
(405987.5, 3758762.5,	100.3,	1.5);	(405987.5, 3758712.5,	98.4,	1.5);
(405987.5, 3758662.5,	96.4,	1.5);	(406037.5, 3760012.5,	220.7,	1.5);
(406037.5, 3759812.5,	181.5,	1.5);	(406037.5, 3759762.5,	179.4,	1.5);
(406037.5, 3759712.5,	178.3,	1.5);	(406037.5, 3759662.5,	166.4,	1.5);
(406037.5, 3759612.5,	162.4,	1.5);	(406037.5, 3759562.5,	159.6,	1.5);
(406037.5, 3759512.5,	152.9,	1.5);	(406037.5, 3759462.5,	142.7,	1.5);
(406037.5, 3759412.5,	141.3,	1.5);	(406037.5, 3759362.5,	135.4,	1.5);
(406037.5, 3759312.5,	133.1,	1.5);	(406037.5, 3759262.5,	122.8,	1.5);
(406037.5, 3759212.5,	119.2,	1.5);	(406037.5, 3759162.5,	116.9,	1.5);
(406037.5, 3759112.5,	115.0,	1.5);	(406037.5, 3759062.5,	112.9,	1.5);
(406037.5, 3759012.5,	111.7,	1.5);	(406037.5, 3758962.5,	110.3,	1.5);
(406037.5, 3758912.5,	108.0,	1.5);	(406037.5, 3758862.5,	105.0,	1.5);
(406037.5, 3758812.5,	103.8,	1.5);	(406037.5, 3758762.5,	101.9,	1.5);
(406037.5, 3758712.5,	99.5,	1.5);	(406037.5, 3758662.5,	97.9,	1.5);
(406087.5, 3760012.5,	200.6,	1.5);	(406087.5, 3759812.5,	152.7,	1.5);
(406087.5, 3759762.5,	150.3,	1.5);	(406087.5, 3759712.5,	151.5,	1.5);
(406087.5, 3759662.5,	147.4,	1.5);	(406087.5, 3759612.5,	149.3,	1.5);
(406087.5, 3759562.5,	143.9,	1.5);	(406087.5, 3759512.5,	142.0,	1.5);
(406087.5, 3759462.5,	139.0,	1.5);	(406087.5, 3759412.5,	130.1,	1.5);
(406087.5, 3759362.5,	128.3,	1.5);	(406087.5, 3759312.5,	127.5,	1.5);
(406087.5, 3759262.5,	122.2,	1.5);	(406087.5, 3759212.5,	120.3,	1.5);
(406087.5, 3759162.5,	119.0,	1.5);	(406087.5, 3759112.5,	116.9,	1.5);
(406087.5, 3759062.5,	115.0,	1.5);	(406087.5, 3759012.5,	113.8,	1.5);
(406087.5, 3758962.5,	111.4,	1.5);	(406087.5, 3758912.5,	109.3,	1.5);
(406087.5, 3758862.5,	107.4,	1.5);	(406087.5, 3758812.5,	105.0,	1.5);
(406087.5, 3758762.5,	103.0,	1.5);	(406087.5, 3758712.5,	101.0,	1.5);
(406087.5, 3758662.5,	99.0,	1.5);	(406137.5, 3760012.5,	175.9,	1.5);
(406137.5, 3759812.5,	147.9,	1.5);	(406137.5, 3759762.5,	147.9,	1.5);
(406137.5, 3759712.5,	147.5,	1.5);	(406137.5, 3759662.5,	145.6,	1.5);
(406137.5, 3759612.5,	143.0,	1.5);	(406137.5, 3759562.5,	140.5,	1.5);
(406137.5, 3759512.5,	133.1,	1.5);	(406137.5, 3759462.5,	130.0,	1.5);
<p>• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11</p> <p>*** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36</p> <p>**MODELOPTs: ** PAGE 37</p> <p>CONC URBAN ELEV FLGPOL NOCALM</p>					
<p>*** DISCRETE CARTESIAN RECEPTORS ***</p> <p>(X-COORD, Y-COORD, ZELEV, ZFLAG)</p> <p>(METERS)</p>					
(406137.5, 3759412.5,	132.0,	1.5);	(406137.5, 3759362.5,	133.0,	1.5);
(406137.5, 3759312.5,	133.0,	1.5);	(406137.5, 3759262.5,	127.2,	1.5);
(406137.5, 3759212.5,	123.4,	1.5);	(406137.5, 3759162.5,	121.3,	1.5);
(406137.5, 3759112.5,	119.0,	1.5);	(406137.5, 3759062.5,	116.9,	1.5);
(406137.5, 3759012.5,	116.0,	1.5);	(406137.5, 3758962.5,	113.8,	1.5);
(406137.5, 3758912.5,	111.3,	1.5);	(406137.5, 3758862.5,	109.0,	1.5);
(406137.5, 3758812.5,	106.4,	1.5);	(406137.5, 3758762.5,	104.3,	1.5);
(406137.5, 3758712.5,	102.0,	1.5);	(406137.5, 3758662.5,	100.3,	1.5);
(406187.5, 3759412.5,	146.6,	1.5);	(406187.5, 3759362.5,	141.2,	1.5);
(406187.5, 3759312.5,	138.7,	1.5);	(406187.5, 3759262.5,	130.3,	1.5);
(406187.5, 3759212.5,	125.9,	1.5);	(406187.5, 3759162.5,	123.0,	1.5);
(406187.5, 3759112.5,	120.9,	1.5);	(406187.5, 3759062.5,	118.8,	1.5);
(406187.5, 3759012.5,	117.3,	1.5);	(406187.5, 3758962.5,	115.9,	1.5);
(406187.5, 3758912.5,	112.4,	1.5);	(406187.5, 3758862.5,	110.5,	1.5);
(406187.5, 3758812.5,	108.0,	1.5);	(406187.5, 3758762.5,	105.0,	1.5);
(406187.5, 3758712.5,	102.9,	1.5);	(406187.5, 3758662.5,	101.9,	1.5);
(406237.5, 3759412.5,	150.2,	1.5);	(406237.5, 3759362.5,	144.1,	1.5);
(406237.5, 3759312.5,	138.1,	1.5);	(406237.5, 3759262.5,	133.3,	1.5);
(406237.5, 3759212.5,	127.3,	1.5);	(406237.5, 3759162.5,	124.4,	1.5);
(406237.5, 3759112.5,	122.9,	1.5);	(406237.5, 3759062.5,	120.3,	1.5);
(406237.5, 3759012.5,	118.0,	1.5);	(406237.5, 3758962.5,	116.0,	1.5);
(406237.5, 3758912.5,	113.4,	1.5);	(406237.5, 3758862.5,	111.0,	1.5);
(406237.5, 3758812.5,	108.4,	1.5);	(406237.5, 3758762.5,	105.5,	1.5);
(406237.5, 3758712.5,	104.0,	1.5);	(406237.5, 3758662.5,	102.9,	1.5);
(406287.5, 3759412.5,	153.8,	1.5);	(406287.5, 3759362.5,	146.7,	1.5);
(406287.5, 3759312.5,	138.8,	1.5);	(406287.5, 3759262.5,	134.4,	1.5);
(406287.5, 3759212.5,	129.4,	1.5);	(406287.5, 3759162.5,	126.0,	1.5);
(406287.5, 3759112.5,	123.0,	1.5);	(406287.5, 3759062.5,	121.0,	1.5);
(406287.5, 3759012.5,	118.4,	1.5);	(406287.5, 3758962.5,	116.0,	1.5);

Appendix B

NOx Peak Hour Emissions Mitigated

(406287.5, 3758912.5, 113.4, 1.5);	(406287.5, 3758862.5, 110.9, 1.5);
(406287.5, 3758812.5, 108.4, 1.5);	(406287.5, 3758762.5, 106.4, 1.5);
(406287.5, 3758712.5, 105.0, 1.5);	(406287.5, 3758662.5, 104.0, 1.5);
(406337.5, 3759412.5, 153.6, 1.5);	(406337.5, 3759362.5, 149.5, 1.5);
(406337.5, 3759312.5, 140.9, 1.5);	(406337.5, 3759262.5, 135.5, 1.5);
(406337.5, 3759212.5, 130.5, 1.5);	(406337.5, 3759162.5, 127.3, 1.5);
(406337.5, 3759112.5, 123.4, 1.5);	(406337.5, 3759062.5, 121.0, 1.5);
(406337.5, 3759012.5, 118.4, 1.5);	(406337.5, 3758962.5, 115.5, 1.5);
(406337.5, 3758912.5, 113.0, 1.5);	(406337.5, 3758862.5, 110.6, 1.5);
(406337.5, 3758812.5, 109.0, 1.5);	(406337.5, 3758762.5, 107.0, 1.5);
(406337.5, 3758712.5, 106.0, 1.5);	(406337.5, 3758662.5, 105.8, 1.5);
(406387.5, 3759362.5, 141.9, 1.5);	(406387.5, 3759312.5, 138.7, 1.5);
(406387.5, 3759262.5, 134.3, 1.5);	(406387.5, 3759212.5, 131.4, 1.5);
(406387.5, 3759162.5, 127.4, 1.5);	(406387.5, 3759112.5, 124.4, 1.5);
(406387.5, 3759062.5, 122.0, 1.5);	(406387.5, 3759012.5, 119.0, 1.5);
(406387.5, 3758962.5, 116.3, 1.5);	(406387.5, 3758912.5, 113.4, 1.5);

*** ISCS T3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36
 **MODELOPTs: PAGE 38
 CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406387.5, 3758862.5, 109.5, 1.5);	(406387.5, 3758812.5, 108.0, 1.5);
(406387.5, 3758762.5, 108.0, 1.5);	(406387.5, 3758712.5, 108.0, 1.5);
(406387.5, 3758662.5, 107.7, 1.5);	(406437.5, 3759312.5, 137.4, 1.5);
(406437.5, 3759262.5, 135.1, 1.5);	(406437.5, 3759212.5, 131.9, 1.5);
(406437.5, 3759162.5, 127.4, 1.5);	(406437.5, 3759112.5, 124.4, 1.5);
(406437.5, 3759062.5, 121.4, 1.5);	(406437.5, 3759012.5, 119.5, 1.5);
(406437.5, 3758962.5, 117.0, 1.5);	(406437.5, 3758912.5, 114.2, 1.5);
(406437.5, 3758862.5, 109.3, 1.5);	(406437.5, 3758812.5, 109.0, 1.5);
(406437.5, 3758762.5, 109.0, 1.5);	(406437.5, 3758712.5, 109.4, 1.5);
(406437.5, 3758662.5, 109.0, 1.5);	(406487.5, 3759312.5, 138.3, 1.5);
(406487.5, 3759262.5, 135.5, 1.5);	(406487.5, 3759212.5, 131.4, 1.5);
(406487.5, 3759162.5, 127.1, 1.5);	(406487.5, 3759112.5, 124.4, 1.5);
(406487.5, 3759062.5, 121.9, 1.5);	(406487.5, 3759012.5, 119.8, 1.5);
(406487.5, 3758962.5, 117.4, 1.5);	(406487.5, 3758912.5, 115.5, 1.5);
(406487.5, 3758862.5, 111.9, 1.5);	(406487.5, 3758812.5, 111.3, 1.5);
(406487.5, 3758762.5, 112.0, 1.5);	(406487.5, 3758712.5, 112.0, 1.5);
(406487.5, 3758662.5, 111.0, 1.5);	(406537.5, 3759262.5, 136.4, 1.5);
(406537.5, 3759212.5, 132.4, 1.5);	(406537.5, 3759162.5, 128.4, 1.5);
(406537.5, 3759112.5, 125.9, 1.5);	(406537.5, 3759062.5, 123.0, 1.5);
(406537.5, 3759012.5, 120.9, 1.5);	(406537.5, 3758962.5, 117.0, 1.5);
(406537.5, 3758912.5, 115.0, 1.5);	(406537.5, 3758862.5, 115.4, 1.5);
(406537.5, 3758812.5, 115.9, 1.5);	(406537.5, 3758762.5, 115.0, 1.5);
(406537.5, 3758712.5, 114.0, 1.5);	(406537.5, 3758662.5, 112.9, 1.5);
(406587.5, 3759212.5, 134.8, 1.5);	(406587.5, 3759162.5, 131.2, 1.5);
(406587.5, 3759112.5, 127.3, 1.5);	(406587.5, 3759062.5, 124.4, 1.5);
(406587.5, 3759012.5, 121.4, 1.5);	(406587.5, 3758962.5, 118.8, 1.5);
(406587.5, 3758912.5, 118.8, 1.5);	(406587.5, 3758862.5, 119.3, 1.5);
(406587.5, 3758812.5, 118.0, 1.5);	(406587.5, 3758762.5, 116.9, 1.5);
(406587.5, 3758712.5, 115.9, 1.5);	(406587.5, 3758662.5, 114.3, 1.5);
(406587.5, 3758612.5, 112.0, 1.5);	(406637.5, 3759212.5, 137.3, 1.5);
(406637.5, 3759162.5, 133.4, 1.5);	(406637.5, 3759112.5, 129.4, 1.5);
(406637.5, 3759062.5, 126.4, 1.5);	(406637.5, 3759012.5, 121.9, 1.5);
(406637.5, 3758962.5, 122.9, 1.5);	(406637.5, 3758912.5, 122.7, 1.5);
(406637.5, 3758862.5, 121.9, 1.5);	(406637.5, 3758812.5, 120.0, 1.5);
(406637.5, 3758762.5, 118.0, 1.5);	(406637.5, 3758712.5, 116.9, 1.5);
(406637.5, 3758662.5, 113.6, 1.5);	(406687.5, 3759162.5, 133.6, 1.5);
(406687.5, 3759112.5, 128.0, 1.5);	(406687.5, 3759062.5, 128.7, 1.5);
(406687.5, 3759012.5, 127.3, 1.5);	(406687.5, 3758962.5, 126.7, 1.5);
(406687.5, 3758912.5, 125.5, 1.5);	(406687.5, 3758862.5, 123.0, 1.5);
(406687.5, 3758762.5, 118.0, 1.5);	(406737.5, 3759112.5, 133.7, 1.5);
(406737.5, 3759062.5, 136.5, 1.5);	(406737.5, 3759012.5, 132.2, 1.5);
(406737.5, 3758962.5, 129.4, 1.5);	(406737.5, 3758912.5, 125.5, 1.5);
(406737.5, 3758662.5, 117.7, 1.5);	(406737.5, 3758612.5, 116.0, 1.5);
(406787.5, 3759012.5, 134.8, 1.5);	(406787.5, 3758962.5, 129.4, 1.5);
(406787.5, 3758712.5, 120.6, 1.5);	(406787.5, 3758662.5, 119.3, 1.5);

*** ISCS T3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36
 **MODELOPTs: PAGE 39
 CONC URBAN ELEV FLGPOL NOCALM

Appendix B

NOx Peak Hour Emissions Mitigated

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406787.5, 3758612.5, 115.8, 1.5);	(406837.5, 3758712.5, 123.0, 1.5);
(406837.5, 3758662.5, 120.5, 1.5);	(406837.5, 3758612.5, 116.6, 1.5);
(406887.5, 3758762.5, 125.3, 1.5);	(406887.5, 3758712.5, 122.4, 1.5);
(406887.5, 3758662.5, 119.5, 1.5);	(406887.5, 3758612.5, 112.6, 1.5);
(406937.5, 3758762.5, 125.5, 1.5);	(406937.5, 3758712.5, 121.4, 1.5);
(406937.5, 3758662.5, 117.6, 1.5);	(406937.5, 3758612.5, 115.4, 1.5);
(406987.5, 3758712.5, 121.9, 1.5);	(406987.5, 3758662.5, 116.4, 1.5);
(406987.5, 3758612.5, 116.4, 1.5);	(407037.5, 3758712.5, 121.4, 1.5);
(407037.5, 3758662.5, 115.1, 1.5);	(407037.5, 3758612.5, 119.3, 1.5);
(407087.5, 3758662.5, 116.7, 1.5);	(407087.5, 3758612.5, 122.9, 1.5);
(407137.5, 3758662.5, 123.3, 1.5);	(407137.5, 3758612.5, 125.8, 1.5);
(407187.5, 3758662.5, 129.8, 1.5);	(407187.5, 3758612.5, 130.3, 1.5);
(407237.5, 3758662.5, 134.8, 1.5);	(407237.5, 3758612.5, 134.5, 1.5);
(407287.5, 3758662.5, 139.8, 1.5);	(407287.5, 3758612.5, 139.8, 1.5);
(407337.5, 3758662.5, 144.7, 1.5);	(407337.5, 3758612.5, 143.7, 1.5);
(407387.5, 3758662.5, 149.7, 1.5);	(407387.5, 3758612.5, 149.5, 1.5);
(407437.5, 3758662.5, 153.7, 1.5);	(407437.5, 3758612.5, 154.4, 1.5);
(407487.5, 3758662.5, 152.4, 1.5);	(407487.5, 3758612.5, 149.5, 1.5);
(407537.5, 3758662.5, 0.0, 1.5);	(407537.5, 3758612.5, 0.0, 1.5);
(407587.5, 3758662.5, 0.0, 1.5);	(407587.5, 3758612.5, 0.0, 1.5);
(407637.5, 3758612.5, 0.0, 1.5);	(407687.5, 3758612.5, 0.0, 1.5);
(407737.5, 3758612.5, 0.0, 1.5);	(407787.5, 3758612.5, 0.0, 1.5);
(407837.5, 3758612.5, 0.0, 1.5);	(407887.5, 3758612.5, 0.0, 1.5);
(407937.5, 3758612.5, 0.0, 1.5);	(407987.5, 3758612.5, 0.0, 1.5);
(408037.5, 3758612.5, 0.0, 1.5);	(408087.5, 3758612.5, 0.0, 1.5);
(405987.5, 3758612.5, 95.0, 1.5);	(406037.5, 3758612.5, 96.3, 1.5);
(406087.5, 3758612.5, 97.4, 1.5);	(406137.5, 3758612.5, 98.4, 1.5);
(406187.5, 3758612.5, 100.3, 1.5);	(406237.5, 3758612.5, 102.0, 1.5);
(406287.5, 3758612.5, 103.8, 1.5);	(406337.5, 3758612.5, 105.0, 1.5);
(406387.5, 3758612.5, 106.9, 1.5);	(406437.5, 3758612.5, 108.8, 1.5);
(406487.5, 3758612.5, 110.0, 1.5);	(406512.5, 3758562.5, 109.1, 1.5);
(406537.5, 3758612.5, 111.3, 1.5);	(406562.5, 3758562.5, 110.0, 1.5);
(406612.5, 3758562.5, 110.8, 1.5);	(406662.5, 3758562.5, 110.0, 1.5);
(406712.5, 3758562.5, 112.0, 1.5);	(406762.5, 3758562.5, 112.0, 1.5);
(406812.5, 3758562.5, 110.7, 1.5);	(406862.5, 3758562.5, 109.8, 1.5);
(406912.5, 3758562.5, 116.1, 1.5);	(406962.5, 3758562.5, 118.1, 1.5);
(407012.5, 3758562.5, 120.6, 1.5);	(407062.5, 3758562.5, 122.6, 1.5);
(407112.5, 3758562.5, 126.1, 1.5);	(407162.5, 3758562.5, 127.1, 1.5);
(407212.5, 3758562.5, 139.0, 1.5);	(407262.5, 3758562.5, 139.8, 1.5);
(407312.5, 3758562.5, 142.0, 1.5);	(407362.5, 3758562.5, 146.2, 1.5);
(407412.5, 3758562.5, 152.1, 1.5);	(407462.5, 3758562.5, 157.2, 1.5);
(407512.5, 3758562.5, 147.3, 1.5);	(407562.5, 3758562.5, 0.0, 1.5);
(407612.5, 3758562.5, 0.0, 1.5);	(407662.5, 3758562.5, 0.0, 1.5);
(407712.5, 3758562.5, 0.0, 1.5);	(407762.5, 3758562.5, 0.0, 1.5);
(407812.5, 3758562.5, 0.0, 1.5);	(407862.5, 3758562.5, 0.0, 1.5);

• *** ISCS3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT ***
 *** ANALYSIS PEAK HR NOx emissions mitigated

*** 07/29/11
 *** 11:59:36
 *** PAGE 40

**MODELOPTs: URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(407912.5, 3758562.5, 0.0, 1.5);	(407962.5, 3758562.5, 0.0, 1.5);
(408012.5, 3758562.5, 0.0, 1.5);	(408062.5, 3758562.5, 0.0, 1.5);
(408112.5, 3758562.5, 0.0, 1.5);	(405987.5, 3759987.5, 228.1, 1.5);
(405987.5, 3759937.5, 218.6, 1.5);	(405987.5, 3759887.5, 212.3, 1.5);
(405987.5, 3759837.5, 197.9, 1.5);	(405987.5, 3759787.5, 191.2, 1.5);
(405987.5, 3759737.5, 190.5, 1.5);	(405987.5, 3759687.5, 168.9, 1.5);
(405987.5, 3759637.5, 163.7, 1.5);	(405987.5, 3759587.5, 159.7, 1.5);
(405987.5, 3759537.5, 161.8, 1.5);	(405987.5, 3759487.5, 162.0, 1.5);
(405987.5, 3759437.5, 158.7, 1.5);	(405987.5, 3759387.5, 148.9, 1.5);
(405987.5, 3759337.5, 139.7, 1.5);	(405987.5, 3759287.5, 129.9, 1.5);
(405987.5, 3759237.5, 122.7, 1.5);	(405987.5, 3759187.5, 115.0, 1.5);
(405987.5, 3759137.5, 114.7, 1.5);	(405987.5, 3759087.5, 112.0, 1.5);
(405987.5, 3759037.5, 109.0, 1.5);	(405987.5, 3758987.5, 109.0, 1.5);
(405987.5, 3758937.5, 107.7, 1.5);	(405987.5, 3758887.5, 105.0, 1.5);
(405987.5, 3758837.5, 103.0, 1.5);	(405987.5, 3758787.5, 101.0, 1.5);
(405987.5, 3758737.5, 99.0, 1.5);	(405987.5, 3758687.5, 97.7, 1.5);

Appendix B

NOx Peak Hour Emissions Mitigated

(406037.5, 3759987.5,	215.7,	1.5);	(406037.5, 3759837.5,	192.5,	1.5);
(406037.5, 3759787.5,	184.0,	1.5);	(406037.5, 3759737.5,	179.8,	1.5);
(406037.5, 3759687.5,	170.7,	1.5);	(406037.5, 3759637.5,	164.2,	1.5);
(406037.5, 3759587.5,	160.2,	1.5);	(406037.5, 3759537.5,	157.6,	1.5);
(406037.5, 3759487.5,	146.4,	1.5);	(406037.5, 3759437.5,	141.2,	1.5);
(406037.5, 3759387.5,	139.4,	1.5);	(406037.5, 3759337.5,	133.2,	1.5);
(406037.5, 3759287.5,	127.3,	1.5);	(406037.5, 3759237.5,	120.9,	1.5);
(406037.5, 3759187.5,	118.0,	1.5);	(406037.5, 3759137.5,	116.0,	1.5);
(406037.5, 3759087.5,	114.0,	1.5);	(406037.5, 3759037.5,	111.7,	1.5);
(406037.5, 3758987.5,	111.0,	1.5);	(406037.5, 3758937.5,	109.0,	1.5);
(406037.5, 3758887.5,	106.7,	1.5);	(406037.5, 3758837.5,	104.0,	1.5);
(406037.5, 3758787.5,	102.7,	1.5);	(406037.5, 3758737.5,	100.7,	1.5);
(406037.5, 3758687.5,	98.0,	1.5);	(406087.5, 3759987.5,	196.7,	1.5);
(406087.5, 3759837.5,	156.9,	1.5);	(406087.5, 3759787.5,	152.5,	1.5);
(406087.5, 3759737.5,	151.3,	1.5);	(406087.5, 3759687.5,	149.5,	1.5);
(406087.5, 3759637.5,	149.5,	1.5);	(406087.5, 3759587.5,	146.6,	1.5);
(406087.5, 3759537.5,	142.0,	1.5);	(406087.5, 3759487.5,	141.2,	1.5);
(406087.5, 3759437.5,	132.6,	1.5);	(406087.5, 3759387.5,	128.4,	1.5);
(406087.5, 3759337.5,	127.0,	1.5);	(406087.5, 3759287.5,	128.2,	1.5);
(406087.5, 3759237.5,	121.0,	1.5);	(406087.5, 3759187.5,	120.0,	1.5);
(406087.5, 3759137.5,	118.0,	1.5);	(406087.5, 3759087.5,	116.0,	1.5);
(406087.5, 3759037.5,	114.0,	1.5);	(406087.5, 3758987.5,	112.7,	1.5);
(406087.5, 3758937.5,	110.0,	1.5);	(406087.5, 3758887.5,	108.7,	1.5);
(406087.5, 3758837.5,	106.0,	1.5);	(406087.5, 3758787.5,	104.0,	1.5);
(406087.5, 3758737.5,	102.0,	1.5);	(406087.5, 3758687.5,	100.0,	1.5);
(406137.5, 3759987.5,	167.9,	1.5);	(406137.5, 3759837.5,	148.9,	1.5);
(406137.5, 3759787.5,	147.9,	1.5);	(406137.5, 3759737.5,	147.5,	1.5);
(406137.5, 3759687.5,	147.5,	1.5);	(406137.5, 3759637.5,	143.7,	1.5);
(406137.5, 3759587.5,	141.9,	1.5);	(406137.5, 3759537.5,	139.3,	1.5);

*** IS CST3 - VERSION 02035 *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions mitigated

*** 07/29/11
 *** 11:59:36
 *** PAGE 41

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406137.5, 3759487.5,	130.4,	1.5);	(406137.5, 3759437.5,	130.8,	1.5);
(406137.5, 3759387.5,	133.5,	1.5);	(406137.5, 3759337.5,	132.6,	1.5);
(406137.5, 3759287.5,	130.7,	1.5);	(406137.5, 3759237.5,	124.9,	1.5);
(406137.5, 3759187.5,	122.7,	1.5);	(406137.5, 3759137.5,	120.0,	1.5);
(406137.5, 3759087.5,	118.0,	1.5);	(406137.5, 3759037.5,	116.0,	1.5);
(406137.5, 3758987.5,	115.0,	1.5);	(406137.5, 3758937.5,	112.7,	1.5);
(406137.5, 3758887.5,	110.0,	1.5);	(406137.5, 3758837.5,	108.0,	1.5);
(406137.5, 3758787.5,	105.0,	1.5);	(406137.5, 3758737.5,	103.0,	1.5);
(406137.5, 3758687.5,	101.0,	1.5);	(406187.5, 3759437.5,	148.5,	1.5);
(406187.5, 3759387.5,	143.3,	1.5);	(406187.5, 3759337.5,	141.0,	1.5);
(406187.5, 3759287.5,	133.9,	1.5);	(406187.5, 3759237.5,	127.0,	1.5);
(406187.5, 3759187.5,	124.0,	1.5);	(406187.5, 3759137.5,	122.0,	1.5);
(406187.5, 3759087.5,	120.0,	1.5);	(406187.5, 3759037.5,	118.0,	1.5);
(406187.5, 3758987.5,	116.7,	1.5);	(406187.5, 3758937.5,	114.0,	1.5);
(406187.5, 3758887.5,	111.7,	1.5);	(406187.5, 3758837.5,	109.0,	1.5);
(406187.5, 3758787.5,	106.0,	1.5);	(406187.5, 3758737.5,	103.9,	1.5);
(406187.5, 3758687.5,	102.0,	1.5);	(406237.5, 3759437.5,	152.9,	1.5);
(406237.5, 3759387.5,	147.2,	1.5);	(406237.5, 3759337.5,	140.9,	1.5);
(406237.5, 3759287.5,	135.9,	1.5);	(406237.5, 3759237.5,	129.9,	1.5);
(406237.5, 3759187.5,	126.0,	1.5);	(406237.5, 3759137.5,	123.0,	1.5);
(406237.5, 3759087.5,	121.7,	1.5);	(406237.5, 3759037.5,	119.0,	1.5);
(406237.5, 3758987.5,	117.0,	1.5);	(406237.5, 3758937.5,	114.9,	1.5);
(406237.5, 3758887.5,	112.0,	1.5);	(406237.5, 3758837.5,	109.9,	1.5);
(406237.5, 3758787.5,	107.0,	1.5);	(406237.5, 3758737.5,	104.9,	1.5);
(406237.5, 3758687.5,	103.0,	1.5);	(406287.5, 3759437.5,	155.0,	1.5);
(406287.5, 3759387.5,	152.7,	1.5);	(406287.5, 3759337.5,	141.7,	1.5);
(406287.5, 3759287.5,	136.9,	1.5);	(406287.5, 3759237.5,	131.9,	1.5);
(406287.5, 3759187.5,	127.0,	1.5);	(406287.5, 3759137.5,	124.7,	1.5);
(406287.5, 3759087.5,	122.0,	1.5);	(406287.5, 3759037.5,	119.9,	1.5);
(406287.5, 3758987.5,	117.0,	1.5);	(406287.5, 3758937.5,	114.9,	1.5);
(406287.5, 3758887.5,	112.0,	1.5);	(406287.5, 3758837.5,	109.0,	1.5);
(406287.5, 3758787.5,	108.0,	1.5);	(406287.5, 3758737.5,	105.7,	1.5);
(406287.5, 3758687.5,	104.7,	1.5);	(406337.5, 3759437.5,	154.9,	1.5);
(406337.5, 3759387.5,	152.2,	1.5);	(406337.5, 3759337.5,	144.9,	1.5);
(406337.5, 3759287.5,	138.0,	1.5);	(406337.5, 3759237.5,	133.0,	1.5);
(406337.5, 3759187.5,	128.9,	1.5);	(406337.5, 3759137.5,	125.7,	1.5);
(406337.5, 3759087.5,	122.0,	1.5);	(406337.5, 3759037.5,	120.0,	1.5);

Appendix B

NOx Peak Hour Emissions Mitigated

(406337.5, 3758987.5,	117.0,	1.5);	(406337.5, 3758937.5,	114.0,	1.5);
(406337.5, 3758887.5,	112.0,	1.5);	(406337.5, 3758837.5,	109.2,	1.5);
(406337.5, 3758787.5,	108.0,	1.5);	(406337.5, 3758737.5,	106.7,	1.5);
(406337.5, 3758687.5,	105.8,	1.5);	(406387.5, 3759337.5,	139.9,	1.5);
(406387.5, 3759287.5,	136.9,	1.5);	(406387.5, 3759237.5,	133.0,	1.5);
(406387.5, 3759187.5,	129.7,	1.5);	(406387.5, 3759137.5,	125.9,	1.5);
(406387.5, 3759087.5,	123.0,	1.5);	(406387.5, 3759037.5,	120.0,	1.5);
(406387.5, 3758987.5,	117.7,	1.5);	(406387.5, 3758937.5,	114.9,	1.5);

• *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36
 MODELOPTs: *

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406387.5, 3758887.5,	110.9,	1.5);	(406387.5, 3758837.5,	109.0,	1.5);
(406387.5, 3758787.5,	108.0,	1.5);	(406387.5, 3758737.5,	108.0,	1.5);
(406387.5, 3758687.5,	108.0,	1.5);	(406437.5, 3759337.5,	138.9,	1.5);
(406437.5, 3759287.5,	136.0,	1.5);	(406437.5, 3759237.5,	134.0,	1.5);
(406437.5, 3759187.5,	129.9,	1.5);	(406437.5, 3759137.5,	125.9,	1.5);
(406437.5, 3759087.5,	123.0,	1.5);	(406437.5, 3759037.5,	120.0,	1.5);
(406437.5, 3758987.5,	118.0,	1.5);	(406437.5, 3758937.5,	115.9,	1.5);
(406437.5, 3758887.5,	111.7,	1.5);	(406437.5, 3758837.5,	109.0,	1.5);
(406437.5, 3758787.5,	109.0,	1.5);	(406437.5, 3758737.5,	109.0,	1.5);
(406437.5, 3758687.5,	110.0,	1.5);	(406487.5, 3759287.5,	136.9,	1.5);
(406487.5, 3759237.5,	133.9,	1.5);	(406487.5, 3759187.5,	129.0,	1.5);
(406487.5, 3759137.5,	126.0,	1.5);	(406487.5, 3759087.5,	123.0,	1.5);
(406487.5, 3759037.5,	120.7,	1.5);	(406487.5, 3758987.5,	118.9,	1.5);
(406487.5, 3758937.5,	116.7,	1.5);	(406487.5, 3758887.5,	113.0,	1.5);
(406487.5, 3758837.5,	111.7,	1.5);	(406487.5, 3758787.5,	111.8,	1.5);
(406487.5, 3758737.5,	112.0,	1.5);	(406487.5, 3758687.5,	111.7,	1.5);
(406537.5, 3759237.5,	134.0,	1.5);	(406537.5, 3759187.5,	130.0,	1.5);
(406537.5, 3759137.5,	126.9,	1.5);	(406537.5, 3759087.5,	124.7,	1.5);
(406537.5, 3759037.5,	122.0,	1.5);	(406537.5, 3758987.5,	118.9,	1.5);
(406537.5, 3758937.5,	115.9,	1.5);	(406537.5, 3758887.5,	115.0,	1.5);
(406537.5, 3758837.5,	116.0,	1.5);	(406537.5, 3758787.5,	115.8,	1.5);
(406537.5, 3758737.5,	114.7,	1.5);	(406537.5, 3758687.5,	113.7,	1.5);
(406587.5, 3759237.5,	136.7,	1.5);	(406587.5, 3759187.5,	133.0,	1.5);
(406587.5, 3759137.5,	129.0,	1.5);	(406587.5, 3759087.5,	126.0,	1.5);
(406587.5, 3759037.5,	123.0,	1.5);	(406587.5, 3758987.5,	120.0,	1.5);
(406587.5, 3758937.5,	118.8,	1.5);	(406587.5, 3758887.5,	118.8,	1.5);
(406587.5, 3758837.5,	118.8,	1.5);	(406587.5, 3758787.5,	117.7,	1.5);
(406587.5, 3758737.5,	116.0,	1.5);	(406587.5, 3758687.5,	115.0,	1.5);
(406587.5, 3758637.5,	113.0,	1.5);	(406637.5, 3759187.5,	135.0,	1.5);
(406637.5, 3759137.5,	130.9,	1.5);	(406637.5, 3759087.5,	128.0,	1.5);
(406637.5, 3759037.5,	123.0,	1.5);	(406637.5, 3758987.5,	122.0,	1.5);
(406637.5, 3758937.5,	122.7,	1.5);	(406637.5, 3758887.5,	122.7,	1.5);
(406637.5, 3758837.5,	121.0,	1.5);	(406637.5, 3758787.5,	119.0,	1.5);
(406637.5, 3758737.5,	117.0,	1.5);	(406637.5, 3758687.5,	115.9,	1.5);
(406687.5, 3759137.5,	130.9,	1.5);	(406687.5, 3759087.5,	128.0,	1.5);
(406687.5, 3759037.5,	127.0,	1.5);	(406687.5, 3758987.5,	126.9,	1.5);
(406687.5, 3758937.5,	126.7,	1.5);	(406687.5, 3758887.5,	123.9,	1.5);
(406687.5, 3758837.5,	122.0,	1.5);	(406687.5, 3758737.5,	117.0,	1.5);
(406737.5, 3759137.5,	133.7,	1.5);	(406737.5, 3759037.5,	133.7,	1.5);
(406737.5, 3758987.5,	130.9,	1.5);	(406737.5, 3758937.5,	127.2,	1.5);
(406737.5, 3758637.5,	117.0,	1.5);	(406787.5, 3759037.5,	138.7,	1.5);
(406787.5, 3758987.5,	131.9,	1.5);	(406787.5, 3758937.5,	127.0,	1.5);
(406787.5, 3758687.5,	120.0,	1.5);	(406787.5, 3758637.5,	116.0,	1.5);
(406837.5, 3758737.5,	123.9,	1.5);	(406837.5, 3758687.5,	122.0,	1.5);
(406837.5, 3758637.5,	118.0,	1.5);	(406887.5, 3758787.5,	126.7,	1.5);

• *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36
 MODELOPTs: *

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406887.5, 3758737.5,	123.9,	1.5);	(406887.5, 3758687.5,	120.9,	1.5);
(406887.5, 3758637.5,	117.0,	1.5);	(406937.5, 3758737.5,	123.0,	1.5);
(406937.5, 3758687.5,	119.9,	1.5);	(406937.5, 3758637.5,	115.9,	1.5);

Appendix B

NOx Peak Hour Emissions Mitigated

(406987.5, 3758737.5, 123.0, 1.5);	(406987.5, 3758687.5, 119.9, 1.5);
(406987.5, 3758637.5, 115.0, 1.5);	(407037.5, 3758687.5, 118.1, 1.5);
(407037.5, 3758637.5, 116.0, 1.5);	(407087.5, 3758637.5, 122.0, 1.5);
(407137.5, 3758637.5, 124.8, 1.5);	(407187.5, 3758637.5, 128.7, 1.5);
(407237.5, 3758637.5, 133.7, 1.5);	(407287.5, 3758637.5, 139.8, 1.5);
(407337.5, 3758637.5, 144.7, 1.5);	(407387.5, 3758637.5, 149.5, 1.5);
(407437.5, 3758637.5, 154.0, 1.5);	(407487.5, 3758637.5, 149.4, 1.5);
(407537.5, 3758637.5, 0.0, 1.5);	(407587.5, 3758637.5, 0.0, 1.5);
(407637.5, 3758637.5, 0.0, 1.5);	(407687.5, 3758637.5, 0.0, 1.5);
(407737.5, 3758637.5, 0.0, 1.5);	(407787.5, 3758637.5, 0.0, 1.5);
(407837.5, 3758637.5, 0.0, 1.5);	(407887.5, 3758637.5, 0.0, 1.5);
(407937.5, 3758637.5, 0.0, 1.5);	(407987.5, 3758637.5, 0.0, 1.5);
(408037.5, 3758637.5, 0.0, 1.5);	(408087.5, 3758637.5, 0.0, 1.5);
(405987.5, 3758637.5, 96.0, 1.5);	(405987.5, 3758587.5, 94.7, 1.5);
(406037.5, 3758637.5, 97.0, 1.5);	(406037.5, 3758587.5, 95.7, 1.5);
(406087.5, 3758637.5, 98.0, 1.5);	(406087.5, 3758587.5, 97.0, 1.5);
(406137.5, 3758637.5, 99.0, 1.5);	(406137.5, 3758587.5, 98.0, 1.5);
(406187.5, 3758637.5, 101.0, 1.5);	(406187.5, 3758587.5, 99.8, 1.5);
(406237.5, 3758637.5, 102.0, 1.5);	(406237.5, 3758587.5, 101.7, 1.5);
(406287.5, 3758637.5, 103.8, 1.5);	(406287.5, 3758587.5, 103.8, 1.5);
(406337.5, 3758637.5, 105.0, 1.5);	(406337.5, 3758587.5, 105.0, 1.5);
(406387.5, 3758637.5, 107.0, 1.5);	(406387.5, 3758587.5, 106.0, 1.5);
(406437.5, 3758637.5, 109.0, 1.5);	(406437.5, 3758587.5, 108.0, 1.5);
(406487.5, 3758637.5, 110.7, 1.5);	(406487.5, 3758587.5, 109.0, 1.5);
(406537.5, 3758637.5, 112.0, 1.5);	(406537.5, 3758587.5, 110.7, 1.5);
(406587.5, 3758587.5, 111.0, 1.5);	(406737.5, 3758587.5, 113.9, 1.5);
(406787.5, 3758587.5, 115.7, 1.5);	(406837.5, 3758587.5, 113.1, 1.5);
(406887.5, 3758587.5, 108.0, 1.5);	(406937.5, 3758587.5, 116.0, 1.5);
(406987.5, 3758587.5, 118.0, 1.5);	(407037.5, 3758587.5, 121.8, 1.5);
(407087.5, 3758587.5, 123.0, 1.5);	(407137.5, 3758587.5, 126.0, 1.5);
(407187.5, 3758587.5, 132.6, 1.5);	(407237.5, 3758587.5, 137.7, 1.5);
(407287.5, 3758587.5, 139.0, 1.5);	(407337.5, 3758587.5, 143.8, 1.5);
(407387.5, 3758587.5, 150.3, 1.5);	(407437.5, 3758587.5, 154.7, 1.5);
(407487.5, 3758587.5, 151.4, 1.5);	(407537.5, 3758587.5, 0.0, 1.5);
(407587.5, 3758587.5, 0.0, 1.5);	(407637.5, 3758587.5, 0.0, 1.5);
(407687.5, 3758587.5, 0.0, 1.5);	(407737.5, 3758587.5, 0.0, 1.5);
(407787.5, 3758587.5, 0.0, 1.5);	(407837.5, 3758587.5, 0.0, 1.5);
(407887.5, 3758587.5, 0.0, 1.5);	(407937.5, 3758587.5, 0.0, 1.5);
(407987.5, 3758587.5, 0.0, 1.5);	(408037.5, 3758587.5, 0.0, 1.5);
(408087.5, 3758587.5, 0.0, 1.5);	(408749.8, 3760427.5, 0.0, 0.0);
(408576.4, 3760430.5, 0.0, 0.0);	(408341.8, 3760655.3, 0.0, 0.0);
(408422.1, 3760726.5, 0.0, 0.0);	(408612.5, 3760597.3, 0.0, 0.0);

* *** ISCSST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

*** ANALYSIS PEAK HR NOx emissions mitigated

07/29/11

11:59:36

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**MODELOPTs:

CONC URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZFLAG)

(METERS)

(408737.2, 3760284.3, 0.0, 0.0);	(407589.2, 3757492.8, 0.0, 0.0);
(406297.8, 3757662.0, 87.0, 0.0);	(406584.2, 3757389.8, 79.0, 0.0);
(407118.8, 3757983.5, 114.2, 0.0);	(406874.3, 3758349.8, 116.0, 0.0);
(406620.2, 3758321.0, 107.0, 0.0);	(406622.5, 3757771.8, 94.1, 0.0);
(406913.0, 3757488.0, 86.7, 0.0);	(406700.6, 3757538.3, 87.1, 0.0);
(407066.2, 3757290.8, 86.2, 0.0);	(407127.3, 3757406.5, 92.0, 0.0);
(408971.5, 3759219.3, 0.0, 0.0);	(408922.5, 3758958.8, 0.0, 0.0);
(408826.5, 3758876.0, 0.0, 0.0);	(409072.4, 3758868.3, 0.0, 0.0);
(408995.0, 3758728.5, 0.0, 0.0);	(408227.3, 3758224.5, 0.0, 0.0);
(408139.7, 3758492.5, 0.0, 0.0);	(408582.0, 3758154.3, 0.0, 0.0);
(408461.6, 3758025.8, 0.0, 0.0);	(407729.4, 3758130.8, 0.0, 0.0);
(407645.4, 3757976.3, 0.0, 0.0);	(407482.9, 3757723.5, 130.9, 0.0);
(405320.4, 3759820.0, 121.0, 0.0);	(405904.1, 3759261.5, 124.5, 0.0);
(405691.5, 3759433.3, 136.0, 0.0);	(405617.4, 3759631.3, 165.1, 0.0);
(405524.7, 3759523.8, 131.7, 0.0);	(405402.4, 3759491.8, 129.0, 0.0);
(405646.0, 3759323.0, 120.1, 0.0);	(405616.3, 3759173.5, 105.0, 0.0);
(405512.6, 3759095.0, 98.0, 0.0);	(405377.5, 3759043.0, 95.0, 0.0);
(405466.3, 3758975.8, 94.0, 0.0);	(405527.8, 3758925.3, 94.0, 0.0);
(406550.6, 3758915.0, 116.0, 0.0);	(406480.5, 3759093.0, 123.0, 0.0);
(406259.7, 3759222.5, 129.4, 0.0);	(406195.8, 3759106.8, 120.9, 0.0);
(406070.3, 3759025.3, 113.0, 0.0);	(405757.6, 3758923.0, 101.4, 0.0);
(405844.4, 3758855.3, 100.8, 0.0);	(406318.1, 3758856.0, 110.8, 0.0);
(406403.5, 3759010.5, 119.1, 0.0);	(406352.0, 3759038.5, 120.0, 0.0);
(406045.0, 3760461.3, 192.0, 0.0);	(407358.3, 3758534.5, 147.9, 0.0);

Appendix B

NOx Peak Hour Emissions Mitigated

Table with 8 columns of numerical data and 3 rows of project information including ISCSST3 - VERSION 02035, WHITTIER MATRIX OIL PROJECT, ANALYSIS PEAK HR NOx emissions mitigated, and MODELPTS: CONC URBAN ELEV FLGPOL NOCALM.

METEOROLOGICAL DAYS SELECTED FOR PROCESSING

Grid of 1s and 0s representing meteorological days selected for processing, with 1=YES and 0=NO.

METEOROLOGICAL DATA PROCESSED BETWEEN START DATE: 1981 1 1 0 AND END DATE: 1981 12 31 24

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES (METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

WIND PROFILE EXPONENTS

Table with 7 columns: STABILITY CATEGORY (A-F) and WIND SPEED CATEGORY (1-6). Values range from .15000E+00 to .30000E+00.

VERTICAL POTENTIAL TEMPERATURE GRADIENTS (DEGREES KELVIN PER METER)

Table with 7 columns: STABILITY CATEGORY (A-E) and WIND SPEED CATEGORY (1-6). Values range from .00000E+00 to .20000E-01.

Appendix B

NOx Peak Hour Emissions Mitigated

F .35000E-01 .35000E-01 .35000E-01 .35000E-01 .35000E-01 .35000E-01
 *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36
 **MODELOPTs: **
 CONC URBAN ELEV FLGPOL NOCALM PAGE 46

*** THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

FILE: c:\ISC\whittier.asc
 FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)
 SURFACE STATION NO.: 53114 UPPER AIR STATION NO.: 91919
 NAME: LOSANGELES NAME: LOSANGELES
 YEAR: 1981 YEAR: 1981

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING HEIGHT (M) RURAL	MIXING HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
81	01	01	01	179.8	1.00	282.6	7	387.2	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	02	169.9	0.00	282.6	7	397.3	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	03	85.0	1.00	283.1	7	407.3	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	04	256.0	1.00	283.7	7	417.4	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	05	174.0	1.00	281.5	7	427.5	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	06	117.0	1.00	281.5	7	437.5	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	07	184.5	1.00	280.4	7	447.6	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	08	134.6	1.00	282.0	6	71.6	202.6	0.0000	0.0	0.0000	0	0.00
81	01	01	09	96.5	1.00	286.5	5	146.0	255.1	0.0000	0.0	0.0000	0	0.00
81	01	01	10	324.1	1.00	290.4	4	220.4	307.7	0.0000	0.0	0.0000	0	0.00
81	01	01	11	314.1	1.34	294.3	3	294.8	360.3	0.0000	0.0	0.0000	0	0.00
81	01	01	12	305.6	1.79	295.4	3	369.2	412.9	0.0000	0.0	0.0000	0	0.00
81	01	01	13	289.7	1.79	297.6	3	443.6	465.4	0.0000	0.0	0.0000	0	0.00
81	01	01	14	259.2	1.34	295.9	2	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	01	01	15	359.8	1.34	294.8	2	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	01	01	16	8.2	1.79	293.1	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	01	01	17	357.6	1.34	290.4	4	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	01	01	18	52.6	1.00	288.1	5	518.0	468.1	0.0000	0.0	0.0000	0	0.00
81	01	01	19	358.0	1.00	287.6	6	518.0	425.6	0.0000	0.0	0.0000	0	0.00
81	01	01	20	33.2	1.00	287.0	7	518.0	383.1	0.0000	0.0	0.0000	0	0.00
81	01	01	21	178.6	1.00	285.9	7	518.0	340.6	0.0000	0.0	0.0000	0	0.00
81	01	01	22	137.0	1.00	285.9	7	518.0	298.0	0.0000	0.0	0.0000	0	0.00
81	01	01	23	90.7	1.00	285.4	7	518.0	255.5	0.0000	0.0	0.0000	0	0.00
81	01	01	24	134.7	1.00	284.8	7	518.0	213.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
 FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.
 *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36
 **MODELOPTs: **
 CONC URBAN ELEV FLGPOL NOCALM PAGE 47

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
409779.53	3759787.50	9.51015	(81071908)	409779.34	3759762.50	9.50342	(81071908)
409779.19	3759737.50	9.46419	(81071908)	409779.03	3759712.50	9.39281	(81071908)
409778.88	3759687.50	9.28992	(81071908)	409778.72	3759662.50	9.15644	(81071908)
409778.53	3759637.50	8.99373	(81071908)	409778.38	3759612.50	8.80313	(81071908)
409778.22	3759587.50	9.30978	(81120717)	409778.06	3759562.50	9.81876	(81120717)
409777.88	3759537.50	10.28940	(81120717)	409777.72	3759512.50	10.71376	(81120717)
409777.56	3759487.50	11.08480	(81120717)	409777.41	3759462.50	11.39616	(81120717)
409777.25	3759437.50	11.64246	(81120717)	409777.06	3759412.50	11.81954	(81120717)
409776.91	3759387.50	11.92420	(81120717)	409776.75	3759362.50	11.95486	(81120717)
409776.56	3759337.50	11.91131	(81120717)	409776.41	3759312.50	11.79445	(81120717)
409776.25	3759287.50	11.94039	(81090808)	409776.09	3759262.50	12.14787	(81090808)
409775.94	3759237.50	12.28235	(81090808)	409775.66	3759212.50	12.34217	(81090808)
409775.38	3759187.50	12.32616	(81090808)	409775.13	3759162.50	12.23494	(81090808)
409774.84	3759137.50	12.07071	(81090808)	409774.59	3759112.50	11.83667	(81090808)

Appendix B

NOx Peak Hour Emissions Mitigated

409774.31	3759087.50	11.53740	(81090808)	409774.03	3759062.50	11.17838	(81090808)
409773.78	3759037.50	10.76601	(81090808)	409765.25	3759020.25	10.44910	(81090808)
409740.25	3759020.50	10.43766	(81090808)	409715.25	3759021.00	10.42913	(81090808)
409690.25	3759021.25	10.41366	(81090808)	409665.25	3759021.50	10.39599	(81090808)
409640.25	3759021.75	10.37606	(81090808)	409615.25	3759022.25	10.35925	(81090808)
409590.25	3759022.50	10.33467	(81090808)	409565.25	3759022.75	10.30758	(81090808)
409540.25	3759023.25	10.28377	(81090808)	409515.28	3759024.25	10.26959	(81090808)
409490.28	3759025.25	10.25339	(81090808)	409465.31	3759026.50	10.24146	(81090808)
409440.34	3759027.00	10.24475	(81021308)	409415.34	3759027.75	10.36485	(81021308)
409390.34	3759027.75	10.49111	(81021308)	409365.34	3759028.50	10.61014	(81021308)
409340.34	3759029.00	10.73044	(81021308)	409315.38	3759029.50	10.84951	(81021308)
409290.38	3759030.00	10.96745	(81021308)	409265.38	3759030.50	11.08387	(81021308)
409240.38	3759031.00	11.19852	(81021308)	409215.38	3759031.50	11.31114	(81021308)
409190.38	3759032.00	11.42144	(81021308)	409165.41	3759032.50	11.52899	(81021308)
409140.41	3759033.00	11.63373	(81021308)	409115.41	3759033.50	11.73519	(81021308)
409090.41	3759034.00	11.83299	(81021308)	409065.41	3759034.50	11.92676	(81021308)
409040.41	3759035.00	12.01608	(81021308)	409015.44	3759035.50	12.10042	(81021308)
408990.44	3759036.25	12.18054	(81021308)	408965.44	3759036.75	12.25411	(81021308)
408940.44	3759037.25	12.32136	(81021308)	408915.44	3759037.75	12.38176	(81021308)
408890.47	3759038.25	12.43470	(81021308)	408865.47	3759038.75	12.47971	(81021308)
408840.47	3759039.25	12.51611	(81021308)	408815.47	3759039.75	12.54329	(81021308)
408790.47	3759040.25	12.56058	(81021308)	408765.47	3759040.75	12.56732	(81021308)
408740.50	3759041.25	12.56284	(81021308)	408715.50	3759041.75	12.54640	(81021308)
408690.50	3759042.25	12.51730	(81021308)	408665.50	3759042.75	12.47481	(81021308)
408640.50	3759043.25	12.49243	(81082008)	408615.50	3759044.00	13.03034	(81082008)
408590.53	3759044.50	13.59501	(81082008)	408581.91	3759028.75	14.51536	(81082008)

• *** IS CST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

*** ANALYSIS PEAK HR NOx emissions mitigated

*** 07/29/11

*** 11:59:36

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**MODELOPTs:

CONC

URBAN ELEV

FLGPOL

NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
408581.59	3759004.00	15.56402	(81082008)	408581.28	3758979.00	16.49921	(81082008)
408580.97	3758954.00	17.28532	(81082008)	408580.66	3758929.00	17.90243	(81082008)
408580.31	3758904.00	18.33645	(81082008)	408580.00	3758879.00	18.57770	(81082008)
408579.69	3758854.00	18.62413	(81082008)	408579.38	3758829.00	18.47904	(81082008)
408579.06	3758804.00	18.15125	(81082008)	408578.75	3758779.00	17.65447	(81082008)
408578.44	3758754.00	17.00651	(81082008)	408578.13	3758729.00	16.22829	(81082008)
408567.84	3758707.50	15.34788	(81082008)	408550.69	3758689.50	14.39339	(81082008)
408533.56	3758671.25	13.32986	(81082008)	408513.78	3758658.50	12.39072	(81082008)
408488.78	3758658.75	11.89877	(81082008)	408463.78	3758659.25	11.39276	(81082008)
408438.78	3758659.75	11.04830	(81082709)	408413.78	3758660.25	11.53934	(81082709)
408388.78	3758660.50	12.03731	(81082709)	408363.78	3758661.00	12.52965	(81082709)
408338.81	3758661.50	13.01742	(81082709)	408313.81	3758662.00	13.49821	(81082709)
408288.81	3758662.50	13.96736	(81082709)	408263.81	3758662.75	14.42340	(81082709)
408238.81	3758663.25	14.85506	(81082709)	408213.81	3758663.75	15.26054	(81082709)
408188.81	3758664.25	15.63428	(81082709)	408163.81	3758664.50	15.97095	(81082709)
408138.84	3758665.00	16.26225	(81082709)	408113.84	3758665.50	16.50382	(81082709)
408088.84	3758666.00	16.68884	(81082709)	408063.84	3758666.25	16.80827	(81082709)
408038.84	3758666.75	17.05941	(81010509)	408013.84	3758667.25	17.36222	(81010509)
407988.84	3758667.75	18.38353	(81032207)	407963.84	3758668.25	19.97533	(81032207)
407938.84	3758668.50	21.53263	(81032207)	407913.88	3758669.00	22.99002	(81032207)
407888.88	3758669.50	24.31425	(81032207)	407863.88	3758670.00	25.45264	(81032207)
407838.88	3758670.25	26.35386	(81032207)	407813.88	3758670.75	26.96411	(81032207)
407788.88	3758671.25	27.24128	(81032207)	407763.88	3758671.75	27.14843	(81032207)
407738.88	3758672.25	26.66061	(81032207)	407713.91	3758672.50	25.75523	(81032207)
407688.91	3758673.00	24.46611	(81032207)	407663.91	3758673.50	22.81223	(81032207)
407638.91	3758674.00	20.84475	(81032207)	407613.91	3758674.25	21.27588	(81020708)
407588.91	3758674.75	23.56360	(81020708)	407563.91	3758675.25	25.56540	(81020708)
407538.91	3758675.75	27.13280	(81020708)	407513.94	3758676.25	70.56242	(81022506)
407488.91	3758676.75	79.25856	(81011704)	407463.97	3758678.00	82.03502	(81021623)
407439.00	3758679.25	83.92722	(81011504)	407414.03	3758680.75	82.04157	(81101706)
407389.06	3758682.00	80.07880	(81112206)	407364.09	3758683.25	77.09804	(81122403)
407339.13	3758684.75	72.82936	(81012606)	407314.16	3758686.00	68.39941	(81092505)
407289.19	3758687.25	66.39020	(81020124)	407264.22	3758688.75	62.00655	(81022505)
407239.28	3758690.00	59.31918	(81012604)	407214.31	3758691.25	55.89007	(81010904)
407189.34	3758692.75	46.70514	(81020601)	407164.38	3758694.00	37.02007	(81013005)
407139.41	3758695.25	29.38603	(81011707)	407114.44	3758696.50	27.15248	(81010101)

Appendix B

NOx Peak Hour Emissions Mitigated

407089.50	3758698.00	28.80981	(81021605)	407065.69	3758703.50	31.58250	(81013104)
407045.13	3758717.75	33.02718	(81010603)	407024.56	3758731.75	33.33408	(81020201)
407004.03	3758746.00	33.37443	(81012923)	406983.47	3758760.25	34.16978	(81010502)
406962.94	3758774.50	34.89602	(81122205)	406942.38	3758788.75	34.42513	(81012324)

• *** ISCS T3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK HR NOx emissions mitigated

*** 07/29/11
*** 11:59:36
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**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406921.81	3758803.00	34.30619	(81101605)	406901.25	3758817.25	33.14547	(81122204)
406883.91	3758804.50	29.57282	(81121502)	406866.50	3758786.50	28.88468	(81103023)
406849.06	3758768.50	28.94860	(81052702)	406828.84	3758753.75	27.18268	(81121506)
406808.59	3758739.00	26.10593	(81030806)	406788.38	3758724.50	23.92368	(81021423)
406768.13	3758709.75	22.48506	(81020606)	406747.91	3758695.00	21.29633	(81020401)
406730.00	3758678.50	20.71720	(81020401)	406717.97	3758656.75	20.64676	(81020401)
406705.94	3758634.75	20.31221	(81020606)	406693.88	3758612.75	19.22402	(81020606)
406681.84	3758591.00	18.95068	(81080607)	406667.50	3758575.50	18.60345	(81080607)
406646.56	3758589.25	17.59297	(81020401)	406625.63	3758603.00	17.76270	(81121507)
406625.50	3758621.50	17.71142	(81120307)	406639.09	3758642.50	17.57845	(81120307)
406652.69	3758663.50	18.16752	(81103005)	406666.25	3758684.50	18.66566	(81103005)
406679.84	3758705.50	19.73581	(81103005)	406693.44	3758726.50	20.23797	(81112205)
406707.03	3758747.50	20.61407	(81112205)	406720.81	3758768.00	20.72417	(81012203)
406700.25	3758782.00	21.85780	(81033105)	406681.69	3758797.25	22.39139	(81122407)
406695.59	3758818.00	22.69118	(81121407)	406709.50	3758839.00	23.82657	(81120106)
406723.44	3758859.75	24.65156	(81010201)	406737.34	3758880.50	25.49694	(81112923)
406756.84	3758895.50	26.38541	(81010201)	406778.28	3758908.50	28.25030	(81122407)
406799.72	3758921.25	31.34379	(81020702)	406821.16	3758934.25	32.69813	(81020705)
406830.97	3758956.25	34.34361	(81020702)	406839.75	3758979.75	35.67218	(81122407)
406848.53	3759003.25	41.67255	(81010201)	406844.09	3759021.75	48.30512	(81022704)
406823.38	3759035.75	59.66985	(81112002)	406802.63	3759049.75	60.64434	(81033104)
406781.88	3759063.75	60.23341	(81103004)	406761.16	3759077.75	59.74686	(81011807)
406740.41	3759091.50	48.92108	(81101501)	406747.50	3759112.50	51.55870	(81030307)
406760.22	3759134.00	55.86497	(81101324)	406747.75	3759150.00	49.13534	(81050504)
406732.22	3759166.50	45.37354	(81121101)	406714.66	3759177.00	46.65949	(81040605)
406693.59	3759190.50	48.84517	(81112003)	406672.50	3759204.00	48.99766	(81033103)
406651.41	3759217.25	49.58129	(81122608)	406630.34	3759230.75	48.46826	(81110904)
406609.25	3759244.25	47.09743	(81022606)	406588.16	3759257.75	45.58897	(81120404)
406567.09	3759271.00	43.23992	(81122424)	406546.00	3759284.50	42.01282	(81030224)
406524.91	3759298.00	40.74633	(81122207)	406503.81	3759311.50	38.82795	(81112104)
406482.75	3759324.75	37.50288	(81030304)	406461.66	3759338.25	36.39478	(81122905)
406440.59	3759351.75	35.09831	(81022222)	406419.50	3759365.25	34.12716	(81022302)
406398.41	3759378.50	33.97414	(81031504)	406377.03	3759392.25	34.07078	(81121822)
406375.66	3759417.25	34.09212	(81113024)	406374.28	3759442.25	35.17829	(81031402)
406372.91	3759467.25	36.36764	(81013002)	406351.53	3759469.50	46.81644	(81032104)
406326.53	3759468.75	51.45428	(81121923)	406301.56	3759468.00	55.26378	(81040906)
406276.56	3759467.25	54.18379	(81111919)	406251.56	3759466.50	54.05009	(81090903)
406226.59	3759465.75	54.83973	(81032105)	406201.59	3759465.00	53.16289	(81030801)
406176.59	3759464.25	34.92879	(81122806)	406171.34	3759484.50	28.67427	(81112107)
406171.63	3759509.50	25.16234	(81112104)	406171.91	3759534.50	26.55961	(81030804)

• *** ISCS T3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK HR NOx emissions mitigated

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406172.19	3759559.50	30.04657	(81122905)	406172.47	3759584.50	35.45603	(81112906)
406172.75	3759609.50	41.40896	(81122504)	406173.03	3759634.50	57.28926	(81111122)
406173.28	3759659.50	60.82932	(81122824)	406173.56	3759684.50	70.53618	(81112605)
406173.84	3759709.50	71.27629	(81022405)	406174.13	3759734.50	67.74077	(81122722)

Appendix B

NOx Peak Hour Emissions Mitigated

406174.41	3759759.50	72.92182	(81021807)	406174.69	3759784.50	72.56970	(81121602)
406174.97	3759809.50	68.88257	(81122724)	406175.22	3759834.50	69.20278	(81110401)
406175.50	3759859.50	64.55933	(81030903)	406152.34	3759859.50	56.07683	(81030903)
406127.34	3759859.00	44.87413	(81030903)	406102.34	3759858.25	46.83099	(81030903)
406077.38	3759857.50	67.31567	(81120923)	406052.38	3759856.75	65.76364	(81120923)
406041.31	3759871.00	65.18674	(81110401)	406041.56	3759896.00	64.87262	(81030903)
406041.84	3759921.00	64.57484	(81122822)	406042.09	3759946.00	64.86368	(81122507)
406042.38	3759971.00	68.75005	(81122507)	406067.34	3759972.50	69.47882	(81122507)
406092.34	3759973.50	67.03983	(81122507)	406117.31	3759974.25	66.64939	(81122901)
406142.31	3759975.00	67.95522	(81122201)	406167.31	3759975.75	56.19256	(81122605)
406187.16	3759980.75	58.55927	(81122904)	406187.44	3760005.75	58.42951	(81110704)
406187.69	3760030.75	60.05332	(81122206)	406187.97	3760055.75	62.90627	(81120722)
406188.25	3760080.75	67.51669	(81122503)	406188.50	3760105.75	66.31368	(81121505)
406188.78	3760130.75	65.84626	(81010908)	406189.06	3760155.75	65.35453	(81022701)
406189.31	3760180.75	64.44222	(81122907)	406189.59	3760205.75	67.28247	(81122907)
406189.88	3760230.75	69.64071	(81122907)	406190.13	3760255.50	68.77239	(81122907)
406198.22	3760273.75	68.09709	(81122907)	406223.22	3760274.50	70.42079	(81122502)
406248.19	3760275.25	72.31554	(81122502)	406270.56	3760282.00	73.65262	(81122502)
406289.75	3760298.25	73.93800	(81122502)	406308.91	3760314.25	73.85540	(81061520)
406328.09	3760330.25	73.02628	(81061520)	406347.25	3760346.25	72.55016	(81120905)
406366.44	3760362.25	72.64032	(81120905)	406385.59	3760378.50	73.81335	(81061520)
406404.78	3760394.50	73.59000	(81061520)	406423.94	3760410.50	73.70007	(81061520)
406438.56	3760430.50	71.65625	(81120905)	406453.13	3760451.00	69.08992	(81061420)
406464.50	3760468.50	67.13065	(81061420)	406439.66	3760465.75	65.92311	(81061420)
406414.84	3760462.75	64.63895	(81061420)	406390.31	3760458.25	63.58704	(81061420)
406365.97	3760452.75	62.96979	(81061420)	406354.47	3760461.75	61.81639	(81061420)
406362.25	3760484.25	63.14823	(81061420)	406383.81	3760497.00	63.55899	(81120905)
406405.22	3760509.75	63.70970	(81123108)	406422.63	3760527.50	63.38117	(81120905)
406440.06	3760545.50	62.86699	(81122909)	406459.63	3760554.25	61.13797	(81061420)
406482.22	3760543.50	61.39223	(81061420)	406504.78	3760532.75	61.63741	(81061420)
406527.34	3760522.00	62.57428	(81061420)	406549.91	3760511.25	63.72258	(81061420)
406572.50	3760500.50	64.68052	(81061420)	406596.63	3760494.75	65.52869	(81042820)
406621.09	3760489.75	66.97908	(81042820)	406645.00	3760486.75	66.56510	(81042820)
406667.09	3760498.50	66.00193	(81042820)	406684.06	3760513.00	66.15567	(81042820)
406685.72	3760538.00	64.99477	(81042820)	406687.41	3760563.00	63.45467	(81042820)
406689.06	3760587.75	62.13934	(81042820)	406690.72	3760612.75	61.31076	(81042820)

• *** ICSCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK HR NOx emissions mitigated

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1, 2, 3, 4,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406692.41	3760637.75	59.66179	(81042820)	406694.06	3760662.75	57.17421	(81042820)
406695.72	3760687.75	54.84848	(81042820)	406694.03	3760710.75	53.14125	(81042820)
406675.66	3760727.75	51.74419	(81042820)	406657.31	3760744.75	50.30499	(81042820)
406638.94	3760761.75	49.42548	(81042820)	406620.59	3760778.75	48.47418	(81042820)
406600.09	3760790.50	47.39004	(81042820)	406575.31	3760793.75	46.59153	(81042820)
406550.50	3760796.75	46.02596	(81042820)	406525.72	3760800.00	45.40031	(81042820)
406500.91	3760803.25	44.82511	(81042820)	406478.03	3760812.00	44.25813	(81042820)
406457.19	3760826.00	43.40379	(81042820)	406436.38	3760839.75	42.49670	(81042820)
406415.53	3760853.50	41.81086	(81061420)	406392.28	3760856.25	41.63886	(81061420)
406367.41	3760853.75	41.22361	(81061420)	406342.53	3760851.25	40.93513	(81061420)
406317.66	3760848.75	40.54887	(81061420)	406292.78	3760846.00	40.14709	(81061420)
406267.91	3760843.50	39.42776	(81061420)	406244.09	3760836.50	38.80824	(81061420)
406220.34	3760828.75	38.50550	(81061420)	406196.59	3760821.00	38.33282	(81061420)
406172.84	3760813.25	38.40261	(81061420)	406149.09	3760805.25	38.22057	(81061420)
406125.34	3760797.50	38.04090	(81061420)	406105.59	3760782.50	38.05107	(81061420)
406085.88	3760767.25	38.72296	(81061420)	406083.44	3760744.00	39.37194	(81061420)
406083.94	3760719.00	40.25894	(81061420)	406084.44	3760694.00	41.53465	(81061420)
406073.81	3760679.50	42.02665	(81061420)	406048.81	3760680.25	41.46699	(81061620)
406023.81	3760681.00	41.48862	(81061520)	405998.84	3760681.75	47.19304	(81122520)
405973.84	3760682.50	46.85357	(81122320)	405948.84	3760683.25	46.48276	(81122823)
405923.88	3760684.00	45.93944	(81123106)	405898.88	3760684.75	45.70697	(81020407)
405873.91	3760685.50	45.25284	(81123107)	405848.91	3760686.25	47.02868	(81123107)
405823.91	3760687.00	45.32560	(81123107)	405798.94	3760687.75	44.22723	(81011806)
405774.47	3760683.75	44.18272	(81122807)	405749.56	3760682.25	45.07264	(81041222)
405724.56	3760682.50	42.53379	(81012419)	405699.56	3760682.75	43.95933	(81122703)
405674.56	3760683.00	43.69502	(81022304)	405649.56	3760683.25	41.06003	(81122801)

Appendix B

NOx Peak Hour Emissions Mitigated

405632.09	3760691.50	40.59449	(81061402)	405632.81	3760716.50	40.39685	(81122801)	
405633.53	3760741.50	40.04908	(81022304)	405634.22	3760766.50	39.56363	(81122703)	
405634.94	3760791.50	39.36512	(81122703)	405635.63	3760816.50	38.94028	(81041222)	
405636.34	3760841.50	38.65422	(81122807)	405637.06	3760866.50	38.28345	(81022305)	
405637.75	3760891.50	37.83929	(81123107)	405638.47	3760916.50	37.41442	(81020407)	
405639.16	3760941.50	37.22560	(81020407)	405639.88	3760966.50	36.82081	(81030723)	
405644.09	3760990.75	36.57941	(81122823)	405653.31	3761014.00	36.30468	(81122320)	
405653.75	3761039.00	35.96659	(81122520)	405654.16	3761064.00	35.57803	(81041223)	
405654.53	3761089.00	35.27246	(81122623)	405672.81	3761096.25	35.26530	(81122623)	
405697.78	3761095.50	35.58749	(81101724)	405722.78	3761095.00	35.84745	(81091701)	
405747.78	3761094.50	36.34368	(81122502)	405772.78	3761093.75	36.51926	(81122502)	
405797.75	3761093.25	36.83103	(81122602)	405822.75	3761092.50	37.25744	(81122808)	
405847.75	3761092.00	37.68079	(81122522)	405872.75	3761091.50	37.89819	(81122704)	
405897.72	3761090.75	38.19982	(81101404)	405922.72	3761090.25	38.45677	(81121905)	
• *** IS CST3 - VERSION 02035 ***				*** WHITTIER MATRIX OIL PROJECT ***				07/29/11
				*** ANALYSIS PEAK HR NOx emissions mitigated ***				11:59:36
**MODELOPTs:								PAGE 52
CONC	URBAN ELEV	FLGPOL	NOCALM					

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER				IN MICROGRAMS/M**3				
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
405947.72	3761089.50	38.56441	(81081123)	405972.72	3761089.00	39.01101	(81050423)	
405997.72	3761088.50	39.36082	(81120502)	406022.69	3761087.75	39.70517	(81120502)	
406047.69	3761087.25	39.84444	(81121719)	406072.69	3761086.50	30.97744	(81061420)	
406097.69	3761086.00	31.34745	(81061420)	406122.66	3761085.50	34.90850	(81033004)	
406147.66	3761084.75	41.24834	(81112907)	406172.66	3761084.25	41.41136	(81112907)	
406197.66	3761083.50	41.64785	(81121519)	406222.66	3761083.00	41.99126	(81121123)	
406247.63	3761082.50	42.47993	(81112507)	406272.63	3761081.75	42.72604	(81112824)	
406297.63	3761081.25	42.89294	(81112824)	406322.59	3761080.50	43.13578	(81120620)	
406347.59	3761080.00	43.47803	(81051223)	406372.59	3761079.50	43.73895	(81112018)	
406397.59	3761078.75	44.09025	(81030322)	406422.59	3761078.25	44.16275	(81102221)	
406447.56	3761077.50	44.43870	(81032006)	406472.56	3761077.00	44.93604	(81101222)	
406497.56	3761076.50	45.23912	(81040804)	406522.56	3761075.75	45.26440	(81041224)	
406547.53	3761075.25	38.50666	(81082621)	406572.53	3761074.50	38.75494	(81041904)	
406597.53	3761074.00	39.21611	(81082621)	406622.53	3761073.50	39.30422	(81041904)	
406647.53	3761072.75	39.64204	(81041904)	406672.50	3761072.25	40.38192	(81082621)	
406697.50	3761071.50	40.04112	(81042820)	406722.50	3761071.00	39.82664	(81042820)	
406747.50	3761070.50	40.74632	(81082621)	406772.50	3761069.75	47.17213	(81030320)	
406797.47	3761069.25	41.10307	(81041904)	406822.47	3761068.50	39.98845	(81081407)	
406847.47	3761068.00	39.55701	(81081407)	406872.47	3761067.50	39.55423	(81081407)	
406897.44	3761066.75	40.09002	(81081407)	406922.44	3761066.25	40.90399	(81081407)	
406947.44	3761065.50	42.06096	(81122809)	406972.41	3761065.00	42.24411	(81122809)	
406997.41	3761064.50	42.29311	(81122809)	407021.13	3761061.75	41.31430	(81081007)	
407020.31	3761036.75	43.55009	(81122809)	407019.50	3761011.75	43.08445	(81081007)	
407018.69	3760986.75	42.32940	(81081007)	407017.84	3760961.75	41.55352	(81081007)	
407017.03	3760936.75	41.14613	(81081007)	407016.22	3760911.75	40.60924	(81081007)	
407015.41	3760886.75	41.24847	(81081007)	407014.59	3760861.75	43.14915	(81081007)	
407013.75	3760836.75	45.25846	(81081007)	407012.94	3760811.75	47.07106	(81081007)	
407012.13	3760787.00	49.12076	(81081007)	407011.31	3760762.00	51.93707	(81081007)	
407010.47	3760737.00	55.38866	(81081007)	407009.66	3760712.00	59.18657	(81081007)	
407008.84	3760687.00	63.67694	(81081007)	407008.03	3760662.00	67.88960	(81081007)	
407031.94	3760661.50	69.32791	(81082621)	407056.94	3760661.25	70.17191	(81012501)	
407081.94	3760661.25	70.77144	(81012501)	407106.94	3760661.00	68.19540	(81081007)	
407131.91	3760660.75	65.46532	(81081007)	407156.94	3760660.50	64.03458	(81081007)	
407181.94	3760660.25	61.34931	(81081007)	407206.91	3760660.00	58.60123	(81081007)	
407231.91	3760660.00	56.32803	(81081007)	407256.91	3760659.75	55.40604	(81081007)	
407281.91	3760659.50	56.28963	(81081007)	407306.91	3760659.25	57.90064	(81081007)	
407331.91	3760659.00	58.87373	(81081007)	407356.91	3760659.00	57.19249	(81081007)	
407381.91	3760658.75	56.64451	(81081007)	407406.91	3760658.50	56.36810	(81081319)	
407431.91	3760658.25	54.82716	(81082619)	407456.91	3760658.00	53.59483	(81082619)	
407481.91	3760657.75	52.72323	(81082619)	407506.91	3760657.75	53.56606	(81082619)	
• *** IS CST3 - VERSION 02035 ***				*** WHITTIER MATRIX OIL PROJECT ***				07/29/11
				*** ANALYSIS PEAK HR NOx emissions mitigated ***				11:59:36
**MODELOPTs:								PAGE 53
CONC	URBAN ELEV	FLGPOL	NOCALM					

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

Appendix B

NOx Peak Hour Emissions Mitigated
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **								
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
407531.91	3760657.50	53.93282	(81082619)	407556.91	3760657.25	16.38748	(81120716)	
407581.91	3760657.00	15.88369	(81120716)	407606.91	3760656.75	15.25268	(81120716)	
407631.91	3760656.75	16.36476	(81102209)	407656.91	3760656.50	17.65010	(81102209)	
407681.91	3760656.25	18.72522	(81102209)	407706.91	3760656.00	19.55758	(81102209)	
407731.91	3760655.75	20.12618	(81102209)	407756.91	3760655.50	20.42201	(81102209)	
407781.91	3760655.50	20.44522	(81102209)	407806.91	3760655.25	20.21540	(81102209)	
407831.91	3760655.00	19.75009	(81102209)	407856.91	3760654.75	19.07762	(81102209)	
407881.91	3760654.50	18.23081	(81102209)	407906.91	3760654.25	17.24487	(81102209)	
407931.91	3760654.25	16.16138	(81102209)	407956.91	3760654.00	15.00349	(81102209)	
407981.91	3760653.75	13.80811	(81102209)	408006.91	3760653.50	12.80515	(81091609)	
408031.88	3760653.25	13.05599	(81091609)	408056.88	3760653.25	13.23867	(81091609)	
408081.91	3760653.00	13.37170	(81110309)	408106.91	3760652.75	13.56825	(81110309)	
408131.88	3760652.50	14.35543	(81061807)	408156.88	3760652.25	15.16075	(81061807)	
408181.88	3760652.00	15.88410	(81061807)	408206.88	3760652.00	16.50783	(81061807)	
408225.75	3760645.00	17.15286	(81061807)	408224.94	3760620.00	17.93299	(81061807)	
408224.16	3760595.00	18.62280	(81061807)	408223.34	3760570.00	19.20295	(81061807)	
408222.56	3760545.00	19.65640	(81061807)	408221.75	3760520.00	19.96715	(81061807)	
408220.94	3760495.00	20.12204	(81061807)	408220.16	3760470.00	20.26636	(81061907)	
408219.34	3760445.00	20.89220	(81061907)	408218.56	3760420.00	21.34613	(81061907)	
408217.75	3760395.00	21.60888	(81061907)	408216.94	3760370.00	21.66574	(81061907)	
408216.16	3760345.00	21.50688	(81061907)	408215.34	3760320.00	21.13099	(81061907)	
408214.56	3760295.00	20.54101	(81061907)	408213.75	3760270.00	19.75074	(81061907)	
408212.97	3760245.25	18.78773	(81061907)	408212.16	3760220.25	17.65933	(81061907)	
408211.38	3760195.25	16.40251	(81061907)	408210.56	3760170.25	16.15365	(81062107)	
408209.75	3760145.25	17.45596	(81062107)	408208.97	3760120.25	18.59832	(81062107)	
408208.16	3760095.25	19.52897	(81062107)	408207.38	3760070.25	20.20288	(81062107)	
408206.56	3760045.25	20.58404	(81062107)	408205.75	3760020.25	20.64932	(81062107)	
408204.97	3759995.25	20.39009	(81062107)	408204.16	3759970.25	19.81572	(81062107)	
408203.38	3759945.25	18.94966	(81062107)	408202.56	3759920.25	17.83249	(81062107)	
408201.78	3759895.25	16.51321	(81062107)	408200.97	3759870.25	15.05115	(81062107)	
408201.59	3759847.50	13.77257	(81062108)	408226.56	3759847.25	13.68795	(81062108)	
408251.56	3759846.75	13.59198	(81062108)	408276.56	3759846.25	13.48374	(81062108)	
408301.56	3759846.00	13.36360	(81062108)	408326.56	3759845.50	13.23580	(81062108)	
408351.56	3759845.25	13.09951	(81062108)	408376.56	3759844.75	12.95741	(81062108)	
408401.56	3759844.50	12.82020	(81021409)	408426.56	3759844.00	12.75173	(81021409)	
408451.53	3759843.75	12.67420	(81021409)	408476.53	3759843.25	12.59561	(81021409)	
408501.53	3759842.75	12.51273	(81021409)	408526.53	3759842.50	12.42330	(81021409)	
408551.53	3759842.00	12.33366	(81021409)	408576.53	3759841.75	12.23887	(81021409)	
408601.53	3759841.25	12.14420	(81021409)	408626.53	3759841.00	12.04558	(81021409)	
408651.53	3759840.50	11.97623	(81071908)	408676.53	3759840.25	11.93541	(81071908)	
* *** ISCS3 - VERSION 02035 ***		** WHITTIER MATRIX OIL PROJECT				***		07/29/11
		** ANALYSIS PEAK HR NOx emissions mitigated				***		11:59:36
**MODELOPTs:		URBAN ELEV FLGPOL				NOCALM		PAGE 54
CONC								
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***								
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,								
*** DISCRETE CARTESIAN RECEPTOR POINTS ***								
** CONC OF OTHER IN MICROGRAMS/M**3 **								
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
408701.53	3759839.75	11.89745	(81071908)	408726.50	3759839.50	11.85215	(81071908)	
408751.50	3759839.00	11.80964	(81071908)	408776.50	3759838.50	11.76505	(81071908)	
408801.50	3759838.25	11.71421	(81071908)	408826.50	3759837.75	11.66618	(81071908)	
408851.50	3759837.50	11.61258	(81071908)	408876.50	3759837.00	11.56172	(81071908)	
408901.50	3759836.75	11.50589	(81071908)	408926.50	3759836.25	11.45275	(81071908)	
408951.50	3759836.00	11.39520	(81071908)	408976.47	3759835.50	11.34031	(81071908)	
409001.50	3759835.00	11.28444	(81071908)	409026.47	3759834.75	11.22504	(81071908)	
409051.47	3759834.25	11.16801	(81071908)	409076.47	3759834.00	11.10772	(81071908)	
409101.47	3759833.50	11.04977	(81071908)	409126.47	3759833.25	10.98894	(81071908)	
409151.47	3759833.00	10.92800	(81071908)	409176.47	3759832.50	10.86923	(81071908)	
409201.47	3759832.25	10.80809	(81071908)	409226.47	3759832.00	10.74698	(81071908)	
409251.47	3759831.50	10.68788	(81071908)	409276.44	3759831.25	10.62692	(81071908)	
409301.44	3759831.00	10.56602	(81071908)	409326.44	3759830.50	10.50698	(81071908)	
409351.44	3759830.25	10.44637	(81071908)	409376.44	3759830.00	10.38598	(81071908)	
409401.44	3759829.50	10.32729	(81071908)	409426.44	3759829.25	10.26736	(81071908)	
409451.44	3759829.00	10.20771	(81071908)	409476.44	3759828.50	10.14962	(81071908)	

Appendix B

NOx Peak Hour Emissions Mitigated

409501.44	3759828.25	10.09055	(81071908)	409526.44	3759828.00	10.03183	(81071908)
409551.44	3759827.50	9.97451	(81071908)	409576.44	3759827.25	9.91646	(81071908)
409601.44	3759827.00	9.85879	(81071908)	409626.41	3759826.50	9.80245	(81071908)
409651.44	3759826.25	9.74545	(81071908)	409676.41	3759826.00	9.68900	(81071908)
409700.88	3759821.50	9.64579	(81071908)	409724.59	3759813.50	9.60969	(81071908)
409748.28	3759805.75	9.56795	(81071908)	409772.00	3759797.75	9.52156	(81071908)
407390.94	3759093.50	67.76682	(81013105)	407365.13	3759080.25	70.59218	(81020704)
407339.78	3759067.50	79.11040	(81020602)	407316.59	3759058.75	88.52083	(81011808)
407283.19	3759053.00	110.66777	(81011704)	407252.94	3759048.75	120.31033	(81101706)
407225.69	3759048.50	124.40157	(81012606)	407196.97	3759050.00	117.20981	(81020124)
407179.00	3759048.00	104.87499	(81012604)	407162.81	3759027.25	95.31371	(81012103)
407144.13	3759004.00	79.25950	(81122305)	407126.47	3758984.75	63.30835	(81012524)
407105.78	3758967.50	56.34530	(81010705)	407088.16	3758951.75	54.53476	(81112105)
407069.53	3758935.25	52.48822	(81020201)	407049.31	3758918.50	50.20532	(81012923)
407036.31	3758905.00	47.00151	(81030802)	407039.69	3758879.25	49.19987	(81012923)
407046.66	3758854.25	45.44258	(81020701)	407052.50	3758829.00	44.14584	(81012602)
407055.88	3758804.50	42.18225	(81012705)	407059.22	3758781.50	39.87449	(81010603)
407066.25	3758771.75	39.40150	(81010107)	407073.94	3758765.00	37.86105	(81013104)
407083.13	3758759.50	36.90235	(81013104)	407094.38	3758756.75	37.07306	(81021605)
407109.31	3758764.25	38.65342	(81010903)	407134.59	3758776.75	39.18167	(81022207)
407157.81	3758790.75	41.44208	(81013005)	407181.59	3758803.25	44.33085	(81020601)
407205.38	3758815.75	46.80487	(81011001)	407230.69	3758833.50	51.65634	(81013007)
407254.03	3758858.25	54.47225	(81012704)	407272.69	3758877.50	54.85126	(81012606)
405962.50	3758512.50	18.80408	(81111408)	405962.50	3758487.50	19.00845	(81111408)

• *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36

**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 55

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
405962.50	3758462.50	19.06914	(81111408)	405962.50	3758437.50	18.99927	(81111408)
405962.50	3758412.50	18.80967	(81111408)	405962.50	3758387.50	18.50187	(81111408)
405962.50	3758362.50	18.09147	(81111408)	405962.50	3758337.50	17.58802	(81111408)
405962.50	3758312.50	17.58592	(81082408)	405962.50	3758287.50	17.72643	(81082408)
405962.50	3758262.50	17.77064	(81082408)	405962.50	3758237.50	17.72422	(81082408)
405962.50	3758212.50	17.67209	(81061607)	405962.50	3758187.50	17.84946	(81061607)
405962.50	3758162.50	17.94277	(81061607)	405962.50	3758137.50	17.95628	(81061607)
405987.50	3758512.50	19.19036	(81111408)	405987.50	3758487.50	19.26936	(81111408)
405987.50	3758462.50	19.21007	(81111408)	405987.50	3758437.50	19.01958	(81111408)
405987.50	3758412.50	18.70779	(81111408)	405987.50	3758387.50	18.28814	(81111408)
405987.50	3758362.50	17.77283	(81111408)	405987.50	3758337.50	17.80713	(81082408)
405987.50	3758312.50	17.94297	(81082408)	405987.50	3758287.50	17.97867	(81082408)
405987.50	3758262.50	17.91889	(81082408)	405987.50	3758237.50	17.95328	(81061607)
405987.50	3758212.50	18.11809	(81061607)	405987.50	3758187.50	18.19641	(81061607)
405987.50	3758162.50	18.19092	(81061607)	405987.50	3758137.50	18.10475	(81061607)
406012.50	3758512.50	19.46348	(81111408)	406012.50	3758487.50	19.40913	(81111408)
406012.50	3758462.50	19.22480	(81111408)	406012.50	3758437.50	18.91079	(81111408)
406012.50	3758412.50	18.48356	(81111408)	406012.50	3758387.50	17.95941	(81111408)
406012.50	3758362.50	18.02999	(81082408)	406012.50	3758337.50	18.16057	(81082408)
406012.50	3758312.50	18.18593	(81082408)	406012.50	3758287.50	18.11414	(81082408)
406012.50	3758262.50	18.23522	(81061607)	406012.50	3758237.50	18.38702	(81061607)
406012.50	3758212.50	18.44828	(81061607)	406012.50	3758187.50	18.42414	(81061607)
406012.50	3758162.50	18.31557	(81061607)	406012.50	3758137.50	18.12855	(81061607)
406037.50	3758512.50	19.60675	(81111408)	406037.50	3758487.50	19.42230	(81111408)
406037.50	3758462.50	19.11097	(81111408)	406037.50	3758437.50	18.67687	(81111408)
406037.50	3758412.50	18.13984	(81111408)	406037.50	3758387.50	18.24769	(81082408)
406037.50	3758362.50	18.37355	(81082408)	406037.50	3758337.50	18.39110	(81082408)
406037.50	3758312.50	18.30513	(81082408)	406037.50	3758287.50	18.51737	(81061607)
406037.50	3758262.50	18.65528	(81061607)	406037.50	3758237.50	18.69981	(81061607)
406037.50	3758212.50	18.65520	(81061607)	406037.50	3758187.50	18.52251	(81061607)
406037.50	3758162.50	18.30992	(81061607)	406037.50	3758137.50	18.02379	(81061607)
406062.50	3758512.50	19.61597	(81111408)	406062.50	3758487.50	19.30468	(81111408)
406062.50	3758462.50	18.86658	(81111408)	406062.50	3758437.50	18.32161	(81111408)
406062.50	3758412.50	18.45827	(81082408)	406062.50	3758387.50	18.58060	(81082408)
406062.50	3758362.50	18.58923	(81082408)	406062.50	3758337.50	18.57466	(81061607)
406062.50	3758312.50	18.79875	(81061607)	406062.50	3758287.50	18.92188	(81061607)
406062.50	3758262.50	18.94843	(81061607)	406062.50	3758237.50	18.88083	(81061607)
406062.50	3758212.50	18.72446	(81061607)	406062.50	3758187.50	18.48689	(81061607)

Appendix B

NOx Peak Hour Emissions Mitigated

406062.50 3758162.50 18.17249 (81061607) 406062.50 3758137.50 17.78977 (81061607)
 406087.50 3758512.50 19.49618 (81111408) 406087.50 3758487.50 19.05147 (81111408)
 • *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36
 **MODELOPTs: PAGE 56
 CONC URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406087.50	3758462.50	18.49442	(81111408)	406087.50	3758437.50	18.66426	(81082408)
406087.50	3758412.50	18.78126	(81082408)	406087.50	3758387.50	18.78110	(81082408)
406087.50	3758362.50	18.86494	(81061607)	406087.50	3758337.50	19.07896	(81061607)
406087.50	3758312.50	19.18632	(81061607)	406087.50	3758287.50	19.19198	(81061607)
406087.50	3758262.50	19.10328	(81061607)	406087.50	3758237.50	18.92030	(81061607)
406087.50	3758212.50	18.65370	(81061607)	406087.50	3758187.50	18.31146	(81061607)
406087.50	3758162.50	17.89855	(81061607)	406087.50	3758137.50	17.42528	(81061607)
406112.50	3758512.50	19.22993	(81111408)	406112.50	3758487.50	18.66421	(81111408)
406112.50	3758462.50	18.85979	(81082408)	406112.50	3758437.50	18.97396	(81082408)
406112.50	3758412.50	18.96523	(81082408)	406112.50	3758387.50	19.15735	(81061607)
406112.50	3758362.50	19.35768	(81061607)	406112.50	3758337.50	19.44818	(81061607)
406112.50	3758312.50	19.43418	(81061607)	406112.50	3758287.50	19.31826	(81061607)
406112.50	3758262.50	19.10851	(81061607)	406112.50	3758237.50	18.81242	(81061607)
406112.50	3758212.50	18.43986	(81061607)	406112.50	3758187.50	17.99569	(81061607)
406112.50	3758162.50	17.49133	(81061607)	406112.50	3758137.50	16.93459	(81061607)
406137.50	3758512.50	18.82760	(81111408)	406137.50	3758487.50	19.04690	(81082408)
406137.50	3758462.50	19.15672	(81082408)	406137.50	3758437.50	19.14160	(81082408)
406137.50	3758412.50	19.44262	(81061607)	406137.50	3758387.50	19.63009	(81061607)
406137.50	3758362.50	19.70305	(81061607)	406137.50	3758337.50	19.66609	(81061607)
406137.50	3758312.50	19.52524	(81061607)	406137.50	3758287.50	19.28772	(81061607)
406137.50	3758262.50	18.96239	(81061607)	406137.50	3758237.50	18.55657	(81061607)
406137.50	3758212.50	18.08130	(81061607)	406137.50	3758187.50	17.54462	(81061607)
406137.50	3758162.50	16.95576	(81061607)	406137.50	3758137.50	16.32481	(81061607)
406162.50	3758512.50	19.21352	(81082408)	406162.50	3758487.50	19.32731	(81082408)
406162.50	3758462.50	19.41586	(81061607)	406162.50	3758437.50	19.71910	(81061607)
406162.50	3758412.50	19.89338	(81061607)	406162.50	3758387.50	19.94836	(81061607)
406162.50	3758362.50	19.89369	(81061607)	406162.50	3758337.50	19.72635	(81061607)
406162.50	3758312.50	19.46020	(81061607)	406162.50	3758287.50	19.10310	(81061607)
406162.50	3758262.50	18.66443	(81061607)	406162.50	3758237.50	18.15469	(81061607)
406162.50	3758212.50	17.58400	(81061607)	406162.50	3758187.50	16.96242	(81061607)
406162.50	3758162.50	16.29979	(81061607)	406162.50	3758137.50	15.60552	(81061607)
406187.50	3758512.50	19.48356	(81082408)	406187.50	3758487.50	19.68866	(81061607)
406187.50	3758462.50	19.98638	(81061607)	406187.50	3758437.50	20.14709	(81061607)
406187.50	3758412.50	20.18451	(81061607)	406187.50	3758387.50	20.10315	(81061607)
406187.50	3758362.50	19.91416	(81061607)	406187.50	3758337.50	19.61752	(81061607)
406187.50	3758312.50	19.22814	(81061607)	406187.50	3758287.50	18.75633	(81061607)
406187.50	3758262.50	18.21276	(81061607)	406187.50	3758237.50	17.60824	(81061607)
406187.50	3758212.50	16.95346	(81061607)	406187.50	3758187.50	16.25879	(81061607)
406187.50	3758162.50	15.53430	(81061607)	406187.50	3758137.50	15.28392	(81103005)
406212.50	3758512.50	19.94835	(81061607)	406212.50	3758487.50	20.23857	(81061607)

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36
 **MODELOPTs: PAGE 57
 CONC URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406212.50	3758462.50	20.38900	(81061607)	406212.50	3758437.50	20.40650	(81061607)
406212.50	3758412.50	20.30643	(81061607)	406212.50	3758387.50	20.08705	(81061607)
406212.50	3758362.50	19.75874	(81061607)	406212.50	3758337.50	19.33846	(81061607)
406212.50	3758312.50	18.83289	(81061607)	406212.50	3758287.50	18.25494	(81061607)
406212.50	3758262.50	17.61613	(81061607)	406212.50	3758237.50	16.92779	(81061607)
406212.50	3758212.50	16.20089	(81061607)	406212.50	3758187.50	15.67737	(81103005)

Appendix B

NOx Peak Hour Emissions Mitigated

406212.50	3758162.50	15.68742	(81103005)	406212.50	3758137.50	15.54255	(81120307)
406237.50	3758512.50	20.46477	(81061607)	406237.50	3758487.50	20.60661	(81061607)
406237.50	3758462.50	20.61418	(81061607)	406237.50	3758437.50	20.48721	(81061607)
406237.50	3758412.50	20.24460	(81061607)	406237.50	3758387.50	19.88712	(81061607)
406237.50	3758362.50	19.43253	(81061607)	406237.50	3758337.50	18.89355	(81061607)
406237.50	3758312.50	18.28062	(81061607)	406237.50	3758287.50	17.60702	(81061607)
406237.50	3758262.50	16.88478	(81061607)	406237.50	3758237.50	16.12543	(81061607)
406237.50	3758212.50	15.88470	(81103005)	406237.50	3758187.50	15.99785	(81103005)
406237.50	3758162.50	15.81016	(81120307)	406237.50	3758137.50	15.96854	(81120307)
406262.50	3758512.50	20.80388	(81061607)	406262.50	3758487.50	20.79298	(81061607)
406262.50	3758462.50	20.64890	(81061607)	406262.50	3758437.50	20.37653	(81061607)
406262.50	3758412.50	19.99496	(81061607)	406262.50	3758387.50	19.50837	(81061607)
406262.50	3758362.50	18.93421	(81061607)	406262.50	3758337.50	18.28863	(81061607)
406262.50	3758312.50	17.58055	(81061607)	406262.50	3758287.50	16.82393	(81061607)
406262.50	3758262.50	16.03173	(81061607)	406262.50	3758237.50	15.82836	(81103005)
406262.50	3758212.50	15.80737	(81103005)	406262.50	3758187.50	16.04486	(81120307)
406262.50	3758162.50	16.19672	(81031006)	406262.50	3758137.50	16.01468	(81121507)
406287.50	3758512.50	20.95640	(81061607)	406287.50	3758487.50	20.78743	(81061607)
406287.50	3758462.50	20.49200	(81061607)	406287.50	3758437.50	20.07944	(81061607)
406287.50	3758412.50	19.56248	(81061607)	406287.50	3758387.50	18.95600	(81061607)
406287.50	3758362.50	18.27379	(81061607)	406287.50	3758337.50	17.53111	(81061607)
406287.50	3758312.50	16.74240	(81061607)	406287.50	3758287.50	15.91827	(81061607)
406287.50	3758262.50	15.89039	(81103005)	406287.50	3758237.50	16.05873	(81120307)
406287.50	3758212.50	16.26724	(81120307)	406287.50	3758187.50	16.05683	(81121507)
406287.50	3758162.50	16.23923	(81121507)	406287.50	3758137.50	16.31031	(81121507)
406312.50	3758512.50	20.90753	(81061607)	406312.50	3758487.50	20.58893	(81061607)
406312.50	3758462.50	20.14468	(81061607)	406312.50	3758437.50	19.59357	(81061607)
406312.50	3758412.50	18.95570	(81061607)	406312.50	3758387.50	18.23971	(81061607)
406312.50	3758362.50	17.46251	(81061607)	406312.50	3758337.50	16.64046	(81061607)
406312.50	3758312.50	15.89048	(81103005)	406312.50	3758287.50	16.04454	(81103005)
406312.50	3758262.50	16.29301	(81120307)	406312.50	3758237.50	16.48463	(81031006)
406312.50	3758212.50	16.36370	(81121507)	406312.50	3758187.50	16.44679	(81121507)
406312.50	3758162.50	16.33618	(81042106)	406312.50	3758137.50	16.37428	(81042106)
406337.50	3758512.50	20.65373	(81061607)	406337.50	3758487.50	20.18809	(81061607)

• *** ISCS3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11

*** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36

MODELOPTs: URBAN ELEV FLGPOL NOCALM * PAGE 58

CONC

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406337.50	3758462.50	19.60620	(81061607)	406337.50	3758437.50	18.93254	(81061607)
406337.50	3758412.50	18.18468	(81061607)	406337.50	3758387.50	17.37363	(81061607)
406337.50	3758362.50	16.51793	(81061607)	406337.50	3758337.50	16.05213	(81103005)
406337.50	3758312.50	16.24125	(81120307)	406337.50	3758287.50	16.11106	(81120307)
406337.50	3758262.50	16.31198	(81121507)	406337.50	3758237.50	16.52901	(81121507)
406337.50	3758212.50	16.44785	(81042106)	406337.50	3758187.50	16.47541	(81042106)
406337.50	3758162.50	16.65600	(81020401)	406337.50	3758137.50	16.80168	(81020401)
406362.50	3758512.50	20.20115	(81061607)	406362.50	3758487.50	19.59396	(81061607)
406362.50	3758462.50	18.88803	(81061607)	406362.50	3758437.50	18.10717	(81061607)
406362.50	3758412.50	17.26360	(81061607)	406362.50	3758387.50	16.37580	(81061607)
406362.50	3758362.50	16.19672	(81103005)	406362.50	3758337.50	16.45843	(81120307)
406362.50	3758312.50	16.70221	(81031006)	406362.50	3758287.50	16.54565	(81121507)
406362.50	3758262.50	16.72398	(81121507)	406362.50	3758237.50	16.52565	(81042106)
406362.50	3758212.50	16.45008	(81020401)	406362.50	3758187.50	16.54371	(81020401)
406362.50	3758162.50	16.60984	(81020606)	406362.50	3758137.50	16.75328	(81020606)
406387.50	3758512.50	19.55803	(81061607)	406387.50	3758487.50	18.82174	(81061607)
406387.50	3758462.50	18.00773	(81061607)	406387.50	3758437.50	17.13334	(81061607)
406387.50	3758412.50	16.51170	(81103005)	406387.50	3758387.50	16.31439	(81103005)
406387.50	3758362.50	16.63976	(81120307)	406387.50	3758337.50	16.80289	(81121507)
406387.50	3758312.50	16.75268	(81121507)	406387.50	3758287.50	16.91280	(81042106)
406387.50	3758262.50	16.75743	(81042106)	406387.50	3758237.50	16.59486	(81020401)
406387.50	3758212.50	16.38247	(81020401)	406387.50	3758187.50	16.29115	(81020606)
406387.50	3758162.50	16.35616	(81020606)	406387.50	3758137.50	16.46623	(81021423)
406412.50	3758512.50	18.73320	(81061607)	406412.50	3758487.50	17.89041	(81061607)
406412.50	3758462.50	16.98305	(81061607)	406412.50	3758437.50	16.64894	(81103005)
406412.50	3758412.50	16.56190	(81120307)	406412.50	3758387.50	16.81288	(81120307)
406412.50	3758362.50	16.95840	(81121507)	406412.50	3758337.50	16.92194	(81121507)
406412.50	3758312.50	17.01096	(81042106)	406412.50	3758287.50	17.00446	(81020401)

Appendix B

NOx Peak Hour Emissions Mitigated

406412.50	3758262.50	16.77156	(81020401)	406412.50	3758237.50	16.22746	(81020606)
406412.50	3758212.50	16.19481	(81020606)	406412.50	3758187.50	16.18510	(81110102)
406412.50	3758162.50	16.36971	(81020321)	406412.50	3758137.50	16.57412	(81030806)
406437.50	3758512.50	17.75118	(81061607)	406437.50	3758487.50	16.81453	(81061607)
406437.50	3758462.50	16.49432	(81103005)	406437.50	3758437.50	16.66670	(81120307)
406437.50	3758412.50	16.98879	(81031006)	406437.50	3758387.50	17.20757	(81121507)
406437.50	3758362.50	17.10210	(81042106)	406437.50	3758337.50	17.38619	(81042106)
406437.50	3758312.50	17.25009	(81020401)	406437.50	3758287.50	17.03780	(81020606)
406437.50	3758262.50	16.50513	(81020606)	406437.50	3758237.50	16.01344	(81120708)
406437.50	3758212.50	16.18264	(81120708)	406437.50	3758187.50	16.29411	(81120708)
406437.50	3758162.50	16.49468	(81030806)	406437.50	3758137.50	16.62722	(81122402)
406462.50	3758512.50	16.63014	(81061607)	406462.50	3758487.50	16.45066	(81103005)

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36
 **MODELOPTs: PAGE 59
 CONC URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)
406462.50	3758462.50	16.82250	(81120307)	406462.50	3758437.50	16.84349	(81121507)
406462.50	3758412.50	17.04507	(81121507)	406462.50	3758387.50	17.33196	(81042106)
406462.50	3758362.50	17.48356	(81020401)	406462.50	3758337.50	17.47463	(81020401)
406462.50	3758312.50	17.58526	(81020606)	406462.50	3758287.50	17.22532	(81020606)
406462.50	3758262.50	16.31179	(81120708)	406462.50	3758237.50	16.44559	(81120708)
406462.50	3758212.50	16.51952	(81120708)	406462.50	3758187.50	16.53667	(81120708)
406462.50	3758162.50	16.79584	(81121506)	406462.50	3758137.50	17.14298	(81121506)
406487.50	3758512.50	16.97425	(81103005)	406487.50	3758487.50	16.95625	(81120307)
406487.50	3758462.50	16.89244	(81121507)	406487.50	3758437.50	17.20307	(81121507)
406487.50	3758412.50	17.08134	(81042106)	406487.50	3758387.50	17.43313	(81020401)
406487.50	3758362.50	17.71184	(81020606)	406487.50	3758337.50	17.55082	(81020606)
406487.50	3758312.50	17.74075	(81110102)	406487.50	3758287.50	17.57607	(81020321)
406487.50	3758262.50	16.66125	(81120708)	406487.50	3758237.50	16.69458	(81120708)
406487.50	3758212.50	16.67133	(81120708)	406487.50	3758187.50	17.08559	(81121506)
406487.50	3758162.50	17.32063	(81103023)	406487.50	3758137.50	17.79015	(81110402)
406512.50	3758512.50	17.10621	(81120307)	406512.50	3758487.50	17.05820	(81121507)
406512.50	3758462.50	16.91255	(81042106)	406512.50	3758437.50	16.82663	(81020401)
406512.50	3758412.50	17.18152	(81020401)	406512.50	3758387.50	17.51058	(81020606)
406512.50	3758362.50	17.45881	(81020606)	406512.50	3758337.50	17.58158	(81020321)
406512.50	3758312.50	17.55681	(81030806)	406512.50	3758287.50	16.85415	(81122402)
406512.50	3758262.50	17.01430	(81080607)	406512.50	3758237.50	17.37645	(81080607)
406512.50	3758212.50	17.83835	(81103023)	406512.50	3758187.50	18.03895	(81110402)
406512.50	3758162.50	18.25600	(81121502)	406512.50	3758137.50	18.42562	(81121502)
406537.50	3758512.50	17.44831	(81121507)	406537.50	3758487.50	17.10525	(81042106)
406537.50	3758462.50	17.03839	(81020401)	406537.50	3758437.50	16.90672	(81020606)
406537.50	3758412.50	17.26875	(81020606)	406537.50	3758387.50	17.15491	(81021423)
406537.50	3758362.50	17.24220	(81030806)	406537.50	3758337.50	17.29580	(81122402)
406537.50	3758312.50	17.38470	(81080607)	406537.50	3758287.50	17.78158	(81080607)
406537.50	3758262.50	18.11496	(81080607)	406537.50	3758237.50	18.95206	(81031106)
406537.50	3758212.50	18.80049	(81121502)	406537.50	3758187.50	18.79169	(81080607)
406537.50	3758162.50	18.91959	(81080607)	406537.50	3758137.50	18.99836	(81080607)
406562.50	3758512.50	17.60108	(81042106)	406562.50	3758487.50	17.24365	(81020401)
406562.50	3758462.50	17.06586	(81020606)	406562.50	3758437.50	16.99681	(81020606)
406562.50	3758412.50	16.85881	(81120708)	406562.50	3758387.50	17.28432	(81080607)
406562.50	3758362.50	17.76197	(81080607)	406562.50	3758337.50	18.17855	(81080607)
406562.50	3758312.50	18.53140	(81080607)	406562.50	3758287.50	18.82162	(81080607)
406562.50	3758262.50	19.05450	(81080607)	406562.50	3758237.50	19.23324	(81080607)
406562.50	3758212.50	19.36258	(81080607)	406562.50	3758187.50	19.43696	(81080607)
406562.50	3758162.50	19.46339	(81080607)	406562.50	3758137.50	19.44193	(81080607)
406587.50	3758512.50	17.94094	(81020401)	406587.50	3758487.50	17.45366	(81020606)

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36
 **MODELOPTs: PAGE 60
 CONC URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Appendix B

NOx Peak Hour Emissions Mitigated

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406587.50	3758462.50	16.97913	(81080607)	406587.50	3758437.50	17.58323	(81080607)
406587.50	3758412.50	18.09779	(81080607)	406587.50	3758387.50	18.54835	(81080607)
406587.50	3758362.50	18.93210	(81080607)	406587.50	3758337.50	19.24175	(81080607)
406587.50	3758312.50	19.48201	(81080607)	406587.50	3758287.50	19.66858	(81080607)
406587.50	3758262.50	19.79554	(81080607)	406587.50	3758237.50	19.86530	(81080607)
406587.50	3758212.50	19.88130	(81080607)	406587.50	3758187.50	19.84790	(81080607)
406587.50	3758162.50	19.76957	(81080607)	406587.50	3758137.50	19.64661	(81080607)
406612.50	3758512.50	18.08698	(81020606)	406612.50	3758487.50	17.79024	(81080607)
406612.50	3758462.50	18.38643	(81080607)	406612.50	3758437.50	18.88225	(81080607)
406612.50	3758412.50	19.29203	(81080607)	406612.50	3758387.50	19.63666	(81080607)
406612.50	3758362.50	19.88714	(81080607)	406612.50	3758337.50	20.07631	(81080607)
406612.50	3758312.50	20.20186	(81080607)	406612.50	3758287.50	20.27168	(81080607)
406612.50	3758262.50	20.28137	(81080607)	406612.50	3758237.50	20.23715	(81080607)
406612.50	3758212.50	20.14240	(81080607)	406612.50	3758187.50	20.00166	(81080607)
406612.50	3758162.50	19.96816	(81101605)	406612.50	3758137.50	20.12573	(81032804)
406637.50	3758512.50	18.56143	(81080607)	406637.50	3758487.50	19.11446	(81080607)
406637.50	3758462.50	19.58803	(81080607)	406637.50	3758437.50	19.97612	(81080607)
406637.50	3758412.50	20.25703	(81080607)	406637.50	3758387.50	20.45363	(81080607)
406637.50	3758362.50	20.58042	(81080607)	406637.50	3758337.50	20.64253	(81080607)
406637.50	3758312.50	20.87315	(81011006)	406637.50	3758287.50	20.62971	(81120103)
406637.50	3758262.50	20.57474	(81120103)	406637.50	3758237.50	20.41653	(81120103)
406637.50	3758212.50	20.25067	(81101605)	406637.50	3758187.50	20.30335	(81032804)
406637.50	3758162.50	20.02844	(81032804)	406637.50	3758137.50	20.17673	(81031403)
406662.50	3758512.50	19.78107	(81080607)	406662.50	3758487.50	20.20753	(81080607)
406662.50	3758462.50	20.53931	(81080607)	406662.50	3758437.50	20.77371	(81080607)
406662.50	3758412.50	20.91828	(81080607)	406662.50	3758387.50	20.99494	(81080607)
406662.50	3758362.50	20.99365	(81080607)	406662.50	3758337.50	21.39398	(81120103)
406662.50	3758312.50	21.45088	(81120103)	406662.50	3758287.50	21.30011	(81101605)
406662.50	3758262.50	21.01194	(81032804)	406662.50	3758237.50	20.81332	(81032804)
406662.50	3758212.50	20.77502	(81031403)	406662.50	3758187.50	20.56494	(81031403)
406662.50	3758162.50	20.75680	(81031403)	406662.50	3758137.50	20.39405	(81031403)
406687.50	3758512.50	20.76714	(81080607)	406687.50	3758487.50	21.03437	(81080607)
406687.50	3758462.50	21.20926	(81080607)	406687.50	3758437.50	21.29101	(81080607)
406687.50	3758412.50	21.29724	(81080607)	406687.50	3758387.50	21.23091	(81080607)
406687.50	3758362.50	21.53807	(81120103)	406687.50	3758337.50	21.98530	(81101605)
406687.50	3758312.50	21.81055	(81032804)	406687.50	3758287.50	21.40979	(81032804)
406687.50	3758262.50	21.40208	(81031403)	406687.50	3758237.50	21.40810	(81031403)
406687.50	3758212.50	21.07843	(81031403)	406687.50	3758187.50	21.18961	(81120306)
406687.50	3758162.50	20.80143	(81012324)	406687.50	3758137.50	20.51682	(81122405)
406712.50	3758512.50	21.44987	(81080607)	406712.50	3758487.50	21.55132	(81080607)

• *** IS CST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions mitigated

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**MODELOPTS:

CONC URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406712.50	3758462.50	21.55993	(81080607)	406712.50	3758437.50	21.48875	(81080607)
406712.50	3758412.50	21.50292	(81120103)	406712.50	3758387.50	21.80461	(81032804)
406712.50	3758362.50	22.06385	(81032804)	406712.50	3758337.50	22.24534	(81031403)
406712.50	3758312.50	22.04494	(81031403)	406712.50	3758287.50	21.73431	(81031403)
406712.50	3758262.50	21.89894	(81120306)	406712.50	3758237.50	21.49115	(81012324)
406712.50	3758212.50	21.71120	(81122405)	406712.50	3758187.50	21.40204	(81122405)
406712.50	3758162.50	21.09125	(81031505)	406712.50	3758137.50	20.63456	(81031505)
406737.50	3758512.50	21.77739	(81080607)	406737.50	3758487.50	21.70567	(81080607)
406737.50	3758462.50	21.54913	(81080607)	406737.50	3758437.50	21.42100	(81032804)
406737.50	3758412.50	21.93589	(81032804)	406737.50	3758387.50	22.49693	(81031403)
406737.50	3758362.50	22.96222	(81031403)	406737.50	3758337.50	22.59209	(81120306)
406737.50	3758312.50	22.40632	(81120306)	406737.50	3758287.50	22.44035	(81122405)
406737.50	3758262.50	22.12350	(81122405)	406737.50	3758237.50	22.27967	(81031505)
406737.50	3758212.50	21.85146	(81031505)	406737.50	3758187.50	21.48473	(81112822)
406737.50	3758162.50	21.13765	(81112822)	406737.50	3758137.50	20.74748	(81101624)
406762.50	3758512.50	21.71883	(81080607)	406762.50	3758487.50	21.47272	(81080607)
406762.50	3758462.50	21.45394	(81032804)	406762.50	3758437.50	22.31882	(81031403)
406762.50	3758412.50	22.66431	(81031403)	406762.50	3758387.50	22.90836	(81120306)

Appendix B

NOx Peak Hour Emissions Mitigated

406762.50	3758362.50	23.31651	(81122405)	406762.50	3758337.50	23.43099	(81122405)
406762.50	3758312.50	23.13099	(81031505)	406762.50	3758287.50	22.77882	(81031505)
406762.50	3758262.50	22.80077	(81112822)	406762.50	3758237.50	22.41857	(81112822)
406762.50	3758212.50	22.35826	(81122205)	406762.50	3758187.50	21.72596	(81122205)
406762.50	3758162.50	21.36531	(81122205)	406762.50	3758137.50	20.95931	(81122205)
406787.50	3758512.50	21.24722	(81080607)	406787.50	3758487.50	21.31432	(81031403)
406787.50	3758462.50	22.29395	(81031403)	406787.50	3758437.50	23.03957	(81120306)
406787.50	3758412.50	23.55369	(81122405)	406787.50	3758387.50	23.84372	(81031505)
406787.50	3758362.50	24.25062	(81031505)	406787.50	3758337.50	24.09319	(81112822)
406787.50	3758312.50	23.82549	(81112822)	406787.50	3758287.50	23.89650	(81122205)
406787.50	3758262.50	23.30592	(81122205)	406787.50	3758237.50	23.22110	(81122205)
406787.50	3758212.50	22.75245	(81122205)	406787.50	3758187.50	21.76760	(81021506)
406787.50	3758162.50	21.40077	(81012122)	406787.50	3758137.50	20.64431	(81012122)
406812.50	3758512.50	21.00539	(81031403)	406812.50	3758487.50	22.21446	(81122405)
406812.50	3758462.50	23.04730	(81122405)	406812.50	3758437.50	23.74493	(81031505)
406812.50	3758412.50	24.54918	(81112822)	406812.50	3758387.50	24.87135	(81112822)
406812.50	3758362.50	25.16034	(81122205)	406812.50	3758337.50	25.21826	(81122205)
406812.50	3758312.50	24.50477	(81122205)	406812.50	3758287.50	24.20526	(81021506)
406812.50	3758262.50	23.82257	(81012122)	406812.50	3758237.50	23.33623	(81012122)
406812.50	3758212.50	22.88731	(81012001)	406812.50	3758187.50	22.54036	(81010502)
406812.50	3758162.50	21.39792	(81010502)	406812.50	3758137.50	20.76910	(81010502)
406837.50	3758512.50	22.08017	(81031505)	406837.50	3758487.50	22.53548	(8111805)

• *** ISCS T3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK HR NOx emissions mitigated

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406837.50	3758462.50	23.54576	(81112822)	406837.50	3758437.50	24.59146	(81122205)
406837.50	3758412.50	25.82406	(81122205)	406837.50	3758387.50	26.23761	(81122205)
406837.50	3758362.50	26.04303	(81012122)	406837.50	3758337.50	26.01844	(81012122)
406837.50	3758312.50	25.42946	(81012001)	406837.50	3758287.50	24.52073	(81010502)
406837.50	3758262.50	23.85145	(81010502)	406837.50	3758237.50	23.18896	(81010502)
406837.50	3758212.50	23.15894	(81121202)	406837.50	3758187.50	22.72609	(81030802)
406837.50	3758162.50	21.91776	(81030802)	406837.50	3758137.50	21.31043	(81012605)
406862.50	3758512.50	22.75495	(81122205)	406862.50	3758487.50	23.68978	(81122205)
406862.50	3758462.50	24.62273	(81122205)	406862.50	3758437.50	25.50608	(81012122)
406862.50	3758412.50	26.46413	(81012122)	406862.50	3758387.50	26.91869	(81010502)
406862.50	3758362.50	26.95662	(81010502)	406862.50	3758337.50	27.05973	(81010502)
406862.50	3758312.50	26.17957	(81121202)	406862.50	3758287.50	24.15088	(81030802)
406862.50	3758262.50	23.32753	(81012605)	406862.50	3758237.50	23.45908	(81012605)
406862.50	3758212.50	23.56113	(81012605)	406862.50	3758187.50	23.45374	(81012605)
406862.50	3758162.50	23.50362	(81012923)	406862.50	3758137.50	23.23289	(81012923)
406887.50	3758512.50	24.13993	(81012122)	406887.50	3758487.50	24.63568	(81012122)
406887.50	3758462.50	25.32068	(81010502)	406887.50	3758437.50	26.58723	(81010502)
406887.50	3758412.50	27.18940	(81121202)	406887.50	3758387.50	27.81365	(81030802)
406887.50	3758362.50	27.91670	(81012605)	406887.50	3758337.50	27.44232	(81012605)
406887.50	3758312.50	25.52403	(81012605)	406887.50	3758287.50	23.29396	(81012605)
406887.50	3758262.50	23.80562	(81012923)	406887.50	3758237.50	24.51429	(81012923)
406887.50	3758212.50	25.13120	(81011503)	406887.50	3758187.50	25.08409	(81012607)
406887.50	3758162.50	25.18190	(81012607)	406887.50	3758137.50	25.35025	(81012607)
406912.50	3758512.50	25.33798	(81010502)	406912.50	3758487.50	25.86764	(81030802)
406912.50	3758462.50	26.16554	(81012605)	406912.50	3758437.50	27.16385	(81012605)
406912.50	3758412.50	28.40509	(81012605)	406912.50	3758387.50	28.89265	(81012923)
406912.50	3758362.50	28.31387	(81012923)	406912.50	3758337.50	27.65494	(81011503)
406912.50	3758312.50	24.95292	(81012607)	406912.50	3758287.50	23.49899	(81012607)
406912.50	3758262.50	25.41771	(81012607)	406912.50	3758237.50	27.07882	(81012607)
406912.50	3758212.50	27.24990	(81020701)	406912.50	3758187.50	27.06712	(81020701)
406912.50	3758162.50	27.06049	(81020201)	406912.50	3758137.50	27.06929	(81020201)
406937.50	3758512.50	26.82929	(81012605)	406937.50	3758487.50	27.08088	(81012923)
406937.50	3758462.50	27.21821	(81012923)	406937.50	3758437.50	27.52453	(81012607)
406937.50	3758412.50	29.17220	(81012607)	406937.50	3758387.50	29.35848	(81012607)
406937.50	3758362.50	28.68817	(81012607)	406937.50	3758337.50	27.44667	(81020701)
406937.50	3758312.50	25.34922	(81020701)	406937.50	3758287.50	26.42980	(81020201)
406937.50	3758262.50	28.30628	(81020201)	406937.50	3758237.50	29.97975	(81020201)
406937.50	3758212.50	30.44015	(81011903)	406937.50	3758187.50	30.37369	(81012602)
406937.50	3758162.50	29.93510	(81012602)	406937.50	3758137.50	29.16957	(81012602)
406962.50	3758512.50	29.51694	(81012607)	406962.50	3758487.50	29.66452	(81012607)

Appendix B

Nox Peak Hour Emissions Mitigated

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions mitigated

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**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM
 *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)
406962.50	3758462.50	29.77851	(81020701)	406962.50	3758437.50	29.70385	(81020201)
406962.50	3758412.50	30.58718	(81020201)	406962.50	3758387.50	30.37495	(81020201)
406962.50	3758362.50	28.47898	(81011903)	406962.50	3758337.50	27.59069	(81012602)
406962.50	3758312.50	27.84608	(81012602)	406962.50	3758287.50	29.35139	(81012602)
406962.50	3758262.50	31.91261	(81012602)	406962.50	3758237.50	32.62408	(81012705)
406962.50	3758212.50	32.76305	(81012705)	406962.50	3758187.50	32.87740	(81010702)
406962.50	3758162.50	31.76121	(81010603)	406962.50	3758137.50	30.08960	(81010603)
406987.50	3758512.50	32.68721	(81011903)	406987.50	3758487.50	32.90586	(81012602)
406987.50	3758462.50	32.16013	(81012602)	406987.50	3758437.50	32.20551	(81012602)
406987.50	3758412.50	31.83521	(81012602)	406987.50	3758387.50	30.77192	(81012705)
406987.50	3758362.50	28.59085	(81010702)	406987.50	3758337.50	27.94383	(81010603)
406987.50	3758312.50	28.36122	(81010603)	406987.50	3758287.50	30.82135	(81010603)
406987.50	3758262.50	33.44096	(81112105)	406987.50	3758237.50	33.38208	(81010107)
406987.50	3758212.50	33.37387	(81010107)	406987.50	3758187.50	32.63548	(81010107)
406987.50	3758162.50	30.63822	(81010107)	406987.50	3758137.50	28.63242	(81010107)
407012.50	3758512.50	34.54717	(81010603)	407012.50	3758487.50	34.56214	(81010603)
407012.50	3758462.50	34.51359	(81112105)	407012.50	3758437.50	33.87912	(81010107)
407012.50	3758412.50	33.21413	(81010107)	407012.50	3758387.50	32.00066	(81010107)
407012.50	3758362.50	30.61952	(81010107)	407012.50	3758337.50	30.87841	(81010107)
407012.50	3758312.50	30.82026	(81010107)	407012.50	3758287.50	32.70398	(81010107)
407012.50	3758262.50	33.56972	(81021602)	407012.50	3758237.50	32.93221	(81011702)
407012.50	3758212.50	32.46311	(81013104)	407012.50	3758187.50	30.70298	(81013104)
407012.50	3758162.50	28.53303	(81013104)	407012.50	3758137.50	28.42658	(81013104)
407037.50	3758512.50	35.45955	(81010107)	407037.50	3758487.50	35.95346	(81013104)
407037.50	3758462.50	35.85807	(81013104)	407037.50	3758437.50	35.72034	(81013104)
407037.50	3758412.50	34.90727	(81013104)	407037.50	3758387.50	33.87874	(81013104)
407037.50	3758362.50	33.79067	(81013104)	407037.50	3758337.50	34.46830	(81013104)
407037.50	3758312.50	34.30206	(81013104)	407037.50	3758287.50	34.13142	(81010705)
407037.50	3758262.50	33.44321	(81010705)	407037.50	3758237.50	32.74771	(81010705)
407037.50	3758212.50	32.38197	(81010705)	407037.50	3758187.50	32.54380	(81010705)
407037.50	3758162.50	32.51641	(81010705)	407037.50	3758137.50	32.33324	(81010705)
407062.50	3758512.50	36.50972	(81010705)	407062.50	3758487.50	37.85355	(81010705)
407062.50	3758462.50	37.68742	(81010705)	407062.50	3758437.50	37.46767	(81120202)
407062.50	3758412.50	36.40358	(81021605)	407062.50	3758387.50	35.42299	(81021605)
407062.50	3758362.50	35.28497	(81021605)	407062.50	3758337.50	35.69492	(81021605)
407062.50	3758312.50	35.50262	(81021605)	407062.50	3758287.50	34.73671	(81021605)
407062.50	3758262.50	34.07069	(81011403)	407062.50	3758237.50	33.47683	(81120105)
407062.50	3758212.50	33.77515	(81120105)	407062.50	3758187.50	33.83038	(81120105)
407062.50	3758162.50	33.63907	(81120105)	407062.50	3758137.50	33.43926	(81120105)
407087.50	3758512.50	39.60634	(81120105)	407087.50	3758487.50	40.12149	(81010903)

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions mitigated

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**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM
 *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)
407087.50	3758462.50	40.65877	(81010903)	407087.50	3758437.50	39.63257	(81010903)
407087.50	3758412.50	38.81654	(81010903)	407087.50	3758387.50	38.05412	(81010903)
407087.50	3758362.50	37.81228	(81010903)	407087.50	3758337.50	37.56155	(81020607)
407087.50	3758312.50	37.31299	(81020607)	407087.50	3758287.50	37.03860	(81020502)
407087.50	3758262.50	36.03651	(81020502)	407087.50	3758237.50	35.05436	(81020502)
407087.50	3758212.50	34.82751	(81020502)	407087.50	3758187.50	34.74300	(81020502)
407087.50	3758162.50	34.50155	(81020502)	407087.50	3758137.50	34.25616	(81020502)
407112.50	3758512.50	41.74176	(81012524)	407112.50	3758487.50	42.99400	(81012524)

Appendix B

NOx Peak Hour Emissions Mitigated

407112.50	3758462.50	42.64552	(81012524)	407112.50	3758437.50	42.29276	(81012524)
407112.50	3758412.50	40.86343	(81012524)	407112.50	3758387.50	39.51168	(81012524)
407112.50	3758362.50	39.21671	(81012524)	407112.50	3758337.50	38.92135	(81011002)
407112.50	3758312.50	38.72588	(81011002)	407112.50	3758287.50	38.54544	(81011002)
407112.50	3758262.50	38.11623	(81011002)	407112.50	3758237.50	37.16135	(81011002)
407112.50	3758212.50	36.75801	(81011002)	407112.50	3758187.50	36.38084	(81011002)
407112.50	3758162.50	35.58671	(81011002)	407112.50	3758137.50	34.61880	(81011002)
407137.50	3758512.50	44.98045	(81011707)	407137.50	3758487.50	47.06227	(81011707)
407137.50	3758462.50	46.65213	(81011707)	407137.50	3758437.50	44.21585	(81011707)
407137.50	3758412.50	42.89006	(81011707)	407137.50	3758387.50	41.43313	(81011707)
407137.50	3758362.50	40.38145	(81011707)	407137.50	3758337.50	40.72482	(81011707)
407137.50	3758312.50	40.35608	(81011707)	407137.50	3758287.50	40.81587	(81011707)
407137.50	3758262.50	39.69206	(81011707)	407137.50	3758237.50	39.23076	(81022207)
407137.50	3758212.50	37.84947	(81022207)	407137.50	3758187.50	37.80482	(81022207)
407137.50	3758162.50	37.46685	(81022207)	407137.50	3758137.50	36.42565	(81022207)
407162.50	3758512.50	47.95678	(81012601)	407162.50	3758487.50	49.87309	(81012601)
407162.50	3758462.50	50.77364	(81012601)	407162.50	3758437.50	47.18557	(81122305)
407162.50	3758412.50	45.17498	(81122305)	407162.50	3758387.50	44.21013	(81122305)
407162.50	3758362.50	42.86160	(81122305)	407162.50	3758337.50	42.43980	(81122305)
407162.50	3758312.50	42.88590	(81122305)	407162.50	3758287.50	42.43816	(81122305)
407162.50	3758262.50	41.99242	(81122305)	407162.50	3758237.50	41.76529	(81122305)
407162.50	3758212.50	41.43439	(81122305)	407162.50	3758187.50	41.07681	(81122305)
407162.50	3758162.50	40.43109	(81122305)	407162.50	3758137.50	38.59145	(81122305)
407187.50	3758512.50	57.58434	(81010704)	407187.50	3758487.50	58.57068	(81013004)
407187.50	3758462.50	54.84394	(81013004)	407187.50	3758437.50	50.94506	(81013004)
407187.50	3758412.50	47.49805	(81012924)	407187.50	3758387.50	45.86864	(81012924)
407187.50	3758362.50	45.34131	(81012924)	407187.50	3758337.50	44.81277	(81012924)
407187.50	3758312.50	44.39078	(81012924)	407187.50	3758287.50	44.61166	(81012924)
407187.50	3758262.50	44.18095	(81011404)	407187.50	3758237.50	44.36089	(81011404)
407187.50	3758212.50	44.92411	(81013005)	407187.50	3758187.50	45.43423	(81013005)
407187.50	3758162.50	44.40961	(81013005)	407187.50	3758137.50	42.18715	(81013005)
407212.50	3758512.50	60.22290	(81020706)	407212.50	3758487.50	59.46767	(81012103)

* *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK HR NOx emissions mitigated

*** 07/29/11
*** 11:59:36

**MODELOPTs:

CONC

URBAN ELEV FLGPOI

NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407212.50	3758462.50	57.09435	(81012103)	407212.50	3758437.50	55.99220	(81020601)
407212.50	3758412.50	51.76503	(81020601)	407212.50	3758387.50	48.55812	(81010105)
407212.50	3758362.50	47.79684	(81010105)	407212.50	3758337.50	47.06602	(81010105)
407212.50	3758312.50	46.55420	(81010105)	407212.50	3758287.50	46.11044	(81010704)
407212.50	3758262.50	46.28416	(81010704)	407212.50	3758237.50	46.41036	(81010704)
407212.50	3758212.50	47.98544	(81010704)	407212.50	3758187.50	48.21526	(81010704)
407212.50	3758162.50	47.15176	(81013004)	407212.50	3758137.50	43.97255	(81013004)
407237.50	3758512.50	61.80573	(81010904)	407237.50	3758487.50	61.53228	(81010904)
407237.50	3758462.50	60.30609	(81012701)	407237.50	3758437.50	58.17400	(81012701)
407237.50	3758412.50	54.50816	(81012903)	407237.50	3758387.50	51.20475	(81012903)
407237.50	3758362.50	49.51222	(81012903)	407237.50	3758337.50	48.81585	(81020706)
407237.50	3758312.50	48.54096	(81020706)	407237.50	3758287.50	48.36007	(81020706)
407237.50	3758262.50	47.77920	(81012103)	407237.50	3758237.50	47.23216	(81012103)
407237.50	3758212.50	48.23471	(81012103)	407237.50	3758187.50	47.64446	(81020601)
407237.50	3758162.50	45.88079	(81020601)	407237.50	3758137.50	43.49442	(81010105)
407262.50	3758512.50	63.55315	(81012604)	407262.50	3758487.50	63.13925	(81020324)
407262.50	3758462.50	62.11199	(81012824)	407262.50	3758437.50	62.28873	(81121404)
407262.50	3758412.50	59.55042	(81121404)	407262.50	3758387.50	53.55988	(81011001)
407262.50	3758362.50	51.15873	(81010904)	407262.50	3758337.50	50.40999	(81010904)
407262.50	3758312.50	50.51352	(81010904)	407262.50	3758287.50	49.78538	(81012701)
407262.50	3758262.50	49.65584	(81012701)	407262.50	3758237.50	48.29816	(81012701)
407262.50	3758212.50	46.88380	(81012903)	407262.50	3758187.50	45.82265	(81012903)
407262.50	3758162.50	44.48313	(81012903)	407262.50	3758137.50	42.50770	(81012903)
407287.50	3758512.50	66.18244	(81013007)	407287.50	3758487.50	64.32892	(81013007)
407287.50	3758462.50	64.28856	(81013007)	407287.50	3758437.50	63.83157	(81013007)
407287.50	3758412.50	61.83167	(81012604)	407287.50	3758387.50	56.26835	(81012604)
407287.50	3758362.50	52.22549	(81012604)	407287.50	3758337.50	51.98392	(81020324)
407287.50	3758312.50	51.90318	(81012824)	407287.50	3758287.50	51.33173	(81121404)
407287.50	3758262.50	50.57353	(81121404)	407287.50	3758237.50	48.17657	(81011001)
407287.50	3758212.50	45.11813	(81010904)	407287.50	3758187.50	44.07515	(81010904)

Appendix B

NOx Peak Hour Emissions Mitigated

407287.50	3758162.50	43.99070	(81010904)	407287.50	3758137.50	42.06583	(81010904)
407312.50	3758512.50	70.39862	(81033022)	407312.50	3758487.50	70.46572	(81033022)
407312.50	3758462.50	67.26620	(81022505)	407312.50	3758437.50	65.11150	(81022505)
407312.50	3758412.50	62.71541	(81022505)	407312.50	3758387.50	58.70438	(81013007)
407312.50	3758362.50	53.53457	(81013007)	407312.50	3758337.50	52.13589	(81013007)
407312.50	3758312.50	51.97183	(81013007)	407312.50	3758287.50	51.04845	(81012604)
407312.50	3758262.50	49.12695	(81012604)	407312.50	3758237.50	45.61601	(81012604)
407312.50	3758212.50	43.44407	(81012604)	407312.50	3758187.50	42.88591	(81020324)
407312.50	3758162.50	43.28328	(81012824)	407312.50	3758137.50	42.93534	(81121404)
407337.50	3758512.50	74.20355	(81012704)	407337.50	3758487.50	72.29327	(81020124)

*** ISCS T3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36

**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 66
 CONC

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407337.50	3758462.50	69.19872	(81020124)	407337.50	3758437.50	65.67966	(81011420)
407337.50	3758412.50	62.35101	(81033022)	407337.50	3758387.50	59.37843	(81033022)
407337.50	3758362.50	53.12067	(81033022)	407337.50	3758337.50	51.14349	(81022505)
407337.50	3758312.50	49.61528	(81022505)	407337.50	3758287.50	47.90311	(81013007)
407337.50	3758262.50	46.26049	(81013007)	407337.50	3758237.50	44.44552	(81013007)
407337.50	3758212.50	42.55829	(81013007)	407337.50	3758187.50	41.82885	(81013007)
407337.50	3758162.50	42.86479	(81012604)	407337.50	3758137.50	42.80762	(81012604)
407362.50	3758512.50	73.37482	(81092505)	407362.50	3758487.50	71.76238	(81120102)
407362.50	3758462.50	68.94348	(81120102)	407362.50	3758437.50	65.50024	(81120102)
407362.50	3758412.50	62.62981	(81012704)	407362.50	3758387.50	59.46246	(81020124)
407362.50	3758362.50	54.22508	(81020124)	407362.50	3758337.50	51.04398	(81020124)
407362.50	3758312.50	47.83279	(81011420)	407362.50	3758287.50	45.66921	(81033022)
407362.50	3758262.50	43.94678	(81033022)	407362.50	3758237.50	40.49936	(81033022)
407362.50	3758212.50	40.00082	(81022505)	407362.50	3758187.50	38.94959	(81022505)
407362.50	3758162.50	40.02837	(81013007)	407362.50	3758137.50	40.99719	(81013007)
407387.50	3758512.50	72.04629	(81012606)	407387.50	3758487.50	70.55772	(81110806)
407387.50	3758462.50	66.67540	(81100604)	407387.50	3758437.50	62.60056	(81092505)
407387.50	3758412.50	61.06537	(81092505)	407387.50	3758387.50	59.15730	(81120102)
407387.50	3758362.50	54.87668	(81120102)	407387.50	3758337.50	52.53240	(81012704)
407387.50	3758312.50	49.02931	(81012704)	407387.50	3758287.50	45.82964	(81020124)
407387.50	3758262.50	42.50763	(81020124)	407387.50	3758237.50	39.35365	(81020124)
407387.50	3758212.50	36.45140	(81011420)	407387.50	3758187.50	33.06934	(81033022)
407387.50	3758162.50	33.00522	(81033022)	407387.50	3758137.50	33.43322	(81033022)
407412.50	3758512.50	70.63398	(81122403)	407412.50	3758487.50	68.66979	(81012606)
407412.50	3758462.50	65.04539	(81012606)	407412.50	3758437.50	61.00180	(81012606)
407412.50	3758412.50	58.75804	(81110806)	407412.50	3758387.50	57.78145	(81110806)
407412.50	3758362.50	54.77868	(81092505)	407412.50	3758337.50	52.19855	(81092505)
407412.50	3758312.50	50.40063	(81120102)	407412.50	3758287.50	47.15533	(81120102)
407412.50	3758262.50	44.19863	(81120102)	407412.50	3758237.50	40.50186	(81012704)
407412.50	3758212.50	37.16402	(81012704)	407412.50	3758187.50	34.34160	(81020124)
407412.50	3758162.50	33.15692	(81020124)	407412.50	3758137.50	31.93412	(81020124)
407437.50	3758512.50	72.28128	(81020402)	407437.50	3758487.50	70.74176	(81020624)
407437.50	3758462.50	69.55032	(81122403)	407437.50	3758437.50	65.46535	(81122403)
407437.50	3758412.50	60.43347	(81012606)	407437.50	3758387.50	57.69665	(81012606)
407437.50	3758362.50	54.89798	(81012606)	407437.50	3758337.50	52.91935	(81013123)
407437.50	3758312.50	51.23018	(81110806)	407437.50	3758287.50	49.45422	(81100604)
407437.50	3758262.50	44.96762	(81092505)	407437.50	3758237.50	41.91930	(81092505)
407437.50	3758212.50	40.45975	(81120102)	407437.50	3758187.50	39.63187	(81120102)
407437.50	3758162.50	38.17652	(81120102)	407437.50	3758137.50	35.66407	(81012704)
407462.50	3758512.50	76.30667	(81020504)	407462.50	3758487.50	74.62706	(81112206)

*** ISCS T3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36

**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 67
 CONC

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Appendix B

				NOx Peak Hour Emissions Mitigated			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407462.50	3758462.50	74.44936	(81020402)	407462.50	3758437.50	69.98847	(81020624)
407462.50	3758412.50	62.39673	(81122403)	407462.50	3758387.50	57.33487	(81122403)
407462.50	3758362.50	52.88010	(81122403)	407462.50	3758337.50	51.49538	(81012606)
407462.50	3758312.50	51.03644	(81012606)	407462.50	3758287.50	50.56921	(81012606)
407462.50	3758262.50	48.15517	(81013123)	407462.50	3758237.50	44.22864	(81110806)
407462.50	3758212.50	42.58916	(81110806)	407462.50	3758187.50	41.42753	(81092505)
407462.50	3758162.50	39.96117	(81092505)	407462.50	3758137.50	38.49799	(81120102)
407487.50	3758512.50	74.94550	(81101706)	407487.50	3758487.50	76.58881	(81020307)
407487.50	3758462.50	74.79091	(81020307)	407487.50	3758437.50	69.36461	(81112206)
407487.50	3758412.50	61.54623	(81020402)	407487.50	3758387.50	56.10956	(81020402)
407487.50	3758362.50	52.20482	(81020624)	407487.50	3758337.50	50.65701	(81122403)
407487.50	3758312.50	50.16175	(81122403)	407487.50	3758287.50	50.05689	(81122403)
407487.50	3758262.50	49.14884	(81012606)	407487.50	3758237.50	47.96562	(81012606)
407487.50	3758212.50	46.53760	(81012606)	407487.50	3758187.50	44.29433	(81012606)
407487.50	3758162.50	42.99179	(81110806)	407487.50	3758137.50	41.80797	(81110806)
407512.50	3758512.50	66.03414	(81011504)	407512.50	3758487.50	66.04758	(81103003)
407512.50	3758462.50	67.51154	(81020623)	407512.50	3758437.50	64.37634	(81101706)
407512.50	3758412.50	58.25993	(81020307)	407512.50	3758387.50	54.26406	(81020504)
407512.50	3758362.50	51.83127	(81112206)	407512.50	3758337.50	52.36153	(81020402)
407512.50	3758312.50	51.79992	(81020402)	407512.50	3758287.50	50.91994	(81020624)
407512.50	3758262.50	50.21836	(81122403)	407512.50	3758237.50	48.90487	(81122403)
407512.50	3758212.50	48.16177	(81122403)	407512.50	3758187.50	46.77017	(81012606)
407512.50	3758162.50	46.04961	(81012606)	407512.50	3758137.50	44.35386	(81012606)
407537.50	3758512.50	24.14224	(81020708)	407537.50	3758487.50	23.30994	(81020708)
407537.50	3758462.50	22.42956	(81020708)	407537.50	3758437.50	21.51549	(81020708)
407537.50	3758412.50	20.58052	(81020708)	407537.50	3758387.50	19.63592	(81020708)
407537.50	3758362.50	18.69138	(81020708)	407537.50	3758337.50	17.75513	(81020708)
407537.50	3758312.50	16.83400	(81020708)	407537.50	3758287.50	15.93359	(81020708)
407537.50	3758262.50	15.38299	(81120710)	407537.50	3758237.50	15.69051	(81120710)
407537.50	3758212.50	15.96240	(81120710)	407537.50	3758187.50	16.19958	(81120710)
407537.50	3758162.50	16.40316	(81120710)	407537.50	3758137.50	16.57441	(81120710)
407562.50	3758512.50	24.59174	(81020708)	407562.50	3758487.50	23.97692	(81020708)
407562.50	3758462.50	23.28655	(81020708)	407562.50	3758437.50	22.53550	(81020708)
407562.50	3758412.50	21.73766	(81020708)	407562.50	3758387.50	20.90573	(81020708)
407562.50	3758362.50	20.05115	(81020708)	407562.50	3758337.50	19.18403	(81020708)
407562.50	3758312.50	18.31322	(81020708)	407562.50	3758287.50	17.44630	(81020708)
407562.50	3758262.50	16.58967	(81020708)	407562.50	3758237.50	15.74866	(81020708)
407562.50	3758212.50	14.92759	(81020708)	407562.50	3758187.50	14.88817	(81120710)
407562.50	3758162.50	15.16779	(81120710)	407562.50	3758137.50	15.41611	(81120710)
407587.50	3758512.50	24.52011	(81020708)	407587.50	3758487.50	24.14804	(81020708)

• *** ISCS3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

*** 07/29/11

*** ANALYSIS PEAK HR NOx emissions mitigated

*** 11:59:36

**MODELOPTs:

CONC URBAN ELEV FLGPL NOCALM

PAGE 68

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1, 2, 3, 4

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407587.50	3758462.50	23.67804	(81020708)	407587.50	3758437.50	23.12405	(81020708)
407587.50	3758412.50	22.49975	(81020708)	407587.50	3758387.50	21.81816	(81020708)
407587.50	3758362.50	21.09152	(81020708)	407587.50	3758337.50	20.33105	(81020708)
407587.50	3758312.50	19.54696	(81020708)	407587.50	3758287.50	18.74837	(81020708)
407587.50	3758262.50	17.94327	(81020708)	407587.50	3758237.50	17.13865	(81020708)
407587.50	3758212.50	16.34047	(81020708)	407587.50	3758187.50	15.55374	(81020708)
407587.50	3758162.50	14.78265	(81020708)	407587.50	3758137.50	14.13035	(81120710)
407612.50	3758512.50	23.95910	(81020708)	407612.50	3758487.50	23.83846	(81020708)
407612.50	3758462.50	23.60437	(81020708)	407612.50	3758437.50	23.26860	(81020708)
407612.50	3758412.50	22.84336	(81020708)	407612.50	3758387.50	22.34085	(81020708)
407612.50	3758362.50	21.77302	(81020708)	407612.50	3758337.50	21.15133	(81020708)
407612.50	3758312.50	20.48655	(81020708)	407612.50	3758287.50	19.78864	(81020708)
407612.50	3758262.50	19.06672	(81020708)	407612.50	3758237.50	18.32897	(81020708)
407612.50	3758212.50	17.58266	(81020708)	407612.50	3758187.50	16.83418	(81020708)
407612.50	3758162.50	16.08905	(81020708)	407612.50	3758137.50	15.35200	(81020708)
407637.50	3758512.50	22.96714	(81020708)	407637.50	3758487.50	23.09064	(81020708)
407637.50	3758462.50	23.09296	(81020708)	407637.50	3758437.50	22.98275	(81020708)
407637.50	3758412.50	22.76968	(81020708)	407637.50	3758387.50	22.46412	(81020708)
407637.50	3758362.50	22.07673	(81020708)	407637.50	3758337.50	21.61824	(81020708)
407637.50	3758312.50	21.09914	(81020708)	407637.50	3758287.50	20.52950	(81020708)

Appendix B

NOx Peak Hour Emissions Mitigated

407637.50	3758262.50	19.91885	(81020708)	407637.50	3758237.50	19.27604	(81020708)
407637.50	3758212.50	18.60921	(81020708)	407637.50	3758187.50	17.92573	(81020708)
407637.50	3758162.50	17.23219	(81020708)	407637.50	3758137.50	16.53443	(81020708)
407662.50	3758512.50	21.62122	(81020708)	407662.50	3758487.50	21.96785	(81020708)
407662.50	3758462.50	22.19341	(81020708)	407662.50	3758437.50	22.30278	(81020708)
407662.50	3758412.50	22.30245	(81020708)	407662.50	3758387.50	22.20012	(81020708)
407662.50	3758362.50	22.00435	(81020708)	407662.50	3758337.50	21.72428	(81020708)
407662.50	3758312.50	21.36930	(81020708)	407662.50	3758287.50	20.94883	(81020708)
407662.50	3758262.50	20.47211	(81020708)	407662.50	3758237.50	19.94804	(81020708)
407662.50	3758212.50	19.38505	(81020708)	407662.50	3758187.50	18.79103	(81020708)
407662.50	3758162.50	18.17326	(81020708)	407662.50	3758137.50	17.53837	(81020708)
407687.50	3758512.50	20.00845	(81020708)	407687.50	3758487.50	20.54675	(81020708)
407687.50	3758462.50	20.97111	(81020708)	407687.50	3758437.50	21.28254	(81020708)
407687.50	3758412.50	21.48397	(81020708)	407687.50	3758387.50	21.57998	(81020708)
407687.50	3758362.50	21.57645	(81020708)	407687.50	3758337.50	21.48025	(81020708)
407687.50	3758312.50	21.29899	(81020708)	407687.50	3758287.50	21.04075	(81020708)
407687.50	3758262.50	20.71382	(81020708)	407687.50	3758237.50	20.32649	(81020708)
407687.50	3758212.50	19.88692	(81020708)	407687.50	3758187.50	19.40301	(81020708)
407687.50	3758162.50	18.88223	(81020708)	407687.50	3758137.50	18.33164	(81020708)
407712.50	3758512.50	18.21811	(81020708)	407712.50	3758487.50	18.90988	(81020708)

*** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36
 **MODELOPTs: ** PAGE 69
 CONC URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)
407712.50	3758462.50	19.50053	(81020708)	407712.50	3758437.50	19.98747	(81020708)
407712.50	3758412.50	20.37013	(81020708)	407712.50	3758387.50	20.64978	(81020708)
407712.50	3758362.50	20.82933	(81020708)	407712.50	3758337.50	20.91300	(81020708)
407712.50	3758312.50	20.90613	(81020708)	407712.50	3758287.50	20.81488	(81020708)
407712.50	3758262.50	20.64603	(81020708)	407712.50	3758237.50	20.40673	(81020708)
407712.50	3758212.50	20.10430	(81020708)	407712.50	3758187.50	19.74609	(81020708)
407712.50	3758162.50	19.33933	(81020708)	407712.50	3758137.50	18.89102	(81020708)
407737.50	3758512.50	17.86977	(81100608)	407737.50	3758487.50	17.13900	(81020708)
407737.50	3758462.50	17.85877	(81020708)	407737.50	3758437.50	18.48864	(81020708)
407737.50	3758412.50	19.02491	(81020708)	407737.50	3758387.50	19.46573	(81020708)
407737.50	3758362.50	19.81100	(81020708)	407737.50	3758337.50	20.06216	(81020708)
407737.50	3758312.50	20.22201	(81020708)	407737.50	3758287.50	20.29448	(81020708)
407737.50	3758262.50	20.28440	(81020708)	407737.50	3758237.50	20.19732	(81020708)
407737.50	3758212.50	20.03926	(81020708)	407737.50	3758187.50	19.81656	(81020708)
407737.50	3758162.50	19.53575	(81020708)	407737.50	3758137.50	19.20331	(81020708)
407762.50	3758512.50	18.80368	(81032207)	407762.50	3758487.50	17.92598	(81100608)
407762.50	3758462.50	17.21393	(81100608)	407762.50	3758437.50	16.85729	(81020708)
407762.50	3758412.50	17.51521	(81020708)	407762.50	3758387.50	18.08931	(81020708)
407762.50	3758362.50	18.57674	(81020708)	407762.50	3758337.50	18.97626	(81020708)
407762.50	3758312.50	19.28810	(81020708)	407762.50	3758287.50	19.51382	(81020708)
407762.50	3758262.50	19.65609	(81020708)	407762.50	3758237.50	19.71852	(81020708)
407762.50	3758212.50	19.70553	(81020708)	407762.50	3758187.50	19.62207	(81020708)
407762.50	3758162.50	19.47352	(81020708)	407762.50	3758137.50	19.26555	(81020708)
407787.50	3758512.50	20.26544	(81032207)	407787.50	3758487.50	18.86512	(81032207)
407787.50	3758462.50	17.94125	(81100608)	407787.50	3758437.50	17.28768	(81100608)
407787.50	3758412.50	16.56448	(81100608)	407787.50	3758387.50	16.58281	(81020708)
407787.50	3758362.50	17.18485	(81020708)	407787.50	3758337.50	17.70876	(81020708)
407787.50	3758312.50	18.15240	(81020708)	407787.50	3758287.50	18.51501	(81020708)
407787.50	3758262.50	18.79705	(81020708)	407787.50	3758237.50	19.00012	(81020708)
407787.50	3758212.50	19.12676	(81020708)	407787.50	3758187.50	19.18031	(81020708)
407787.50	3758162.50	19.16475	(81020708)	407787.50	3758137.50	19.08454	(81020708)
407812.50	3758512.50	21.50448	(81032207)	407812.50	3758487.50	20.21855	(81032207)
407812.50	3758462.50	18.89675	(81032207)	407812.50	3758437.50	17.92062	(81100608)
407812.50	3758412.50	17.32343	(81100608)	407812.50	3758387.50	16.65414	(81100608)
407812.50	3758362.50	15.92831	(81100608)	407812.50	3758337.50	16.31433	(81020708)
407812.50	3758312.50	16.86592	(81020708)	407812.50	3758287.50	17.34474	(81020708)
407812.50	3758262.50	17.74918	(81020708)	407812.50	3758237.50	18.07883	(81020708)
407812.50	3758212.50	18.33435	(81020708)	407812.50	3758187.50	18.51731	(81020708)
407812.50	3758162.50	18.63013	(81020708)	407812.50	3758137.50	18.67586	(81020708)
407837.50	3758512.50	22.49022	(81032207)	407837.50	3758487.50	21.35336	(81032207)

*** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36

Appendix B

NOx Peak Hour Emissions Mitigated

**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407837.50	3758462.50	20.14906	(81032207)	407837.50	3758437.50	18.90225	(81032207)
407837.50	3758412.50	17.86858	(81100608)	407837.50	3758387.50	17.32545	(81100608)
407837.50	3758362.50	16.70844	(81100608)	407837.50	3758337.50	16.03197	(81100608)
407837.50	3758312.50	15.47948	(81020708)	407837.50	3758287.50	16.05118	(81020708)
407837.50	3758262.50	16.55731	(81020708)	407837.50	3758237.50	16.99563	(81020708)
407837.50	3758212.50	17.36500	(81020708)	407837.50	3758187.50	17.66526	(81020708)
407837.50	3758162.50	17.89719	(81020708)	407837.50	3758137.50	18.06233	(81020708)
407862.50	3758512.50	23.20340	(81032207)	407862.50	3758487.50	22.24363	(81032207)
407862.50	3758462.50	21.18768	(81032207)	407862.50	3758437.50	20.06031	(81032207)
407862.50	3758412.50	18.88493	(81032207)	407862.50	3758387.50	17.78913	(81100608)
407862.50	3758362.50	17.29760	(81100608)	407862.50	3758337.50	16.73097	(81100608)
407862.50	3758312.50	16.10263	(81100608)	407862.50	3758287.50	15.42562	(81100608)
407862.50	3758262.50	15.26649	(81020708)	407862.50	3758237.50	15.79308	(81020708)
407862.50	3758212.50	16.25824	(81020708)	407862.50	3758187.50	16.66023	(81020708)
407862.50	3758162.50	16.99823	(81020708)	407862.50	3758137.50	17.27229	(81020708)
407887.50	3758512.50	23.63598	(81032207)	407887.50	3758487.50	22.87376	(81032207)
407887.50	3758462.50	21.99071	(81032207)	407887.50	3758437.50	21.01020	(81032207)
407887.50	3758412.50	19.95523	(81032207)	407887.50	3758387.50	18.84772	(81032207)
407887.50	3758362.50	17.70811	(81032207)	407887.50	3758337.50	17.24338	(81100608)
407887.50	3758312.50	16.72509	(81100608)	407887.50	3758287.50	16.14340	(81100608)
407887.50	3758262.50	15.51047	(81100608)	407887.50	3758237.50	14.83803	(81100608)
407887.50	3758212.50	15.05420	(81020708)	407887.50	3758187.50	15.54000	(81020708)
407887.50	3758162.50	15.96827	(81020708)	407887.50	3758137.50	16.33764	(81020708)
407912.50	3758512.50	23.79049	(81032207)	407912.50	3758487.50	23.23829	(81032207)
407912.50	3758462.50	22.54566	(81032207)	407912.50	3758437.50	21.73350	(81032207)
407912.50	3758412.50	20.82329	(81032207)	407912.50	3758387.50	19.83635	(81032207)
407912.50	3758362.50	18.79323	(81032207)	407912.50	3758337.50	17.71320	(81032207)
407912.50	3758312.50	17.16593	(81100608)	407912.50	3758287.50	16.69385	(81100608)
407912.50	3758262.50	16.15716	(81100608)	407912.50	3758237.50	15.56720	(81100608)
407912.50	3758212.50	14.93499	(81100608)	407912.50	3758187.50	14.34208	(81020708)
407912.50	3758162.50	14.84310	(81020708)	407912.50	3758137.50	15.29203	(81020708)
407937.50	3758512.50	23.67867	(81032207)	407937.50	3758487.50	23.34119	(81032207)
407937.50	3758462.50	22.84919	(81032207)	407937.50	3758437.50	22.22033	(81032207)
407937.50	3758412.50	21.47367	(81032207)	407937.50	3758387.50	20.62894	(81032207)
407937.50	3758362.50	19.70589	(81032207)	407937.50	3758337.50	18.72372	(81032207)
407937.50	3758312.50	17.70064	(81032207)	407937.50	3758287.50	17.06811	(81100608)
407937.50	3758262.50	16.64006	(81100608)	407937.50	3758237.50	16.14662	(81100608)
407937.50	3758212.50	15.59833	(81100608)	407937.50	3758187.50	15.00554	(81100608)
407937.50	3758162.50	14.37817	(81100608)	407937.50	3758137.50	14.16911	(81020708)
407962.50	3758512.50	23.31996	(81032207)	407962.50	3758487.50	23.19460	(81032207)

• *** IS CST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK HR NOx emissions mitigated

*** 07/29/11
*** 11:59:36
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**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407962.50	3758462.50	22.90638	(81032207)	407962.50	3758437.50	22.46912	(81032207)
407962.50	3758412.50	21.89874	(81032207)	407962.50	3758387.50	21.21261	(81032207)
407962.50	3758362.50	20.42885	(81032207)	407962.50	3758337.50	19.56575	(81032207)
407962.50	3758312.50	18.64125	(81032207)	407962.50	3758287.50	17.67249	(81032207)
407962.50	3758262.50	16.95250	(81100608)	407962.50	3758237.50	16.56628	(81100608)
407962.50	3758212.50	16.11427	(81100608)	407962.50	3758187.50	15.60625	(81100608)
407962.50	3758162.50	15.05190	(81100608)	407962.50	3758137.50	14.46059	(81100608)
407987.50	3758512.50	22.73968	(81032207)	407987.50	3758487.50	22.81746	(81032207)
407987.50	3758462.50	22.72960	(81032207)	407987.50	3758437.50	22.48578	(81032207)
407987.50	3758412.50	22.09833	(81032207)	407987.50	3758387.50	21.58161	(81032207)

Appendix B

NOx Peak Hour Emissions Mitigated

407987.50	3758362.50	20.95143	(81032207)	407987.50	3758337.50	20.22445	(81032207)
407987.50	3758312.50	19.41759	(81032207)	407987.50	3758287.50	18.54759	(81032207)
407987.50	3758262.50	17.63057	(81032207)	407987.50	3758237.50	16.82141	(81100608)
407987.50	3758212.50	16.47483	(81100608)	407987.50	3758187.50	16.06240	(81100608)
407987.50	3758162.50	15.59316	(81100608)	407987.50	3758137.50	15.07614	(81100608)
408012.50	3758512.50	21.96727	(81032207)	408012.50	3758487.50	22.23384	(81032207)
408012.50	3758462.50	22.33721	(81032207)	408012.50	3758437.50	22.28279	(81032207)
408012.50	3758412.50	22.07904	(81032207)	408012.50	3758387.50	21.73695	(81032207)
408012.50	3758362.50	21.26950	(81032207)	408012.50	3758337.50	20.69107	(81032207)
408012.50	3758312.50	20.01696	(81032207)	408012.50	3758287.50	19.26284	(81032207)
408012.50	3758262.50	18.44432	(81032207)	408012.50	3758237.50	17.57653	(81032207)
408012.50	3758212.50	16.67694	(81100608)	408012.50	3758187.50	16.36785	(81100608)
408012.50	3758162.50	15.99313	(81100608)	408012.50	3758137.50	15.56112	(81100608)
408037.50	3758512.50	21.03453	(81032207)	408037.50	3758487.50	21.47143	(81032207)
408037.50	3758462.50	21.75210	(81032207)	408037.50	3758437.50	21.87787	(81032207)
408037.50	3758412.50	21.85328	(81032207)	408037.50	3758387.50	21.68572	(81032207)
408037.50	3758362.50	21.38500	(81032207)	408037.50	3758337.50	20.96280	(81032207)
408037.50	3758312.50	20.43226	(81032207)	408037.50	3758287.50	19.80741	(81032207)
408037.50	3758262.50	19.10275	(81032207)	408037.50	3758237.50	18.33282	(81032207)
408037.50	3758212.50	17.51184	(81032207)	408037.50	3758187.50	16.65341	(81032207)
408037.50	3758162.50	16.24727	(81100608)	408037.50	3758137.50	15.90841	(81100608)
408062.50	3758512.50	19.97411	(81032207)	408062.50	3758487.50	20.55992	(81032207)
408062.50	3758462.50	21.00030	(81032207)	408062.50	3758437.50	21.29279	(81032207)
408062.50	3758412.50	21.43817	(81032207)	408062.50	3758387.50	21.44020	(81032207)
408062.50	3758362.50	21.30537	(81032207)	408062.50	3758337.50	21.04239	(81032207)
408062.50	3758312.50	20.66181	(81032207)	408062.50	3758287.50	20.17561	(81032207)
408062.50	3758262.50	19.59666	(81032207)	408062.50	3758237.50	18.93838	(81032207)
408062.50	3758212.50	18.21431	(81032207)	408062.50	3758187.50	17.43781	(81032207)
408062.50	3758162.50	16.62170	(81032207)	408062.50	3758137.50	16.11485	(81100608)
408087.50	3758512.50	18.81816	(81032207)	408087.50	3758487.50	19.52967	(81032207)

*** ICST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36
 **MODELOPTs: PAGE 72

CONC URBAN ELEV FLGPL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER				IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
408087.50	3758462.50	20.10957	(81032207)	408087.50	3758437.50	20.55202	(81032207)
408087.50	3758412.50	20.85436	(81032207)	408087.50	3758387.50	21.01689	(81032207)
408087.50	3758362.50	21.04272	(81032207)	408087.50	3758337.50	20.93750	(81032207)
408087.50	3758312.50	20.70899	(81032207)	408087.50	3758287.50	20.36672	(81032207)
408087.50	3758262.50	19.92159	(81032207)	408087.50	3758237.50	19.38543	(81032207)
408087.50	3758212.50	18.77065	(81032207)	408087.50	3758187.50	18.08987	(81032207)
408087.50	3758162.50	17.35559	(81032207)	408087.50	3758137.50	16.57994	(81032207)
408112.50	3758512.50	17.59726	(81032207)	408112.50	3758487.50	18.41056	(81032207)
408112.50	3758462.50	19.10821	(81032207)	408112.50	3758437.50	19.68157	(81032207)
408112.50	3758412.50	20.12492	(81032207)	408112.50	3758387.50	20.43538	(81032207)
408112.50	3758362.50	20.61291	(81032207)	408112.50	3758337.50	20.66002	(81032207)
408112.50	3758312.50	20.58162	(81032207)	408112.50	3758287.50	20.38463	(81032207)
408112.50	3758262.50	20.07764	(81032207)	408112.50	3758237.50	19.67059	(81032207)
408112.50	3758212.50	19.17434	(81032207)	408112.50	3758187.50	18.60038	(81032207)
408112.50	3758162.50	17.96043	(81032207)	408112.50	3758137.50	17.26624	(81032207)
405962.50	3758562.50	17.98636	(81111408)	406012.50	3758562.50	19.12767	(81111408)
406062.50	3758562.50	19.82576	(81111408)	406112.50	3758562.50	19.98171	(81111408)
406162.50	3758562.50	19.55742	(81111408)	406212.50	3758562.50	19.50174	(81082408)
406262.50	3758562.50	20.40273	(81061607)	406312.50	3758562.50	21.14060	(81061607)
406362.50	3758562.50	21.06853	(81061607)	406412.50	3758562.50	20.15515	(81061607)
406462.50	3758562.50	18.49510	(81061607)	405962.50	3760012.50	62.39869	(81061421)
405962.50	3759962.50	64.10777	(81122507)	405962.50	3759912.50	65.71764	(81122507)
405962.50	3759862.50	63.00061	(81122507)	405962.50	3759812.50	62.55507	(81122423)
405962.50	3759762.50	63.24863	(81122603)	405962.50	3759712.50	64.12678	(81030303)
405962.50	3759662.50	64.55419	(81033101)	405962.50	3759612.50	61.15639	(81022302)
405962.50	3759562.50	58.73430	(81122905)	405962.50	3759512.50	62.28380	(81112104)
405962.50	3759462.50	61.47032	(81112107)	405962.50	3759412.50	54.97932	(81110821)
405962.50	3759362.50	36.28980	(81101504)	405962.50	3759312.50	28.20830	(81120824)
405962.50	3759262.50	21.54357	(81122608)	405962.50	3759212.50	17.17834	(81033103)
405962.50	3759162.50	16.41376	(81112003)	405962.50	3759112.50	15.68187	(81103007)
405962.50	3759062.50	14.81127	(81112004)	405962.50	3759012.50	14.50071	(81101705)
405962.50	3758962.50	14.33407	(81030306)	405962.50	3758912.50	13.75618	(81120124)

Appendix B

NOx Peak Hour Emissions Mitigated

406162.50	3759112.50	17.10852	(81122608)	406162.50	3759062.50	16.38650	(81040402)
406162.50	3759012.50	15.89283	(81101602)	406162.50	3758962.50	15.44123	(81112004)
406162.50	3758912.50	14.49787	(81101705)	406162.50	3758862.50	15.73218	(81110909)
406162.50	3758812.50	17.11386	(81110909)	406162.50	3758762.50	18.30328	(81111408)
406162.50	3758712.50	19.71951	(81111408)	406162.50	3758662.50	20.37108	(81111408)
406162.50	3758612.50	20.29426	(81111408)	406212.50	3759412.50	38.40796	(81031402)
406212.50	3759362.50	35.13054	(81103006)	406212.50	3759312.50	28.49743	(81033103)
406212.50	3759262.50	22.93426	(81112003)	406212.50	3759212.50	20.28352	(81120404)
406212.50	3759162.50	19.08782	(81022005)	406212.50	3759112.50	18.24613	(81121004)
406212.50	3759062.50	17.55801	(81101424)	406212.50	3759012.50	16.63688	(81050704)
406212.50	3758962.50	16.02633	(81051705)	406212.50	3758912.50	15.05578	(81050504)
406212.50	3758862.50	16.54579	(81110909)	406212.50	3758812.50	18.04113	(81111408)
406212.50	3758762.50	19.69296	(81111408)	406212.50	3758712.50	20.51060	(81111408)
406212.50	3758662.50	20.52175	(81111408)	406212.50	3758612.50	19.82588	(81111408)
406262.50	3759412.50	49.31913	(81051005)	406262.50	3759362.50	33.77705	(81122608)
406262.50	3759312.50	26.99580	(81040402)	406262.50	3759262.50	24.41404	(81030224)
406262.50	3759212.50	22.04783	(81120404)	406262.50	3759162.50	20.68187	(81120223)
406262.50	3759112.50	19.49195	(81031801)	406262.50	3759062.50	18.56864	(81031002)
406262.50	3759012.50	17.27176	(81040605)	406262.50	3758962.50	16.43205	(81112302)
406262.50	3758912.50	15.72653	(81110909)	406262.50	3758862.50	17.63183	(81111408)
406262.50	3758812.50	19.46729	(81111408)	406262.50	3758762.50	20.48740	(81111408)
406262.50	3758712.50	20.63763	(81111408)	406262.50	3758662.50	20.02663	(81111408)
406262.50	3758612.50	19.69787	(81082408)	406312.50	3759412.50	49.59064	(81050904)
406312.50	3759362.50	38.90194	(81121503)	406312.50	3759312.50	28.52352	(81121923)
406312.50	3759262.50	26.62304	(81022802)	406312.50	3759212.50	24.22256	(81040224)
406312.50	3759162.50	22.24864	(81110904)	406312.50	3759112.50	20.62565	(81121503)
406312.50	3759062.50	19.32566	(81112003)	406312.50	3759012.50	18.04385	(81112004)
406312.50	3758962.50	16.69056	(81101705)	406312.50	3758912.50	16.97577	(81111408)
406312.50	3758862.50	19.03930	(81111408)	406312.50	3758812.50	20.26015	(81111408)
406312.50	3758762.50	20.60353	(81111408)	406312.50	3758712.50	20.12262	(81111408)
406312.50	3758662.50	19.77859	(81082408)	406312.50	3758612.50	20.78123	(81061607)
406362.50	3759412.50	36.96685	(81030803)	406362.50	3759362.50	34.62073	(81121503)
406362.50	3759312.50	30.70649	(81121923)	406362.50	3759262.50	28.02361	(81040405)
406362.50	3759212.50	26.06138	(81121006)	406362.50	3759162.50	23.77999	(81103006)
406362.50	3759112.50	21.95528	(81033103)	406362.50	3759062.50	20.34554	(81020319)
406362.50	3759012.50	18.76593	(81051704)	406362.50	3758962.50	17.39515	(81030306)
406362.50	3758912.50	18.34038	(81111408)	406362.50	3758862.50	19.84067	(81111408)
406362.50	3758812.50	20.38422	(81111408)	406362.50	3758762.50	20.06473	(81111408)
406362.50	3758712.50	19.98495	(81061607)	406362.50	3758662.50	21.01937	(81061607)
406362.50	3758612.50	21.36909	(81061607)	406412.50	3759312.50	32.54360	(81020721)

• *** ISCSST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36
 **MODELOPTs: URBAN ELEV FLGPL NOCALM PAGE 75

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)
406412.50	3759262.50	30.59637	(81121223)	406412.50	3759212.50	28.25655	(81031007)
406412.50	3759162.50	25.40544	(81010104)	406412.50	3759112.50	23.29005	(81101304)
406412.50	3759062.50	21.47766	(81040605)	406412.50	3759012.50	19.89838	(81120921)
406412.50	3758962.50	18.14507	(81112024)	406412.50	3758912.50	19.03549	(81111408)
406412.50	3758862.50	19.94938	(81111408)	406412.50	3758812.50	19.85185	(81111408)
406412.50	3758762.50	20.01881	(81061607)	406412.50	3758712.50	21.07533	(81061607)
406412.50	3758662.50	21.42312	(81061607)	406412.50	3758612.50	21.09617	(81061607)
406462.50	3759312.50	35.51810	(81040906)	406462.50	3759262.50	33.24551	(81040301)
406462.50	3759212.50	30.23835	(81111807)	406462.50	3759162.50	26.96040	(81031801)
406462.50	3759112.50	24.52431	(81121224)	406462.50	3759062.50	21.92178	(81112004)
406462.50	3759012.50	20.65837	(81050504)	406462.50	3758962.50	19.04220	(81030924)
406462.50	3758912.50	18.97572	(81111408)	406462.50	3758862.50	19.38333	(81111408)
406462.50	3758812.50	19.82775	(81061607)	406462.50	3758762.50	20.92118	(81061607)
406462.50	3758712.50	21.31770	(81061607)	406462.50	3758662.50	20.99303	(81061607)
406462.50	3758612.50	20.00773	(81061607)	406512.50	3759262.50	36.93713	(81122424)
406512.50	3759212.50	33.05865	(81120223)	406512.50	3759162.50	28.62744	(81121503)
406512.50	3759112.50	26.17594	(81050704)	406512.50	3759062.50	23.95601	(81112302)
406512.50	3759012.50	21.82847	(81112024)	406512.50	3758962.50	19.75199	(81042005)
406512.50	3758912.50	18.48811	(81111408)	406512.50	3758862.50	19.17645	(81061607)
406512.50	3758812.50	20.40715	(81061607)	406512.50	3758762.50	20.96671	(81061607)
406512.50	3758712.50	20.73489	(81061607)	406512.50	3758662.50	19.76664	(81061607)
406512.50	3758612.50	18.19874	(81061607)	406537.50	3758562.50	17.34188	(81103005)

Appendix B

NOx Peak Hour Emissions Mitigated

406562.50	3759262.50	41.92714	(81013002)	406562.50	3759212.50	37.22377	(81101402)
406562.50	3759162.50	32.59583	(81101424)	406562.50	3759112.50	28.97433	(81101302)
406562.50	3759062.50	26.08378	(81050504)	406562.50	3759012.50	23.59699	(81120304)
406562.50	3758962.50	19.89247	(81013022)	406562.50	3758912.50	19.32711	(81101405)
406562.50	3758862.50	19.68080	(81022702)	406562.50	3758812.50	20.37939	(81061607)
406562.50	3758762.50	20.36671	(81061607)	406562.50	3758712.50	19.49323	(81061607)
406562.50	3758662.50	17.90065	(81061607)	406562.50	3758612.50	17.66606	(81030805)
406587.50	3758562.50	17.87006	(81121507)	406612.50	3759212.50	43.96512	(81030901)
406612.50	3759162.50	38.17758	(81112003)	406612.50	3759112.50	32.65281	(81031703)
406612.50	3759062.50	28.64118	(81121201)	406612.50	3759012.50	24.36260	(81110302)
406612.50	3758962.50	23.63415	(81021221)	406612.50	3758912.50	23.18234	(81112101)
406612.50	3758862.50	22.35619	(81120206)	406612.50	3758812.50	21.07439	(81040403)
406612.50	3758762.50	19.95813	(81122203)	406612.50	3758712.50	19.27354	(81020702)
406612.50	3758662.50	18.73344	(81030805)	406637.50	3758562.50	17.94550	(81020606)
406662.50	3759162.50	42.25240	(81103007)	406662.50	3759112.50	34.65231	(81110705)
406662.50	3759062.50	31.74143	(81030307)	406662.50	3759012.50	27.88721	(81122406)
406662.50	3758962.50	27.66883	(81122419)	406662.50	3758912.50	26.35293	(81122223)
406662.50	3758862.50	24.50028	(81021004)	406662.50	3758812.50	22.57577	(81122203)

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36

**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 76

CONC

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406662.50	3758762.50	20.77652	(81020702)	406662.50	3758712.50	19.69943	(81030805)
406687.50	3758562.50	19.90194	(81080607)	406712.50	3759162.50	45.20540	(81111006)
406712.50	3759112.50	38.52898	(81120124)	406712.50	3759062.50	41.34219	(81111806)
406712.50	3759012.50	35.93600	(81121906)	406712.50	3758962.50	33.27195	(81112603)
406712.50	3758912.50	28.52415	(81021004)	406712.50	3758862.50	25.06932	(81122203)
406712.50	3758612.50	21.10064	(81030806)	406737.50	3758562.50	21.59633	(81080607)
406762.50	3759062.50	56.04635	(81101405)	406762.50	3759012.50	43.02460	(81022707)
406762.50	3758962.50	35.31456	(81021004)	406762.50	3758912.50	28.94959	(81031502)
406762.50	3758662.50	23.27039	(81122402)	406762.50	3758612.50	21.68272	(81080607)
406787.50	3758562.50	21.85795	(81080607)	406812.50	3759012.50	49.68798	(81021004)
406812.50	3758962.50	36.31723	(81010201)	406812.50	3758712.50	26.10870	(81121506)
406812.50	3758662.50	24.80779	(81122204)	406812.50	3758612.50	23.66111	(81120103)
406837.50	3758562.50	20.31558	(81080607)	406862.50	3758762.50	29.29804	(81121502)
406862.50	3758712.50	28.12954	(81120103)	406862.50	3758662.50	26.12425	(81032804)
406862.50	3758612.50	23.22223	(81120306)	406887.50	3758562.50	24.56024	(81122205)
406912.50	3758762.50	31.53878	(81080806)	406912.50	3758712.50	28.48977	(81122405)
406912.50	3758662.50	26.13430	(81112822)	406912.50	3758612.50	22.29884	(81122205)
406937.50	3758562.50	26.58316	(81012605)	406962.50	3758762.50	33.57790	(81122205)
406962.50	3758712.50	29.57021	(81010502)	406962.50	3758662.50	26.49786	(81030802)
406962.50	3758612.50	26.04935	(81012605)	406987.50	3758562.50	30.77131	(81020201)
407012.50	3758712.50	32.24402	(81012607)	407012.50	3758662.50	27.94415	(81021408)
407012.50	3758612.50	28.59813	(81012602)	407037.50	3758562.50	33.97540	(81010107)
407062.50	3758662.50	27.79175	(81021408)	407062.50	3758612.50	33.41423	(81013104)
407087.50	3758562.50	37.40425	(81120105)	407112.50	3758662.50	34.42379	(81010101)
407112.50	3758612.50	38.43792	(81012524)	407137.50	3758562.50	41.91096	(81011707)
407162.50	3758662.50	45.44774	(81013005)	407162.50	3758612.50	43.10475	(81013005)
407187.50	3758562.50	51.56179	(81010704)	407212.50	3758662.50	53.04029	(81012701)
407212.50	3758612.50	54.10710	(81012903)	407237.50	3758562.50	59.48454	(81010904)
407262.50	3758662.50	60.69352	(81013007)	407262.50	3758612.50	58.78326	(81013007)
407287.50	3758562.50	60.44140	(81022505)	407312.50	3758662.50	68.61002	(81120102)
407312.50	3758612.50	64.45831	(81012704)	407337.50	3758562.50	66.68096	(81120102)
407362.50	3758662.50	76.24454	(81122403)	407362.50	3758612.50	71.08014	(81012606)
407387.50	3758562.50	71.20637	(81012606)	407412.50	3758662.50	80.36850	(81020307)
407412.50	3758612.50	78.01662	(81112206)	407437.50	3758562.50	76.28665	(81112206)
407462.50	3758662.50	79.66472	(81011324)	407462.50	3758612.50	77.67919	(81011504)
407487.50	3758562.50	72.60053	(81011504)	407512.50	3758662.50	68.70793	(81012522)
407512.50	3758612.50	64.35838	(81021405)	407537.50	3758562.50	25.59826	(81020708)
407562.50	3758662.50	25.81730	(81020708)	407562.50	3758612.50	25.97940	(81020708)
407587.50	3758562.50	24.91510	(81020708)	407612.50	3758662.50	21.80387	(81020708)
407612.50	3758612.50	23.11006	(81020708)	407637.50	3758562.50	22.32999	(81020708)

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36

**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 77

CONC

Appendix B

NOx Peak Hour Emissions Mitigated

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER				IN MICROGRAMS/M**3				**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407662.50	3758612.50	19.00078	(81020708)	407687.50	3758562.50	18.59699	(81020708)				
407712.50	3758612.50	21.88944	(81032207)	407737.50	3758562.50	20.27546	(81032207)				
407762.50	3758612.50	24.49918	(81032207)	407787.50	3758562.50	22.95409	(81032207)				
407812.50	3758612.50	25.73253	(81032207)	407837.50	3758562.50	24.45411	(81032207)				
407862.50	3758612.50	25.58113	(81032207)	407887.50	3758562.50	24.70734	(81032207)				
407912.50	3758612.50	24.24092	(81032207)	407937.50	3758562.50	23.83092	(81032207)				
407962.50	3758612.50	22.02660	(81032207)	407987.50	3758562.50	22.06520	(81032207)				
408012.50	3758612.50	19.28748	(81032207)	408037.50	3758562.50	19.70449	(81032207)				
408062.50	3758612.50	17.08756	(81010509)	408087.50	3758562.50	17.03911	(81032207)				
408112.50	3758612.50	16.47990	(81010509)	405962.50	3758537.50	18.46631	(81111408)				
405987.50	3758562.50	18.60602	(81111408)	406037.50	3758562.50	19.54053	(81111408)				
406087.50	3758562.50	19.97816	(81111408)	406137.50	3758562.50	19.84048	(81111408)				
406187.50	3758562.50	19.12792	(81111408)	406237.50	3758562.50	19.75719	(81061607)				
406287.50	3758562.50	20.86672	(81061607)	406337.50	3758562.50	21.20652	(81061607)				
406387.50	3758562.50	20.71404	(81061607)	406437.50	3758562.50	19.41022	(81061607)				
406487.50	3758562.50	17.42731	(81061607)	406537.50	3758537.50	17.27155	(81120307)				
406587.50	3758537.50	17.88523	(81042106)	406637.50	3758537.50	17.92933	(81080607)				
406687.50	3758537.50	20.38803	(81080607)	406737.50	3758537.50	21.74769	(81080607)				
406787.50	3758537.50	21.59248	(81080607)	406837.50	3758537.50	21.15121	(81122405)				
406887.50	3758537.50	23.86947	(81122205)	406937.50	3758537.50	26.58760	(81012605)				
406987.50	3758537.50	31.78096	(81020201)	407037.50	3758537.50	34.14142	(81010107)				
407087.50	3758537.50	38.19640	(81120105)	407137.50	3758537.50	43.67456	(81011707)				
407187.50	3758537.50	55.51344	(81010704)	407237.50	3758537.50	60.47151	(81010904)				
407287.50	3758537.50	64.04663	(81013007)	407337.50	3758537.50	68.09256	(81120102)				
407387.50	3758537.50	69.66924	(81012606)	407437.50	3758537.50	73.69740	(81020402)				
407487.50	3758537.50	73.79065	(81103003)	407537.50	3758537.50	24.91069	(81020708)				
407587.50	3758537.50	24.78027	(81020708)	407637.50	3758537.50	22.71534	(81020708)				
407687.50	3758537.50	19.35735	(81020708)	407737.50	3758537.50	18.70829	(81032207)				
407787.50	3758537.50	21.63778	(81032207)	407837.50	3758537.50	23.53301	(81032207)				
407887.50	3758537.50	24.25442	(81032207)	407937.50	3758537.50	23.84611	(81032207)				
407987.50	3758537.50	22.48984	(81032207)	408037.50	3758537.50	20.44359	(81032207)				
408087.50	3758537.50	17.98398	(81032207)	405962.50	3759987.50	63.02747	(81061622)				
405962.50	3759937.50	64.92564	(81122507)	405962.50	3759887.50	65.63169	(81122507)				
405962.50	3759837.50	62.27461	(81121406)	405962.50	3759787.50	62.78768	(81122722)				
405962.50	3759737.50	63.50733	(81112605)	405962.50	3759687.50	64.54260	(81030305)				
405962.50	3759637.50	63.86000	(81122504)	405962.50	3759587.50	58.71785	(81112906)				
405962.50	3759537.50	61.10286	(81030804)	405962.50	3759487.50	60.81989	(81111202)				
405962.50	3759437.50	58.61436	(81031724)	405962.50	3759387.50	41.08637	(81112607)				
405962.50	3759337.50	31.49302	(81111807)	405962.50	3759287.50	24.12729	(81103006)				
405962.50	3759237.50	19.20206	(81121503)	405962.50	3759187.50	16.51702	(81101304)				

• *** ISCS3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK HR NOx emissions mitigated

*** 07/29/11
 *** 11:59:36
 *** PAGE 78

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER				IN MICROGRAMS/M**3				**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
405962.50	3759137.50	16.18763	(81050704)	405962.50	3759087.50	15.60023	(81112004)				
405962.50	3759037.50	14.51855	(81031703)	405962.50	3758987.50	14.39898	(81030306)				
405962.50	3758937.50	14.04310	(81040103)	405962.50	3758887.50	13.90034	(81120304)				
405962.50	3758837.50	14.06806	(81021809)	405962.50	3758787.50	14.64417	(81021809)				
405962.50	3758737.50	15.21847	(81110909)	405962.50	3758687.50	16.60265	(81110909)				
405962.50	3758637.50	17.39535	(81110909)	406012.50	3759987.50	67.52466	(81122507)				
406012.50	3759937.50	64.83189	(81122507)	406012.50	3759887.50	65.59430	(81122507)				
406012.50	3759837.50	64.27984	(81122507)	406012.50	3759787.50	64.68430	(81042801)				
406012.50	3759737.50	65.58356	(81122324)	406012.50	3759687.50	66.66369	(81030305)				
406012.50	3759637.50	66.99588	(81010424)	406012.50	3759587.50	64.81828	(81112906)				
406012.50	3759537.50	64.83173	(81030304)	406012.50	3759487.50	62.27300	(81030801)				
406012.50	3759437.50	42.67682	(81122521)	406012.50	3759387.50	38.69077	(81032705)				

Appendix B

NOx Peak Hour Emissions Mitigated

406012.50	3759337.50	30.38609	(81022005)	406012.50	3759287.50	24.71159	(81122608)
406012.50	3759237.50	19.26884	(81033103)	406012.50	3759187.50	16.46288	(81112003)
406012.50	3759137.50	16.22202	(81103007)	406012.50	3759087.50	15.35104	(81111006)
406012.50	3759037.50	14.41971	(81101705)	406012.50	3758987.50	14.71195	(81030306)
406012.50	3758937.50	14.32485	(81113023)	406012.50	3758887.50	13.81287	(81030307)
406012.50	3758837.50	14.33598	(81021809)	406012.50	3758787.50	14.80449	(81110909)
406012.50	3758737.50	16.41003	(81110909)	406012.50	3758687.50	17.40461	(81110909)
406012.50	3758637.50	17.74305	(81110909)	406062.50	3759987.50	69.59518	(81122507)
406062.50	3759837.50	66.79494	(81122724)	406062.50	3759787.50	67.63565	(81122423)
406062.50	3759737.50	68.57692	(81122603)	406062.50	3759687.50	69.04702	(81122307)
406062.50	3759637.50	66.40877	(81031805)	406062.50	3759587.50	62.14748	(81032505)
406062.50	3759537.50	38.91940	(81030304)	406062.50	3759487.50	34.32339	(81122207)
406062.50	3759437.50	30.74424	(81122424)	406062.50	3759387.50	26.39669	(81032705)
406062.50	3759337.50	23.29229	(81120824)	406062.50	3759287.50	21.32443	(81122608)
406062.50	3759237.50	17.42771	(81040402)	406062.50	3759187.50	17.06836	(81101602)
406062.50	3759137.50	16.37121	(81112004)	406062.50	3759087.50	15.59167	(81112302)
406062.50	3759037.50	15.07190	(81030306)	406062.50	3758987.50	14.94548	(81120124)
406062.50	3758937.50	14.05671	(81030307)	406062.50	3758887.50	13.82283	(81021809)
406062.50	3758837.50	14.35302	(81021809)	406062.50	3758787.50	16.06682	(81110909)
406062.50	3758737.50	17.28330	(81110909)	406062.50	3758687.50	17.81973	(81110909)
406062.50	3758637.50	18.95014	(81111408)	406112.50	3759987.50	66.18777	(81122201)
406112.50	3759837.50	43.36229	(81112521)	406112.50	3759787.50	41.91470	(81121406)
406112.50	3759737.50	38.84101	(81110304)	406112.50	3759687.50	37.75268	(81120303)
406112.50	3759637.50	35.16023	(81033101)	406112.50	3759587.50	35.00134	(81022624)
406112.50	3759537.50	33.48661	(81030304)	406112.50	3759487.50	28.60550	(81122207)
406112.50	3759437.50	22.69433	(81122424)	406112.50	3759387.50	20.71701	(81031402)
406112.50	3759337.50	21.79712	(81030803)	406112.50	3759287.50	21.28052	(81121503)
406112.50	3759237.50	18.52973	(81032704)	406112.50	3759187.50	17.64259	(81103007)

*** ICST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** *** 11:59:36
 **MODELOPTs: PAGE 79
 CONC URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406112.50	3759137.50	16.58530	(81031703)	406112.50	3759087.50	15.88223	(81101406)
406112.50	3759037.50	15.41813	(81112024)	406112.50	3758987.50	15.26946	(81120304)
406112.50	3758937.50	14.43774	(81042005)	406112.50	3758887.50	14.05057	(81013022)
406112.50	3758837.50	15.52709	(81110909)	406112.50	3758787.50	16.99651	(81110909)
406112.50	3758737.50	17.76102	(81110909)	406112.50	3758687.50	19.07878	(81111408)
406112.50	3758637.50	19.96253	(81111408)	406162.50	3759987.50	58.95850	(81122506)
406162.50	3759837.50	57.91772	(81110401)	406162.50	3759787.50	59.81140	(81121406)
406162.50	3759437.50	27.89844	(81013002)	406162.50	3759387.50	29.31036	(81122401)
406162.50	3759337.50	28.85132	(81122608)	406162.50	3759287.50	23.92785	(81040402)
406162.50	3759237.50	19.59628	(81112003)	406162.50	3759187.50	18.29133	(81121006)
406162.50	3759137.50	17.45980	(81110904)	406162.50	3759087.50	16.72551	(81050604)
406162.50	3759037.50	16.13260	(81031002)	406162.50	3758987.50	15.70113	(81103007)
406162.50	3758937.50	14.86246	(81031703)	406162.50	3758887.50	14.78926	(81110909)
406162.50	3758837.50	16.50936	(81110909)	406162.50	3758787.50	17.52954	(81110909)
406162.50	3758737.50	19.11588	(81111408)	406162.50	3758687.50	20.13488	(81111408)
406162.50	3758637.50	20.42278	(81111408)	406212.50	3759437.50	51.62987	(81042201)
406212.50	3759387.50	38.18405	(81022005)	406212.50	3759337.50	30.97842	(81122608)
406212.50	3759287.50	25.23481	(81101304)	406212.50	3759237.50	20.93307	(81030121)
406212.50	3759187.50	19.64996	(81101504)	406212.50	3759137.50	18.80910	(81030803)
406212.50	3759087.50	17.96575	(81121503)	406212.50	3759037.50	17.15214	(81112003)
406212.50	3758987.50	16.38880	(81101302)	406212.50	3758937.50	15.66445	(81120921)
406212.50	3758887.50	15.80891	(81110909)	406212.50	3758837.50	17.09416	(81110909)
406212.50	3758787.50	18.95869	(81111408)	406212.50	3758737.50	20.20637	(81111408)
406212.50	3758687.50	20.60264	(81111408)	406212.50	3758637.50	20.24854	(81111408)
406262.50	3759437.50	50.25780	(81100824)	406262.50	3759387.50	40.46156	(81030803)
406262.50	3759337.50	28.89576	(81121503)	406262.50	3759287.50	25.16422	(81030801)
406262.50	3759237.50	23.22939	(81122424)	406262.50	3759187.50	21.37555	(81031402)
406262.50	3759137.50	20.00528	(81031605)	406262.50	3759087.50	19.04423	(81033103)
406262.50	3759037.50	18.07342	(81101602)	406262.50	3758987.50	16.84366	(81112004)
406262.50	3758937.50	16.02254	(81101406)	406262.50	3758887.50	16.41834	(81111408)
406262.50	3758837.50	18.64126	(81111408)	406262.50	3758787.50	20.06237	(81111408)
406262.50	3758737.50	20.67177	(81111408)	406262.50	3758687.50	20.41882	(81111408)
406262.50	3758637.50	19.46669	(81111408)	406312.50	3759437.50	50.99087	(81110323)
406312.50	3759387.50	48.35120	(81013002)	406312.50	3759337.50	32.62013	(81040402)

Appendix B

NOx Peak Hour Emissions Mitigated

406312.50	3759287.50	27.74612	(81121901)	406312.50	3759237.50	25.43876	(81122424)
406312.50	3759187.50	22.98172	(81121005)	406312.50	3759137.50	21.40897	(81122608)
406312.50	3759087.50	19.85701	(81101424)	406312.50	3759037.50	18.77004	(81103007)
406312.50	3758987.50	17.35449	(81031703)	406312.50	3758937.50	16.06544	(81030306)
406312.50	3758887.50	18.10633	(81111408)	406312.50	3758837.50	19.76066	(81111408)
406312.50	3758787.50	20.54026	(81111408)	406312.50	3758737.50	20.46087	(81111408)

• *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36

**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 80
 CONC

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406312.50	3758687.50	19.59848	(81111408)	406312.50	3758637.50	20.36364	(81061607)
406362.50	3759437.50	40.71896	(81022606)	406362.50	3759387.50	36.36109	(81122608)
406362.50	3759337.50	32.64349	(81122905)	406362.50	3759287.50	29.44840	(81122207)
406362.50	3759237.50	27.21305	(81013002)	406362.50	3759187.50	24.85361	(81022005)
406362.50	3759137.50	23.02150	(81031801)	406362.50	3759087.50	21.23118	(81032704)
406362.50	3759037.50	19.53149	(81101302)	406362.50	3758987.50	17.92463	(81110206)
406362.50	3758937.50	17.27003	(81111408)	406362.50	3758887.50	19.21100	(81111408)
406362.50	3758837.50	20.24260	(81111408)	406362.50	3758787.50	20.32994	(81111408)
406362.50	3758737.50	19.61364	(81111408)	406362.50	3758687.50	20.58307	(81061607)
406362.50	3758637.50	21.28602	(81061607)	406412.50	3759337.50	33.16257	(81122905)
406412.50	3759287.50	31.32286	(81122207)	406412.50	3759237.50	29.85139	(81022003)
406412.50	3759187.50	27.07579	(81120824)	406412.50	3759137.50	24.36677	(81121503)
406412.50	3759087.50	22.26639	(81101602)	406412.50	3759037.50	20.32301	(81111006)
406412.50	3758987.50	19.00479	(81050504)	406412.50	3758937.50	18.25544	(81111408)
406412.50	3758887.50	19.62642	(81111408)	406412.50	3758837.50	20.00200	(81111408)
406412.50	3758787.50	19.50466	(81111408)	406412.50	3758737.50	20.63067	(81061607)
406412.50	3758687.50	21.33871	(81061607)	406412.50	3758637.50	21.34723	(81061607)
406462.50	3759287.50	34.68789	(81110323)	406462.50	3759237.50	32.24272	(81112607)
406462.50	3759187.50	28.96797	(81030803)	406462.50	3759137.50	25.74149	(81040402)
406462.50	3759087.50	22.73628	(81103007)	406462.50	3759037.50	21.10794	(81112302)
406462.50	3758987.50	19.65877	(81112024)	406462.50	3758937.50	18.49155	(81111408)
406462.50	3758887.50	19.30252	(81111408)	406462.50	3758837.50	19.21407	(81111408)
406462.50	3758787.50	20.45868	(81061607)	406462.50	3758737.50	21.22503	(81061607)
406462.50	3758687.50	21.23258	(81061607)	406462.50	3758637.50	20.57878	(81061607)
406512.50	3759287.50	38.82190	(81112107)	406512.50	3759237.50	34.94618	(81032106)
406512.50	3759187.50	30.39385	(81030901)	406512.50	3759137.50	27.43299	(81031002)
406512.50	3759087.50	25.17039	(81112004)	406512.50	3759037.50	22.79487	(81050504)
406512.50	3758987.50	20.89620	(81120304)	406512.50	3758937.50	19.22529	(81111806)
406512.50	3758887.50	18.60303	(81111408)	406512.50	3758837.50	19.85367	(81061607)
406512.50	3758787.50	20.80676	(81061607)	406512.50	3758737.50	20.94901	(81061607)
406512.50	3758687.50	20.33864	(81061607)	406512.50	3758637.50	19.04643	(81061607)
406562.50	3759237.50	39.26956	(81031402)	406562.50	3759187.50	35.12873	(81031801)
406562.50	3759137.50	30.53059	(81101602)	406562.50	3759087.50	27.47981	(81031703)
406562.50	3759037.50	25.01698	(81112024)	406562.50	3758987.50	22.26981	(81022406)
406562.50	3758937.50	19.45422	(81011807)	406562.50	3758887.50	19.20656	(81121104)
406562.50	3758837.50	20.06653	(81061607)	406562.50	3758787.50	20.48791	(81061607)
406562.50	3758737.50	20.02934	(81061607)	406562.50	3758687.50	18.77322	(81061607)
406562.50	3758637.50	17.83339	(81020703)	406562.50	3758587.50	17.56736	(81103005)
406612.50	3759187.50	40.68007	(81033103)	406612.50	3759137.50	34.92459	(81040605)
406612.50	3759087.50	30.47731	(81110705)	406612.50	3759037.50	25.96931	(81031704)

• *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36

**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 81
 CONC

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406612.50	3758987.50	23.76139	(81031506)	406612.50	3758937.50	23.51325	(81121906)
406612.50	3758887.50	23.02783	(81033104)	406612.50	3758837.50	21.75411	(81101603)

Appendix B

NOx Peak Hour Emissions Mitigated

407012.50	3758537.50	33.51538	(81012705)	407062.50	3758537.50	35.73859	(81010705)
407112.50	3758537.50	41.13482	(81012524)	407162.50	3758537.50	45.65144	(81012601)
407212.50	3758537.50	60.10259	(81020706)	407262.50	3758537.50	61.97951	(81012604)
407312.50	3758537.50	68.01201	(81011420)	407362.50	3758537.50	67.76045	(81100604)
407412.50	3758537.50	72.10542	(81122403)	407462.50	3758537.50	77.86795	(81020307)
407512.50	3758537.50	65.30205	(81011324)	407562.50	3758537.50	25.11536	(81020708)
407612.50	3758537.50	23.95533	(81020708)	407662.50	3758537.50	21.15056	(81020708)
407712.50	3758537.50	17.76701	(81100608)	407762.50	3758537.50	20.28586	(81032207)
407812.50	3758537.50	22.72803	(81032207)	407862.50	3758537.50	24.04159	(81032207)
407912.50	3758537.50	24.18264	(81032207)	407962.50	3758537.50	23.27140	(81032207)
408012.50	3758537.50	21.53552	(81032207)	408062.50	3758537.50	19.24874	(81032207)
408112.50	3758537.50	16.68735	(81010509)	405962.50	3758587.50	17.56640	(81110909)
406012.50	3758587.50	18.73858	(81111408)	406062.50	3758587.50	19.70097	(81111408)
406112.50	3758587.50	20.14729	(81111408)	406162.50	3758587.50	19.99722	(81111408)
406212.50	3758587.50	19.25139	(81111408)	406262.50	3758587.50	19.98560	(81061607)
406312.50	3758587.50	21.03851	(81061607)	406362.50	3758587.50	21.30167	(81061607)

*** ISCSST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 83
 CONC

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406412.50	3758587.50	20.70017	(81061607)	406462.50	3758587.50	19.30464	(81061607)
406512.50	3758587.50	17.25085	(81061607)	405987.50	3760012.50	64.17304	(81061421)
405987.50	3759962.50	66.24255	(81122507)	405987.50	3759912.50	67.57935	(81122507)
405987.50	3759862.50	65.43497	(81122507)	405987.50	3759812.50	63.46006	(81041905)
405987.50	3759762.50	64.17328	(81040904)	405987.50	3759712.50	65.01887	(81030303)
405987.50	3759662.50	65.59722	(81033101)	405987.50	3759612.50	64.47477	(81040323)
405987.50	3759562.50	63.18238	(81122905)	405987.50	3759512.50	64.77128	(81031804)
405987.50	3759462.50	64.14828	(81112107)	405987.50	3759412.50	54.67467	(81110322)
405987.50	3759362.50	36.03924	(81031402)	405987.50	3759312.50	28.66954	(81030803)
405987.50	3759262.50	22.71394	(81122608)	405987.50	3759212.50	16.62763	(81040402)
405987.50	3759162.50	16.30641	(81112003)	405987.50	3759112.50	15.74652	(81101302)
405987.50	3759062.50	14.87833	(81031703)	405987.50	3759012.50	14.36354	(81101406)
405987.50	3758962.50	14.45744	(81040103)	405987.50	3758912.50	14.01493	(81113023)
405987.50	3758862.50	13.79690	(81021809)	405987.50	3758812.50	14.51537	(81021809)
405987.50	3758762.50	15.03168	(81110909)	405987.50	3758712.50	16.52444	(81110909)
405987.50	3758662.50	17.41426	(81110909)	406037.50	3760012.50	68.84174	(81122507)
406037.50	3759812.50	65.98647	(81121406)	406037.50	3759762.50	66.53126	(81112921)
406037.50	3759712.50	67.20296	(81120303)	406037.50	3759662.50	67.79337	(81120405)
406037.50	3759612.50	67.35388	(81031504)	406037.50	3759562.50	63.76100	(81041204)
406037.50	3759512.50	55.71450	(81020721)	406037.50	3759462.50	35.17906	(81112107)
406037.50	3759412.50	33.76241	(81013002)	406037.50	3759362.50	28.45755	(81022606)
406037.50	3759312.50	26.73800	(81103006)	406037.50	3759262.50	19.50068	(81121503)
406037.50	3759212.50	17.53458	(81031002)	406037.50	3759162.50	16.52864	(81103007)
406037.50	3759112.50	15.88339	(81112004)	406037.50	3759062.50	15.10435	(81101705)
406037.50	3759012.50	15.03427	(81030306)	406037.50	3758962.50	14.72738	(81113023)
406037.50	3758912.50	14.15899	(81030307)	406037.50	3758862.50	14.10639	(81021809)
406037.50	3758812.50	14.53403	(81110909)	406037.50	3758762.50	16.25393	(81110909)
406037.50	3758712.50	17.36357	(81110909)	406037.50	3758662.50	17.79301	(81110909)
406087.50	3760012.50	67.01871	(81122507)	406087.50	3759812.50	55.68278	(81121602)
406087.50	3759762.50	44.34126	(81122423)	406087.50	3759712.50	45.47665	(81122324)
406087.50	3759662.50	40.54665	(81030305)	406087.50	3759612.50	42.38362	(81122504)
406087.50	3759562.50	36.13844	(81122905)	406087.50	3759512.50	34.02877	(81112104)
406087.50	3759462.50	30.94491	(81040405)	406087.50	3759412.50	23.29528	(81120404)
406087.50	3759362.50	21.97696	(81122820)	406087.50	3759312.50	21.64633	(81122608)
406087.50	3759262.50	18.22577	(81033103)	406087.50	3759212.50	17.38359	(81112003)
406087.50	3759162.50	16.85341	(81101302)	406087.50	3759112.50	16.05794	(81031703)
406087.50	3759062.50	15.46146	(81030306)	406087.50	3759012.50	15.24472	(81120124)
406087.50	3758962.50	14.61365	(81120304)	406087.50	3758912.50	14.12102	(81042005)
406087.50	3758862.50	14.16949	(81021809)	406087.50	3758812.50	15.82318	(81110909)
406087.50	3758762.50	17.16393	(81110909)	406087.50	3758712.50	17.80497	(81110909)

*** ISCSST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 84
 CONC

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***

Appendix B

INCLUDING SOURCE(S): 1, 2, 3, 4 NOx Peak Hour Emissions Mitigated

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains multiple rows of data for various receptor points.

• *** ISCS73 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

*** ANALYSIS PEAK HR NOx emissions mitigated

*** 07/29/11

*** 11:59:36

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**MODELOPTs:

CONC

URBAN ELEV FLGPOL

NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 INCLUDING SOURCE(S): 1, 2, 3, 4, ***

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains multiple rows of data for various receptor points.

Appendix B

NOx Peak Hour Emissions Mitigated

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Includes header information and source group details.

**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1, 2, 3, 4

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Main data table for the first section with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains 40 rows of receptor point data.

*** ISCSST3 - VERSION 02035 ***
*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK HR NOx emissions mitigated
07/29/11
11:59:36
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**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1, 2, 3, 4

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Main data table for the second section with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains 5 rows of receptor point data.

Appendix B

NOx Peak Hour Emissions Mitigated

406037.50	3759087.50	15.50567	(81031703)	406037.50	3759037.50	14.76720	(81101406)
406037.50	3758987.50	14.81824	(81112024)	406037.50	3758937.50	14.35840	(81120304)
406037.50	3758887.50	13.85162	(81112005)	406037.50	3758837.50	14.37641	(81021809)
406037.50	3758787.50	15.46545	(81110909)	406037.50	3758737.50	16.89028	(81110909)
406037.50	3758687.50	17.66958	(81110909)	406087.50	3759987.50	65.95206	(81122507)
406087.50	3759837.50	60.53558	(81122724)	406087.50	3759787.50	55.59069	(81122423)
406087.50	3759737.50	45.26924	(81112921)	406087.50	3759687.50	42.98574	(81030303)
406087.50	3759637.50	42.58011	(81033101)	406087.50	3759587.50	39.18692	(81022624)
406087.50	3759537.50	34.12724	(81030304)	406087.50	3759487.50	33.26326	(81122207)
406087.50	3759437.50	25.34364	(81122424)	406087.50	3759387.50	22.04880	(81101504)
406087.50	3759337.50	21.13327	(81030803)	406087.50	3759287.50	22.15261	(81121503)
406087.50	3759237.50	17.56780	(81101304)	406087.50	3759187.50	17.28797	(81103007)
406087.50	3759137.50	16.51117	(81112004)	406087.50	3759087.50	15.75010	(81101705)
406087.50	3759037.50	15.17954	(81030306)	406087.50	3758987.50	15.00642	(81113023)
406087.50	3758937.50	14.20548	(81112005)	406087.50	3758887.50	14.09344	(81111806)
406087.50	3758837.50	14.91362	(81110909)	406087.50	3758787.50	16.57778	(81110909)
406087.50	3758737.50	17.57352	(81110909)	406087.50	3758687.50	18.37487	(81111408)
406137.50	3759987.50	67.63619	(81122605)	406137.50	3759837.50	43.31767	(81121820)
406137.50	3759787.50	41.72479	(81121602)	406137.50	3759737.50	40.70776	(81122722)
406137.50	3759687.50	40.40980	(81120303)	406137.50	3759637.50	35.63375	(81033101)
406137.50	3759587.50	33.56300	(81022624)	406137.50	3759537.50	30.67596	(81030304)
406137.50	3759487.50	22.52889	(81122207)	406137.50	3759437.50	22.79462	(81122424)
406137.50	3759387.50	25.23058	(81022606)	406137.50	3759337.50	24.54362	(81103006)
406137.50	3759287.50	23.15184	(81033103)	406137.50	3759237.50	19.23695	(81112003)
406137.50	3759187.50	18.07299	(81101302)	406137.50	3759137.50	16.88166	(81110904)
406137.50	3759087.50	16.17672	(81071902)	406137.50	3759037.50	15.55583	(81031002)
406137.50	3758987.50	15.44453	(81030307)	406137.50	3758937.50	14.77964	(81101501)
406137.50	3758887.50	14.15742	(81110909)	406137.50	3758837.50	16.06750	(81110909)
406137.50	3758787.50	17.32486	(81110909)	406137.50	3758737.50	18.36333	(81111408)
406137.50	3758687.50	19.68262	(81111408)	406187.50	3759437.50	40.18341	(81013002)
406187.50	3759387.50	33.86114	(81022005)	406187.50	3759337.50	31.60201	(81122608)
406187.50	3759287.50	24.87013	(81040402)	406187.50	3759237.50	20.02425	(81040301)
406187.50	3759187.50	18.89163	(81101504)	406187.50	3759137.50	18.10114	(81101402)
406187.50	3759087.50	17.33531	(81121503)	406187.50	3759037.50	16.57749	(81032704)
406187.50	3758987.50	16.11643	(81040605)	406187.50	3758937.50	15.20571	(81112302)
406187.50	3758887.50	15.34290	(81110909)	406187.50	3758837.50	16.86035	(81110909)

*** ICST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36

**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 89
 CONC

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1, 2, 3, 4

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406187.50	3758787.50	18.20967	(81111408)	406187.50	3758737.50	19.72157	(81111408)
406187.50	3758687.50	20.45719	(81111408)	406237.50	3759437.50	51.93385	(81120403)
406237.50	3759387.50	37.67475	(81120824)	406237.50	3759337.50	30.44122	(81121503)
406237.50	3759287.50	25.64344	(81032704)	406237.50	3759237.50	22.10475	(81120922)
406237.50	3759187.50	20.47383	(81031007)	406237.50	3759137.50	19.19213	(81103006)
406237.50	3759087.50	18.58385	(81120301)	406237.50	3759037.50	17.42916	(81112003)
406237.50	3758987.50	16.61432	(81112004)	406237.50	3758937.50	15.83413	(81101705)
406237.50	3758887.50	16.17045	(81110909)	406237.50	3758837.50	17.84755	(81111408)
406237.50	3758787.50	19.60087	(81111408)	406237.50	3758737.50	20.51094	(81111408)
406237.50	3758687.50	20.60263	(81111408)	406287.50	3759437.50	50.45237	(81110323)
406287.50	3759387.50	48.13496	(81120422)	406287.50	3759337.50	30.21608	(81033103)
406287.50	3759287.50	26.38972	(81120421)	406287.50	3759237.50	24.23404	(81122424)
406287.50	3759187.50	21.94952	(81122401)	406287.50	3759137.50	20.78526	(81030901)
406287.50	3759087.50	19.44654	(81040402)	406287.50	3759037.50	18.41142	(81020319)
406287.50	3758987.50	17.08775	(81051705)	406287.50	3758937.50	16.21306	(81050504)
406287.50	3758887.50	17.32511	(81111408)	406287.50	3758837.50	19.31090	(81111408)
406287.50	3758787.50	20.38776	(81111408)	406287.50	3758737.50	20.64431	(81111408)
406287.50	3758687.50	20.08001	(81111408)	406337.50	3759437.50	48.18747	(81121504)
406337.50	3759387.50	44.41872	(81030823)	406337.50	3759337.50	32.76360	(81042102)
406337.50	3759287.50	28.79793	(81122207)	406337.50	3759237.50	26.28502	(81110322)
406337.50	3759187.50	24.12179	(81122820)	406337.50	3759137.50	22.31227	(81121004)
406337.50	3759087.50	20.29949	(81101304)	406337.50	3759037.50	19.14444	(81040605)
406337.50	3758987.50	17.63181	(81112302)	406337.50	3758937.50	16.55977	(81111408)
406337.50	3758887.50	18.73808	(81111408)	406337.50	3758837.50	20.10078	(81111408)
406337.50	3758787.50	20.51881	(81111408)	406337.50	3758737.50	20.10701	(81111408)
406337.50	3758687.50	19.90322	(81061607)	406387.50	3759337.50	32.30288	(81122905)

Appendix B

NOx Peak Hour Emissions Mitigated

406387.50	3759287.50	30.61966	(81122207)	406387.50	3759237.50	28.21151	(81013002)	
406387.50	3759187.50	26.09019	(81120223)	406387.50	3759137.50	23.64061	(81050604)	
406387.50	3759087.50	21.75028	(81112003)	406387.50	3759037.50	19.92995	(81112004)	
406387.50	3758987.50	18.58812	(81101406)	406387.50	3758937.50	17.86078	(81111408)	
406387.50	3758887.50	19.52568	(81111408)	406387.50	3758837.50	20.20224	(81111408)	
406387.50	3758787.50	19.98733	(81111408)	406387.50	3758737.50	20.02442	(81061607)	
406387.50	3758687.50	21.06832	(81061607)	406437.50	3759337.50	34.65333	(81122905)	
406437.50	3759287.50	32.60865	(81121504)	406437.50	3759237.50	31.02453	(81120404)	
406437.50	3759187.50	27.99475	(81110904)	406437.50	3759137.50	25.02671	(81120301)	
406437.50	3759087.50	22.79111	(81020319)	406437.50	3759037.50	20.72038	(81121222)	
406437.50	3758987.50	19.33859	(81030906)	406437.50	3758937.50	18.44334	(81111408)	
406437.50	3758887.50	19.52662	(81111408)	406437.50	3758837.50	19.66490	(81111408)	
406437.50	3758787.50	19.96512	(81061607)	406437.50	3758737.50	21.05766	(81061607)	
406437.50	3758687.50	21.39149	(81061607)	406487.50	3759287.50	36.24208	(81100824)	
* *** IS CST3 - VERSION 02035 ***				*** WHITTIER MATRIX OIL PROJECT ***				07/29/11
MODELOPTs:				* ANALYSIS PEAK HR NOx emissions mitigated				11:59:36
CONC	URBAN ELEV	FLGPOL	NOCALM					PAGE 90

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER				IN MICROGRAMS/M**3				
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
406487.50	3759237.50	33.54918	(81032705)	406487.50	3759187.50	29.20939	(81103006)	
406487.50	3759137.50	26.48036	(81042102)	406487.50	3759087.50	23.88147	(81031723)	
406487.50	3759037.50	22.01997	(81101705)	406487.50	3758987.50	20.54319	(81101324)	
406487.50	3758937.50	18.99425	(81110302)	406487.50	3758887.50	18.97706	(81111408)	
406487.50	3758837.50	19.53668	(81061607)	406487.50	3758787.50	20.73043	(81061607)	
406487.50	3758737.50	21.17405	(81061607)	406487.50	3758687.50	20.87652	(81061607)	
406537.50	3759237.50	36.40729	(81101504)	406537.50	3759187.50	32.06414	(81121004)	
406537.50	3759137.50	28.80559	(81112003)	406537.50	3759087.50	26.38669	(81111006)	
406537.50	3759037.50	23.76756	(81030906)	406537.50	3758987.50	21.24704	(81030307)	
406537.50	3758937.50	19.05318	(81031506)	406537.50	3758887.50	18.70013	(81061607)	
406537.50	3758837.50	20.02406	(81061607)	406537.50	3758787.50	20.68849	(81061607)	
406537.50	3758737.50	20.55750	(81061607)	406537.50	3758687.50	19.62813	(81061607)	
406587.50	3759237.50	42.78683	(81112601)	406587.50	3759187.50	37.63710	(81121503)	
406587.50	3759137.50	32.47926	(81050704)	406587.50	3759087.50	28.80060	(81110206)	
406587.50	3759037.50	25.49782	(81113023)	406587.50	3758987.50	22.58390	(81032103)	
406587.50	3758937.50	21.35945	(81103102)	406587.50	3758887.50	21.04710	(81022702)	
406587.50	3758837.50	20.69821	(81120206)	406587.50	3758787.50	20.16301	(81061607)	
406587.50	3758737.50	19.37310	(81061607)	406587.50	3758687.50	18.58680	(81020702)	
406587.50	3758637.50	18.02167	(81030805)	406637.50	3759187.50	43.34356	(81101424)	
406637.50	3759137.50	36.93091	(81112004)	406637.50	3759087.50	32.39681	(81030906)	
406637.50	3759037.50	26.40591	(81042005)	406637.50	3758987.50	25.00105	(81011807)	
406637.50	3758937.50	25.07879	(81021905)	406637.50	3758887.50	24.49746	(81120206)	
406637.50	3758837.50	22.74479	(81021004)	406637.50	3758787.50	21.18278	(81122203)	
406637.50	3758737.50	19.94197	(81020702)	406637.50	3758687.50	19.57206	(81030805)	
406687.50	3759137.50	39.12571	(81120921)	406687.50	3759087.50	33.91670	(81110703)	
406687.50	3759037.50	31.85597	(81031506)	406687.50	3758987.50	30.89888	(81103004)	
406687.50	3758937.50	29.67764	(81111007)	406687.50	3758887.50	26.29488	(81021004)	
406687.50	3758837.50	24.17930	(81122203)	406687.50	3758737.50	20.46127	(81030805)	
406737.50	3759137.50	46.52635	(81030906)	406737.50	3759037.50	42.97228	(81031005)	
406737.50	3758987.50	37.25502	(81022707)	406737.50	3758937.50	31.33891	(81021004)	
406737.50	3758637.50	21.96321	(81030806)	406787.50	3759037.50	54.90309	(81033104)	
406787.50	3758987.50	40.50810	(81021004)	406787.50	3758937.50	32.20350	(81112923)	
406787.50	3758687.50	24.25073	(81121506)	406787.50	3758637.50	22.07104	(81121502)	
406837.50	3758737.50	28.07750	(81103023)	406837.50	3758687.50	26.91502	(81011006)	
406837.50	3758637.50	24.43329	(81032804)	406887.50	3758787.50	32.20803	(81122204)	
406887.50	3758737.50	29.48348	(81101605)	406887.50	3758687.50	27.36714	(81031403)	
406887.50	3758637.50	24.76039	(81122405)	406937.50	3758737.50	30.03233	(81111805)	
406937.50	3758687.50	27.83795	(81122205)	406937.50	3758637.50	24.92829	(81012122)	
406987.50	3758737.50	31.83658	(81030802)	406987.50	3758687.50	29.22174	(81012923)	
406987.50	3758637.50	26.55637	(81021408)	407037.50	3758687.50	28.83504	(81021408)	
* *** IS CST3 - VERSION 02035 ***				*** WHITTIER MATRIX OIL PROJECT ***				07/29/11
MODELOPTs:				* ANALYSIS PEAK HR NOx emissions mitigated				11:59:36
CONC	URBAN ELEV	FLGPOL	NOCALM					PAGE 91

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

Appendix B

NOx Peak Hour Emissions Mitigated
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER IN MICROGRAMS/M**3					
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407037.50	3758637.50	28.04142	(81021408)	407087.50	3758637.50	35.03789	(81120105)
407137.50	3758637.50	39.84699	(81011707)	407187.50	3758637.50	46.29948	(81010105)
407237.50	3758637.50	54.18888	(81012824)	407287.50	3758637.50	63.10400	(81011420)
407337.50	3758637.50	70.43566	(81110806)	407387.50	3758637.50	76.52435	(81020624)
407437.50	3758637.50	80.08319	(81020623)	407487.50	3758637.50	71.67630	(81021623)
407537.50	3758637.50	26.99419	(81020708)	407587.50	3758637.50	24.45115	(81020708)
407637.50	3758637.50	20.35729	(81020708)	407687.50	3758637.50	21.90660	(81032207)
407737.50	3758637.50	24.80319	(81032207)	407787.50	3758637.50	26.25201	(81032207)
407837.50	3758637.50	26.21652	(81032207)	407887.50	3758637.50	24.89441	(81032207)
407937.50	3758637.50	22.62192	(81032207)	407987.50	3758637.50	19.77798	(81032207)
408037.50	3758637.50	17.24122	(81010509)	408087.50	3758637.50	16.60124	(81010509)
405987.50	3758637.50	17.61624	(81110909)	405987.50	3758587.50	18.09397	(81111408)
406037.50	3758637.50	18.27831	(81111408)	406037.50	3758587.50	19.27519	(81111408)
406087.50	3758637.50	19.52641	(81111408)	406087.50	3758587.50	19.98833	(81111408)
406137.50	3758637.50	20.27518	(81111408)	406137.50	3758587.50	20.14764	(81111408)
406187.50	3758637.50	20.41446	(81111408)	406187.50	3758587.50	19.69911	(81111408)
406237.50	3758637.50	19.93895	(81111408)	406237.50	3758587.50	19.60759	(81082408)
406287.50	3758637.50	19.75306	(81082408)	406287.50	3758587.50	20.59681	(81061607)
406337.50	3758637.50	20.92977	(81061607)	406337.50	3758587.50	21.27274	(81061607)
406387.50	3758637.50	21.42764	(81061607)	406387.50	3758587.50	21.10781	(81061607)
406437.50	3758637.50	21.06258	(81061607)	406437.50	3758587.50	20.09412	(81061607)
406487.50	3758637.50	19.89377	(81061607)	406487.50	3758587.50	18.35196	(81061607)
406537.50	3758637.50	18.04461	(81061607)	406537.50	3758587.50	17.29916	(81112205)
406587.50	3758587.50	17.71302	(81120307)	406737.50	3758587.50	21.32635	(81080607)
406787.50	3758587.50	22.72902	(81111924)	406837.50	3758587.50	21.78102	(81031403)
406887.50	3758587.50	18.98584	(81112822)	406937.50	3758587.50	25.86082	(81121202)
406987.50	3758587.50	28.74374	(81020701)	407037.50	3758587.50	33.75650	(81010107)
407087.50	3758587.50	36.35562	(81120105)	407137.50	3758587.50	40.96966	(81011707)
407187.50	3758587.50	50.51673	(81010704)	407237.50	3758587.50	58.10628	(81121404)
407287.50	3758587.50	59.95682	(81022505)	407337.50	3758587.50	66.20634	(81120102)
407387.50	3758587.50	74.55634	(81122403)	407437.50	3758587.50	78.12459	(81020307)
407487.50	3758587.50	72.11128	(81011508)	407537.50	3758587.50	26.18700	(81020708)
407587.50	3758587.50	24.91211	(81020708)	407637.50	3758587.50	21.80819	(81020708)
407687.50	3758587.50	18.43288	(81100608)	407737.50	3758587.50	21.83507	(81032207)
407787.50	3758587.50	24.18370	(81032207)	407837.50	3758587.50	25.22586	(81032207)
407887.50	3758587.50	24.97522	(81032207)	407937.50	3758587.50	23.62417	(81032207)
407987.50	3758587.50	21.46714	(81032207)	408037.50	3758587.50	18.82677	(81032207)
408087.50	3758587.50	16.92903	(81010509)	408749.81	3760427.50	12.76017	(81062107)
408576.44	3760430.50	13.68077	(81061907)	408341.81	3760655.25	18.13305	(81061807)
408422.13	3760726.50	17.30691	(81061807)	408512.50	3760597.25	18.18250	(81061907)

* *** ISCS3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36
 MODELOPTs: ** * PAGE 92
 CONC URBAN ELEV FLGPOL NOCALM
 *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

		** CONC OF OTHER IN MICROGRAMS/M**3					
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
408737.16	3760284.25	15.92336	(81062107)	407589.22	3757492.75	14.73686	(81120710)
406297.84	3757662.00	14.85324	(81080607)	406584.22	3757389.75	13.17377	(81012122)
407118.84	3757983.50	27.56191	(81011002)	406874.28	3758349.75	27.13372	(81030802)
406620.19	3758321.00	20.34460	(81080607)	406622.53	3757771.75	17.06158	(81112822)
406913.03	3757488.00	17.27086	(81021408)	406700.63	3757538.25	15.35339	(81030802)
407066.22	3757290.75	15.51949	(81010903)	407127.28	3757406.50	17.26487	(81011002)
408971.50	3759219.25	14.70127	(81090808)	408922.47	3758958.75	11.27009	(81021308)
408826.50	3758876.00	14.93693	(81082008)	409072.44	3758868.25	11.06685	(81082008)
408994.97	3758728.50	15.42091	(81082008)	408227.34	3758224.50	19.06567	(81032207)
408139.69	3758492.50	16.95374	(81032207)	408581.97	3758154.25	13.76454	(81010509)
408461.59	3758025.75	16.18669	(81032207)	407729.41	3758130.75	19.02195	(81020708)
407645.41	3757976.25	13.04068	(81120710)	407482.91	3757723.50	33.24275	(81033022)
405320.38	3759820.00	23.66074	(81122603)	405904.09	3759261.50	22.42525	(81122608)
405691.53	3759433.25	30.75894	(81122207)	405617.38	3759631.25	51.50002	(81040323)
405524.66	3759523.75	28.31946	(81122905)	405402.38	3759491.75	26.70557	(81030804)
405646.00	3759323.00	22.02695	(81120404)	405616.31	3759173.50	15.82862	(81103006)

Appendix B

NOx Peak Hour Emissions Mitigated

405512.63	3759095.00	15.60708	(81091408)	405377.47	3759043.00	15.12727	(81091408)
405466.31	3758975.75	13.84924	(81091408)	405527.84	3758925.25	13.18988	(81103007)
406550.63	3758915.00	19.04010	(81021221)	406480.47	3759093.00	23.79404	(81103007)
406259.69	3759222.50	22.42115	(81013002)	406195.81	3759106.75	17.78784	(81111204)
406070.25	3759025.25	15.04906	(81030306)	405757.63	3758923.00	14.12995	(81031703)
405844.38	3758855.25	13.60130	(81112024)	406318.13	3758856.00	19.35567	(81111408)
406403.53	3759010.50	19.55965	(81120921)	406352.00	3759038.50	19.38294	(81040605)
406045.00	3760461.25	53.25062	(81041222)	407358.28	3758534.50	68.54761	(81092505)
407261.69	3758458.75	61.97951	(81121404)	406506.84	3758549.25	16.96593	(81103005)
406457.91	3758378.00	17.42702	(81042106)	406301.69	3758551.25	21.07123	(81061607)
406205.03	3758613.50	19.95094	(81111408)	406115.41	3758675.25	19.43754	(81111408)
406028.59	3758737.00	16.74565	(81110909)	405938.28	3758799.00	14.46994	(81021809)
405736.72	3758451.50	16.33883	(81110909)	405814.44	3758395.25	17.41440	(81111408)
406257.69	3758091.75	16.10306	(81121507)	406166.63	3758153.50	15.93047	(81061607)
405932.31	3758196.50	17.44359	(81082408)	406072.19	3758298.75	19.02170	(81061607)
405823.09	3758062.75	16.50859	(81082408)	405911.28	3757995.50	17.05836	(81061607)
405982.13	3757889.25	14.22917	(81061607)	405799.16	3757924.25	16.46025	(81061607)
405647.81	3758653.25	13.82054	(81021809)	405489.16	3758508.50	13.76590	(81021809)
405436.44	3758454.50	13.65000	(81021809)	405455.72	3758338.00	13.37244	(81110909)
405549.16	3758093.00	15.82949	(81111408)	405661.88	3758014.50	15.10136	(81111408)
405479.72	3758764.50	12.28018	(81101705)	405359.16	3758904.50	12.98594	(81101602)
405170.69	3759021.00	14.42527	(81091408)	405201.97	3758906.00	13.30748	(81091408)
405349.88	3758821.25	12.47350	(81101302)	405215.44	3758773.00	12.43967	(81101302)
405359.75	3758681.25	11.71631	(81101406)	405435.38	3758629.50	11.59673	(81112024)

• *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36
 **MODELOPTs: PAGE 93
 CONC URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
405236.44	3759463.75	19.91023	(81040104)	405212.38	3759382.75	18.24984	(81122207)
405186.19	3759300.00	17.33307	(81040301)	405257.38	3759088.75	14.64693	(81103006)
408456.66	3760361.75	14.77999	(81061907)	408269.97	3760516.25	19.49654	(81061807)
407367.84	3760879.75	41.09736	(81081007)	408322.63	3760275.50	15.83736	(81061907)
408794.38	3759931.00	10.74896	(81062108)	406130.81	3760014.50	66.58517	(81122904)

• *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36
 **MODELOPTs: PAGE 94
 CONC URBAN ELEV FLGPOL NOCALM

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
1	HIGH 1ST HIGH VALUE IS 124.40157	ON 81012606: AT (	407225.69, 3759048.50, 144.96,	1.50)	DC NA

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 BD = BOUNDARY

• *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK HR NOx emissions mitigated *** 11:59:36
 **MODELOPTs: PAGE 95
 CONC URBAN ELEV FLGPOL NOCALM

*** Message Summary : IS CST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)

Appendix B

NOx Peak Hour Emissions Mitigated

A Total of 4 Warning Message(s)
A Total of 75552 Informational Message(s)
A Total of 1405 Calm Hours Identified
A Total of 74147 Cases Identified with HE > ZI

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
ME W360 7444 SET_WI:2-Digit Year Specified: Valid for Range 1950-2049 SURFDATA
SO W320 30 PPARAM :Input Parameter May Be Out-of-Range for Parameter QS
SO W320 34 PPARAM :Input Parameter May Be Out-of-Range for Parameter QS
RE W282 7437 CHK_EL:RecElev < SrcBase; See non-DEFAULT HE>ZI option in MCB#9

*** ISCST3 Finishes Successfully ***

Appendix B

NOx Annual Emissions Unmitigated

** ISC input file generated by GCC from
** Date: 7/22/2011

CO STARTING

TITLEONE WHITTIER MATRIX OIL PROJECT
TITLETWO ANALYSIS ANNUAL NOx emissions
MODELOPT CONC URBAN NOCALM
AVERTIME ANNUAL
POLLUTID Other
TERRHGT5 ELEV
RUNORNOT RUN
ERRORFIL c:\ISC\zERROR.ERR
FLAGPOLE 0.0

CO FINISHED

** UTMZONE 11
** SRCPARAM g/sec - height m - temp K - velocity m/s - dia m

SO STARTING

ELEVUNIT FEET

** Flare
LOCATION 1 POINT 407065 3759568 495
SRCPARAM 1 0.094 12.2 1050 3.7 1.8

** DEA Reboiler
LOCATION 2 POINT 407085 3759498 495
SRCPARAM 2 0.013 6.1 565.0 2.8 0.25

** Heater
LOCATION 3 POINT 407085 3759498 495
SRCPARAM 3 0.011 6.1 565.0 2.8 0.5

** Drill Rig
LOCATION 4 POINT 407130 3759340 485
SRCPARAM 4 0.397 4.0 783.0 3.6 0.2

SRCGROUP 1 1-4

SO FINISHED

RE STARTING

ELEVUNIT FEET

** receptor 1 property boundary receptor: 1
DISCCART 409779.521165832 3759787.55611628 0.00 1.50
** receptor =B6+1 property boundary receptor: =C6+1
DISCCART 409779.356248946 3759762.55120596 0.00 1.50
** receptor =B7+1 property boundary receptor: =C7+1
DISCCART 409779.19133206 3759737.5562936 0.00 1.50
** receptor =B8+1 property boundary receptor: =C8+1
DISCCART 409779.026415174 3759712.55138327 0.00 1.50
** receptor =B9+1 property boundary receptor: =C9+1
DISCCART 409778.869744132 3759687.55647092 0.00 1.50
** receptor =B10+1 property boundary receptor: =C10+1
DISCCART 409778.704827246 3759662.56155856 0.00 1.50
** receptor =B11+1 property boundary receptor: =C11+1
DISCCART 409778.539910361 3759637.55664824 0.00 1.50
** receptor =B12+1 property boundary receptor: =C12+1
DISCCART 409778.374993475 3759612.56173588 0.00 1.50
** receptor =B13+1 property boundary receptor: =C13+1
DISCCART 409778.210076589 3759587.55682556 0.00 1.50
** receptor =B14+1 property boundary receptor: =C14+1
DISCCART 409778.053405547 3759562.5619132 0.00 1.50
** receptor =B15+1 property boundary receptor: =C15+1
DISCCART 409777.888488661 3759537.55700287 0.00 1.50
** receptor =B16+1 property boundary receptor: =C16+1
DISCCART 409777.723571775 3759512.56209052 0.00 1.50
** receptor =B17+1 property boundary receptor: =C17+1
DISCCART 409777.558654889 3759487.55718019 0.00 1.50

Appendix B

NOx Annual Emissions Unmitigated

** receptor =B18+1 property boundary receptor: =C18+1
DISCCART 409777.393738003 3759462.56226784 0.00 1.50
** receptor =B19+1 property boundary receptor: =C19+1
DISCCART 409777.237066962 3759437.55735751 0.00 1.50
** receptor =B20+1 property boundary receptor: =C20+1
DISCCART 409777.072150076 3759412.56244516 0.00 1.50
** receptor =B21+1 property boundary receptor: =C21+1
DISCCART 409776.90723319 3759387.55753483 0.00 1.50
** receptor =B22+1 property boundary receptor: =C22+1
DISCCART 409776.742316304 3759362.56262247 0.00 1.50
** receptor =B23+1 property boundary receptor: =C23+1
DISCCART 409776.577399418 3759337.56771012 0.00 1.50
** receptor =B24+1 property boundary receptor: =C24+1
DISCCART 409776.420728376 3759312.56279979 0.00 1.50
** receptor =B25+1 property boundary receptor: =C25+1
DISCCART 409776.25581149 3759287.56788744 0.00 1.50
** receptor =B26+1 property boundary receptor: =C26+1
DISCCART 409776.090894605 3759262.56297711 0.00 1.50
** receptor =B27+1 property boundary receptor: =C27+1
DISCCART 409775.925977719 3759237.56806476 0.00 1.50
** receptor =B28+1 property boundary receptor: =C28+1
DISCCART 409775.653864857 3759212.56315443 0.00 1.50
** receptor =B29+1 property boundary receptor: =C29+1
DISCCART 409775.389997839 3759187.56824207 0.00 1.50
** receptor =B30+1 property boundary receptor: =C30+1
DISCCART 409775.117884978 3759162.56333175 0.00 1.50
** receptor =B31+1 property boundary receptor: =C31+1
DISCCART 409774.845772116 3759137.56841939 0.00 1.50
** receptor =B32+1 property boundary receptor: =C32+1
DISCCART 409774.581905098 3759112.57350704 0.00 1.50
** receptor =B33+1 property boundary receptor: =C33+1
DISCCART 409774.309792237 3759087.56859671 0.00 1.50
** receptor =B34+1 property boundary receptor: =C34+1
DISCCART 409774.037679375 3759062.57368436 0.00 1.50
** receptor =B35+1 property boundary receptor: =C35+1
DISCCART 409773.773812357 3759037.578772 0.00 1.50
** receptor =B36+1 property boundary receptor: =C36+1
DISCCART 409765.239363511 3759020.17231503 0.00 1.50
** receptor =B37+1 property boundary receptor: =C37+1
DISCCART 409740.237963605 3759020.5522377 0.00 1.50
** receptor =B38+1 property boundary receptor: =C38+1
DISCCART 409715.244809544 3759020.89216851 0.00 1.50
** receptor =B39+1 property boundary receptor: =C39+1
DISCCART 409690.243409638 3759021.21210339 0.00 1.50
** receptor =B40+1 property boundary receptor: =C40+1
DISCCART 409665.242009733 3759021.53203826 0.00 1.50
** receptor =B41+1 property boundary receptor: =C41+1
DISCCART 409640.248855671 3759021.86197111 0.00 1.50
** receptor =B42+1 property boundary receptor: =C42+1
DISCCART 409615.247455766 3759022.18190599 0.00 1.50
** receptor =B43+1 property boundary receptor: =C43+1
DISCCART 409590.254301704 3759022.50184086 0.00 1.50
** receptor =B44+1 property boundary receptor: =C44+1
DISCCART 409565.252901799 3759022.83177371 0.00 1.50
** receptor =B45+1 property boundary receptor: =C45+1
DISCCART 409540.259747738 3759023.15170858 0.00 1.50
** receptor =B46+1 property boundary receptor: =C46+1
DISCCART 409515.266593676 3759024.15150508 0.00 1.50
** receptor =B47+1 property boundary receptor: =C47+1
DISCCART 409490.289931303 3759025.35126087 0.00 1.50
** receptor =B48+1 property boundary receptor: =C48+1
DISCCART 409465.321514775 3759026.38105126 0.00 1.50
** receptor =B49+1 property boundary receptor: =C49+1
DISCCART 409440.336606558 3759027.09090677 0.00 1.50
** receptor =B50+1 property boundary receptor: =C50+1
DISCCART 409415.351698341 3759027.66079077 0.00 1.50
** receptor =B51+1 property boundary receptor: =C51+1
DISCCART 409390.342052591 3759027.87074804 0.00 1.50
** receptor =B52+1 property boundary receptor: =C52+1
DISCCART 409365.34889853 3759028.39064221 0.00 1.50
** receptor =B53+1 property boundary receptor: =C53+1
DISCCART 409340.355744468 3759028.90053843 0.00 1.50
** receptor =B54+1 property boundary receptor: =C54+1
DISCCART 409315.362590407 3759029.4204326 0.00 1.50
** receptor =B55+1 property boundary receptor: =C55+1
DISCCART 409290.369436346 3759029.94032678 0.00 1.50

Appendix B

NOx Annual Emissions Unmitigated

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** receptor =B56+1 property boundary receptor: =C56+1
DISCCART 409265.376282284 3759030.45022299 0.00 1.50
** receptor =B57+1 property boundary receptor: =C57+1
DISCCART 409240.374882379 3759030.97011717 0.00 1.50
** receptor =B58+1 property boundary receptor: =C58+1
DISCCART 409215.381728317 3759031.48001338 0.00 1.50
** receptor =B59+1 property boundary receptor: =C59+1
DISCCART 409190.388574256 3759031.99990756 0.00 1.50
** receptor =B60+1 property boundary receptor: =C60+1
DISCCART 409165.395420195 3759032.51980174 0.00 1.50
** receptor =B61+1 property boundary receptor: =C61+1
DISCCART 409140.402266133 3759033.02969795 0.00 1.50
** receptor =B62+1 property boundary receptor: =C62+1
DISCCART 409115.400866228 3759033.54959213 0.00 1.50
** receptor =B63+1 property boundary receptor: =C63+1
DISCCART 409090.407712167 3759034.0694863 0.00 1.50
** receptor =B64+1 property boundary receptor: =C64+1
DISCCART 409065.414558105 3759034.57938251 0.00 1.50
** receptor =B65+1 property boundary receptor: =C65+1
DISCCART 409040.421404044 3759035.09927669 0.00 1.50
** receptor =B66+1 property boundary receptor: =C66+1
DISCCART 409015.428249983 3759035.61917087 0.00 1.50
** receptor =B67+1 property boundary receptor: =C67+1
DISCCART 408990.426850077 3759036.12906708 0.00 1.50
** receptor =B68+1 property boundary receptor: =C68+1
DISCCART 408965.433696016 3759036.64896126 0.00 1.50
** receptor =B69+1 property boundary receptor: =C69+1
DISCCART 408940.440541954 3759037.15885747 0.00 1.50
** receptor =B70+1 property boundary receptor: =C70+1
DISCCART 408915.447387893 3759037.67875165 0.00 1.50
** receptor =B71+1 property boundary receptor: =C71+1
DISCCART 408890.454233832 3759038.19864582 0.00 1.50
** receptor =B72+1 property boundary receptor: =C72+1
DISCCART 408865.46107977 3759038.70854204 0.00 1.50
** receptor =B73+1 property boundary receptor: =C73+1
DISCCART 408840.459679865 3759039.22843621 0.00 1.50
** receptor =B74+1 property boundary receptor: =C74+1
DISCCART 408815.466525803 3759039.74833039 0.00 1.50
** receptor =B75+1 property boundary receptor: =C75+1
DISCCART 408790.473371742 3759040.2582266 0.00 1.50
** receptor =B76+1 property boundary receptor: =C76+1
DISCCART 408765.480217681 3759040.77812078 0.00 1.50
** receptor =B77+1 property boundary receptor: =C77+1
DISCCART 408740.487063619 3759041.28801699 0.00 1.50
** receptor =B78+1 property boundary receptor: =C78+1
DISCCART 408715.485663714 3759041.80791117 0.00 1.50
** receptor =B79+1 property boundary receptor: =C79+1
DISCCART 408690.492509652 3759042.32780535 0.00 1.50
** receptor =B80+1 property boundary receptor: =C80+1
DISCCART 408665.499355591 3759042.83770156 0.00 1.50
** receptor =B81+1 property boundary receptor: =C81+1
DISCCART 408640.50620153 3759043.35759573 0.00 1.50
** receptor =B82+1 property boundary receptor: =C82+1
DISCCART 408615.513047468 3759043.87748991 0.00 1.50
** receptor =B83+1 property boundary receptor: =C83+1
DISCCART 408590.519893407 3759044.38738612 0.00 1.50
** receptor =B84+1 property boundary receptor: =C84+1
DISCCART 408581.894740273 3759028.87054453 0.00 1.50
** receptor =B85+1 property boundary receptor: =C85+1
DISCCART 408581.58139819 3759003.87563217 0.00 1.50
** receptor =B86+1 property boundary receptor: =C86+1
DISCCART 408581.268056107 3758978.88071982 0.00 1.50
** receptor =B87+1 property boundary receptor: =C87+1
DISCCART 408580.954714024 3758953.87580949 0.00 1.50
** receptor =B88+1 property boundary receptor: =C88+1
DISCCART 408580.64137194 3758928.88089714 0.00 1.50
** receptor =B89+1 property boundary receptor: =C89+1
DISCCART 408580.328029857 3758903.88598478 0.00 1.50
** receptor =B90+1 property boundary receptor: =C90+1
DISCCART 408580.014687774 3758878.88107445 0.00 1.50
** receptor =B91+1 property boundary receptor: =C91+1
DISCCART 408579.701345691 3758853.8861621 0.00 1.50
** receptor =B92+1 property boundary receptor: =C92+1
DISCCART 408579.388003607 3758828.89124974 0.00 1.50
** receptor =B93+1 property boundary receptor: =C93+1
DISCCART 408579.074661524 3758803.88633942 0.00 1.50

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Appendix B

NOx Annual Emissions Unmitigated

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** receptor =B94+1 property boundary receptor: =C94+1
DISCCART 408578.761319441 3758778.89142706 0.00 1.50
** receptor =B95+1 property boundary receptor: =C95+1
DISCCART 408578.447977358 3758753.8965147 0.00 1.50
** receptor =B96+1 property boundary receptor: =C96+1
DISCCART 408578.134635274 3758728.89160438 0.00 1.50
** receptor =B97+1 property boundary receptor: =C97+1
DISCCART 408567.835575749 3758707.58594108 0.00 1.50
** receptor =B98+1 property boundary receptor: =C98+1
DISCCART 408550.700711301 3758689.38964489 0.00 1.50
** receptor =B99+1 property boundary receptor: =C99+1
DISCCART 408533.565846854 3758671.18335073 0.00 1.50
** receptor =B100+1 property boundary receptor: =C100+1
DISCCART 408513.767574699 3758658.37595763 0.00 1.50
** receptor =B101+1 property boundary receptor: =C101+1
DISCCART 408488.774420638 3758658.81586809 0.00 1.50
** receptor =B102+1 property boundary receptor: =C102+1
DISCCART 408463.773020732 3758659.26577651 0.00 1.50
** receptor =B103+1 property boundary receptor: =C103+1
DISCCART 408438.779866671 3758659.70568697 0.00 1.50
** receptor =B104+1 property boundary receptor: =C104+1
DISCCART 408413.78671261 3758660.15559539 0.00 1.50
** receptor =B105+1 property boundary receptor: =C105+1
DISCCART 408388.785312704 3758660.59550585 0.00 1.50
** receptor =B106+1 property boundary receptor: =C106+1
DISCCART 408363.792158643 3758661.04541427 0.00 1.50
** receptor =B107+1 property boundary receptor: =C107+1
DISCCART 408338.799004582 3758661.48532473 0.00 1.50
** receptor =B108+1 property boundary receptor: =C108+1
DISCCART 408313.797604676 3758661.93523315 0.00 1.50
** receptor =B109+1 property boundary receptor: =C109+1
DISCCART 408288.804450615 3758662.37514361 0.00 1.50
** receptor =B110+1 property boundary receptor: =C110+1
DISCCART 408263.811296553 3758662.81505407 0.00 1.50
** receptor =B111+1 property boundary receptor: =C111+1
DISCCART 408238.809896648 3758663.26496249 0.00 1.50
** receptor =B112+1 property boundary receptor: =C112+1
DISCCART 408213.816742586 3758663.70487295 0.00 1.50
** receptor =B113+1 property boundary receptor: =C113+1
DISCCART 408188.823588525 3758664.15478137 0.00 1.50
** receptor =B114+1 property boundary receptor: =C114+1
DISCCART 408163.822188619 3758664.59469183 0.00 1.50
** receptor =B115+1 property boundary receptor: =C115+1
DISCCART 408138.829034558 3758665.04460025 0.00 1.50
** receptor =B116+1 property boundary receptor: =C116+1
DISCCART 408113.835880497 3758665.48451071 0.00 1.50
** receptor =B117+1 property boundary receptor: =C117+1
DISCCART 408088.834480591 3758665.93441913 0.00 1.50
** receptor =B118+1 property boundary receptor: =C118+1
DISCCART 408063.84132653 3758666.37432959 0.00 1.50
** receptor =B119+1 property boundary receptor: =C119+1
DISCCART 408038.839926624 3758666.82423801 0.00 1.50
** receptor =B120+1 property boundary receptor: =C120+1
DISCCART 408013.846772563 3758667.26414847 0.00 1.50
** receptor =B121+1 property boundary receptor: =C121+1
DISCCART 407988.853618501 3758667.71405689 0.00 1.50
** receptor =B122+1 property boundary receptor: =C122+1
DISCCART 407963.852218596 3758668.15396735 0.00 1.50
** receptor =B123+1 property boundary receptor: =C123+1
DISCCART 407938.859064535 3758668.59387781 0.00 1.50
** receptor =B124+1 property boundary receptor: =C124+1
DISCCART 407913.865910473 3758669.04378623 0.00 1.50
** receptor =B125+1 property boundary receptor: =C125+1
DISCCART 407888.864510568 3758669.48369669 0.00 1.50
** receptor =B126+1 property boundary receptor: =C126+1
DISCCART 407863.871356506 3758669.93360511 0.00 1.50
** receptor =B127+1 property boundary receptor: =C127+1
DISCCART 407838.878202445 3758670.37351557 0.00 1.50
** receptor =B128+1 property boundary receptor: =C128+1
DISCCART 407813.876802539 3758670.82342399 0.00 1.50
** receptor =B129+1 property boundary receptor: =C129+1
DISCCART 407788.883648478 3758671.26333445 0.00 1.50
** receptor =B130+1 property boundary receptor: =C130+1
DISCCART 407763.890494417 3758671.71324287 0.00 1.50
** receptor =B131+1 property boundary receptor: =C131+1
DISCCART 407738.889094511 3758672.15315333 0.00 1.50

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Appendix B

NOx Annual Emissions Unmitigated

** receptor =B132+1 property boundary receptor: =C132+1
DISCCART 407713.89594045 3758672.60306175 0.00 1.50
** receptor =B133+1 property boundary receptor: =C133+1
DISCCART 407688.902786388 3758673.04297221 0.00 1.50
** receptor =B134+1 property boundary receptor: =C134+1
DISCCART 407663.901386483 3758673.49288063 0.00 1.50
** receptor =B135+1 property boundary receptor: =C135+1
DISCCART 407638.908232421 3758673.93279109 0.00 1.50
** receptor =B136+1 property boundary receptor: =C136+1
DISCCART 407613.91507836 3758674.37270154 0.00 1.50
** receptor =B137+1 property boundary receptor: =C137+1
DISCCART 407588.913678454 3758674.82260997 0.00 1.50
** receptor =B138+1 property boundary receptor: =C138+1
DISCCART 407563.920524393 3758675.26252042 0.00 1.50
** receptor =B139+1 property boundary receptor: =C139+1
DISCCART 407538.919124488 3758675.71242885 0.00 1.50
** receptor =B140+1 property boundary receptor: =C140+1
DISCCART 407513.925970426 3758676.1523393 487.00 1.50
** receptor =B141+1 property boundary receptor: =C141+1
DISCCART 407488.916324676 3758676.67223348 504.80 1.50
** receptor =B142+1 property boundary receptor: =C142+1
DISCCART 407463.956153992 3758678.00196282 508.50 1.50
** receptor =B143+1 property boundary receptor: =C143+1
DISCCART 407438.987737464 3758679.33169215 508.00 1.50
** receptor =B144+1 property boundary receptor: =C144+1
DISCCART 407414.02756678 3758680.66142149 499.00 1.50
** receptor =B145+1 property boundary receptor: =C145+1
DISCCART 407389.059150251 3758681.99115083 491.80 1.50
** receptor =B146+1 property boundary receptor: =C146+1
DISCCART 407364.090733723 3758683.32088017 483.60 1.50
** receptor =B147+1 property boundary receptor: =C147+1
DISCCART 407339.130563039 3758684.6506095 473.10 1.50
** receptor =B148+1 property boundary receptor: =C148+1
DISCCART 407314.16214651 3758685.98033884 464.30 1.50
** receptor =B149+1 property boundary receptor: =C149+1
DISCCART 407289.201975826 3758687.31006818 459.00 1.50
** receptor =B150+1 property boundary receptor: =C150+1
DISCCART 407264.233559298 3758688.63979752 450.60 1.50
** receptor =B151+1 property boundary receptor: =C151+1
DISCCART 407239.273388613 3758689.96952686 445.20 1.50
** receptor =B152+1 property boundary receptor: =C152+1
DISCCART 407214.304972085 3758691.29925619 439.20 1.50
** receptor =B153+1 property boundary receptor: =C153+1
DISCCART 407189.344801401 3758692.62898553 421.30 1.50
** receptor =B154+1 property boundary receptor: =C154+1
DISCCART 407164.376384872 3758693.95871487 400.40 1.50
** receptor =B155+1 property boundary receptor: =C155+1
DISCCART 407139.416214188 3758695.27844624 382.00 1.50
** receptor =B156+1 property boundary receptor: =C156+1
DISCCART 407114.44779766 3758696.60817558 377.20 1.50
** receptor =B157+1 property boundary receptor: =C157+1
DISCCART 407089.487626976 3758697.93790491 384.00 1.50
** receptor =B158+1 property boundary receptor: =C158+1
DISCCART 407065.681874493 3758703.39679377 394.00 1.50
** receptor =B159+1 property boundary receptor: =C159+1
DISCCART 407045.124984663 3758717.63389585 400.10 1.50
** receptor =B160+1 property boundary receptor: =C160+1
DISCCART 407024.576340677 3758731.87099793 403.40 1.50
** receptor =B161+1 property boundary receptor: =C161+1
DISCCART 407004.019450847 3758746.09810204 406.20 1.50
** receptor =B162+1 property boundary receptor: =C162+1
DISCCART 406983.470806861 3758760.33520412 410.90 1.50
** receptor =B163+1 property boundary receptor: =C163+1
DISCCART 406962.922162876 3758774.5723062 415.50 1.50
** receptor =B164+1 property boundary receptor: =C164+1
DISCCART 406942.365273046 3758788.80940828 416.90 1.50
** receptor =B165+1 property boundary receptor: =C165+1
DISCCART 406921.81662906 3758803.0365124 418.60 1.50
** receptor =B166+1 property boundary receptor: =C166+1
DISCCART 406901.25973923 3758817.27361448 417.10 1.50
** receptor =B167+1 property boundary receptor: =C167+1
DISCCART 406883.918728675 3758804.44622545 408.20 1.50
** receptor =B168+1 property boundary receptor: =C168+1
DISCCART 406866.511751366 3758786.49987838 407.40 1.50
** receptor =B169+1 property boundary receptor: =C169+1
DISCCART 406849.055298991 3758768.49354352 409.10 1.50

Appendix B

NOx Annual Emissions Unmitigated

** receptor =B170+1 property boundary receptor: =C170+1
DISCCART 406828.828242933 3758753.80653302 404.10 1.50
** receptor =B171+1 property boundary receptor: =C171+1
DISCCART 406808.601186875 3758739.11952251 401.40 1.50
** receptor =B172+1 property boundary receptor: =C172+1
DISCCART 406788.374130817 3758724.42251405 393.80 1.50
** receptor =B173+1 property boundary receptor: =C173+1
DISCCART 406768.138828914 3758709.73550355 388.10 1.50
** receptor =B174+1 property boundary receptor: =C174+1
DISCCART 406747.911772856 3758695.04849305 383.30 1.50
** receptor =B175+1 property boundary receptor: =C175+1
DISCCART 406730.010044889 3758678.56184885 380.60 1.50
** receptor =B176+1 property boundary receptor: =C176+1
DISCCART 406717.971112217 3758656.65630766 379.90 1.50
** receptor =B177+1 property boundary receptor: =C177+1
DISCCART 406705.932179545 3758634.74076851 377.20 1.50
** receptor =B178+1 property boundary receptor: =C178+1
DISCCART 406693.885001028 3758612.83522732 370.10 1.50
** receptor =B179+1 property boundary receptor: =C179+1
DISCCART 406681.846068356 3758590.92968613 364.80 1.50
** receptor =B180+1 property boundary receptor: =C180+1
DISCCART 406667.506545125 3758575.57281197 360.80 1.50
** receptor =B181+1 property boundary receptor: =C181+1
DISCCART 406646.562100613 3758589.22003412 360.80 1.50
** receptor =B182+1 property boundary receptor: =C182+1
DISCCART 406625.617656101 3758602.87725423 364.10 1.50
** receptor =B183+1 property boundary receptor: =C183+1
DISCCART 406625.493968437 3758621.57344868 365.50 1.50
** receptor =B184+1 property boundary receptor: =C184+1
DISCCART 406639.083119837 3758642.55917709 365.90 1.50
** receptor =B185+1 property boundary receptor: =C185+1
DISCCART 406652.672271237 3758663.54490551 370.00 1.50
** receptor =B186+1 property boundary receptor: =C186+1
DISCCART 406666.261422637 3758684.53063393 373.30 1.50
** receptor =B187+1 property boundary receptor: =C187+1
DISCCART 406679.850574036 3758705.51636234 379.60 1.50
** receptor =B188+1 property boundary receptor: =C188+1
DISCCART 406693.439725436 3758726.50209076 382.10 1.50
** receptor =B189+1 property boundary receptor: =C189+1
DISCCART 406707.028876836 3758747.47782121 383.70 1.50
** receptor =B190+1 property boundary receptor: =C190+1
DISCCART 406720.799436811 3758767.88366766 383.80 1.50
** receptor =B191+1 property boundary receptor: =C191+1
DISCCART 406700.250792825 3758782.11077177 390.20 1.50
** receptor =B192+1 property boundary receptor: =C192+1
DISCCART 406681.672905626 3758797.34767034 393.50 1.50
** receptor =B193+1 property boundary receptor: =C193+1
DISCCART 406695.591890798 3758818.11344353 393.70 1.50
** receptor =B194+1 property boundary receptor: =C194+1
DISCCART 406709.510875969 3758838.87921672 397.30 1.50
** receptor =B195+1 property boundary receptor: =C195+1
DISCCART 406723.429861141 3758859.6449899 399.20 1.50
** receptor =B196+1 property boundary receptor: =C196+1
DISCCART 406737.340600469 3758880.41076309 401.00 1.50
** receptor =B197+1 property boundary receptor: =C197+1
DISCCART 406756.833776384 3758895.6076698 402.70 1.50
** receptor =B198+1 property boundary receptor: =C198+1
DISCCART 406778.272971554 3758908.46505272 407.20 1.50
** receptor =B199+1 property boundary receptor: =C199+1
DISCCART 406799.712166724 3758921.32243564 414.50 1.50
** receptor =B200+1 property boundary receptor: =C200+1
DISCCART 406821.151361894 3758934.17981856 416.40 1.50
** receptor =B201+1 property boundary receptor: =C201+1
DISCCART 406830.97216245 3758956.33530887 419.00 1.50
** receptor =B202+1 property boundary receptor: =C202+1
DISCCART 406839.745740781 3758979.75054277 420.50 1.50
** receptor =B203+1 property boundary receptor: =C203+1
DISCCART 406848.519319112 3759003.1557787 430.30 1.50
** receptor =B204+1 property boundary receptor: =C204+1
DISCCART 406844.091300725 3759021.77198942 440.10 1.50
** receptor =B205+1 property boundary receptor: =C205+1
DISCCART 406823.361248165 3759035.73914645 457.90 1.50
** receptor =B206+1 property boundary receptor: =C206+1
DISCCART 406802.62294976 3759049.70630347 460.60 1.50
** receptor =B207+1 property boundary receptor: =C207+1
DISCCART 406781.884651356 3759063.6734605 461.40 1.50

Appendix B

NOx Annual Emissions Unmitigated

** receptor =B208+1 property boundary receptor: =C208+1
DISCCART 406761.154598795 3759077.63061956 462.50 1.50
** receptor =B209+1 property boundary receptor: =C209+1
DISCCART 406740.416300391 3759091.59777659 445.50 1.50
** receptor =B210+1 property boundary receptor: =C210+1
DISCCART 406747.507726486 3759112.46352942 447.40 1.50
** receptor =B211+1 property boundary receptor: =C211+1
DISCCART 406760.231064234 3759133.97914998 450.90 1.50
** receptor =B212+1 property boundary receptor: =C212+1
DISCCART 406747.763347659 3759149.98589185 441.40 1.50
** receptor =B213+1 property boundary receptor: =C213+1
DISCCART 406732.228177005 3759166.43254418 436.20 1.50
** receptor =B214+1 property boundary receptor: =C214+1
DISCCART 406714.664528654 3759177.07037888 439.50 1.50
** receptor =B215+1 property boundary receptor: =C215+1
DISCCART 406693.579904789 3759190.50764377 445.20 1.50
** receptor =B216+1 property boundary receptor: =C216+1
DISCCART 406672.503526769 3759203.94490865 448.10 1.50
** receptor =B217+1 property boundary receptor: =C217+1
DISCCART 406651.418902904 3759217.37217557 452.50 1.50
** receptor =B218+1 property boundary receptor: =C218+1
DISCCART 406630.334279039 3759230.80944045 453.90 1.50
** receptor =B219+1 property boundary receptor: =C219+1
DISCCART 406609.249655174 3759244.24670534 454.70 1.50
** receptor =B220+1 property boundary receptor: =C220+1
DISCCART 406588.165031309 3759257.67397226 455.40 1.50
** receptor =B221+1 property boundary receptor: =C221+1
DISCCART 406567.080407444 3759271.11123714 453.50 1.50
** receptor =B222+1 property boundary receptor: =C222+1
DISCCART 406545.995783579 3759284.54850202 454.90 1.50
** receptor =B223+1 property boundary receptor: =C223+1
DISCCART 406524.911159714 3759297.97576894 456.00 1.50
** receptor =B224+1 property boundary receptor: =C224+1
DISCCART 406503.826535849 3759311.41303383 454.70 1.50
** receptor =B225+1 property boundary receptor: =C225+1
DISCCART 406482.750157828 3759324.85029871 455.30 1.50
** receptor =B226+1 property boundary receptor: =C226+1
DISCCART 406461.665533963 3759338.28756359 456.70 1.50
** receptor =B227+1 property boundary receptor: =C227+1
DISCCART 406440.580910098 3759351.71483051 457.40 1.50
** receptor =B228+1 property boundary receptor: =C228+1
DISCCART 406419.496286233 3759365.15209539 459.20 1.50
** receptor =B229+1 property boundary receptor: =C229+1
DISCCART 406398.411662368 3759378.58936028 466.20 1.50
** receptor =B230+1 property boundary receptor: =C230+1
DISCCART 406377.021942264 3759392.30656818 476.50 1.50
** receptor =B231+1 property boundary receptor: =C231+1
DISCCART 406375.644886267 3759417.26148868 478.20 1.50
** receptor =B232+1 property boundary receptor: =C232+1
DISCCART 406374.267830269 3759442.22640714 485.00 1.50
** receptor =B233+1 property boundary receptor: =C233+1
DISCCART 406372.890774272 3759467.1913256 487.80 1.50
** receptor =B234+1 property boundary receptor: =C234+1
DISCCART 406351.525791701 3759469.48085958 504.40 1.50
** receptor =B235+1 property boundary receptor: =C235+1
DISCCART 406326.540883484 3759468.72101424 513.00 1.50
** receptor =B236+1 property boundary receptor: =C236+1
DISCCART 406301.547729422 3759467.96116891 518.20 1.50
** receptor =B237+1 property boundary receptor: =C237+1
DISCCART 406276.562821205 3759467.20132357 513.80 1.50
** receptor =B238+1 property boundary receptor: =C238+1
DISCCART 406251.569667144 3759466.4514762 508.90 1.50
** receptor =B239+1 property boundary receptor: =C239+1
DISCCART 406226.584758927 3759465.69163086 506.90 1.50
** receptor =B240+1 property boundary receptor: =C240+1
DISCCART 406201.591604866 3759464.93178553 499.20 1.50
** receptor =B241+1 property boundary receptor: =C241+1
DISCCART 406176.606696648 3759464.17194019 472.60 1.50
** receptor =B242+1 property boundary receptor: =C242+1
DISCCART 406171.354093832 3759484.43781513 453.00 1.50
** receptor =B243+1 property boundary receptor: =C243+1
DISCCART 406171.634452538 3759509.43272749 441.20 1.50
** receptor =B244+1 property boundary receptor: =C244+1
DISCCART 406171.9065654 3759534.43763781 445.70 1.50
** receptor =B245+1 property boundary receptor: =C245+1
DISCCART 406172.186924106 3759559.43255017 456.90 1.50

Appendix B

NOx Annual Emissions Unmitigated

** receptor =B246+1 property boundary receptor: =C246+1
DISCCART 406172.459036968 3759584.42746253 473.00 1.50
** receptor =B247+1 property boundary receptor: =C247+1
DISCCART 406172.739395674 3759609.43237285 488.60 1.50
** receptor =B248+1 property boundary receptor: =C248+1
DISCCART 406173.01975438 3759634.42728521 502.60 1.50
** receptor =B249+1 property boundary receptor: =C249+1
DISCCART 406173.291867242 3759659.43219553 508.70 1.50
** receptor =B250+1 property boundary receptor: =C250+1
DISCCART 406173.572225948 3759684.42710789 530.50 1.50
** receptor =B251+1 property boundary receptor: =C251+1
DISCCART 406173.844338809 3759709.42202025 531.00 1.50
** receptor =B252+1 property boundary receptor: =C252+1
DISCCART 406174.124697515 3759734.42693057 523.50 1.50
** receptor =B253+1 property boundary receptor: =C253+1
DISCCART 406174.396810377 3759759.42184293 541.40 1.50
** receptor =B254+1 property boundary receptor: =C254+1
DISCCART 406174.677169083 3759784.41675529 537.90 1.50
** receptor =B255+1 property boundary receptor: =C255+1
DISCCART 406174.957527789 3759809.42166561 527.00 1.50
** receptor =B256+1 property boundary receptor: =C256+1
DISCCART 406175.229640651 3759834.41657797 529.00 1.50
** receptor =B257+1 property boundary receptor: =C257+1
DISCCART 406175.509999357 3759859.41149032 518.70 1.50
** receptor =B258+1 property boundary receptor: =C258+1
DISCCART 406152.330931041 3759859.62144759 499.60 1.50
** receptor =B259+1 property boundary receptor: =C259+1
DISCCART 406127.346022824 3759858.88159818 492.00 1.50
** receptor =B260+1 property boundary receptor: =C260+1
DISCCART 406102.352868763 3759858.14174878 497.80 1.50
** receptor =B261+1 property boundary receptor: =C261+1
DISCCART 406077.367960546 3759857.39190141 548.20 1.50
** receptor =B262+1 property boundary receptor: =C262+1
DISCCART 406052.374806484 3759856.652052 603.20 1.50
** receptor =B263+1 property boundary receptor: =C263+1
DISCCART 406041.308883439 3759870.99913169 598.20 1.50
** receptor =B264+1 property boundary receptor: =C264+1
DISCCART 406041.572750456 3759895.99404405 595.60 1.50
** receptor =B265+1 property boundary receptor: =C265+1
DISCCART 406041.844863318 3759920.98895641 593.00 1.50
** receptor =B266+1 property boundary receptor: =C266+1
DISCCART 406042.108730336 3759945.99386673 652.50 1.50
** receptor =B267+1 property boundary receptor: =C267+1
DISCCART 406042.380843197 3759970.98877909 690.00 1.50
** receptor =B268+1 property boundary receptor: =C268+1
DISCCART 406067.349259726 3759972.61844738 677.10 1.50
** receptor =B269+1 property boundary receptor: =C269+1
DISCCART 406092.334167943 3759973.38829068 646.60 1.50
** receptor =B270+1 property boundary receptor: =C270+1
DISCCART 406117.327322004 3759974.15813398 595.70 1.50
** receptor =B271+1 property boundary receptor: =C271+1
DISCCART 406142.312230221 3759974.91797931 550.00 1.50
** receptor =B272+1 property boundary receptor: =C272+1
DISCCART 406167.305384283 3759975.68782261 501.80 1.50
** receptor =B273+1 property boundary receptor: =C273+1
DISCCART 406187.153131503 3759980.63681526 507.00 1.50
** receptor =B274+1 property boundary receptor: =C274+1
DISCCART 406187.425244365 3760005.64172558 508.40 1.50
** receptor =B275+1 property boundary receptor: =C275+1
DISCCART 406187.697357227 3760030.63663794 512.70 1.50
** receptor =B276+1 property boundary receptor: =C276+1
DISCCART 406187.969470088 3760055.64154826 522.30 1.50
** receptor =B277+1 property boundary receptor: =C277+1
DISCCART 406188.24158295 3760080.63646062 553.60 1.50
** receptor =B278+1 property boundary receptor: =C278+1
DISCCART 406188.505449968 3760105.63137298 605.90 1.50
** receptor =B279+1 property boundary receptor: =C279+1
DISCCART 406188.777562829 3760130.6362833 606.30 1.50
** receptor =B280+1 property boundary receptor: =C280+1
DISCCART 406189.049675691 3760155.63119566 582.80 1.50
** receptor =B281+1 property boundary receptor: =C281+1
DISCCART 406189.321788553 3760180.62610802 621.80 1.50
** receptor =B282+1 property boundary receptor: =C282+1
DISCCART 406189.593901415 3760205.63101834 668.30 1.50
** receptor =B283+1 property boundary receptor: =C283+1
DISCCART 406189.866014277 3760230.6259307 703.70 1.50

Appendix B

NOx Annual Emissions Unmitigated

** receptor =B284+1 property boundary receptor: =C284+1
DISCCART 406190.129881294 3760255.62084306 712.50 1.50
** receptor =B285+1 property boundary receptor: =C285+1
DISCCART 406198.210808704 3760273.80714129 709.80 1.50
** receptor =B286+1 property boundary receptor: =C286+1
DISCCART 406223.203962765 3760274.55698866 728.30 1.50
** receptor =B287+1 property boundary receptor: =C287+1
DISCCART 406248.188870983 3760275.29683806 727.10 1.50
** receptor =B288+1 property boundary receptor: =C288+1
DISCCART 406270.568092402 3760282.11545016 720.90 1.50
** receptor =B289+1 property boundary receptor: =C289+1
DISCCART 406289.73968039 3760298.15218592 719.10 1.50
** receptor =B290+1 property boundary receptor: =C290+1
DISCCART 406308.911268379 3760314.19891966 751.70 1.50
** receptor =B291+1 property boundary receptor: =C291+1
DISCCART 406328.082856367 3760330.24565339 769.70 1.50
** receptor =B292+1 property boundary receptor: =C292+1
DISCCART 406347.2626902 3760346.28238916 786.20 1.50
** receptor =B293+1 property boundary receptor: =C293+1
DISCCART 406366.434278188 3760362.32912289 784.80 1.50
** receptor =B294+1 property boundary receptor: =C294+1
DISCCART 406385.605866176 3760378.37585663 759.90 1.50
** receptor =B295+1 property boundary receptor: =C295+1
DISCCART 406404.777454164 3760394.42259036 763.00 1.50
** receptor =B296+1 property boundary receptor: =C296+1
DISCCART 406423.949042153 3760410.45932613 759.20 1.50
** receptor =B297+1 property boundary receptor: =C297+1
DISCCART 406438.560678245 3760430.58522956 791.50 1.50
** receptor =B298+1 property boundary receptor: =C298+1
DISCCART 406453.114593428 3760450.91109229 824.10 1.50
** receptor =B299+1 property boundary receptor: =C299+1
DISCCART 406464.510350245 3760468.4475228 845.30 1.50
** receptor =B300+1 property boundary receptor: =C300+1
DISCCART 406439.665621381 3760465.62809669 847.40 1.50
** receptor =B301+1 property boundary receptor: =C301+1
DISCCART 406414.829138361 3760462.81866854 851.20 1.50
** receptor =B302+1 property boundary receptor: =C302+1
DISCCART 406390.322489114 3760458.31958431 852.80 1.50
** receptor =B303+1 property boundary receptor: =C303+1
DISCCART 406365.972510907 3760452.67073412 847.20 1.50
** receptor =B304+1 property boundary receptor: =C304+1
DISCCART 406354.469558114 3760461.64890664 846.20 1.50
** receptor =B305+1 property boundary receptor: =C305+1
DISCCART 406362.261880974 3760484.3042952 797.40 1.50
** receptor =B306+1 property boundary receptor: =C306+1
DISCCART 406383.824763808 3760496.95172085 792.40 1.50
** receptor =B307+1 property boundary receptor: =C307+1
DISCCART 406405.214483912 3760509.6291404 793.10 1.50
** receptor =B308+1 property boundary receptor: =C308+1
DISCCART 406422.63795291 3760527.56548951 780.80 1.50
** receptor =B309+1 property boundary receptor: =C309+1
DISCCART 406440.053176063 3760545.50183862 786.30 1.50
** receptor =B310+1 property boundary receptor: =C310+1
DISCCART 406459.637056266 3760554.25005794 832.90 1.50
** receptor =B311+1 property boundary receptor: =C311+1
DISCCART 406482.214177949 3760543.50224563 862.30 1.50
** receptor =B312+1 property boundary receptor: =C312+1
DISCCART 406504.783053787 3760532.75443332 891.50 1.50
** receptor =B313+1 property boundary receptor: =C313+1
DISCCART 406527.351929625 3760522.006621 907.40 1.50
** receptor =B314+1 property boundary receptor: =C314+1
DISCCART 406549.920805464 3760511.24881072 919.80 1.50
** receptor =B315+1 property boundary receptor: =C315+1
DISCCART 406572.497927146 3760500.50099841 936.10 1.50
** receptor =B316+1 property boundary receptor: =C316+1
DISCCART 406596.617021712 3760494.71217671 948.10 1.50
** receptor =B317+1 property boundary receptor: =C317+1
DISCCART 406621.107179271 3760489.7231922 949.10 1.50
** receptor =B318+1 property boundary receptor: =C318+1
DISCCART 406645.011881886 3760486.75379661 977.60 1.50
** receptor =B319+1 property boundary receptor: =C319+1
DISCCART 406667.09425291 3760498.49140746 983.80 1.50
** receptor =B320+1 property boundary receptor: =C320+1
DISCCART 406684.064200472 3760513.01845052 969.70 1.50
** receptor =B321+1 property boundary receptor: =C321+1
DISCCART 406685.72986102 3760537.96337305 951.70 1.50

Appendix B

NOx Annual Emissions Unmitigated

** receptor =B322+1 property boundary receptor: =C322+1
DISCCART 406687.395521567 3760562.90829558 941.20 1.50
** receptor =B323+1 property boundary receptor: =C323+1
DISCCART 406689.061182115 3760587.85321812 928.10 1.50
** receptor =B324+1 property boundary receptor: =C324+1
DISCCART 406690.726842663 3760612.79814065 906.30 1.50
** receptor =B325+1 property boundary receptor: =C325+1
DISCCART 406692.392503211 3760637.74306318 901.10 1.50
** receptor =B326+1 property boundary receptor: =C326+1
DISCCART 406694.058163759 3760662.68798572 914.40 1.50
** receptor =B327+1 property boundary receptor: =C327+1
DISCCART 406695.723824306 3760687.63290825 926.90 1.50
** receptor =B328+1 property boundary receptor: =C328+1
DISCCART 406694.016934537 3760710.82818692 929.80 1.50
** receptor =B329+1 property boundary receptor: =C329+1
DISCCART 406675.661685134 3760727.79473343 928.30 1.50
** receptor =B330+1 property boundary receptor: =C330+1
DISCCART 406657.306435731 3760744.7712779 929.00 1.50
** receptor =B331+1 property boundary receptor: =C331+1
DISCCART 406638.942940484 3760761.74782237 917.90 1.50
** receptor =B332+1 property boundary receptor: =C332+1
DISCCART 406620.587691081 3760778.71436888 909.20 1.50
** receptor =B333+1 property boundary receptor: =C333+1
DISCCART 406600.105013849 3760790.50196955 910.30 1.50
** receptor =B334+1 property boundary receptor: =C334+1
DISCCART 406575.309760051 3760793.6813224 913.60 1.50
** receptor =B335+1 property boundary receptor: =C335+1
DISCCART 406550.514506253 3760796.86067525 911.30 1.50
** receptor =B336+1 property boundary receptor: =C336+1
DISCCART 406525.719252455 3760800.04002811 910.10 1.50
** receptor =B337+1 property boundary receptor: =C337+1
DISCCART 406500.915752812 3760803.20938299 907.50 1.50
** receptor =B338+1 property boundary receptor: =C338+1
DISCCART 406478.025289046 3760812.0775779 899.10 1.50
** receptor =B339+1 property boundary receptor: =C339+1
DISCCART 406457.196286355 3760825.90476341 893.60 1.50
** receptor =B340+1 property boundary receptor: =C340+1
DISCCART 406436.367283663 3760839.72195097 890.60 1.50
** receptor =B341+1 property boundary receptor: =C341+1
DISCCART 406415.538280971 3760853.54913648 882.30 1.50
** receptor =B342+1 property boundary receptor: =C342+1
DISCCART 406392.268508367 3760856.24858702 870.50 1.50
** receptor =B343+1 property boundary receptor: =C343+1
DISCCART 406367.399041971 3760853.71910189 870.50 1.50
** receptor =B344+1 property boundary receptor: =C344+1
DISCCART 406342.521329729 3760851.17961879 866.50 1.50
** receptor =B345+1 property boundary receptor: =C345+1
DISCCART 406317.651863332 3760848.65013366 865.10 1.50
** receptor =B346+1 property boundary receptor: =C346+1
DISCCART 406292.782396936 3760846.11065056 864.20 1.50
** receptor =B347+1 property boundary receptor: =C347+1
DISCCART 406267.912930539 3760843.58116543 872.50 1.50
** receptor =B348+1 property boundary receptor: =C348+1
DISCCART 406244.090686367 3760836.56259404 883.10 1.50
** receptor =B349+1 property boundary receptor: =C349+1
DISCCART 406220.33440895 3760828.76418139 884.50 1.50
** receptor =B350+1 property boundary receptor: =C350+1
DISCCART 406196.586377378 3760820.96576873 881.50 1.50
** receptor =B351+1 property boundary receptor: =C351+1
DISCCART 406172.830099961 3760813.15735811 870.50 1.50
** receptor =B352+1 property boundary receptor: =C352+1
DISCCART 406149.082068388 3760805.35894546 867.20 1.50
** receptor =B353+1 property boundary receptor: =C353+1
DISCCART 406125.334036816 3760797.5605328 863.20 1.50
** receptor =B354+1 property boundary receptor: =C354+1
DISCCART 406105.593485571 3760782.55358742 862.70 1.50
** receptor =B355+1 property boundary receptor: =C355+1
DISCCART 406085.877671859 3760767.17671734 840.90 1.50
** receptor =B356+1 property boundary receptor: =C356+1
DISCCART 406083.428656103 3760744.02143053 840.90 1.50
** receptor =B357+1 property boundary receptor: =C357+1
DISCCART 406083.931652605 3760719.02651817 838.00 1.50
** receptor =B358+1 property boundary receptor: =C358+1
DISCCART 406084.442894952 3760694.03160581 824.10 1.50
** receptor =B359+1 property boundary receptor: =C359+1
DISCCART 406073.797509965 3760679.39458514 814.50 1.50

Appendix B

NOx Annual Emissions Unmitigated

** receptor =B360+1 property boundary receptor: =C360+1
DISCCART 406048.812601748 3760680.15443047 809.20 1.50
** receptor =B361+1 property boundary receptor: =C361+1
DISCCART 406023.827693531 3760680.90427784 763.80 1.50
** receptor =B362+1 property boundary receptor: =C362+1
DISCCART 405998.83453947 3760681.65412521 703.40 1.50
** receptor =B363+1 property boundary receptor: =C363+1
DISCCART 405973.849631253 3760682.40397258 653.30 1.50
** receptor =B364+1 property boundary receptor: =C364+1
DISCCART 405948.856477192 3760683.16381792 647.20 1.50
** receptor =B365+1 property boundary receptor: =C365+1
DISCCART 405923.871568975 3760683.91366529 645.10 1.50
** receptor =B366+1 property boundary receptor: =C366+1
DISCCART 405898.878414913 3760684.66351266 605.30 1.50
** receptor =B367+1 property boundary receptor: =C367+1
DISCCART 405873.893506696 3760685.41336003 562.00 1.50
** receptor =B368+1 property boundary receptor: =C368+1
DISCCART 405848.900352635 3760686.1632074 537.10 1.50
** receptor =B369+1 property boundary receptor: =C369+1
DISCCART 405823.915444418 3760686.92305274 526.20 1.50
** receptor =B370+1 property boundary receptor: =C370+1
DISCCART 405798.922290357 3760687.67290011 521.50 1.50
** receptor =B371+1 property boundary receptor: =C371+1
DISCCART 405774.473362019 3760683.82368361 524.60 1.50
** receptor =B372+1 property boundary receptor: =C372+1
DISCCART 405749.554420556 3760682.28399701 542.50 1.50
** receptor =B373+1 property boundary receptor: =C373+1
DISCCART 405724.55302065 3760682.50395223 549.20 1.50
** receptor =B374+1 property boundary receptor: =C374+1
DISCCART 405699.559866589 3760682.73390543 534.70 1.50
** receptor =B375+1 property boundary receptor: =C375+1
DISCCART 405674.558466684 3760682.96385862 544.60 1.50
** receptor =B376+1 property boundary receptor: =C376+1
DISCCART 405649.557066778 3760683.19381182 556.20 1.50
** receptor =B377+1 property boundary receptor: =C377+1
DISCCART 405632.100614403 3760691.55211051 570.10 1.50
** receptor =B378+1 property boundary receptor: =C378+1
DISCCART 405632.809757013 3760716.54702287 587.70 1.50
** receptor =B379+1 property boundary receptor: =C379+1
DISCCART 405633.518899622 3760741.53193726 599.40 1.50
** receptor =B380+1 property boundary receptor: =C380+1
DISCCART 405634.219796387 3760766.52684962 603.30 1.50
** receptor =B381+1 property boundary receptor: =C381+1
DISCCART 405634.928938997 3760791.51176401 603.50 1.50
** receptor =B382+1 property boundary receptor: =C382+1
DISCCART 405635.638081606 3760816.50667637 604.70 1.50
** receptor =B383+1 property boundary receptor: =C383+1
DISCCART 405636.338978371 3760841.49159076 614.60 1.50
** receptor =B384+1 property boundary receptor: =C384+1
DISCCART 405637.048120981 3760866.48650312 632.00 1.50
** receptor =B385+1 property boundary receptor: =C385+1
DISCCART 405637.75726359 3760891.47141751 654.90 1.50
** receptor =B386+1 property boundary receptor: =C386+1
DISCCART 405638.458160355 3760916.46632987 658.40 1.50
** receptor =B387+1 property boundary receptor: =C387+1
DISCCART 405639.167302965 3760941.45124426 655.80 1.50
** receptor =B388+1 property boundary receptor: =C388+1
DISCCART 405639.876445574 3760966.44615662 659.10 1.50
** receptor =B389+1 property boundary receptor: =C389+1
DISCCART 405644.081826165 3760990.87118498 670.50 1.50
** receptor =B390+1 property boundary receptor: =C390+1
DISCCART 405653.317171777 3761014.1064555 681.40 1.50
** receptor =B391+1 property boundary receptor: =C391+1
DISCCART 405653.762447369 3761038.93140246 695.60 1.50
** receptor =B392+1 property boundary receptor: =C392+1
DISCCART 405654.150002051 3761063.92631482 706.90 1.50
** receptor =B393+1 property boundary receptor: =C393+1
DISCCART 405654.537556733 3761088.92122717 718.70 1.50
** receptor =B394+1 property boundary receptor: =C394+1
DISCCART 405672.802101848 3761096.21974158 721.60 1.50
** receptor =B395+1 property boundary receptor: =C395+1
DISCCART 405697.79525591 3761095.61986368 723.70 1.50
** receptor =B396+1 property boundary receptor: =C396+1
DISCCART 405722.788409971 3761095.01998579 721.30 1.50
** receptor =B397+1 property boundary receptor: =C397+1
DISCCART 405747.781564032 3761094.42010789 720.30 1.50

Appendix B

NOx Annual Emissions Unmitigated

** receptor =B398+1 property boundary receptor: =C398+1
DISCCART 405772.766472249 3761093.82023 722.60 1.50
** receptor =B399+1 property boundary receptor: =C399+1
DISCCART 405797.759626311 3761093.2203521 726.10 1.50
** receptor =B400+1 property boundary receptor: =C400+1
DISCCART 405822.752780372 3761092.6204742 711.70 1.50
** receptor =B401+1 property boundary receptor: =C401+1
DISCCART 405847.745934433 3761092.02059631 659.40 1.50
** receptor =B402+1 property boundary receptor: =C402+1
DISCCART 405872.739088495 3761091.42071841 677.30 1.50
** receptor =B403+1 property boundary receptor: =C403+1
DISCCART 405897.732242556 3761090.82084051 700.10 1.50
** receptor =B404+1 property boundary receptor: =C404+1
DISCCART 405922.725396617 3761090.22096262 713.40 1.50
** receptor =B405+1 property boundary receptor: =C405+1
DISCCART 405947.718550679 3761089.62108472 723.90 1.50
** receptor =B406+1 property boundary receptor: =C406+1
DISCCART 405972.71170474 3761089.02120682 715.50 1.50
** receptor =B407+1 property boundary receptor: =C407+1
DISCCART 405997.704858801 3761088.41133096 696.70 1.50
** receptor =B408+1 property boundary receptor: =C408+1
DISCCART 406022.698012863 3761087.81145306 682.90 1.50
** receptor =B409+1 property boundary receptor: =C409+1
DISCCART 406047.691166924 3761087.21157517 744.00 1.50
** receptor =B410+1 property boundary receptor: =C410+1
DISCCART 406072.684320985 3761086.61169727 811.20 1.50
** receptor =B411+1 property boundary receptor: =C411+1
DISCCART 406097.677475047 3761086.01181937 811.30 1.50
** receptor =B412+1 property boundary receptor: =C412+1
DISCCART 406122.670629108 3761085.41194148 766.50 1.50
** receptor =B413+1 property boundary receptor: =C413+1
DISCCART 406147.663783169 3761084.81206358 718.20 1.50
** receptor =B414+1 property boundary receptor: =C414+1
DISCCART 406172.656937231 3761084.21218569 736.20 1.50
** receptor =B415+1 property boundary receptor: =C415+1
DISCCART 406197.650091292 3761083.61230779 747.10 1.50
** receptor =B416+1 property boundary receptor: =C416+1
DISCCART 406222.643245353 3761083.01242989 735.90 1.50
** receptor =B417+1 property boundary receptor: =C417+1
DISCCART 406247.636399415 3761082.412552 692.90 1.50
** receptor =B418+1 property boundary receptor: =C418+1
DISCCART 406272.629553476 3761081.8126741 695.00 1.50
** receptor =B419+1 property boundary receptor: =C419+1
DISCCART 406297.622707537 3761081.2127962 717.30 1.50
** receptor =B420+1 property boundary receptor: =C420+1
DISCCART 406322.607615754 3761080.61291831 750.80 1.50
** receptor =B421+1 property boundary receptor: =C421+1
DISCCART 406347.600769816 3761080.01304041 702.40 1.50
** receptor =B422+1 property boundary receptor: =C422+1
DISCCART 406372.593923877 3761079.41316251 706.20 1.50
** receptor =B423+1 property boundary receptor: =C423+1
DISCCART 406397.587077938 3761078.81328462 717.80 1.50
** receptor =B424+1 property boundary receptor: =C424+1
DISCCART 406422.580232 3761078.20340875 743.10 1.50
** receptor =B425+1 property boundary receptor: =C425+1
DISCCART 406447.573386061 3761077.60353086 744.20 1.50
** receptor =B426+1 property boundary receptor: =C426+1
DISCCART 406472.566540122 3761077.00365296 689.30 1.50
** receptor =B427+1 property boundary receptor: =C427+1
DISCCART 406497.559694184 3761076.40377506 682.70 1.50
** receptor =B428+1 property boundary receptor: =C428+1
DISCCART 406522.552848245 3761075.80389717 733.00 1.50
** receptor =B429+1 property boundary receptor: =C429+1
DISCCART 406547.546002306 3761075.20401927 766.50 1.50
** receptor =B430+1 property boundary receptor: =C430+1
DISCCART 406572.539156368 3761074.60414137 774.40 1.50
** receptor =B431+1 property boundary receptor: =C431+1
DISCCART 406597.532310429 3761074.00426348 764.30 1.50
** receptor =B432+1 property boundary receptor: =C432+1
DISCCART 406622.52546449 3761073.40438558 788.10 1.50
** receptor =B433+1 property boundary receptor: =C433+1
DISCCART 406647.518618552 3761072.80450769 778.40 1.50
** receptor =B434+1 property boundary receptor: =C434+1
DISCCART 406672.511772613 3761072.20462979 755.40 1.50
** receptor =B435+1 property boundary receptor: =C435+1
DISCCART 406697.504926674 3761071.60475189 797.00 1.50

Appendix B

NOx Annual Emissions Unmitigated

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** receptor =B436+1 property boundary receptor: =C436+1
DISCCART 406722.498080736 3761071.00487399 811.80 1.50
** receptor =B437+1 property boundary receptor: =C437+1
DISCCART 406747.491234797 3761070.4049961 768.50 1.50
** receptor =B438+1 property boundary receptor: =C438+1
DISCCART 406772.484388858 3761069.8051182 740.50 1.50
** receptor =B439+1 property boundary receptor: =C439+1
DISCCART 406797.47754292 3761069.20524031 786.40 1.50
** receptor =B440+1 property boundary receptor: =C440+1
DISCCART 406822.470696981 3761068.60536241 834.10 1.50
** receptor =B441+1 property boundary receptor: =C441+1
DISCCART 406847.463851042 3761068.00548451 852.90 1.50
** receptor =B442+1 property boundary receptor: =C442+1
DISCCART 406872.457005104 3761067.39560865 857.90 1.50
** receptor =B443+1 property boundary receptor: =C443+1
DISCCART 406897.441913321 3761066.79573075 846.20 1.50
** receptor =B444+1 property boundary receptor: =C444+1
DISCCART 406922.435067382 3761066.19585286 825.30 1.50
** receptor =B445+1 property boundary receptor: =C445+1
DISCCART 406947.428221443 3761065.59597496 792.50 1.50
** receptor =B446+1 property boundary receptor: =C446+1
DISCCART 406972.421375505 3761064.99609706 774.10 1.50
** receptor =B447+1 property boundary receptor: =C447+1
DISCCART 406997.414529566 3761064.39621917 781.90 1.50
** receptor =B448+1 property boundary receptor: =C448+1
DISCCART 407021.129577761 3761061.73676049 827.00 1.50
** receptor =B449+1 property boundary receptor: =C449+1
DISCCART 407020.313239176 3761036.7518461 788.80 1.50
** receptor =B450+1 property boundary receptor: =C450+1
DISCCART 407019.496900591 3761011.76693171 840.40 1.50
** receptor =B451+1 property boundary receptor: =C451+1
DISCCART 407018.672316161 3760986.78201732 894.40 1.50
** receptor =B452+1 property boundary receptor: =C452+1
DISCCART 407017.855977576 3760961.78710496 947.50 1.50
** receptor =B453+1 property boundary receptor: =C453+1
DISCCART 407017.039638991 3760936.80219056 989.40 1.50
** receptor =B454+1 property boundary receptor: =C454+1
DISCCART 407016.215054561 3760911.81727617 1033.70 1.50
** receptor =B455+1 property boundary receptor: =C455+1
DISCCART 407015.398715976 3760886.83236178 1047.60 1.50
** receptor =B456+1 property boundary receptor: =C456+1
DISCCART 407014.58237739 3760861.84744738 1031.60 1.50
** receptor =B457+1 property boundary receptor: =C457+1
DISCCART 407013.757792961 3760836.86253299 1013.10 1.50
** receptor =B458+1 property boundary receptor: =C458+1
DISCCART 407012.941454375 3760811.86762063 1004.00 1.50
** receptor =B459+1 property boundary receptor: =C459+1
DISCCART 407012.12511579 3760786.88270624 991.50 1.50
** receptor =B460+1 property boundary receptor: =C460+1
DISCCART 407011.30053136 3760761.89779185 965.40 1.50
** receptor =B461+1 property boundary receptor: =C461+1
DISCCART 407010.484192775 3760736.91287745 929.60 1.50
** receptor =B462+1 property boundary receptor: =C462+1
DISCCART 407009.66785419 3760711.92796306 891.10 1.50
** receptor =B463+1 property boundary receptor: =C463+1
DISCCART 407008.84326976 3760686.94304867 843.80 1.50
** receptor =B464+1 property boundary receptor: =C464+1
DISCCART 407008.026931175 3760661.94813631 807.10 1.50
** receptor =B465+1 property boundary receptor: =C465+1
DISCCART 407031.923387945 3760661.55821568 770.20 1.50
** receptor =B466+1 property boundary receptor: =C466+1
DISCCART 407056.92478785 3760661.34825841 710.10 1.50
** receptor =B467+1 property boundary receptor: =C467+1
DISCCART 407081.926187756 3760661.14829912 721.00 1.50
** receptor =B468+1 property boundary receptor: =C468+1
DISCCART 407106.927587662 3760660.93834185 805.20 1.50
** receptor =B469+1 property boundary receptor: =C469+1
DISCCART 407131.920741723 3760660.73838255 854.60 1.50
** receptor =B470+1 property boundary receptor: =C470+1
DISCCART 407156.922141629 3760660.52842529 878.90 1.50
** receptor =B471+1 property boundary receptor: =C471+1
DISCCART 407181.923541534 3760660.32846599 925.90 1.50
** receptor =B472+1 property boundary receptor: =C472+1
DISCCART 407206.916695596 3760660.11850873 973.50 1.50
** receptor =B473+1 property boundary receptor: =C473+1
DISCCART 407231.918095501 3760659.90855146 1011.30 1.50

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Appendix B

NOx Annual Emissions Unmitigated

** receptor =B474+1 property boundary receptor: =C474+1
DISCCART 407256.919495407 3760659.70859216 1023.40 1.50
** receptor =B475+1 property boundary receptor: =C475+1
DISCCART 407281.920895313 3760659.4986349 1000.40 1.50
** receptor =B476+1 property boundary receptor: =C476+1
DISCCART 407306.914049374 3760659.2986756 962.40 1.50
** receptor =B477+1 property boundary receptor: =C477+1
DISCCART 407331.91544928 3760659.08871834 935.50 1.50
** receptor =B478+1 property boundary receptor: =C478+1
DISCCART 407356.916849185 3760658.88875904 958.90 1.50
** receptor =B479+1 property boundary receptor: =C479+1
DISCCART 407381.918249091 3760658.67880177 960.10 1.50
** receptor =B480+1 property boundary receptor: =C480+1
DISCCART 407406.911403152 3760658.47884248 955.30 1.50
** receptor =B481+1 property boundary receptor: =C481+1
DISCCART 407431.912803058 3760658.26888521 975.60 1.50
** receptor =B482+1 property boundary receptor: =C482+1
DISCCART 407456.914202963 3760658.06892591 989.10 1.50
** receptor =B483+1 property boundary receptor: =C483+1
DISCCART 407481.907357025 3760657.85896865 995.00 1.50
** receptor =B484+1 property boundary receptor: =C484+1
DISCCART 407506.90875693 3760657.64901139 964.70 1.50
** receptor =B485+1 property boundary receptor: =C485+1
DISCCART 407531.910156836 3760657.44905209 943.60 1.50
** receptor =B486+1 property boundary receptor: =C486+1
DISCCART 407556.911556741 3760657.23909482 0.00 1.50
** receptor =B487+1 property boundary receptor: =C487+1
DISCCART 407581.904710803 3760657.03913552 0.00 1.50
** receptor =B488+1 property boundary receptor: =C488+1
DISCCART 407606.906110708 3760656.82917826 0.00 1.50
** receptor =B489+1 property boundary receptor: =C489+1
DISCCART 407631.907510614 3760656.62921896 0.00 1.50
** receptor =B490+1 property boundary receptor: =C490+1
DISCCART 407656.90891052 3760656.4192617 0.00 1.50
** receptor =B491+1 property boundary receptor: =C491+1
DISCCART 407681.902064581 3760656.2193024 0.00 1.50
** receptor =B492+1 property boundary receptor: =C492+1
DISCCART 407706.903464487 3760656.00934513 0.00 1.50
** receptor =B493+1 property boundary receptor: =C493+1
DISCCART 407731.904864392 3760655.79938787 0.00 1.50
** receptor =B494+1 property boundary receptor: =C494+1
DISCCART 407756.898018454 3760655.59942857 0.00 1.50
** receptor =B495+1 property boundary receptor: =C495+1
DISCCART 407781.899418359 3760655.38947131 0.00 1.50
** receptor =B496+1 property boundary receptor: =C496+1
DISCCART 407806.900818265 3760655.18951201 0.00 1.50
** receptor =B497+1 property boundary receptor: =C497+1
DISCCART 407831.90221817 3760654.97955475 0.00 1.50
** receptor =B498+1 property boundary receptor: =C498+1
DISCCART 407856.895372232 3760654.77959545 0.00 1.50
** receptor =B499+1 property boundary receptor: =C499+1
DISCCART 407881.896772137 3760654.56963818 0.00 1.50
** receptor =B500+1 property boundary receptor: =C500+1
DISCCART 407906.898172043 3760654.36967888 0.00 1.50
** receptor =B501+1 property boundary receptor: =C501+1
DISCCART 407931.899571949 3760654.15972162 0.00 1.50
** receptor =B502+1 property boundary receptor: =C502+1
DISCCART 407956.89272601 3760653.95976232 0.00 1.50
** receptor =B503+1 property boundary receptor: =C503+1
DISCCART 407981.894125916 3760653.74980506 0.00 1.50
** receptor =B504+1 property boundary receptor: =C504+1
DISCCART 408006.895525821 3760653.53984779 0.00 1.50
** receptor =B505+1 property boundary receptor: =C505+1
DISCCART 408031.888679883 3760653.3398885 0.00 1.50
** receptor =B506+1 property boundary receptor: =C506+1
DISCCART 408056.890079788 3760653.12993123 0.00 1.50
** receptor =B507+1 property boundary receptor: =C507+1
DISCCART 408081.891479694 3760652.92997193 0.00 1.50
** receptor =B508+1 property boundary receptor: =C508+1
DISCCART 408106.892879599 3760652.72001467 0.00 1.50
** receptor =B509+1 property boundary receptor: =C509+1
DISCCART 408131.886033661 3760652.52005537 0.00 1.50
** receptor =B510+1 property boundary receptor: =C510+1
DISCCART 408156.887433566 3760652.31009811 0.00 1.50
** receptor =B511+1 property boundary receptor: =C511+1
DISCCART 408181.888833472 3760652.11013881 0.00 1.50

Appendix B

NOx Annual Emissions Unmitigated

** receptor =B512+1 property boundary receptor: =C512+1
DISCCART 408206.890233378 3760651.90018154 0.00 1.50
** receptor =B513+1 property boundary receptor: =C513+1
DISCCART 408225.740233438 3760644.93159998 0.00 1.50
** receptor =B514+1 property boundary receptor: =C514+1
DISCCART 408224.940386542 3760619.93668762 0.00 1.50
** receptor =B515+1 property boundary receptor: =C515+1
DISCCART 408224.148785489 3760594.95177323 0.00 1.50
** receptor =B516+1 property boundary receptor: =C516+1
DISCCART 408223.348938593 3760569.96685883 0.00 1.50
** receptor =B517+1 property boundary receptor: =C517+1
DISCCART 408222.549091696 3760544.98194444 0.00 1.50
** receptor =B518+1 property boundary receptor: =C518+1
DISCCART 408221.749244799 3760519.98703208 0.00 1.50
** receptor =B519+1 property boundary receptor: =C519+1
DISCCART 408220.949397902 3760495.00211769 0.00 1.50
** receptor =B520+1 property boundary receptor: =C520+1
DISCCART 408220.149551006 3760470.0172033 0.00 1.50
** receptor =B521+1 property boundary receptor: =C521+1
DISCCART 408219.349704109 3760445.0322889 0.00 1.50
** receptor =B522+1 property boundary receptor: =C522+1
DISCCART 408218.549857212 3760420.03737655 0.00 1.50
** receptor =B523+1 property boundary receptor: =C523+1
DISCCART 408217.750010316 3760395.05246215 0.00 1.50
** receptor =B524+1 property boundary receptor: =C524+1
DISCCART 408216.950163419 3760370.06754776 0.00 1.50
** receptor =B525+1 property boundary receptor: =C525+1
DISCCART 408216.150316522 3760345.08263337 0.00 1.50
** receptor =B526+1 property boundary receptor: =C526+1
DISCCART 408215.350469625 3760320.09771897 0.00 1.50
** receptor =B527+1 property boundary receptor: =C527+1
DISCCART 408214.558868573 3760295.10280662 0.00 1.50
** receptor =B528+1 property boundary receptor: =C528+1
DISCCART 408213.759021676 3760270.11789223 0.00 1.50
** receptor =B529+1 property boundary receptor: =C529+1
DISCCART 408212.95917478 3760245.13297783 0.00 1.50
** receptor =B530+1 property boundary receptor: =C530+1
DISCCART 408212.159327883 3760220.14806344 0.00 1.50
** receptor =B531+1 property boundary receptor: =C531+1
DISCCART 408211.359480986 3760195.15315108 0.00 1.50
** receptor =B532+1 property boundary receptor: =C532+1
DISCCART 408210.559634089 3760170.16823669 0.00 1.50
** receptor =B533+1 property boundary receptor: =C533+1
DISCCART 408209.759787193 3760145.18332229 0.00 1.50
** receptor =B534+1 property boundary receptor: =C534+1
DISCCART 408208.959940296 3760120.1984079 0.00 1.50
** receptor =B535+1 property boundary receptor: =C535+1
DISCCART 408208.160093399 3760095.20349554 0.00 1.50
** receptor =B536+1 property boundary receptor: =C536+1
DISCCART 408207.360246503 3760070.21858115 0.00 1.50
** receptor =B537+1 property boundary receptor: =C537+1
DISCCART 408206.560399606 3760045.23366676 0.00 1.50
** receptor =B538+1 property boundary receptor: =C538+1
DISCCART 408205.760552709 3760020.24875237 0.00 1.50
** receptor =B539+1 property boundary receptor: =C539+1
DISCCART 408204.968951657 3759995.26383797 0.00 1.50
** receptor =B540+1 property boundary receptor: =C540+1
DISCCART 408204.16910476 3759970.26892561 0.00 1.50
** receptor =B541+1 property boundary receptor: =C541+1
DISCCART 408203.369257863 3759945.28401122 0.00 1.50
** receptor =B542+1 property boundary receptor: =C542+1
DISCCART 408202.569410967 3759920.29909683 0.00 1.50
** receptor =B543+1 property boundary receptor: =C543+1
DISCCART 408201.76956407 3759895.31418244 0.00 1.50
** receptor =B544+1 property boundary receptor: =C544+1
DISCCART 408200.969717173 3759870.31927008 0.00 1.50
** receptor =B545+1 property boundary receptor: =C545+1
DISCCART 408201.579909651 3759847.54390594 0.00 1.50
** receptor =B546+1 property boundary receptor: =C546+1
DISCCART 408226.573063712 3759847.1539853 0.00 1.50
** receptor =B547+1 property boundary receptor: =C547+1
DISCCART 408251.574463618 3759846.76406467 0.00 1.50
** receptor =B548+1 property boundary receptor: =C548+1
DISCCART 408276.567617679 3759846.37414404 0.00 1.50
** receptor =B549+1 property boundary receptor: =C549+1
DISCCART 408301.569017585 3759845.98422341 0.00 1.50

Appendix B

NOx Annual Emissions Unmitigated

** receptor =B550+1 property boundary receptor: =C550+1
DISCCART 408326.562171646 3759845.59430277 0.00 1.50
** receptor =B551+1 property boundary receptor: =C551+1
DISCCART 408351.563571552 3759845.20438214 0.00 1.50
** receptor =B552+1 property boundary receptor: =C552+1
DISCCART 408376.556725613 3759844.81446151 0.00 1.50
** receptor =B553+1 property boundary receptor: =C553+1
DISCCART 408401.549879674 3759844.42454087 0.00 1.50
** receptor =B554+1 property boundary receptor: =C554+1
DISCCART 408426.55127958 3759844.04461821 0.00 1.50
** receptor =B555+1 property boundary receptor: =C555+1
DISCCART 408451.544433641 3759843.65469757 0.00 1.50
** receptor =B556+1 property boundary receptor: =C556+1
DISCCART 408476.545833547 3759843.26477694 0.00 1.50
** receptor =B557+1 property boundary receptor: =C557+1
DISCCART 408501.538987608 3759842.87485631 0.00 1.50
** receptor =B558+1 property boundary receptor: =C558+1
DISCCART 408526.540387514 3759842.48493568 0.00 1.50
** receptor =B559+1 property boundary receptor: =C559+1
DISCCART 408551.533541575 3759842.09501504 0.00 1.50
** receptor =B560+1 property boundary receptor: =C560+1
DISCCART 408576.534941481 3759841.70509441 0.00 1.50
** receptor =B561+1 property boundary receptor: =C561+1
DISCCART 408601.528095542 3759841.31517378 0.00 1.50
** receptor =B562+1 property boundary receptor: =C562+1
DISCCART 408626.529495448 3759840.93525111 0.00 1.50
** receptor =B563+1 property boundary receptor: =C563+1
DISCCART 408651.522649509 3759840.54533048 0.00 1.50
** receptor =B564+1 property boundary receptor: =C564+1
DISCCART 408676.524049415 3759840.15540984 0.00 1.50
** receptor =B565+1 property boundary receptor: =C565+1
DISCCART 408701.517203476 3759839.76548921 0.00 1.50
** receptor =B566+1 property boundary receptor: =C566+1
DISCCART 408726.510357538 3759839.37556858 0.00 1.50
** receptor =B567+1 property boundary receptor: =C567+1
DISCCART 408751.511757443 3759838.98564795 0.00 1.50
** receptor =B568+1 property boundary receptor: =C568+1
DISCCART 408776.504911504 3759838.59572731 0.00 1.50
** receptor =B569+1 property boundary receptor: =C569+1
DISCCART 408801.506311141 3759838.20580668 0.00 1.50
** receptor =B570+1 property boundary receptor: =C570+1
DISCCART 408826.499465471 3759837.81588605 0.00 1.50
** receptor =B571+1 property boundary receptor: =C571+1
DISCCART 408851.500865377 3759837.43596338 0.00 1.50
** receptor =B572+1 property boundary receptor: =C572+1
DISCCART 408876.494019438 3759837.04604275 0.00 1.50
** receptor =B573+1 property boundary receptor: =C573+1
DISCCART 408901.495419344 3759836.65612211 0.00 1.50
** receptor =B574+1 property boundary receptor: =C574+1
DISCCART 408926.488573405 3759836.26620148 0.00 1.50
** receptor =B575+1 property boundary receptor: =C575+1
DISCCART 408951.489973311 3759835.87628085 0.00 1.50
** receptor =B576+1 property boundary receptor: =C576+1
DISCCART 408976.483127372 3759835.48636022 0.00 1.50
** receptor =B577+1 property boundary receptor: =C577+1
DISCCART 409001.484527278 3759835.09643958 0.00 1.50
** receptor =B578+1 property boundary receptor: =C578+1
DISCCART 409026.477681339 3759834.70651895 0.00 1.50
** receptor =B579+1 property boundary receptor: =C579+1
DISCCART 409051.479081245 3759834.31659832 0.00 1.50
** receptor =B580+1 property boundary receptor: =C580+1
DISCCART 409076.472235306 3759833.93667565 0.00 1.50
** receptor =B581+1 property boundary receptor: =C581+1
DISCCART 409101.465389368 3759833.58674688 0.00 1.50
** receptor =B582+1 property boundary receptor: =C582+1
DISCCART 409126.466789273 3759833.25681403 0.00 1.50
** receptor =B583+1 property boundary receptor: =C583+1
DISCCART 409151.468189179 3759832.91688323 0.00 1.50
** receptor =B584+1 property boundary receptor: =C584+1
DISCCART 409176.46134324 3759832.58695038 0.00 1.50
** receptor =B585+1 property boundary receptor: =C585+1
DISCCART 409201.462743146 3759832.24701957 0.00 1.50
** receptor =B586+1 property boundary receptor: =C586+1
DISCCART 409226.455897207 3759831.91708673 0.00 1.50
** receptor =B587+1 property boundary receptor: =C587+1
DISCCART 409251.457297113 3759831.57715592 0.00 1.50

Appendix B

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** receptor =B588+1 property boundary receptor: =C588+1
DISCCART 409276.450451174 3759831.24722308 0.00 1.50
** receptor =B589+1 property boundary receptor: =C589+1
DISCCART 409301.45185108 3759830.90729227 0.00 1.50
** receptor =B590+1 property boundary receptor: =C590+1
DISCCART 409326.445005141 3759830.57735943 0.00 1.50
** receptor =B591+1 property boundary receptor: =C591+1
DISCCART 409351.446405047 3759830.23742862 0.00 1.50
** receptor =B592+1 property boundary receptor: =C592+1
DISCCART 409376.447804952 3759829.90749578 0.00 1.50
** receptor =B593+1 property boundary receptor: =C593+1
DISCCART 409401.440959014 3759829.56756497 0.00 1.50
** receptor =B594+1 property boundary receptor: =C594+1
DISCCART 409426.442358919 3759829.23763213 0.00 1.50
** receptor =B595+1 property boundary receptor: =C595+1
DISCCART 409451.43551298 3759828.89770132 0.00 1.50
** receptor =B596+1 property boundary receptor: =C596+1
DISCCART 409476.436912886 3759828.56776847 0.00 1.50
** receptor =B597+1 property boundary receptor: =C597+1
DISCCART 409501.430066947 3759828.22783767 0.00 1.50
** receptor =B598+1 property boundary receptor: =C598+1
DISCCART 409526.431466853 3759827.89790482 0.00 1.50
** receptor =B599+1 property boundary receptor: =C599+1
DISCCART 409551.424620914 3759827.55797402 0.00 1.50
** receptor =B600+1 property boundary receptor: =C600+1
DISCCART 409576.42602082 3759827.22804117 0.00 1.50
** receptor =B601+1 property boundary receptor: =C601+1
DISCCART 409601.427420726 3759826.88811036 0.00 1.50
** receptor =B602+1 property boundary receptor: =C602+1
DISCCART 409626.420574787 3759826.55817752 0.00 1.50
** receptor =B603+1 property boundary receptor: =C603+1
DISCCART 409651.421974693 3759826.21824671 0.00 1.50
** receptor =B604+1 property boundary receptor: =C604+1
DISCCART 409676.415128754 3759825.88831387 0.00 1.50
** receptor =B605+1 property boundary receptor: =C605+1
DISCCART 409700.872302936 3759821.52920115 0.00 1.50
** receptor =B606+1 property boundary receptor: =C606+1
DISCCART 409724.579105287 3759813.61081292 0.00 1.50
** receptor =B607+1 property boundary receptor: =C607+1
DISCCART 409748.294153483 3759805.68242672 0.00 1.50
** receptor =B608+1 property boundary receptor: =C608+1
DISCCART 409772.000955834 3759797.76403848 0.00 1.50

** SENSITIVE RECEPTORS

** receptor 1001 (sensitive receptor: T1)
DISCCART 407390.947448644 3759093.38741401 454.30 1.50
** receptor =B9+1 (sensitive receptor: T2)
DISCCART 407365.137955997 3759080.33007179 454.60 1.50
** receptor =B10+1 (sensitive receptor: T3)
DISCCART 407339.781984787 3759067.38270719 459.10 1.50
** receptor =B11+1 (sensitive receptor: T4)
DISCCART 407316.602916471 3759058.85444309 463.60 1.50
** receptor =B12+1 (sensitive receptor: T5)
DISCCART 407283.190755383 3759053.07561936 473.50 1.50
** receptor =B13+1 (sensitive receptor: T6)
DISCCART 407252.936752661 3759048.82648426 475.60 1.50
** receptor =B14+1 (sensitive receptor: T7)
DISCCART 407225.675991418 3759048.53654327 475.60 1.50
** receptor =B15+1 (sensitive receptor: T8)
DISCCART 407196.955715735 3759049.9262604 471.40 1.50
** receptor =B16+1 (sensitive receptor: T9)
DISCCART 407179.012758547 3759047.99665316 465.50 1.50
** receptor =B17+1 (sensitive receptor: T10)
DISCCART 407162.817920349 3759027.3108637 462.40 1.50
** receptor =B18+1 (sensitive receptor: T11)
DISCCART 407144.116345486 3759003.98561149 454.10 1.50
** receptor =B19+1 (sensitive receptor: T12)
DISCCART 407126.461992848 3758984.74952693 443.30 1.50
** receptor =B20+1 (sensitive receptor: T13)
DISCCART 407105.781415354 3758967.54302927 438.30 1.50
** receptor =B21+1 (sensitive receptor: T14)
DISCCART 407088.160046093 3758951.85622227 437.90 1.50
** receptor =B22+1 (sensitive receptor: T15)
DISCCART 407069.524437984 3758935.17961675 437.10 1.50
** receptor =B23+1 (sensitive receptor: T16)

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** DISCCART	407049.30562777	3758918.52300715	436.10	1.50
** receptor	=B24+1 (sensitive	receptor: T17)		
** DISCCART	407036.326668848	3758904.9057789	432.80	1.50
** receptor	=B25+1 (sensitive	receptor: T18)		
** DISCCART	407039.682727476	3758879.36097847	436.20	1.50
** receptor	=B26+1 (sensitive	receptor: T19)		
** DISCCART	407046.642220062	3758854.23609257	429.40	1.50
** receptor	=B27+1 (sensitive	receptor: T20)		
** DISCCART	407052.496769513	3758829.11120666	426.40	1.50
** receptor	=B28+1 (sensitive	receptor: T21)		
** DISCCART	407055.861073985	3758804.57620069	422.10	1.50
** receptor	=B29+1 (sensitive	receptor: T22)		
** DISCCART	407059.233624302	3758781.58088132	416.60	1.50
** receptor	=B30+1 (sensitive	receptor: T23)		
** DISCCART	407066.250837798	3758771.76287975	414.60	1.50
** receptor	=B31+1 (sensitive	receptor: T24)		
** DISCCART	407073.952456371	3758765.02425138	410.50	1.50
** receptor	=B32+1 (sensitive	receptor: T25)		
** DISCCART	407083.138326917	3758759.39539712	407.30	1.50
** receptor	=B33+1 (sensitive	receptor: T26)		
** DISCCART	407094.377412692	3758756.73593844	406.70	1.50
** receptor	=B34+1 (sensitive	receptor: T27)		
** DISCCART	407109.327128401	3758764.23441215	408.90	1.50
** receptor	=B35+1 (sensitive	receptor: T28)		
** DISCCART	407134.58414948	3758776.74186629	408.20	1.50
** receptor	=B36+1 (sensitive	receptor: T29)		
** DISCCART	407157.820938706	3758790.81900093	411.00	1.50
** receptor	=B37+1 (sensitive	receptor: T30)		
** DISCCART	407181.601953656	3758803.33645304	415.10	1.50
** receptor	=B38+1 (sensitive	receptor: T31)		
** DISCCART	407205.374722761	3758815.86390311	418.10	1.50
** receptor	=B39+1 (sensitive	receptor: T32)		
** DISCCART	407230.681218906	3758833.47031938	425.00	1.50
** receptor	=B40+1 (sensitive	receptor: T33)		
** DISCCART	407254.025204108	3758858.3052643	428.30	1.50
** receptor	=B41+1 (sensitive	receptor: T34)		
** DISCCART	407272.693795594	3758877.52135292	428.60	1.50
** receptor	2001 (sensitive	receptor: C1)		
** DISCCART	405962.503349551	3758512.50565081	301.80	1.50
** receptor	=B43+1 (sensitive	receptor: C2)		
** DISCCART	405962.503349551	3758487.50074049	298.50	1.50
** receptor	=B44+1 (sensitive	receptor: C3)		
** DISCCART	405962.503349551	3758462.50582813	298.50	1.50
** receptor	=B45+1 (sensitive	receptor: C4)		
** DISCCART	405962.503349551	3758437.50091781	298.50	1.50
** receptor	=B46+1 (sensitive	receptor: C5)		
** DISCCART	405962.503349551	3758412.50600545	296.10	1.50
** receptor	=B47+1 (sensitive	receptor: C6)		
** DISCCART	405962.503349551	3758387.50109513	296.10	1.50
** receptor	=B48+1 (sensitive	receptor: C7)		
** DISCCART	405962.503349551	3758362.50618277	295.20	1.50
** receptor	=B49+1 (sensitive	receptor: C8)		
** DISCCART	405962.503349551	3758337.50127244	295.20	1.50
** receptor	=B50+1 (sensitive	receptor: C9)		
** DISCCART	405962.503349551	3758312.50636009	295.20	1.50
** receptor	=B51+1 (sensitive	receptor: C10)		
** DISCCART	405962.503349551	3758287.50144976	295.20	1.50
** receptor	=B52+1 (sensitive	receptor: C11)		
** DISCCART	405962.503349551	3758262.50653741	295.20	1.50
** receptor	=B53+1 (sensitive	receptor: C12)		
** DISCCART	405962.503349551	3758237.50162708	292.80	1.50
** receptor	=B54+1 (sensitive	receptor: C13)		
** DISCCART	405962.503349551	3758212.50671473	292.40	1.50
** receptor	=B55+1 (sensitive	receptor: C14)		
** DISCCART	405962.503349551	3758187.5018044	291.90	1.50
** receptor	=B56+1 (sensitive	receptor: C15)		
** DISCCART	405962.503349551	3758162.50689204	291.90	1.50
** receptor	=B57+1 (sensitive	receptor: C16)		
** DISCCART	405962.503349551	3758137.50198172	289.60	1.50
** receptor	=B58+1 (sensitive	receptor: C17)		
** DISCCART	405987.496503612	3758512.50565081	304.30	1.50
** receptor	=B59+1 (sensitive	receptor: C18)		
** DISCCART	405987.496503612	3758487.50074049	301.80	1.50
** receptor	=B60+1 (sensitive	receptor: C19)		
** DISCCART	405987.496503612	3758462.50582813	299.70	1.50
** receptor	=B61+1 (sensitive	receptor: C20)		

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** DISCCART	405987.496503612	3758437.50091781	298.50	1.50
** receptor	=B62+1 (sensitive	receptor: C21)		
** DISCCART	405987.496503612	3758412.50600545	298.50	1.50
** receptor	=B63+1 (sensitive	receptor: C22)		
** DISCCART	405987.496503612	3758387.50109513	298.50	1.50
** receptor	=B64+1 (sensitive	receptor: C23)		
** DISCCART	405987.496503612	3758362.50618277	298.50	1.50
** receptor	=B65+1 (sensitive	receptor: C24)		
** DISCCART	405987.496503612	3758337.50127244	298.50	1.50
** receptor	=B66+1 (sensitive	receptor: C25)		
** DISCCART	405987.496503612	3758312.50636009	298.50	1.50
** receptor	=B67+1 (sensitive	receptor: C26)		
** DISCCART	405987.496503612	3758287.50144976	298.50	1.50
** receptor	=B68+1 (sensitive	receptor: C27)		
** DISCCART	405987.496503612	3758262.50653741	297.80	1.50
** receptor	=B69+1 (sensitive	receptor: C28)		
** DISCCART	405987.496503612	3758237.50162708	295.20	1.50
** receptor	=B70+1 (sensitive	receptor: C29)		
** DISCCART	405987.496503612	3758212.50671473	295.20	1.50
** receptor	=B71+1 (sensitive	receptor: C30)		
** DISCCART	405987.496503612	3758187.5018044	294.50	1.50
** receptor	=B72+1 (sensitive	receptor: C31)		
** DISCCART	405987.496503612	3758162.50689204	293.10	1.50
** receptor	=B73+1 (sensitive	receptor: C32)		
** DISCCART	405987.496503612	3758137.50198172	291.90	1.50
** receptor	=B74+1 (sensitive	receptor: C33)		
** DISCCART	406012.497903518	3758512.50565081	305.50	1.50
** receptor	=B75+1 (sensitive	receptor: C34)		
** DISCCART	406012.497903518	3758487.50074049	305.00	1.50
** receptor	=B76+1 (sensitive	receptor: C35)		
** DISCCART	406012.497903518	3758462.50582813	302.20	1.50
** receptor	=B77+1 (sensitive	receptor: C36)		
** DISCCART	406012.497903518	3758437.50091781	301.80	1.50
** receptor	=B78+1 (sensitive	receptor: C37)		
** DISCCART	406012.497903518	3758412.50600545	301.80	1.50
** receptor	=B79+1 (sensitive	receptor: C38)		
** DISCCART	406012.497903518	3758387.50109513	299.40	1.50
** receptor	=B80+1 (sensitive	receptor: C39)		
** DISCCART	406012.497903518	3758362.50618277	299.40	1.50
** receptor	=B81+1 (sensitive	receptor: C40)		
** DISCCART	406012.497903518	3758337.50127244	299.50	1.50
** receptor	=B82+1 (sensitive	receptor: C41)		
** DISCCART	406012.497903518	3758312.50636009	300.50	1.50
** receptor	=B83+1 (sensitive	receptor: C42)		
** DISCCART	406012.497903518	3758287.50144976	299.40	1.50
** receptor	=B84+1 (sensitive	receptor: C43)		
** DISCCART	406012.497903518	3758262.50653741	298.50	1.50
** receptor	=B85+1 (sensitive	receptor: C44)		
** DISCCART	406012.497903518	3758237.50162708	298.50	1.50
** receptor	=B86+1 (sensitive	receptor: C45)		
** DISCCART	406012.497903518	3758212.50671473	298.50	1.50
** receptor	=B87+1 (sensitive	receptor: C46)		
** DISCCART	406012.497903518	3758187.5018044	296.10	1.50
** receptor	=B88+1 (sensitive	receptor: C47)		
** DISCCART	406012.497903518	3758162.50689204	295.20	1.50
** receptor	=B89+1 (sensitive	receptor: C48)		
** DISCCART	406012.497903518	3758137.50198172	295.20	1.50
** receptor	=B90+1 (sensitive	receptor: C49)		
** DISCCART	406037.499303424	3758512.50565081	308.30	1.50
** receptor	=B91+1 (sensitive	receptor: C50)		
** DISCCART	406037.499303424	3758487.50074049	307.50	1.50
** receptor	=B92+1 (sensitive	receptor: C51)		
** DISCCART	406037.499303424	3758462.50582813	305.00	1.50
** receptor	=B93+1 (sensitive	receptor: C52)		
** DISCCART	406037.499303424	3758437.50091781	305.00	1.50
** receptor	=B94+1 (sensitive	receptor: C53)		
** DISCCART	406037.499303424	3758412.50600545	304.30	1.50
** receptor	=B95+1 (sensitive	receptor: C54)		
** DISCCART	406037.499303424	3758387.50109513	301.80	1.50
** receptor	=B96+1 (sensitive	receptor: C55)		
** DISCCART	406037.499303424	3758362.50618277	301.80	1.50
** receptor	=B97+1 (sensitive	receptor: C56)		
** DISCCART	406037.499303424	3758337.50127244	301.80	1.50
** receptor	=B98+1 (sensitive	receptor: C57)		
** DISCCART	406037.499303424	3758312.50636009	301.80	1.50
** receptor	=B99+1 (sensitive	receptor: C58)		

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DISCCART	406037.499303424	3758287.50144976	301.80	1.50
** receptor	=B100+1 (sensitive receptor: C59)			
DISCCART	406037.499303424	3758262.50653741	301.80	1.50
** receptor	=B101+1 (sensitive receptor: C60)			
DISCCART	406037.499303424	3758237.50162708	301.00	1.50
** receptor	=B102+1 (sensitive receptor: C61)			
DISCCART	406037.499303424	3758212.50671473	298.50	1.50
** receptor	=B103+1 (sensitive receptor: C62)			
DISCCART	406037.499303424	3758187.5018044	298.50	1.50
** receptor	=B104+1 (sensitive receptor: C63)			
DISCCART	406037.499303424	3758162.50689204	298.50	1.50
** receptor	=B105+1 (sensitive receptor: C64)			
DISCCART	406037.499303424	3758137.50198172	298.50	1.50
** receptor	=B106+1 (sensitive receptor: C65)			
DISCCART	406062.500703329	3758512.50565081	311.60	1.50
** receptor	=B107+1 (sensitive receptor: C66)			
DISCCART	406062.500703329	3758487.50074049	309.20	1.50
** receptor	=B108+1 (sensitive receptor: C67)			
DISCCART	406062.500703329	3758462.50582813	308.30	1.50
** receptor	=B109+1 (sensitive receptor: C68)			
DISCCART	406062.500703329	3758437.50091781	306.00	1.50
** receptor	=B110+1 (sensitive receptor: C69)			
DISCCART	406062.500703329	3758412.50600545	305.50	1.50
** receptor	=B111+1 (sensitive receptor: C70)			
DISCCART	406062.500703329	3758387.50109513	305.00	1.50
** receptor	=B112+1 (sensitive receptor: C71)			
DISCCART	406062.500703329	3758362.50618277	305.00	1.50
** receptor	=B113+1 (sensitive receptor: C72)			
DISCCART	406062.500703329	3758337.50127244	305.00	1.50
** receptor	=B114+1 (sensitive receptor: C73)			
DISCCART	406062.500703329	3758312.50636009	305.00	1.50
** receptor	=B115+1 (sensitive receptor: C74)			
DISCCART	406062.500703329	3758287.50144976	305.00	1.50
** receptor	=B116+1 (sensitive receptor: C75)			
DISCCART	406062.500703329	3758262.50653741	303.80	1.50
** receptor	=B117+1 (sensitive receptor: C76)			
DISCCART	406062.500703329	3758237.50162708	302.70	1.50
** receptor	=B118+1 (sensitive receptor: C77)			
DISCCART	406062.500703329	3758212.50671473	301.80	1.50
** receptor	=B119+1 (sensitive receptor: C78)			
DISCCART	406062.500703329	3758187.5018044	299.40	1.50
** receptor	=B120+1 (sensitive receptor: C79)			
DISCCART	406062.500703329	3758162.50689204	298.90	1.50
** receptor	=B121+1 (sensitive receptor: C80)			
DISCCART	406062.500703329	3758137.50198172	299.40	1.50
** receptor	=B122+1 (sensitive receptor: C81)			
DISCCART	406087.502103235	3758512.50565081	311.60	1.50
** receptor	=B123+1 (sensitive receptor: C82)			
DISCCART	406087.502103235	3758487.50074049	311.60	1.50
** receptor	=B124+1 (sensitive receptor: C83)			
DISCCART	406087.502103235	3758462.50582813	311.20	1.50
** receptor	=B125+1 (sensitive receptor: C84)			
DISCCART	406087.502103235	3758437.50091781	308.30	1.50
** receptor	=B126+1 (sensitive receptor: C85)			
DISCCART	406087.502103235	3758412.50600545	308.30	1.50
** receptor	=B127+1 (sensitive receptor: C86)			
DISCCART	406087.502103235	3758387.50109513	308.30	1.50
** receptor	=B128+1 (sensitive receptor: C87)			
DISCCART	406087.502103235	3758362.50618277	308.30	1.50
** receptor	=B129+1 (sensitive receptor: C88)			
DISCCART	406087.502103235	3758337.50127244	307.60	1.50
** receptor	=B130+1 (sensitive receptor: C89)			
DISCCART	406087.502103235	3758312.50636009	307.60	1.50
** receptor	=B131+1 (sensitive receptor: C90)			
DISCCART	406087.502103235	3758287.50144976	307.50	1.50
** receptor	=B132+1 (sensitive receptor: C91)			
DISCCART	406087.502103235	3758262.50653741	305.00	1.50
** receptor	=B133+1 (sensitive receptor: C92)			
DISCCART	406087.502103235	3758237.50162708	305.00	1.50
** receptor	=B134+1 (sensitive receptor: C93)			
DISCCART	406087.502103235	3758212.50671473	304.30	1.50
** receptor	=B135+1 (sensitive receptor: C94)			
DISCCART	406087.502103235	3758187.5018044	301.80	1.50
** receptor	=B136+1 (sensitive receptor: C95)			
DISCCART	406087.502103235	3758162.50689204	301.80	1.50
** receptor	=B137+1 (sensitive receptor: C96)			

Appendix B

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** DISCCART	406087.502103235	3758137.50198172	301.80	1.50
** receptor	=B138+1 (sensitive receptor: C97)			
** DISCCART	406112.495257296	3758512.50565081	314.90	1.50
** receptor	=B139+1 (sensitive receptor: C98)			
** DISCCART	406112.495257296	3758487.50074049	314.80	1.50
** receptor	=B140+1 (sensitive receptor: C99)			
** DISCCART	406112.495257296	3758462.50582813	312.00	1.50
** receptor	=B141+1 (sensitive receptor: C100)			
** DISCCART	406112.495257296	3758437.50091781	311.60	1.50
** receptor	=B142+1 (sensitive receptor: C101)			
** DISCCART	406112.495257296	3758412.50600545	311.60	1.50
** receptor	=B143+1 (sensitive receptor: C102)			
** DISCCART	406112.495257296	3758387.50109513	309.20	1.50
** receptor	=B144+1 (sensitive receptor: C103)			
** DISCCART	406112.495257296	3758362.50618277	309.20	1.50
** receptor	=B145+1 (sensitive receptor: C104)			
** DISCCART	406112.495257296	3758337.50127244	309.20	1.50
** receptor	=B146+1 (sensitive receptor: C105)			
** DISCCART	406112.495257296	3758312.50636009	308.30	1.50
** receptor	=B147+1 (sensitive receptor: C106)			
** DISCCART	406112.495257296	3758287.50144976	308.30	1.50
** receptor	=B148+1 (sensitive receptor: C107)			
** DISCCART	406112.495257296	3758262.50653741	308.30	1.50
** receptor	=B149+1 (sensitive receptor: C108)			
** DISCCART	406112.495257296	3758237.50162708	308.30	1.50
** receptor	=B150+1 (sensitive receptor: C109)			
** DISCCART	406112.495257296	3758212.50671473	306.00	1.50
** receptor	=B151+1 (sensitive receptor: C110)			
** DISCCART	406112.495257296	3758187.5018044	306.00	1.50
** receptor	=B152+1 (sensitive receptor: C111)			
** DISCCART	406112.495257296	3758162.50689204	305.00	1.50
** receptor	=B153+1 (sensitive receptor: C112)			
** DISCCART	406112.495257296	3758137.50198172	305.00	1.50
** receptor	=B154+1 (sensitive receptor: C113)			
** DISCCART	406137.496657202	3758512.50565081	318.20	1.50
** receptor	=B155+1 (sensitive receptor: C114)			
** DISCCART	406137.496657202	3758487.50074049	314.90	1.50
** receptor	=B156+1 (sensitive receptor: C115)			
** DISCCART	406137.496657202	3758462.50582813	314.90	1.50
** receptor	=B157+1 (sensitive receptor: C116)			
** DISCCART	406137.496657202	3758437.50091781	314.10	1.50
** receptor	=B158+1 (sensitive receptor: C117)			
** DISCCART	406137.496657202	3758412.50600545	311.60	1.50
** receptor	=B159+1 (sensitive receptor: C118)			
** DISCCART	406137.496657202	3758387.50109513	311.60	1.50
** receptor	=B160+1 (sensitive receptor: C119)			
** DISCCART	406137.496657202	3758362.50618277	311.60	1.50
** receptor	=B161+1 (sensitive receptor: C120)			
** DISCCART	406137.496657202	3758337.50127244	311.60	1.50
** receptor	=B162+1 (sensitive receptor: C121)			
** DISCCART	406137.496657202	3758312.50636009	311.60	1.50
** receptor	=B163+1 (sensitive receptor: C122)			
** DISCCART	406137.496657202	3758287.50144976	311.60	1.50
** receptor	=B164+1 (sensitive receptor: C123)			
** DISCCART	406137.496657202	3758262.50653741	310.90	1.50
** receptor	=B165+1 (sensitive receptor: C124)			
** DISCCART	406137.496657202	3758237.50162708	310.90	1.50
** receptor	=B166+1 (sensitive receptor: C125)			
** DISCCART	406137.496657202	3758212.50671473	309.50	1.50
** receptor	=B167+1 (sensitive receptor: C126)			
** DISCCART	406137.496657202	3758187.5018044	308.30	1.50
** receptor	=B168+1 (sensitive receptor: C127)			
** DISCCART	406137.496657202	3758162.50689204	308.30	1.50
** receptor	=B169+1 (sensitive receptor: C128)			
** DISCCART	406137.496657202	3758137.50198172	308.30	1.50
** receptor	=B170+1 (sensitive receptor: C129)			
** DISCCART	406162.498057107	3758512.50565081	320.20	1.50
** receptor	=B171+1 (sensitive receptor: C130)			
** DISCCART	406162.498057107	3758487.50074049	318.20	1.50
** receptor	=B172+1 (sensitive receptor: C131)			
** DISCCART	406162.498057107	3758462.50582813	316.90	1.50
** receptor	=B173+1 (sensitive receptor: C132)			
** DISCCART	406162.498057107	3758437.50091781	314.90	1.50
** receptor	=B174+1 (sensitive receptor: C133)			
** DISCCART	406162.498057107	3758412.50600545	314.90	1.50
** receptor	=B175+1 (sensitive receptor: C134)			

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** receptor	DISCCART	406162.498057107	3758387.50109513	314.90	1.50
	=B176+1 (sensitive receptor: C135)				
** receptor	DISCCART	406162.498057107	3758362.50618277	312.50	1.50
	=B177+1 (sensitive receptor: C136)				
** receptor	DISCCART	406162.498057107	3758337.50127244	312.50	1.50
	=B178+1 (sensitive receptor: C137)				
** receptor	DISCCART	406162.498057107	3758312.50636009	312.00	1.50
	=B179+1 (sensitive receptor: C138)				
** receptor	DISCCART	406162.498057107	3758287.50144976	311.60	1.50
	=B180+1 (sensitive receptor: C139)				
** receptor	DISCCART	406162.498057107	3758262.50653741	311.60	1.50
	=B181+1 (sensitive receptor: C140)				
** receptor	DISCCART	406162.498057107	3758237.50162708	311.60	1.50
	=B182+1 (sensitive receptor: C141)				
** receptor	DISCCART	406162.498057107	3758212.50671473	311.60	1.50
	=B183+1 (sensitive receptor: C142)				
** receptor	DISCCART	406162.498057107	3758187.5018044	311.60	1.50
	=B184+1 (sensitive receptor: C143)				
** receptor	DISCCART	406162.498057107	3758162.50689204	311.60	1.50
	=B185+1 (sensitive receptor: C144)				
** receptor	DISCCART	406162.498057107	3758137.50198172	311.60	1.50
	=B186+1 (sensitive receptor: C145)				
** receptor	DISCCART	406187.499457013	3758512.50565081	321.40	1.50
	=B187+1 (sensitive receptor: C146)				
** receptor	DISCCART	406187.499457013	3758487.50074049	320.70	1.50
	=B188+1 (sensitive receptor: C147)				
** receptor	DISCCART	406187.499457013	3758462.50582813	318.20	1.50
	=B189+1 (sensitive receptor: C148)				
** receptor	DISCCART	406187.499457013	3758437.50091781	318.20	1.50
	=B190+1 (sensitive receptor: C149)				
** receptor	DISCCART	406187.499457013	3758412.50600545	317.80	1.50
	=B191+1 (sensitive receptor: C150)				
** receptor	DISCCART	406187.499457013	3758387.50109513	317.40	1.50
	=B192+1 (sensitive receptor: C151)				
** receptor	DISCCART	406187.499457013	3758362.50618277	314.90	1.50
	=B193+1 (sensitive receptor: C152)				
** receptor	DISCCART	406187.499457013	3758337.50127244	314.90	1.50
	=B194+1 (sensitive receptor: C153)				
** receptor	DISCCART	406187.499457013	3758312.50636009	314.90	1.50
	=B195+1 (sensitive receptor: C154)				
** receptor	DISCCART	406187.499457013	3758287.50144976	314.90	1.50
	=B196+1 (sensitive receptor: C155)				
** receptor	DISCCART	406187.499457013	3758262.50653741	314.90	1.50
	=B197+1 (sensitive receptor: C156)				
** receptor	DISCCART	406187.499457013	3758237.50162708	314.90	1.50
	=B198+1 (sensitive receptor: C157)				
** receptor	DISCCART	406187.499457013	3758212.50671473	314.90	1.50
	=B199+1 (sensitive receptor: C158)				
** receptor	DISCCART	406187.499457013	3758187.5018044	314.90	1.50
	=B200+1 (sensitive receptor: C159)				
** receptor	DISCCART	406187.499457013	3758162.50689204	314.20	1.50
	=B201+1 (sensitive receptor: C160)				
** receptor	DISCCART	406187.499457013	3758137.50198172	311.60	1.50
	=B202+1 (sensitive receptor: C161)				
** receptor	DISCCART	406212.500856919	3758512.50565081	324.70	1.50
	=B203+1 (sensitive receptor: C162)				
** receptor	DISCCART	406212.500856919	3758487.50074049	322.40	1.50
	=B204+1 (sensitive receptor: C163)				
** receptor	DISCCART	406212.500856919	3758462.50582813	321.40	1.50
	=B205+1 (sensitive receptor: C164)				
** receptor	DISCCART	406212.500856919	3758437.50091781	321.40	1.50
	=B206+1 (sensitive receptor: C165)				
** receptor	DISCCART	406212.500856919	3758412.50600545	319.10	1.50
	=B207+1 (sensitive receptor: C166)				
** receptor	DISCCART	406212.500856919	3758387.50109513	318.20	1.50
	=B208+1 (sensitive receptor: C167)				
** receptor	DISCCART	406212.500856919	3758362.50618277	319.10	1.50
	=B209+1 (sensitive receptor: C168)				
** receptor	DISCCART	406212.500856919	3758337.50127244	318.20	1.50
	=B210+1 (sensitive receptor: C169)				
** receptor	DISCCART	406212.500856919	3758312.50636009	318.20	1.50
	=B211+1 (sensitive receptor: C170)				
** receptor	DISCCART	406212.500856919	3758287.50144976	318.20	1.50
	=B212+1 (sensitive receptor: C171)				
** receptor	DISCCART	406212.500856919	3758262.50653741	318.20	1.50
	=B213+1 (sensitive receptor: C172)				

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** DISCCART	406212.500856919	3758237.50162708	318.20	1.50
** receptor	=B214+1 (sensitive receptor: C173)			
** DISCCART	406212.500856919	3758212.50671473	318.20	1.50
** receptor	=B215+1 (sensitive receptor: C174)			
** DISCCART	406212.500856919	3758187.5018044	318.20	1.50
** receptor	=B216+1 (sensitive receptor: C175)			
** DISCCART	406212.500856919	3758162.50689204	316.90	1.50
** receptor	=B217+1 (sensitive receptor: C176)			
** DISCCART	406212.500856919	3758137.50198172	314.90	1.50
** receptor	=B218+1 (sensitive receptor: C177)			
** DISCCART	406237.502256824	3758512.50565081	329.20	1.50
** receptor	=B219+1 (sensitive receptor: C178)			
** DISCCART	406237.502256824	3758487.50074049	327.30	1.50
** receptor	=B220+1 (sensitive receptor: C179)			
** DISCCART	406237.502256824	3758462.50582813	324.70	1.50
** receptor	=B221+1 (sensitive receptor: C180)			
** DISCCART	406237.502256824	3758437.50091781	323.90	1.50
** receptor	=B222+1 (sensitive receptor: C181)			
** DISCCART	406237.502256824	3758412.50600545	321.40	1.50
** receptor	=B223+1 (sensitive receptor: C182)			
** DISCCART	406237.502256824	3758387.50109513	321.40	1.50
** receptor	=B224+1 (sensitive receptor: C183)			
** DISCCART	406237.502256824	3758362.50618277	321.40	1.50
** receptor	=B225+1 (sensitive receptor: C184)			
** DISCCART	406237.502256824	3758337.50127244	320.70	1.50
** receptor	=B226+1 (sensitive receptor: C185)			
** DISCCART	406237.502256824	3758312.50636009	320.70	1.50
** receptor	=B227+1 (sensitive receptor: C186)			
** DISCCART	406237.502256824	3758287.50144976	320.70	1.50
** receptor	=B228+1 (sensitive receptor: C187)			
** DISCCART	406237.502256824	3758262.50653741	320.70	1.50
** receptor	=B229+1 (sensitive receptor: C188)			
** DISCCART	406237.502256824	3758237.50162708	320.70	1.50
** receptor	=B230+1 (sensitive receptor: C189)			
** DISCCART	406237.502256824	3758212.50671473	321.40	1.50
** receptor	=B231+1 (sensitive receptor: C190)			
** DISCCART	406237.502256824	3758187.5018044	321.40	1.50
** receptor	=B232+1 (sensitive receptor: C191)			
** DISCCART	406237.502256824	3758162.50689204	318.20	1.50
** receptor	=B233+1 (sensitive receptor: C192)			
** DISCCART	406237.502256824	3758137.50198172	318.10	1.50
** receptor	=B234+1 (sensitive receptor: C193)			
** DISCCART	406262.495410886	3758512.50565081	333.30	1.50
** receptor	=B235+1 (sensitive receptor: C194)			
** DISCCART	406262.495410886	3758487.50074049	331.30	1.50
** receptor	=B236+1 (sensitive receptor: C195)			
** DISCCART	406262.495410886	3758462.50582813	328.90	1.50
** receptor	=B237+1 (sensitive receptor: C196)			
** DISCCART	406262.495410886	3758437.50091781	327.90	1.50
** receptor	=B238+1 (sensitive receptor: C197)			
** DISCCART	406262.495410886	3758412.50600545	325.20	1.50
** receptor	=B239+1 (sensitive receptor: C198)			
** DISCCART	406262.495410886	3758387.50109513	324.70	1.50
** receptor	=B240+1 (sensitive receptor: C199)			
** DISCCART	406262.495410886	3758362.50618277	324.70	1.50
** receptor	=B241+1 (sensitive receptor: C200)			
** DISCCART	406262.495410886	3758337.50127244	322.40	1.50
** receptor	=B242+1 (sensitive receptor: C201)			
** DISCCART	406262.495410886	3758312.50636009	321.40	1.50
** receptor	=B243+1 (sensitive receptor: C202)			
** DISCCART	406262.495410886	3758287.50144976	321.40	1.50
** receptor	=B244+1 (sensitive receptor: C203)			
** DISCCART	406262.495410886	3758262.50653741	321.90	1.50
** receptor	=B245+1 (sensitive receptor: C204)			
** DISCCART	406262.495410886	3758237.50162708	322.40	1.50
** receptor	=B246+1 (sensitive receptor: C205)			
** DISCCART	406262.495410886	3758212.50671473	321.40	1.50
** receptor	=B247+1 (sensitive receptor: C206)			
** DISCCART	406262.495410886	3758187.5018044	321.40	1.50
** receptor	=B248+1 (sensitive receptor: C207)			
** DISCCART	406262.495410886	3758162.50689204	321.40	1.50
** receptor	=B249+1 (sensitive receptor: C208)			
** DISCCART	406262.495410886	3758137.50198172	318.20	1.50
** receptor	=B250+1 (sensitive receptor: C209)			
** DISCCART	406287.496810791	3758512.50565081	335.80	1.50
** receptor	=B251+1 (sensitive receptor: C210)			

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** DISCCART	406287.496810791	3758487.50074049	334.50	1.50
** receptor	=B252+1 (sensitive receptor: C211)			
** DISCCART	406287.496810791	3758462.50582813	332.50	1.50
** receptor	=B253+1 (sensitive receptor: C212)			
** DISCCART	406287.496810791	3758437.50091781	330.60	1.50
** receptor	=B254+1 (sensitive receptor: C213)			
** DISCCART	406287.496810791	3758412.50600545	329.20	1.50
** receptor	=B255+1 (sensitive receptor: C214)			
** DISCCART	406287.496810791	3758387.50109513	328.00	1.50
** receptor	=B256+1 (sensitive receptor: C215)			
** DISCCART	406287.496810791	3758362.50618277	327.60	1.50
** receptor	=B257+1 (sensitive receptor: C216)			
** DISCCART	406287.496810791	3758337.50127244	327.20	1.50
** receptor	=B258+1 (sensitive receptor: C217)			
** DISCCART	406287.496810791	3758312.50636009	324.70	1.50
** receptor	=B259+1 (sensitive receptor: C218)			
** DISCCART	406287.496810791	3758287.50144976	324.70	1.50
** receptor	=B260+1 (sensitive receptor: C219)			
** DISCCART	406287.496810791	3758262.50653741	324.70	1.50
** receptor	=B261+1 (sensitive receptor: C220)			
** DISCCART	406287.496810791	3758237.50162708	324.70	1.50
** receptor	=B262+1 (sensitive receptor: C221)			
** DISCCART	406287.496810791	3758212.50671473	324.70	1.50
** receptor	=B263+1 (sensitive receptor: C222)			
** DISCCART	406287.496810791	3758187.5018044	321.40	1.50
** receptor	=B264+1 (sensitive receptor: C223)			
** DISCCART	406287.496810791	3758162.50689204	321.40	1.50
** receptor	=B265+1 (sensitive receptor: C224)			
** DISCCART	406287.496810791	3758137.50198172	321.40	1.50
** receptor	=B266+1 (sensitive receptor: C225)			
** DISCCART	406312.498210697	3758512.50565081	338.30	1.50
** receptor	=B267+1 (sensitive receptor: C226)			
** DISCCART	406312.498210697	3758487.50074049	335.50	1.50
** receptor	=B268+1 (sensitive receptor: C227)			
** DISCCART	406312.498210697	3758462.50582813	334.60	1.50
** receptor	=B269+1 (sensitive receptor: C228)			
** DISCCART	406312.498210697	3758437.50091781	334.60	1.50
** receptor	=B270+1 (sensitive receptor: C229)			
** DISCCART	406312.498210697	3758412.50600545	332.20	1.50
** receptor	=B271+1 (sensitive receptor: C230)			
** DISCCART	406312.498210697	3758387.50109513	331.30	1.50
** receptor	=B272+1 (sensitive receptor: C231)			
** DISCCART	406312.498210697	3758362.50618277	331.30	1.50
** receptor	=B273+1 (sensitive receptor: C232)			
** DISCCART	406312.498210697	3758337.50127244	328.90	1.50
** receptor	=B274+1 (sensitive receptor: C233)			
** DISCCART	406312.498210697	3758312.50636009	328.00	1.50
** receptor	=B275+1 (sensitive receptor: C234)			
** DISCCART	406312.498210697	3758287.50144976	328.00	1.50
** receptor	=B276+1 (sensitive receptor: C235)			
** DISCCART	406312.498210697	3758262.50653741	328.00	1.50
** receptor	=B277+1 (sensitive receptor: C236)			
** DISCCART	406312.498210697	3758237.50162708	328.00	1.50
** receptor	=B278+1 (sensitive receptor: C237)			
** DISCCART	406312.498210697	3758212.50671473	325.20	1.50
** receptor	=B279+1 (sensitive receptor: C238)			
** DISCCART	406312.498210697	3758187.5018044	324.70	1.50
** receptor	=B280+1 (sensitive receptor: C239)			
** DISCCART	406312.498210697	3758162.50689204	322.40	1.50
** receptor	=B281+1 (sensitive receptor: C240)			
** DISCCART	406312.498210697	3758137.50198172	321.40	1.50
** receptor	=B282+1 (sensitive receptor: C241)			
** DISCCART	406337.499610602	3758512.50565081	341.10	1.50
** receptor	=B283+1 (sensitive receptor: C242)			
** DISCCART	406337.499610602	3758487.50074049	337.80	1.50
** receptor	=B284+1 (sensitive receptor: C243)			
** DISCCART	406337.499610602	3758462.50582813	337.50	1.50
** receptor	=B285+1 (sensitive receptor: C244)			
** DISCCART	406337.499610602	3758437.50091781	337.10	1.50
** receptor	=B286+1 (sensitive receptor: C245)			
** DISCCART	406337.499610602	3758412.50600545	334.60	1.50
** receptor	=B287+1 (sensitive receptor: C246)			
** DISCCART	406337.499610602	3758387.50109513	334.60	1.50
** receptor	=B288+1 (sensitive receptor: C247)			
** DISCCART	406337.499610602	3758362.50618277	334.20	1.50
** receptor	=B289+1 (sensitive receptor: C248)			

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** DISCCART	406337.499610602	3758337.50127244	331.30	1.50
** receptor	=B290+1 (sensitive receptor: C249)			
** DISCCART	406337.499610602	3758312.50636009	331.30	1.50
** receptor	=B291+1 (sensitive receptor: C250)			
** DISCCART	406337.499610602	3758287.50144976	328.00	1.50
** receptor	=B292+1 (sensitive receptor: C251)			
** DISCCART	406337.499610602	3758262.50653741	328.00	1.50
** receptor	=B293+1 (sensitive receptor: C252)			
** DISCCART	406337.499610602	3758237.50162708	328.00	1.50
** receptor	=B294+1 (sensitive receptor: C253)			
** DISCCART	406337.499610602	3758212.50671473	326.30	1.50
** receptor	=B295+1 (sensitive receptor: C254)			
** DISCCART	406337.499610602	3758187.5018044	324.70	1.50
** receptor	=B296+1 (sensitive receptor: C255)			
** DISCCART	406337.499610602	3758162.50689204	324.70	1.50
** receptor	=B297+1 (sensitive receptor: C256)			
** DISCCART	406337.499610602	3758137.50198172	324.60	1.50
** receptor	=B298+1 (sensitive receptor: C257)			
** DISCCART	406362.501010508	3758512.50565081	343.20	1.50
** receptor	=B299+1 (sensitive receptor: C258)			
** DISCCART	406362.501010508	3758487.50074049	341.10	1.50
** receptor	=B300+1 (sensitive receptor: C259)			
** DISCCART	406362.501010508	3758462.50582813	341.10	1.50
** receptor	=B301+1 (sensitive receptor: C260)			
** DISCCART	406362.501010508	3758437.50091781	338.80	1.50
** receptor	=B302+1 (sensitive receptor: C261)			
** DISCCART	406362.501010508	3758412.50600545	338.30	1.50
** receptor	=B303+1 (sensitive receptor: C262)			
** DISCCART	406362.501010508	3758387.50109513	337.80	1.50
** receptor	=B304+1 (sensitive receptor: C263)			
** DISCCART	406362.501010508	3758362.50618277	334.60	1.50
** receptor	=B305+1 (sensitive receptor: C264)			
** DISCCART	406362.501010508	3758337.50127244	334.60	1.50
** receptor	=B306+1 (sensitive receptor: C265)			
** DISCCART	406362.501010508	3758312.50636009	334.60	1.50
** receptor	=B307+1 (sensitive receptor: C266)			
** DISCCART	406362.501010508	3758287.50144976	331.30	1.50
** receptor	=B308+1 (sensitive receptor: C267)			
** DISCCART	406362.501010508	3758262.50653741	331.30	1.50
** receptor	=B309+1 (sensitive receptor: C268)			
** DISCCART	406362.501010508	3758237.50162708	328.00	1.50
** receptor	=B310+1 (sensitive receptor: C269)			
** DISCCART	406362.501010508	3758212.50671473	325.80	1.50
** receptor	=B311+1 (sensitive receptor: C270)			
** DISCCART	406362.501010508	3758187.5018044	324.70	1.50
** receptor	=B312+1 (sensitive receptor: C271)			
** DISCCART	406362.501010508	3758162.50689204	324.20	1.50
** receptor	=B313+1 (sensitive receptor: C272)			
** DISCCART	406362.501010508	3758137.50198172	323.70	1.50
** receptor	=B314+1 (sensitive receptor: C273)			
** DISCCART	406387.502410414	3758512.50565081	344.40	1.50
** receptor	=B315+1 (sensitive receptor: C274)			
** DISCCART	406387.502410414	3758487.50074049	344.40	1.50
** receptor	=B316+1 (sensitive receptor: C275)			
** DISCCART	406387.502410414	3758462.50582813	343.70	1.50
** receptor	=B317+1 (sensitive receptor: C276)			
** DISCCART	406387.502410414	3758437.50091781	341.10	1.50
** receptor	=B318+1 (sensitive receptor: C277)			
** DISCCART	406387.502410414	3758412.50600545	341.10	1.50
** receptor	=B319+1 (sensitive receptor: C278)			
** DISCCART	406387.502410414	3758387.50109513	337.80	1.50
** receptor	=B320+1 (sensitive receptor: C279)			
** DISCCART	406387.502410414	3758362.50618277	337.80	1.50
** receptor	=B321+1 (sensitive receptor: C280)			
** DISCCART	406387.502410414	3758337.50127244	337.10	1.50
** receptor	=B322+1 (sensitive receptor: C281)			
** DISCCART	406387.502410414	3758312.50636009	334.60	1.50
** receptor	=B323+1 (sensitive receptor: C282)			
** DISCCART	406387.502410414	3758287.50144976	334.50	1.50
** receptor	=B324+1 (sensitive receptor: C283)			
** DISCCART	406387.502410414	3758262.50653741	331.30	1.50
** receptor	=B325+1 (sensitive receptor: C284)			
** DISCCART	406387.502410414	3758237.50162708	328.00	1.50
** receptor	=B326+1 (sensitive receptor: C285)			
** DISCCART	406387.502410414	3758212.50671473	324.70	1.50
** receptor	=B327+1 (sensitive receptor: C286)			

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** DISCCART	406387.502410414	3758187.5018044	322.20	1.50
** receptor	=B328+1 (sensitive receptor: C287)			
** DISCCART	406387.502410414	3758162.50689204	321.40	1.50
** receptor	=B329+1 (sensitive receptor: C288)			
** DISCCART	406387.502410414	3758137.50198172	321.40	1.50
** receptor	=B330+1 (sensitive receptor: C289)			
** DISCCART	406412.503810319	3758512.50565081	347.70	1.50
** receptor	=B331+1 (sensitive receptor: C290)			
** DISCCART	406412.503810319	3758487.50074049	344.40	1.50
** receptor	=B332+1 (sensitive receptor: C291)			
** DISCCART	406412.503810319	3758462.50582813	344.40	1.50
** receptor	=B333+1 (sensitive receptor: C292)			
** DISCCART	406412.503810319	3758437.50091781	344.40	1.50
** receptor	=B334+1 (sensitive receptor: C293)			
** DISCCART	406412.503810319	3758412.50600545	341.60	1.50
** receptor	=B335+1 (sensitive receptor: C294)			
** DISCCART	406412.503810319	3758387.50109513	341.10	1.50
** receptor	=B336+1 (sensitive receptor: C295)			
** DISCCART	406412.503810319	3758362.50618277	339.90	1.50
** receptor	=B337+1 (sensitive receptor: C296)			
** DISCCART	406412.503810319	3758337.50127244	337.80	1.50
** receptor	=B338+1 (sensitive receptor: C297)			
** DISCCART	406412.503810319	3758312.50636009	336.60	1.50
** receptor	=B339+1 (sensitive receptor: C298)			
** DISCCART	406412.503810319	3758287.50144976	334.60	1.50
** receptor	=B340+1 (sensitive receptor: C299)			
** DISCCART	406412.503810319	3758262.50653741	330.80	1.50
** receptor	=B341+1 (sensitive receptor: C300)			
** DISCCART	406412.503810319	3758237.50162708	324.70	1.50
** receptor	=B342+1 (sensitive receptor: C301)			
** DISCCART	406412.503810319	3758212.50671473	322.60	1.50
** receptor	=B343+1 (sensitive receptor: C302)			
** DISCCART	406412.503810319	3758187.5018044	321.40	1.50
** receptor	=B344+1 (sensitive receptor: C303)			
** DISCCART	406412.503810319	3758162.50689204	321.40	1.50
** receptor	=B345+1 (sensitive receptor: C304)			
** DISCCART	406412.503810319	3758137.50198172	321.40	1.50
** receptor	=B346+1 (sensitive receptor: C305)			
** DISCCART	406437.496964381	3758512.50565081	348.90	1.50
** receptor	=B347+1 (sensitive receptor: C306)			
** DISCCART	406437.496964381	3758487.50074049	347.70	1.50
** receptor	=B348+1 (sensitive receptor: C307)			
** DISCCART	406437.496964381	3758462.50582813	345.60	1.50
** receptor	=B349+1 (sensitive receptor: C308)			
** DISCCART	406437.496964381	3758437.50091781	344.40	1.50
** receptor	=B350+1 (sensitive receptor: C309)			
** DISCCART	406437.496964381	3758412.50600545	344.40	1.50
** receptor	=B351+1 (sensitive receptor: C310)			
** DISCCART	406437.496964381	3758387.50109513	343.60	1.50
** receptor	=B352+1 (sensitive receptor: C311)			
** DISCCART	406437.496964381	3758362.50618277	341.10	1.50
** receptor	=B353+1 (sensitive receptor: C312)			
** DISCCART	406437.496964381	3758337.50127244	341.10	1.50
** receptor	=B354+1 (sensitive receptor: C313)			
** DISCCART	406437.496964381	3758312.50636009	337.80	1.50
** receptor	=B355+1 (sensitive receptor: C314)			
** DISCCART	406437.496964381	3758287.50144976	334.60	1.50
** receptor	=B356+1 (sensitive receptor: C315)			
** DISCCART	406437.496964381	3758262.50653741	328.20	1.50
** receptor	=B357+1 (sensitive receptor: C316)			
** DISCCART	406437.496964381	3758237.50162708	322.10	1.50
** receptor	=B358+1 (sensitive receptor: C317)			
** DISCCART	406437.496964381	3758212.50671473	321.40	1.50
** receptor	=B359+1 (sensitive receptor: C318)			
** DISCCART	406437.496964381	3758187.5018044	321.40	1.50
** receptor	=B360+1 (sensitive receptor: C319)			
** DISCCART	406437.496964381	3758162.50689204	321.40	1.50
** receptor	=B361+1 (sensitive receptor: C320)			
** DISCCART	406437.496964381	3758137.50198172	321.40	1.50
** receptor	=B362+1 (sensitive receptor: C321)			
** DISCCART	406462.498364286	3758512.50565081	351.00	1.50
** receptor	=B363+1 (sensitive receptor: C322)			
** DISCCART	406462.498364286	3758487.50074049	347.70	1.50
** receptor	=B364+1 (sensitive receptor: C323)			
** DISCCART	406462.498364286	3758462.50582813	347.70	1.50
** receptor	=B365+1 (sensitive receptor: C324)			

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** DISCCART	406462.498364286	3758437.50091781	345.30	1.50
** receptor	=B366+1 (sensitive receptor: C325)			
** DISCCART	406462.498364286	3758412.50600545	344.40	1.50
** receptor	=B367+1 (sensitive receptor: C326)			
** DISCCART	406462.498364286	3758387.50109513	344.40	1.50
** receptor	=B368+1 (sensitive receptor: C327)			
** DISCCART	406462.498364286	3758362.50618277	343.20	1.50
** receptor	=B369+1 (sensitive receptor: C328)			
** DISCCART	406462.498364286	3758337.50127244	341.10	1.50
** receptor	=B370+1 (sensitive receptor: C329)			
** DISCCART	406462.498364286	3758312.50636009	339.90	1.50
** receptor	=B371+1 (sensitive receptor: C330)			
** DISCCART	406462.498364286	3758287.50144976	335.50	1.50
** receptor	=B372+1 (sensitive receptor: C331)			
** DISCCART	406462.498364286	3758262.50653741	325.80	1.50
** receptor	=B373+1 (sensitive receptor: C332)			
** DISCCART	406462.498364286	3758237.50162708	321.40	1.50
** receptor	=B374+1 (sensitive receptor: C333)			
** DISCCART	406462.498364286	3758212.50671473	321.40	1.50
** receptor	=B375+1 (sensitive receptor: C334)			
** DISCCART	406462.498364286	3758187.5018044	322.40	1.50
** receptor	=B376+1 (sensitive receptor: C335)			
** DISCCART	406462.498364286	3758162.50689204	323.60	1.50
** receptor	=B377+1 (sensitive receptor: C336)			
** DISCCART	406462.498364286	3758137.50198172	325.60	1.50
** receptor	=B378+1 (sensitive receptor: C337)			
** DISCCART	406487.499764192	3758512.50565081	353.90	1.50
** receptor	=B379+1 (sensitive receptor: C338)			
** DISCCART	406487.499764192	3758487.50074049	350.90	1.50
** receptor	=B380+1 (sensitive receptor: C339)			
** DISCCART	406487.499764192	3758462.50582813	347.70	1.50
** receptor	=B381+1 (sensitive receptor: C340)			
** DISCCART	406487.499764192	3758437.50091781	347.70	1.50
** receptor	=B382+1 (sensitive receptor: C341)			
** DISCCART	406487.499764192	3758412.50600545	344.40	1.50
** receptor	=B383+1 (sensitive receptor: C342)			
** DISCCART	406487.499764192	3758387.50109513	344.40	1.50
** receptor	=B384+1 (sensitive receptor: C343)			
** DISCCART	406487.499764192	3758362.50618277	344.40	1.50
** receptor	=B385+1 (sensitive receptor: C344)			
** DISCCART	406487.499764192	3758337.50127244	341.10	1.50
** receptor	=B386+1 (sensitive receptor: C345)			
** DISCCART	406487.499764192	3758312.50636009	341.10	1.50
** receptor	=B387+1 (sensitive receptor: C346)			
** DISCCART	406487.499764192	3758287.50144976	337.80	1.50
** receptor	=B388+1 (sensitive receptor: C347)			
** DISCCART	406487.499764192	3758262.50653741	323.30	1.50
** receptor	=B389+1 (sensitive receptor: C348)			
** DISCCART	406487.499764192	3758237.50162708	321.40	1.50
** receptor	=B390+1 (sensitive receptor: C349)			
** DISCCART	406487.499764192	3758212.50671473	324.40	1.50
** receptor	=B391+1 (sensitive receptor: C350)			
** DISCCART	406487.499764192	3758187.5018044	327.30	1.50
** receptor	=B392+1 (sensitive receptor: C351)			
** DISCCART	406487.499764192	3758162.50689204	328.00	1.50
** receptor	=B393+1 (sensitive receptor: C352)			
** DISCCART	406487.499764192	3758137.50198172	330.60	1.50
** receptor	=B394+1 (sensitive receptor: C353)			
** DISCCART	406512.501164097	3758512.50565081	354.20	1.50
** receptor	=B395+1 (sensitive receptor: C354)			
** DISCCART	406512.501164097	3758487.50074049	351.00	1.50
** receptor	=B396+1 (sensitive receptor: C355)			
** DISCCART	406512.501164097	3758462.50582813	347.70	1.50
** receptor	=B397+1 (sensitive receptor: C356)			
** DISCCART	406512.501164097	3758437.50091781	344.40	1.50
** receptor	=B398+1 (sensitive receptor: C357)			
** DISCCART	406512.501164097	3758412.50600545	344.40	1.50
** receptor	=B399+1 (sensitive receptor: C358)			
** DISCCART	406512.501164097	3758387.50109513	344.40	1.50
** receptor	=B400+1 (sensitive receptor: C359)			
** DISCCART	406512.501164097	3758362.50618277	342.20	1.50
** receptor	=B401+1 (sensitive receptor: C360)			
** DISCCART	406512.501164097	3758337.50127244	341.10	1.50
** receptor	=B402+1 (sensitive receptor: C361)			
** DISCCART	406512.501164097	3758312.50636009	338.50	1.50
** receptor	=B403+1 (sensitive receptor: C362)			

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** DISCCART	406512.501164097	3758287.50144976	331.20	1.50
** receptor	=B404+1 (sensitive receptor: C363)			
** DISCCART	406512.501164097	3758262.50653741	321.40	1.50
** receptor	=B405+1 (sensitive receptor: C364)			
** DISCCART	406512.501164097	3758237.50162708	323.40	1.50
** receptor	=B406+1 (sensitive receptor: C365)			
** DISCCART	406512.501164097	3758212.50671473	334.40	1.50
** receptor	=B407+1 (sensitive receptor: C366)			
** DISCCART	406512.501164097	3758187.5018044	334.60	1.50
** receptor	=B408+1 (sensitive receptor: C367)			
** DISCCART	406512.501164097	3758162.50689204	334.60	1.50
** receptor	=B409+1 (sensitive receptor: C368)			
** DISCCART	406512.501164097	3758137.50198172	334.60	1.50
** receptor	=B410+1 (sensitive receptor: C369)			
** DISCCART	406537.502564003	3758512.50565081	355.80	1.50
** receptor	=B411+1 (sensitive receptor: C370)			
** DISCCART	406537.502564003	3758487.50074049	351.00	1.50
** receptor	=B412+1 (sensitive receptor: C371)			
** DISCCART	406537.502564003	3758462.50582813	347.70	1.50
** receptor	=B413+1 (sensitive receptor: C372)			
** DISCCART	406537.502564003	3758437.50091781	344.40	1.50
** receptor	=B414+1 (sensitive receptor: C373)			
** DISCCART	406537.502564003	3758412.50600545	344.40	1.50
** receptor	=B415+1 (sensitive receptor: C374)			
** DISCCART	406537.502564003	3758387.50109513	341.80	1.50
** receptor	=B416+1 (sensitive receptor: C375)			
** DISCCART	406537.502564003	3758362.50618277	339.80	1.50
** receptor	=B417+1 (sensitive receptor: C376)			
** DISCCART	406537.502564003	3758337.50127244	337.80	1.50
** receptor	=B418+1 (sensitive receptor: C377)			
** DISCCART	406537.502564003	3758312.50636009	336.10	1.50
** receptor	=B419+1 (sensitive receptor: C378)			
** DISCCART	406537.502564003	3758287.50144976	333.80	1.50
** receptor	=B420+1 (sensitive receptor: C379)			
** DISCCART	406537.502564003	3758262.50653741	334.50	1.50
** receptor	=B421+1 (sensitive receptor: C380)			
** DISCCART	406537.502564003	3758237.50162708	343.60	1.50
** receptor	=B422+1 (sensitive receptor: C381)			
** DISCCART	406537.502564003	3758212.50671473	340.70	1.50
** receptor	=B423+1 (sensitive receptor: C382)			
** DISCCART	406537.502564003	3758187.5018044	337.80	1.50
** receptor	=B424+1 (sensitive receptor: C383)			
** DISCCART	406537.502564003	3758162.50689204	335.80	1.50
** receptor	=B425+1 (sensitive receptor: C384)			
** DISCCART	406537.502564003	3758137.50198172	334.60	1.50
** receptor	=B426+1 (sensitive receptor: C385)			
** DISCCART	406562.495718064	3758512.50565081	356.30	1.50
** receptor	=B427+1 (sensitive receptor: C386)			
** DISCCART	406562.495718064	3758487.50074049	351.00	1.50
** receptor	=B428+1 (sensitive receptor: C387)			
** DISCCART	406562.495718064	3758462.50582813	347.20	1.50
** receptor	=B429+1 (sensitive receptor: C388)			
** DISCCART	406562.495718064	3758437.50091781	344.40	1.50
** receptor	=B430+1 (sensitive receptor: C389)			
** DISCCART	406562.495718064	3758412.50600545	341.10	1.50
** receptor	=B431+1 (sensitive receptor: C390)			
** DISCCART	406562.495718064	3758387.50109513	337.80	1.50
** receptor	=B432+1 (sensitive receptor: C391)			
** DISCCART	406562.495718064	3758362.50618277	337.80	1.50
** receptor	=B433+1 (sensitive receptor: C392)			
** DISCCART	406562.495718064	3758337.50127244	337.80	1.50
** receptor	=B434+1 (sensitive receptor: C393)			
** DISCCART	406562.495718064	3758312.50636009	338.80	1.50
** receptor	=B435+1 (sensitive receptor: C394)			
** DISCCART	406562.495718064	3758287.50144976	341.10	1.50
** receptor	=B436+1 (sensitive receptor: C395)			
** DISCCART	406562.495718064	3758262.50653741	343.30	1.50
** receptor	=B437+1 (sensitive receptor: C396)			
** DISCCART	406562.495718064	3758237.50162708	344.40	1.50
** receptor	=B438+1 (sensitive receptor: C397)			
** DISCCART	406562.495718064	3758212.50671473	342.00	1.50
** receptor	=B439+1 (sensitive receptor: C398)			
** DISCCART	406562.495718064	3758187.5018044	341.10	1.50
** receptor	=B440+1 (sensitive receptor: C399)			
** DISCCART	406562.495718064	3758162.50689204	338.80	1.50
** receptor	=B441+1 (sensitive receptor: C400)			

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** DISCCART	406562.495718064	3758137.50198172	337.80	1.50
** receptor	=B442+1 (sensitive receptor: C401)			
** DISCCART	406587.49711797	3758512.50565081	357.50	1.50
** receptor	=B443+1 (sensitive receptor: C402)			
** DISCCART	406587.49711797	3758487.50074049	351.60	1.50
** receptor	=B444+1 (sensitive receptor: C403)			
** DISCCART	406587.49711797	3758462.50582813	346.00	1.50
** receptor	=B445+1 (sensitive receptor: C404)			
** DISCCART	406587.49711797	3758437.50091781	341.10	1.50
** receptor	=B446+1 (sensitive receptor: C405)			
** DISCCART	406587.49711797	3758412.50600545	341.10	1.50
** receptor	=B447+1 (sensitive receptor: C406)			
** DISCCART	406587.49711797	3758387.50109513	340.30	1.50
** receptor	=B448+1 (sensitive receptor: C407)			
** DISCCART	406587.49711797	3758362.50618277	339.20	1.50
** receptor	=B449+1 (sensitive receptor: C408)			
** DISCCART	406587.49711797	3758337.50127244	340.50	1.50
** receptor	=B450+1 (sensitive receptor: C409)			
** DISCCART	406587.49711797	3758312.50636009	344.10	1.50
** receptor	=B451+1 (sensitive receptor: C410)			
** DISCCART	406587.49711797	3758287.50144976	344.40	1.50
** receptor	=B452+1 (sensitive receptor: C411)			
** DISCCART	406587.49711797	3758262.50653741	344.40	1.50
** receptor	=B453+1 (sensitive receptor: C412)			
** DISCCART	406587.49711797	3758237.50162708	344.40	1.50
** receptor	=B454+1 (sensitive receptor: C413)			
** DISCCART	406587.49711797	3758212.50671473	344.40	1.50
** receptor	=B455+1 (sensitive receptor: C414)			
** DISCCART	406587.49711797	3758187.5018044	343.70	1.50
** receptor	=B456+1 (sensitive receptor: C415)			
** DISCCART	406587.49711797	3758162.50689204	341.10	1.50
** receptor	=B457+1 (sensitive receptor: C416)			
** DISCCART	406587.49711797	3758137.50198172	340.40	1.50
** receptor	=B458+1 (sensitive receptor: C417)			
** DISCCART	406612.498517875	3758512.50565081	357.50	1.50
** receptor	=B459+1 (sensitive receptor: C418)			
** DISCCART	406612.498517875	3758487.50074049	350.90	1.50
** receptor	=B460+1 (sensitive receptor: C419)			
** DISCCART	406612.498517875	3758462.50582813	343.60	1.50
** receptor	=B461+1 (sensitive receptor: C420)			
** DISCCART	406612.498517875	3758437.50091781	341.10	1.50
** receptor	=B462+1 (sensitive receptor: C421)			
** DISCCART	406612.498517875	3758412.50600545	341.10	1.50
** receptor	=B463+1 (sensitive receptor: C422)			
** DISCCART	406612.498517875	3758387.50109513	338.80	1.50
** receptor	=B464+1 (sensitive receptor: C423)			
** DISCCART	406612.498517875	3758362.50618277	343.30	1.50
** receptor	=B465+1 (sensitive receptor: C424)			
** DISCCART	406612.498517875	3758337.50127244	346.30	1.50
** receptor	=B466+1 (sensitive receptor: C425)			
** DISCCART	406612.498517875	3758312.50636009	349.10	1.50
** receptor	=B467+1 (sensitive receptor: C426)			
** DISCCART	406612.498517875	3758287.50144976	348.60	1.50
** receptor	=B468+1 (sensitive receptor: C427)			
** DISCCART	406612.498517875	3758262.50653741	348.60	1.50
** receptor	=B469+1 (sensitive receptor: C428)			
** DISCCART	406612.498517875	3758237.50162708	347.70	1.50
** receptor	=B470+1 (sensitive receptor: C429)			
** DISCCART	406612.498517875	3758212.50671473	346.40	1.50
** receptor	=B471+1 (sensitive receptor: C430)			
** DISCCART	406612.498517875	3758187.5018044	344.40	1.50
** receptor	=B472+1 (sensitive receptor: C431)			
** DISCCART	406612.498517875	3758162.50689204	344.40	1.50
** receptor	=B473+1 (sensitive receptor: C432)			
** DISCCART	406612.498517875	3758137.50198172	344.40	1.50
** receptor	=B474+1 (sensitive receptor: C433)			
** DISCCART	406637.499917781	3758512.50565081	354.60	1.50
** receptor	=B475+1 (sensitive receptor: C434)			
** DISCCART	406637.499917781	3758487.50074049	350.90	1.50
** receptor	=B476+1 (sensitive receptor: C435)			
** DISCCART	406637.499917781	3758462.50582813	346.00	1.50
** receptor	=B477+1 (sensitive receptor: C436)			
** DISCCART	406637.499917781	3758437.50091781	341.10	1.50
** receptor	=B478+1 (sensitive receptor: C437)			
** DISCCART	406637.499917781	3758412.50600545	342.50	1.50
** receptor	=B479+1 (sensitive receptor: C438)			

Appendix B

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** DISCCART	406637.499917781	3758387.50109513	347.00	1.50
** receptor	=B480+1 (sensitive receptor: C439)			
** DISCCART	406637.499917781	3758362.50618277	352.00	1.50
** receptor	=B481+1 (sensitive receptor: C440)			
** DISCCART	406637.499917781	3758337.50127244	356.80	1.50
** receptor	=B482+1 (sensitive receptor: C441)			
** DISCCART	406637.499917781	3758312.50636009	357.10	1.50
** receptor	=B483+1 (sensitive receptor: C442)			
** DISCCART	406637.499917781	3758287.50144976	354.20	1.50
** receptor	=B484+1 (sensitive receptor: C443)			
** DISCCART	406637.499917781	3758262.50653741	352.20	1.50
** receptor	=B485+1 (sensitive receptor: C444)			
** DISCCART	406637.499917781	3758237.50162708	350.20	1.50
** receptor	=B486+1 (sensitive receptor: C445)			
** DISCCART	406637.499917781	3758212.50671473	347.70	1.50
** receptor	=B487+1 (sensitive receptor: C446)			
** DISCCART	406637.499917781	3758187.5018044	346.90	1.50
** receptor	=B488+1 (sensitive receptor: C447)			
** DISCCART	406637.499917781	3758162.50689204	344.40	1.50
** receptor	=B489+1 (sensitive receptor: C448)			
** DISCCART	406637.499917781	3758137.50198172	344.40	1.50
** receptor	=B490+1 (sensitive receptor: C449)			
** DISCCART	406662.501317687	3758512.50565081	357.50	1.50
** receptor	=B491+1 (sensitive receptor: C450)			
** DISCCART	406662.501317687	3758487.50074049	354.30	1.50
** receptor	=B492+1 (sensitive receptor: C451)			
** DISCCART	406662.501317687	3758462.50582813	351.80	1.50
** receptor	=B493+1 (sensitive receptor: C452)			
** DISCCART	406662.501317687	3758437.50091781	352.00	1.50
** receptor	=B494+1 (sensitive receptor: C453)			
** DISCCART	406662.501317687	3758412.50600545	355.20	1.50
** receptor	=B495+1 (sensitive receptor: C454)			
** DISCCART	406662.501317687	3758387.50109513	355.20	1.50
** receptor	=B496+1 (sensitive receptor: C455)			
** DISCCART	406662.501317687	3758362.50618277	358.40	1.50
** receptor	=B497+1 (sensitive receptor: C456)			
** DISCCART	406662.501317687	3758337.50127244	360.80	1.50
** receptor	=B498+1 (sensitive receptor: C457)			
** DISCCART	406662.501317687	3758312.50636009	359.60	1.50
** receptor	=B499+1 (sensitive receptor: C458)			
** DISCCART	406662.501317687	3758287.50144976	357.50	1.50
** receptor	=B500+1 (sensitive receptor: C459)			
** DISCCART	406662.501317687	3758262.50653741	354.20	1.50
** receptor	=B501+1 (sensitive receptor: C460)			
** DISCCART	406662.501317687	3758237.50162708	351.90	1.50
** receptor	=B502+1 (sensitive receptor: C461)			
** DISCCART	406662.501317687	3758212.50671473	351.00	1.50
** receptor	=B503+1 (sensitive receptor: C462)			
** DISCCART	406662.501317687	3758187.5018044	347.70	1.50
** receptor	=B504+1 (sensitive receptor: C463)			
** DISCCART	406662.501317687	3758162.50689204	347.70	1.50
** receptor	=B505+1 (sensitive receptor: C464)			
** DISCCART	406662.501317687	3758137.50198172	344.40	1.50
** receptor	=B506+1 (sensitive receptor: C465)			
** DISCCART	406687.502717592	3758512.50565081	357.50	1.50
** receptor	=B507+1 (sensitive receptor: C466)			
** DISCCART	406687.502717592	3758487.50074049	357.50	1.50
** receptor	=B508+1 (sensitive receptor: C467)			
** DISCCART	406687.502717592	3758462.50582813	357.50	1.50
** receptor	=B509+1 (sensitive receptor: C468)			
** DISCCART	406687.502717592	3758437.50091781	360.10	1.50
** receptor	=B510+1 (sensitive receptor: C469)			
** DISCCART	406687.502717592	3758412.50600545	360.80	1.50
** receptor	=B511+1 (sensitive receptor: C470)			
** DISCCART	406687.502717592	3758387.50109513	360.10	1.50
** receptor	=B512+1 (sensitive receptor: C471)			
** DISCCART	406687.502717592	3758362.50618277	362.10	1.50
** receptor	=B513+1 (sensitive receptor: C472)			
** DISCCART	406687.502717592	3758337.50127244	363.30	1.50
** receptor	=B514+1 (sensitive receptor: C473)			
** DISCCART	406687.502717592	3758312.50636009	360.80	1.50
** receptor	=B515+1 (sensitive receptor: C474)			
** DISCCART	406687.502717592	3758287.50144976	357.50	1.50
** receptor	=B516+1 (sensitive receptor: C475)			
** DISCCART	406687.502717592	3758262.50653741	355.80	1.50
** receptor	=B517+1 (sensitive receptor: C476)			

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** DISCCART	406687.502717592	3758237.50162708	354.20	1.50
** receptor	=B518+1 (sensitive receptor: C477)			
** DISCCART	406687.502717592	3758212.50671473	351.00	1.50
** receptor	=B519+1 (sensitive receptor: C478)			
** DISCCART	406687.502717592	3758187.5018044	350.90	1.50
** receptor	=B520+1 (sensitive receptor: C479)			
** DISCCART	406687.502717592	3758162.50689204	347.70	1.50
** receptor	=B521+1 (sensitive receptor: C480)			
** DISCCART	406687.502717592	3758137.50198172	344.40	1.50
** receptor	=B522+1 (sensitive receptor: C481)			
** DISCCART	406712.495871654	3758512.50565081	357.50	1.50
** receptor	=B523+1 (sensitive receptor: C482)			
** DISCCART	406712.495871654	3758487.50074049	358.50	1.50
** receptor	=B524+1 (sensitive receptor: C483)			
** DISCCART	406712.495871654	3758462.50582813	360.80	1.50
** receptor	=B525+1 (sensitive receptor: C484)			
** DISCCART	406712.495871654	3758437.50091781	361.70	1.50
** receptor	=B526+1 (sensitive receptor: C485)			
** DISCCART	406712.495871654	3758412.50600545	364.10	1.50
** receptor	=B527+1 (sensitive receptor: C486)			
** DISCCART	406712.495871654	3758387.50109513	364.10	1.50
** receptor	=B528+1 (sensitive receptor: C487)			
** DISCCART	406712.495871654	3758362.50618277	364.10	1.50
** receptor	=B529+1 (sensitive receptor: C488)			
** DISCCART	406712.495871654	3758337.50127244	364.00	1.50
** receptor	=B530+1 (sensitive receptor: C489)			
** DISCCART	406712.495871654	3758312.50636009	360.80	1.50
** receptor	=B531+1 (sensitive receptor: C490)			
** DISCCART	406712.495871654	3758287.50144976	357.50	1.50
** receptor	=B532+1 (sensitive receptor: C491)			
** DISCCART	406712.495871654	3758262.50653741	357.50	1.50
** receptor	=B533+1 (sensitive receptor: C492)			
** DISCCART	406712.495871654	3758237.50162708	354.20	1.50
** receptor	=B534+1 (sensitive receptor: C493)			
** DISCCART	406712.495871654	3758212.50671473	354.20	1.50
** receptor	=B535+1 (sensitive receptor: C494)			
** DISCCART	406712.495871654	3758187.5018044	351.00	1.50
** receptor	=B536+1 (sensitive receptor: C495)			
** DISCCART	406712.495871654	3758162.50689204	348.10	1.50
** receptor	=B537+1 (sensitive receptor: C496)			
** DISCCART	406712.495871654	3758137.50198172	344.40	1.50
** receptor	=B538+1 (sensitive receptor: C497)			
** DISCCART	406737.497271559	3758512.50565081	359.20	1.50
** receptor	=B539+1 (sensitive receptor: C498)			
** DISCCART	406737.497271559	3758487.50074049	360.90	1.50
** receptor	=B540+1 (sensitive receptor: C499)			
** DISCCART	406737.497271559	3758462.50582813	363.70	1.50
** receptor	=B541+1 (sensitive receptor: C500)			
** DISCCART	406737.497271559	3758437.50091781	364.10	1.50
** receptor	=B542+1 (sensitive receptor: C501)			
** DISCCART	406737.497271559	3758412.50600545	365.40	1.50
** receptor	=B543+1 (sensitive receptor: C502)			
** DISCCART	406737.497271559	3758387.50109513	366.70	1.50
** receptor	=B544+1 (sensitive receptor: C503)			
** DISCCART	406737.497271559	3758362.50618277	367.40	1.50
** receptor	=B545+1 (sensitive receptor: C504)			
** DISCCART	406737.497271559	3758337.50127244	364.10	1.50
** receptor	=B546+1 (sensitive receptor: C505)			
** DISCCART	406737.497271559	3758312.50636009	362.00	1.50
** receptor	=B547+1 (sensitive receptor: C506)			
** DISCCART	406737.497271559	3758287.50144976	360.80	1.50
** receptor	=B548+1 (sensitive receptor: C507)			
** DISCCART	406737.497271559	3758262.50653741	357.50	1.50
** receptor	=B549+1 (sensitive receptor: C508)			
** DISCCART	406737.497271559	3758237.50162708	357.50	1.50
** receptor	=B550+1 (sensitive receptor: C509)			
** DISCCART	406737.497271559	3758212.50671473	354.20	1.50
** receptor	=B551+1 (sensitive receptor: C510)			
** DISCCART	406737.497271559	3758187.5018044	351.00	1.50
** receptor	=B552+1 (sensitive receptor: C511)			
** DISCCART	406737.497271559	3758162.50689204	347.70	1.50
** receptor	=B553+1 (sensitive receptor: C512)			
** DISCCART	406737.497271559	3758137.50198172	344.40	1.50
** receptor	=B554+1 (sensitive receptor: C513)			
** DISCCART	406762.498671465	3758512.50565081	360.80	1.50
** receptor	=B555+1 (sensitive receptor: C514)			

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** DISCCART	406762.498671465	3758487.50074049	364.10	1.50
** receptor	=B556+1 (sensitive receptor: C515)			
** DISCCART	406762.498671465	3758462.50582813	365.00	1.50
** receptor	=B557+1 (sensitive receptor: C516)			
** DISCCART	406762.498671465	3758437.50091781	367.40	1.50
** receptor	=B558+1 (sensitive receptor: C517)			
** DISCCART	406762.498671465	3758412.50600545	367.40	1.50
** receptor	=B559+1 (sensitive receptor: C518)			
** DISCCART	406762.498671465	3758387.50109513	367.40	1.50
** receptor	=B560+1 (sensitive receptor: C519)			
** DISCCART	406762.498671465	3758362.50618277	368.30	1.50
** receptor	=B561+1 (sensitive receptor: C520)			
** DISCCART	406762.498671465	3758337.50127244	367.30	1.50
** receptor	=B562+1 (sensitive receptor: C521)			
** DISCCART	406762.498671465	3758312.50636009	364.50	1.50
** receptor	=B563+1 (sensitive receptor: C522)			
** DISCCART	406762.498671465	3758287.50144976	361.70	1.50
** receptor	=B564+1 (sensitive receptor: C523)			
** DISCCART	406762.498671465	3758262.50653741	360.80	1.50
** receptor	=B565+1 (sensitive receptor: C524)			
** DISCCART	406762.498671465	3758237.50162708	357.50	1.50
** receptor	=B566+1 (sensitive receptor: C525)			
** DISCCART	406762.498671465	3758212.50671473	356.30	1.50
** receptor	=B567+1 (sensitive receptor: C526)			
** DISCCART	406762.498671465	3758187.5018044	351.00	1.50
** receptor	=B568+1 (sensitive receptor: C527)			
** DISCCART	406762.498671465	3758162.50689204	347.70	1.50
** receptor	=B569+1 (sensitive receptor: C528)			
** DISCCART	406762.498671465	3758137.50198172	344.40	1.50
** receptor	=B570+1 (sensitive receptor: C529)			
** DISCCART	406787.50007137	3758512.50565081	360.80	1.50
** receptor	=B571+1 (sensitive receptor: C530)			
** DISCCART	406787.50007137	3758487.50074049	364.20	1.50
** receptor	=B572+1 (sensitive receptor: C531)			
** DISCCART	406787.50007137	3758462.50582813	367.40	1.50
** receptor	=B573+1 (sensitive receptor: C532)			
** DISCCART	406787.50007137	3758437.50091781	369.90	1.50
** receptor	=B574+1 (sensitive receptor: C533)			
** DISCCART	406787.50007137	3758412.50600545	370.60	1.50
** receptor	=B575+1 (sensitive receptor: C534)			
** DISCCART	406787.50007137	3758387.50109513	370.70	1.50
** receptor	=B576+1 (sensitive receptor: C535)			
** DISCCART	406787.50007137	3758362.50618277	371.90	1.50
** receptor	=B577+1 (sensitive receptor: C536)			
** DISCCART	406787.50007137	3758337.50127244	369.90	1.50
** receptor	=B578+1 (sensitive receptor: C537)			
** DISCCART	406787.50007137	3758312.50636009	367.40	1.50
** receptor	=B579+1 (sensitive receptor: C538)			
** DISCCART	406787.50007137	3758287.50144976	366.60	1.50
** receptor	=B580+1 (sensitive receptor: C539)			
** DISCCART	406787.50007137	3758262.50653741	362.00	1.50
** receptor	=B581+1 (sensitive receptor: C540)			
** DISCCART	406787.50007137	3758237.50162708	360.70	1.50
** receptor	=B582+1 (sensitive receptor: C541)			
** DISCCART	406787.50007137	3758212.50671473	357.50	1.50
** receptor	=B583+1 (sensitive receptor: C542)			
** DISCCART	406787.50007137	3758187.5018044	351.00	1.50
** receptor	=B584+1 (sensitive receptor: C543)			
** DISCCART	406787.50007137	3758162.50689204	347.70	1.50
** receptor	=B585+1 (sensitive receptor: C544)			
** DISCCART	406787.50007137	3758137.50198172	341.80	1.50
** receptor	=B586+1 (sensitive receptor: C545)			
** DISCCART	406812.501471276	3758512.50565081	363.00	1.50
** receptor	=B587+1 (sensitive receptor: C546)			
** DISCCART	406812.501471276	3758487.50074049	367.40	1.50
** receptor	=B588+1 (sensitive receptor: C547)			
** DISCCART	406812.501471276	3758462.50582813	369.50	1.50
** receptor	=B589+1 (sensitive receptor: C548)			
** DISCCART	406812.501471276	3758437.50091781	371.60	1.50
** receptor	=B590+1 (sensitive receptor: C549)			
** DISCCART	406812.501471276	3758412.50600545	374.40	1.50
** receptor	=B591+1 (sensitive receptor: C550)			
** DISCCART	406812.501471276	3758387.50109513	374.80	1.50
** receptor	=B592+1 (sensitive receptor: C551)			
** DISCCART	406812.501471276	3758362.50618277	374.80	1.50
** receptor	=B593+1 (sensitive receptor: C552)			

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** DISCCART	406812.501471276	3758337.50127244	373.90	1.50
** receptor	=B594+1 (sensitive receptor: C553)			
** DISCCART	406812.501471276	3758312.50636009	369.40	1.50
** receptor	=B595+1 (sensitive receptor: C554)			
** DISCCART	406812.501471276	3758287.50144976	367.40	1.50
** receptor	=B596+1 (sensitive receptor: C555)			
** DISCCART	406812.501471276	3758262.50653741	364.50	1.50
** receptor	=B597+1 (sensitive receptor: C556)			
** DISCCART	406812.501471276	3758237.50162708	360.80	1.50
** receptor	=B598+1 (sensitive receptor: C557)			
** DISCCART	406812.501471276	3758212.50671473	357.50	1.50
** receptor	=B599+1 (sensitive receptor: C558)			
** DISCCART	406812.501471276	3758187.5018044	354.20	1.50
** receptor	=B600+1 (sensitive receptor: C559)			
** DISCCART	406812.501471276	3758162.50689204	346.00	1.50
** receptor	=B601+1 (sensitive receptor: C560)			
** DISCCART	406812.501471276	3758137.50198172	341.10	1.50
** receptor	=B602+1 (sensitive receptor: C561)			
** DISCCART	406837.502871182	3758512.50565081	366.60	1.50
** receptor	=B603+1 (sensitive receptor: C562)			
** DISCCART	406837.502871182	3758487.50074049	367.40	1.50
** receptor	=B604+1 (sensitive receptor: C563)			
** DISCCART	406837.502871182	3758462.50582813	370.60	1.50
** receptor	=B605+1 (sensitive receptor: C564)			
** DISCCART	406837.502871182	3758437.50091781	374.00	1.50
** receptor	=B606+1 (sensitive receptor: C565)			
** DISCCART	406837.502871182	3758412.50600545	378.50	1.50
** receptor	=B607+1 (sensitive receptor: C566)			
** DISCCART	406837.502871182	3758387.50109513	379.80	1.50
** receptor	=B608+1 (sensitive receptor: C567)			
** DISCCART	406837.502871182	3758362.50618277	378.40	1.50
** receptor	=B609+1 (sensitive receptor: C568)			
** DISCCART	406837.502871182	3758337.50127244	377.20	1.50
** receptor	=B610+1 (sensitive receptor: C569)			
** DISCCART	406837.502871182	3758312.50636009	373.50	1.50
** receptor	=B611+1 (sensitive receptor: C570)			
** DISCCART	406837.502871182	3758287.50144976	367.40	1.50
** receptor	=B612+1 (sensitive receptor: C571)			
** DISCCART	406837.502871182	3758262.50653741	362.70	1.50
** receptor	=B613+1 (sensitive receptor: C572)			
** DISCCART	406837.502871182	3758237.50162708	358.20	1.50
** receptor	=B614+1 (sensitive receptor: C573)			
** DISCCART	406837.502871182	3758212.50671473	357.50	1.50
** receptor	=B615+1 (sensitive receptor: C574)			
** DISCCART	406837.502871182	3758187.5018044	354.20	1.50
** receptor	=B616+1 (sensitive receptor: C575)			
** DISCCART	406837.502871182	3758162.50689204	348.50	1.50
** receptor	=B617+1 (sensitive receptor: C576)			
** DISCCART	406837.502871182	3758137.50198172	343.70	1.50
** receptor	=B618+1 (sensitive receptor: C577)			
** DISCCART	406862.496025243	3758512.50565081	368.30	1.50
** receptor	=B619+1 (sensitive receptor: C578)			
** DISCCART	406862.496025243	3758487.50074049	370.70	1.50
** receptor	=B620+1 (sensitive receptor: C579)			
** DISCCART	406862.496025243	3758462.50582813	373.90	1.50
** receptor	=B621+1 (sensitive receptor: C580)			
** DISCCART	406862.496025243	3758437.50091781	377.20	1.50
** receptor	=B622+1 (sensitive receptor: C581)			
** DISCCART	406862.496025243	3758412.50600545	380.50	1.50
** receptor	=B623+1 (sensitive receptor: C582)			
** DISCCART	406862.496025243	3758387.50109513	381.40	1.50
** receptor	=B624+1 (sensitive receptor: C583)			
** DISCCART	406862.496025243	3758362.50618277	380.50	1.50
** receptor	=B625+1 (sensitive receptor: C584)			
** DISCCART	406862.496025243	3758337.50127244	380.40	1.50
** receptor	=B626+1 (sensitive receptor: C585)			
** DISCCART	406862.496025243	3758312.50636009	375.50	1.50
** receptor	=B627+1 (sensitive receptor: C586)			
** DISCCART	406862.496025243	3758287.50144976	364.00	1.50
** receptor	=B628+1 (sensitive receptor: C587)			
** DISCCART	406862.496025243	3758262.50653741	358.60	1.50
** receptor	=B629+1 (sensitive receptor: C588)			
** DISCCART	406862.496025243	3758237.50162708	358.40	1.50
** receptor	=B630+1 (sensitive receptor: C589)			
** DISCCART	406862.496025243	3758212.50671473	358.40	1.50
** receptor	=B631+1 (sensitive receptor: C590)			

Appendix B

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** DISCCART	406862.496025243	3758187.5018044	357.50	1.50
** receptor	=B632+1 (sensitive receptor: C591)			
** DISCCART	406862.496025243	3758162.50689204	357.50	1.50
** receptor	=B633+1 (sensitive receptor: C592)			
** DISCCART	406862.496025243	3758137.50198172	355.20	1.50
** receptor	=B634+1 (sensitive receptor: C593)			
** DISCCART	406887.497425149	3758512.50565081	373.20	1.50
** receptor	=B635+1 (sensitive receptor: C594)			
** DISCCART	406887.497425149	3758487.50074049	373.90	1.50
** receptor	=B636+1 (sensitive receptor: C595)			
** DISCCART	406887.497425149	3758462.50582813	375.30	1.50
** receptor	=B637+1 (sensitive receptor: C596)			
** DISCCART	406887.497425149	3758437.50091781	379.80	1.50
** receptor	=B638+1 (sensitive receptor: C597)			
** DISCCART	406887.497425149	3758412.50600545	381.80	1.50
** receptor	=B639+1 (sensitive receptor: C598)			
** DISCCART	406887.497425149	3758387.50109513	383.80	1.50
** receptor	=B640+1 (sensitive receptor: C599)			
** DISCCART	406887.497425149	3758362.50618277	383.40	1.50
** receptor	=B641+1 (sensitive receptor: C600)			
** DISCCART	406887.497425149	3758337.50127244	380.50	1.50
** receptor	=B642+1 (sensitive receptor: C601)			
** DISCCART	406887.497425149	3758312.50636009	370.50	1.50
** receptor	=B643+1 (sensitive receptor: C602)			
** DISCCART	406887.497425149	3758287.50144976	358.20	1.50
** receptor	=B644+1 (sensitive receptor: C603)			
** DISCCART	406887.497425149	3758262.50653741	360.10	1.50
** receptor	=B645+1 (sensitive receptor: C604)			
** DISCCART	406887.497425149	3758237.50162708	363.40	1.50
** receptor	=B646+1 (sensitive receptor: C605)			
** DISCCART	406887.497425149	3758212.50671473	366.60	1.50
** receptor	=B647+1 (sensitive receptor: C606)			
** DISCCART	406887.497425149	3758187.5018044	365.90	1.50
** receptor	=B648+1 (sensitive receptor: C607)			
** DISCCART	406887.497425149	3758162.50689204	365.90	1.50
** receptor	=B649+1 (sensitive receptor: C608)			
** DISCCART	406887.497425149	3758137.50198172	366.60	1.50
** receptor	=B650+1 (sensitive receptor: C609)			
** DISCCART	406912.498825054	3758512.50565081	376.10	1.50
** receptor	=B651+1 (sensitive receptor: C610)			
** DISCCART	406912.498825054	3758487.50074049	377.20	1.50
** receptor	=B652+1 (sensitive receptor: C611)			
** DISCCART	406912.498825054	3758462.50582813	377.20	1.50
** receptor	=B653+1 (sensitive receptor: C612)			
** DISCCART	406912.498825054	3758437.50091781	380.50	1.50
** receptor	=B654+1 (sensitive receptor: C613)			
** DISCCART	406912.498825054	3758412.50600545	385.50	1.50
** receptor	=B655+1 (sensitive receptor: C614)			
** DISCCART	406912.498825054	3758387.50109513	387.00	1.50
** receptor	=B656+1 (sensitive receptor: C615)			
** DISCCART	406912.498825054	3758362.50618277	383.80	1.50
** receptor	=B657+1 (sensitive receptor: C616)			
** DISCCART	406912.498825054	3758337.50127244	380.40	1.50
** receptor	=B658+1 (sensitive receptor: C617)			
** DISCCART	406912.498825054	3758312.50636009	366.30	1.50
** receptor	=B659+1 (sensitive receptor: C618)			
** DISCCART	406912.498825054	3758287.50144976	357.60	1.50
** receptor	=B660+1 (sensitive receptor: C619)			
** DISCCART	406912.498825054	3758262.50653741	367.20	1.50
** receptor	=B661+1 (sensitive receptor: C620)			
** DISCCART	406912.498825054	3758237.50162708	375.80	1.50
** receptor	=B662+1 (sensitive receptor: C621)			
** DISCCART	406912.498825054	3758212.50671473	376.90	1.50
** receptor	=B663+1 (sensitive receptor: C622)			
** DISCCART	406912.498825054	3758187.5018044	375.80	1.50
** receptor	=B664+1 (sensitive receptor: C623)			
** DISCCART	406912.498825054	3758162.50689204	375.80	1.50
** receptor	=B665+1 (sensitive receptor: C624)			
** DISCCART	406912.498825054	3758137.50198172	375.80	1.50
** receptor	=B666+1 (sensitive receptor: C625)			
** DISCCART	406937.50022496	3758512.50565081	380.50	1.50
** receptor	=B667+1 (sensitive receptor: C626)			
** DISCCART	406937.50022496	3758487.50074049	380.50	1.50
** receptor	=B668+1 (sensitive receptor: C627)			
** DISCCART	406937.50022496	3758462.50582813	380.10	1.50
** receptor	=B669+1 (sensitive receptor: C628)			

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** DISCCART	406937.50022496	3758437.50091781	380.60	1.50
** receptor	=B670+1 (sensitive receptor: C629)			
** DISCCART	406937.50022496	3758412.50600545	386.70	1.50
** receptor	=B671+1 (sensitive receptor: C630)			
** DISCCART	406937.50022496	3758387.50109513	387.00	1.50
** receptor	=B672+1 (sensitive receptor: C631)			
** DISCCART	406937.50022496	3758362.50618277	383.80	1.50
** receptor	=B673+1 (sensitive receptor: C632)			
** DISCCART	406937.50022496	3758337.50127244	377.80	1.50
** receptor	=B674+1 (sensitive receptor: C633)			
** DISCCART	406937.50022496	3758312.50636009	367.00	1.50
** receptor	=B675+1 (sensitive receptor: C634)			
** DISCCART	406937.50022496	3758287.50144976	371.90	1.50
** receptor	=B676+1 (sensitive receptor: C635)			
** DISCCART	406937.50022496	3758262.50653741	381.10	1.50
** receptor	=B677+1 (sensitive receptor: C636)			
** DISCCART	406937.50022496	3758237.50162708	389.70	1.50
** receptor	=B678+1 (sensitive receptor: C637)			
** DISCCART	406937.50022496	3758212.50671473	392.20	1.50
** receptor	=B679+1 (sensitive receptor: C638)			
** DISCCART	406937.50022496	3758187.5018044	392.20	1.50
** receptor	=B680+1 (sensitive receptor: C639)			
** DISCCART	406937.50022496	3758162.50689204	390.10	1.50
** receptor	=B681+1 (sensitive receptor: C640)			
** DISCCART	406937.50022496	3758137.50198172	386.30	1.50
** receptor	=B682+1 (sensitive receptor: C641)			
** DISCCART	406962.501624865	3758512.50565081	388.90	1.50
** receptor	=B683+1 (sensitive receptor: C642)			
** DISCCART	406962.501624865	3758487.50074049	388.90	1.50
** receptor	=B684+1 (sensitive receptor: C643)			
** DISCCART	406962.501624865	3758462.50582813	388.90	1.50
** receptor	=B685+1 (sensitive receptor: C644)			
** DISCCART	406962.501624865	3758437.50091781	388.00	1.50
** receptor	=B686+1 (sensitive receptor: C645)			
** DISCCART	406962.501624865	3758412.50600545	391.20	1.50
** receptor	=B687+1 (sensitive receptor: C646)			
** DISCCART	406962.501624865	3758387.50109513	390.20	1.50
** receptor	=B688+1 (sensitive receptor: C647)			
** DISCCART	406962.501624865	3758362.50618277	381.60	1.50
** receptor	=B689+1 (sensitive receptor: C648)			
** DISCCART	406962.501624865	3758337.50127244	377.10	1.50
** receptor	=B690+1 (sensitive receptor: C649)			
** DISCCART	406962.501624865	3758312.50636009	377.80	1.50
** receptor	=B691+1 (sensitive receptor: C650)			
** DISCCART	406962.501624865	3758287.50144976	384.80	1.50
** receptor	=B692+1 (sensitive receptor: C651)			
** DISCCART	406962.501624865	3758262.50653741	397.20	1.50
** receptor	=B693+1 (sensitive receptor: C652)			
** DISCCART	406962.501624865	3758237.50162708	401.10	1.50
** receptor	=B694+1 (sensitive receptor: C653)			
** DISCCART	406962.501624865	3758212.50671473	402.20	1.50
** receptor	=B695+1 (sensitive receptor: C654)			
** DISCCART	406962.501624865	3758187.5018044	403.40	1.50
** receptor	=B696+1 (sensitive receptor: C655)			
** DISCCART	406962.501624865	3758162.50689204	398.40	1.50
** receptor	=B697+1 (sensitive receptor: C656)			
** DISCCART	406962.501624865	3758137.50198172	390.20	1.50
** receptor	=B698+1 (sensitive receptor: C657)			
** DISCCART	406987.503024771	3758512.50565081	399.10	1.50
** receptor	=B699+1 (sensitive receptor: C658)			
** DISCCART	406987.503024771	3758487.50074049	399.40	1.50
** receptor	=B700+1 (sensitive receptor: C659)			
** DISCCART	406987.503024771	3758462.50582813	396.20	1.50
** receptor	=B701+1 (sensitive receptor: C660)			
** DISCCART	406987.503024771	3758437.50091781	396.20	1.50
** receptor	=B702+1 (sensitive receptor: C661)			
** DISCCART	406987.503024771	3758412.50600545	394.80	1.50
** receptor	=B703+1 (sensitive receptor: C662)			
** DISCCART	406987.503024771	3758387.50109513	390.20	1.50
** receptor	=B704+1 (sensitive receptor: C663)			
** DISCCART	406987.503024771	3758362.50618277	380.50	1.50
** receptor	=B705+1 (sensitive receptor: C664)			
** DISCCART	406987.503024771	3758337.50127244	377.20	1.50
** receptor	=B706+1 (sensitive receptor: C665)			
** DISCCART	406987.503024771	3758312.50636009	378.90	1.50
** receptor	=B707+1 (sensitive receptor: C666)			

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** receptor	DISCCART	406987.503024771	3758287.50144976	390.50	1.50
** receptor	=B708+1 (sensitive receptor: C667)				
** receptor	DISCCART	406987.503024771	3758262.50653741	403.10	1.50
** receptor	=B709+1 (sensitive receptor: C668)				
** receptor	DISCCART	406987.503024771	3758237.50162708	403.40	1.50
** receptor	=B710+1 (sensitive receptor: C669)				
** receptor	DISCCART	406987.503024771	3758212.50671473	403.80	1.50
** receptor	=B711+1 (sensitive receptor: C670)				
** receptor	DISCCART	406987.503024771	3758187.5018044	400.80	1.50
** receptor	=B712+1 (sensitive receptor: C671)				
** receptor	DISCCART	406987.503024771	3758162.50689204	391.30	1.50
** receptor	=B713+1 (sensitive receptor: C672)				
** receptor	DISCCART	406987.503024771	3758137.50198172	381.10	1.50
** receptor	=B714+1 (sensitive receptor: C673)				
** receptor	DISCCART	407012.504424677	3758512.50565081	403.40	1.50
** receptor	=B715+1 (sensitive receptor: C674)				
** receptor	DISCCART	407012.504424677	3758487.50074049	403.40	1.50
** receptor	=B716+1 (sensitive receptor: C675)				
** receptor	DISCCART	407012.504424677	3758462.50582813	403.40	1.50
** receptor	=B717+1 (sensitive receptor: C676)				
** receptor	DISCCART	407012.504424677	3758437.50091781	401.10	1.50
** receptor	=B718+1 (sensitive receptor: C677)				
** receptor	DISCCART	407012.504424677	3758412.50600545	398.40	1.50
** receptor	=B719+1 (sensitive receptor: C678)				
** receptor	DISCCART	407012.504424677	3758387.50109513	393.50	1.50
** receptor	=B720+1 (sensitive receptor: C679)				
** receptor	DISCCART	407012.504424677	3758362.50618277	387.70	1.50
** receptor	=B721+1 (sensitive receptor: C680)				
** receptor	DISCCART	407012.504424677	3758337.50127244	388.90	1.50
** receptor	=B722+1 (sensitive receptor: C681)				
** receptor	DISCCART	407012.504424677	3758312.50636009	388.90	1.50
** receptor	=B723+1 (sensitive receptor: C682)				
** receptor	DISCCART	407012.504424677	3758287.50144976	397.90	1.50
** receptor	=B724+1 (sensitive receptor: C683)				
** receptor	DISCCART	407012.504424677	3758262.50653741	402.50	1.50
** receptor	=B725+1 (sensitive receptor: C684)				
** receptor	DISCCART	407012.504424677	3758237.50162708	400.20	1.50
** receptor	=B726+1 (sensitive receptor: C685)				
** receptor	DISCCART	407012.504424677	3758212.50671473	398.40	1.50
** receptor	=B727+1 (sensitive receptor: C686)				
** receptor	DISCCART	407012.504424677	3758187.5018044	390.20	1.50
** receptor	=B728+1 (sensitive receptor: C687)				
** receptor	DISCCART	407012.504424677	3758162.50689204	379.30	1.50
** receptor	=B729+1 (sensitive receptor: C688)				
** receptor	DISCCART	407012.504424677	3758137.50198172	379.00	1.50
** receptor	=B730+1 (sensitive receptor: C689)				
** receptor	DISCCART	407037.497578738	3758512.50565081	404.80	1.50
** receptor	=B731+1 (sensitive receptor: C690)				
** receptor	DISCCART	407037.497578738	3758487.50074049	406.70	1.50
** receptor	=B732+1 (sensitive receptor: C691)				
** receptor	DISCCART	407037.497578738	3758462.50582813	406.30	1.50
** receptor	=B733+1 (sensitive receptor: C692)				
** receptor	DISCCART	407037.497578738	3758437.50091781	405.90	1.50
** receptor	=B734+1 (sensitive receptor: C693)				
** receptor	DISCCART	407037.497578738	3758412.50600545	403.10	1.50
** receptor	=B735+1 (sensitive receptor: C694)				
** receptor	DISCCART	407037.497578738	3758387.50109513	399.40	1.50
** receptor	=B736+1 (sensitive receptor: C695)				
** receptor	DISCCART	407037.497578738	3758362.50618277	399.40	1.50
** receptor	=B737+1 (sensitive receptor: C696)				
** receptor	DISCCART	407037.497578738	3758337.50127244	402.70	1.50
** receptor	=B738+1 (sensitive receptor: C697)				
** receptor	DISCCART	407037.497578738	3758312.50636009	402.70	1.50
** receptor	=B739+1 (sensitive receptor: C698)				
** receptor	DISCCART	407037.497578738	3758287.50144976	402.70	1.50
** receptor	=B740+1 (sensitive receptor: C699)				
** receptor	DISCCART	407037.497578738	3758262.50653741	400.20	1.50
** receptor	=B741+1 (sensitive receptor: C700)				
** receptor	DISCCART	407037.497578738	3758237.50162708	397.60	1.50
** receptor	=B742+1 (sensitive receptor: C701)				
** receptor	DISCCART	407037.497578738	3758212.50671473	396.50	1.50
** receptor	=B743+1 (sensitive receptor: C702)				
** receptor	DISCCART	407037.497578738	3758187.5018044	398.00	1.50
** receptor	=B744+1 (sensitive receptor: C703)				
** receptor	DISCCART	407037.497578738	3758162.50689204	398.70	1.50
** receptor	=B745+1 (sensitive receptor: C704)				

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** DISCCART	407037.497578738	3758137.50198172	398.70	1.50
** receptor	=B746+1 (sensitive receptor: C705)			
** DISCCART	407062.498978644	3758512.50565081	406.10	1.50
** receptor	=B747+1 (sensitive receptor: C706)			
** DISCCART	407062.498978644	3758487.50074049	410.90	1.50
** receptor	=B748+1 (sensitive receptor: C707)			
** DISCCART	407062.498978644	3758462.50582813	410.90	1.50
** receptor	=B749+1 (sensitive receptor: C708)			
** DISCCART	407062.498978644	3758437.50091781	410.80	1.50
** receptor	=B750+1 (sensitive receptor: C709)			
** DISCCART	407062.498978644	3758412.50600545	407.60	1.50
** receptor	=B751+1 (sensitive receptor: C710)			
** DISCCART	407062.498978644	3758387.50109513	404.40	1.50
** receptor	=B752+1 (sensitive receptor: C711)			
** DISCCART	407062.498978644	3758362.50618277	404.40	1.50
** receptor	=B753+1 (sensitive receptor: C712)			
** DISCCART	407062.498978644	3758337.50127244	406.70	1.50
** receptor	=B754+1 (sensitive receptor: C713)			
** DISCCART	407062.498978644	3758312.50636009	406.70	1.50
** receptor	=B755+1 (sensitive receptor: C714)			
** DISCCART	407062.498978644	3758287.50144976	404.30	1.50
** receptor	=B756+1 (sensitive receptor: C715)			
** DISCCART	407062.498978644	3758262.50653741	402.20	1.50
** receptor	=B757+1 (sensitive receptor: C716)			
** DISCCART	407062.498978644	3758237.50162708	400.20	1.50
** receptor	=B758+1 (sensitive receptor: C717)			
** DISCCART	407062.498978644	3758212.50671473	402.30	1.50
** receptor	=B759+1 (sensitive receptor: C718)			
** DISCCART	407062.498978644	3758187.5018044	403.40	1.50
** receptor	=B760+1 (sensitive receptor: C719)			
** DISCCART	407062.498978644	3758162.50689204	403.40	1.50
** receptor	=B761+1 (sensitive receptor: C720)			
** DISCCART	407062.498978644	3758137.50198172	403.40	1.50
** receptor	=B762+1 (sensitive receptor: C721)			
** DISCCART	407087.500378549	3758512.50565081	414.30	1.50
** receptor	=B763+1 (sensitive receptor: C722)			
** DISCCART	407087.500378549	3758487.50074049	416.60	1.50
** receptor	=B764+1 (sensitive receptor: C723)			
** DISCCART	407087.500378549	3758462.50582813	419.10	1.50
** receptor	=B765+1 (sensitive receptor: C724)			
** DISCCART	407087.500378549	3758437.50091781	416.50	1.50
** receptor	=B766+1 (sensitive receptor: C725)			
** DISCCART	407087.500378549	3758412.50600545	414.50	1.50
** receptor	=B767+1 (sensitive receptor: C726)			
** DISCCART	407087.500378549	3758387.50109513	412.60	1.50
** receptor	=B768+1 (sensitive receptor: C727)			
** DISCCART	407087.500378549	3758362.50618277	412.60	1.50
** receptor	=B769+1 (sensitive receptor: C728)			
** DISCCART	407087.500378549	3758337.50127244	412.60	1.50
** receptor	=B770+1 (sensitive receptor: C729)			
** DISCCART	407087.500378549	3758312.50636009	412.60	1.50
** receptor	=B771+1 (sensitive receptor: C730)			
** DISCCART	407087.500378549	3758287.50144976	412.50	1.50
** receptor	=B772+1 (sensitive receptor: C731)			
** DISCCART	407087.500378549	3758262.50653741	409.30	1.50
** receptor	=B773+1 (sensitive receptor: C732)			
** DISCCART	407087.500378549	3758237.50162708	406.00	1.50
** receptor	=B774+1 (sensitive receptor: C733)			
** DISCCART	407087.500378549	3758212.50671473	406.00	1.50
** receptor	=B775+1 (sensitive receptor: C734)			
** DISCCART	407087.500378549	3758187.5018044	406.70	1.50
** receptor	=B776+1 (sensitive receptor: C735)			
** DISCCART	407087.500378549	3758162.50689204	406.70	1.50
** receptor	=B777+1 (sensitive receptor: C736)			
** DISCCART	407087.500378549	3758137.50198172	406.70	1.50
** receptor	=B778+1 (sensitive receptor: C737)			
** DISCCART	407112.501778455	3758512.50565081	419.20	1.50
** receptor	=B779+1 (sensitive receptor: C738)			
** DISCCART	407112.501778455	3758487.50074049	424.00	1.50
** receptor	=B780+1 (sensitive receptor: C739)			
** DISCCART	407112.501778455	3758462.50582813	424.00	1.50
** receptor	=B781+1 (sensitive receptor: C740)			
** DISCCART	407112.501778455	3758437.50091781	424.00	1.50
** receptor	=B782+1 (sensitive receptor: C741)			
** DISCCART	407112.501778455	3758412.50600545	420.30	1.50
** receptor	=B783+1 (sensitive receptor: C742)			

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** DISCCART	407112.501778455	3758387.50109513	416.60	1.50
** receptor	=B784+1 (sensitive receptor: C743)			
** DISCCART	407112.501778455	3758362.50618277	416.60	1.50
** receptor	=B785+1 (sensitive receptor: C744)			
** DISCCART	407112.501778455	3758337.50127244	416.60	1.50
** receptor	=B786+1 (sensitive receptor: C745)			
** DISCCART	407112.501778455	3758312.50636009	417.00	1.50
** receptor	=B787+1 (sensitive receptor: C746)			
** DISCCART	407112.501778455	3758287.50144976	417.50	1.50
** receptor	=B788+1 (sensitive receptor: C747)			
** DISCCART	407112.501778455	3758262.50653741	417.00	1.50
** receptor	=B789+1 (sensitive receptor: C748)			
** DISCCART	407112.501778455	3758237.50162708	414.20	1.50
** receptor	=B790+1 (sensitive receptor: C749)			
** DISCCART	407112.501778455	3758212.50671473	413.70	1.50
** receptor	=B791+1 (sensitive receptor: C750)			
** DISCCART	407112.501778455	3758187.5018044	413.30	1.50
** receptor	=B792+1 (sensitive receptor: C751)			
** DISCCART	407112.501778455	3758162.50689204	410.90	1.50
** receptor	=B793+1 (sensitive receptor: C752)			
** DISCCART	407112.501778455	3758137.50198172	407.50	1.50
** receptor	=B794+1 (sensitive receptor: C753)			
** DISCCART	407137.50317836	3758512.50565081	427.40	1.50
** receptor	=B795+1 (sensitive receptor: C754)			
** DISCCART	407137.50317836	3758487.50074049	434.90	1.50
** receptor	=B796+1 (sensitive receptor: C755)			
** DISCCART	407137.50317836	3758462.50582813	435.20	1.50
** receptor	=B797+1 (sensitive receptor: C756)			
** DISCCART	407137.50317836	3758437.50091781	429.00	1.50
** receptor	=B798+1 (sensitive receptor: C757)			
** DISCCART	407137.50317836	3758412.50600545	426.00	1.50
** receptor	=B799+1 (sensitive receptor: C758)			
** DISCCART	407137.50317836	3758387.50109513	422.30	1.50
** receptor	=B800+1 (sensitive receptor: C759)			
** DISCCART	407137.50317836	3758362.50618277	419.80	1.50
** receptor	=B801+1 (sensitive receptor: C760)			
** DISCCART	407137.50317836	3758337.50127244	422.40	1.50
** receptor	=B802+1 (sensitive receptor: C761)			
** DISCCART	407137.50317836	3758312.50636009	422.40	1.50
** receptor	=B803+1 (sensitive receptor: C762)			
** DISCCART	407137.50317836	3758287.50144976	425.70	1.50
** receptor	=B804+1 (sensitive receptor: C763)			
** DISCCART	407137.50317836	3758262.50653741	422.70	1.50
** receptor	=B805+1 (sensitive receptor: C764)			
** DISCCART	407137.50317836	3758237.50162708	422.30	1.50
** receptor	=B806+1 (sensitive receptor: C765)			
** DISCCART	407137.50317836	3758212.50671473	417.80	1.50
** receptor	=B807+1 (sensitive receptor: C766)			
** DISCCART	407137.50317836	3758187.5018044	419.10	1.50
** receptor	=B808+1 (sensitive receptor: C767)			
** DISCCART	407137.50317836	3758162.50689204	419.10	1.50
** receptor	=B809+1 (sensitive receptor: C768)			
** DISCCART	407137.50317836	3758137.50198172	415.70	1.50
** receptor	=B810+1 (sensitive receptor: C769)			
** DISCCART	407162.496332422	3758512.50565081	434.40	1.50
** receptor	=B811+1 (sensitive receptor: C770)			
** DISCCART	407162.496332422	3758487.50074049	441.60	1.50
** receptor	=B812+1 (sensitive receptor: C771)			
** DISCCART	407162.496332422	3758462.50582813	446.20	1.50
** receptor	=B813+1 (sensitive receptor: C772)			
** DISCCART	407162.496332422	3758437.50091781	437.10	1.50
** receptor	=B814+1 (sensitive receptor: C773)			
** DISCCART	407162.496332422	3758412.50600545	432.20	1.50
** receptor	=B815+1 (sensitive receptor: C774)			
** DISCCART	407162.496332422	3758387.50109513	430.50	1.50
** receptor	=B816+1 (sensitive receptor: C775)			
** DISCCART	407162.496332422	3758362.50618277	427.30	1.50
** receptor	=B817+1 (sensitive receptor: C776)			
** DISCCART	407162.496332422	3758337.50127244	427.30	1.50
** receptor	=B818+1 (sensitive receptor: C777)			
** DISCCART	407162.496332422	3758312.50636009	430.60	1.50
** receptor	=B819+1 (sensitive receptor: C778)			
** DISCCART	407162.496332422	3758287.50144976	430.60	1.50
** receptor	=B820+1 (sensitive receptor: C779)			
** DISCCART	407162.496332422	3758262.50653741	430.60	1.50
** receptor	=B821+1 (sensitive receptor: C780)			

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** DISCCART	407162.496332422	3758237.50162708	431.50	1.50
** receptor	=B822+1 (sensitive receptor: C781)			
** DISCCART	407162.496332422	3758212.50671473	432.00	1.50
** receptor	=B823+1 (sensitive receptor: C782)			
** DISCCART	407162.496332422	3758187.5018044	432.40	1.50
** receptor	=B824+1 (sensitive receptor: C783)			
** DISCCART	407162.496332422	3758162.50689204	431.50	1.50
** receptor	=B825+1 (sensitive receptor: C784)			
** DISCCART	407162.496332422	3758137.50198172	424.90	1.50
** receptor	=B826+1 (sensitive receptor: C785)			
** DISCCART	407187.497732327	3758512.50565081	459.60	1.50
** receptor	=B827+1 (sensitive receptor: C786)			
** DISCCART	407187.497732327	3758487.50074049	465.00	1.50
** receptor	=B828+1 (sensitive receptor: C787)			
** DISCCART	407187.497732327	3758462.50582813	457.10	1.50
** receptor	=B829+1 (sensitive receptor: C788)			
** DISCCART	407187.497732327	3758437.50091781	447.90	1.50
** receptor	=B830+1 (sensitive receptor: C789)			
** DISCCART	407187.497732327	3758412.50600545	439.10	1.50
** receptor	=B831+1 (sensitive receptor: C790)			
** DISCCART	407187.497732327	3758387.50109513	435.50	1.50
** receptor	=B832+1 (sensitive receptor: C791)			
** DISCCART	407187.497732327	3758362.50618277	435.50	1.50
** receptor	=B833+1 (sensitive receptor: C792)			
** DISCCART	407187.497732327	3758337.50127244	435.50	1.50
** receptor	=B834+1 (sensitive receptor: C793)			
** DISCCART	407187.497732327	3758312.50636009	435.90	1.50
** receptor	=B835+1 (sensitive receptor: C794)			
** DISCCART	407187.497732327	3758287.50144976	438.80	1.50
** receptor	=B836+1 (sensitive receptor: C795)			
** DISCCART	407187.497732327	3758262.50653741	439.20	1.50
** receptor	=B837+1 (sensitive receptor: C796)			
** DISCCART	407187.497732327	3758237.50162708	442.10	1.50
** receptor	=B838+1 (sensitive receptor: C797)			
** DISCCART	407187.497732327	3758212.50671473	446.70	1.50
** receptor	=B839+1 (sensitive receptor: C798)			
** DISCCART	407187.497732327	3758187.5018044	451.20	1.50
** receptor	=B840+1 (sensitive receptor: C799)			
** DISCCART	407187.497732327	3758162.50689204	449.10	1.50
** receptor	=B841+1 (sensitive receptor: C800)			
** DISCCART	407187.497732327	3758137.50198172	441.30	1.50
** receptor	=B842+1 (sensitive receptor: C801)			
** DISCCART	407212.499132233	3758512.50565081	465.80	1.50
** receptor	=B843+1 (sensitive receptor: C802)			
** DISCCART	407212.499132233	3758487.50074049	466.70	1.50
** receptor	=B844+1 (sensitive receptor: C803)			
** DISCCART	407212.499132233	3758462.50582813	462.90	1.50
** receptor	=B845+1 (sensitive receptor: C804)			
** DISCCART	407212.499132233	3758437.50091781	462.40	1.50
** receptor	=B846+1 (sensitive receptor: C805)			
** DISCCART	407212.499132233	3758412.50600545	451.90	1.50
** receptor	=B847+1 (sensitive receptor: C806)			
** DISCCART	407212.499132233	3758387.50109513	443.70	1.50
** receptor	=B848+1 (sensitive receptor: C807)			
** DISCCART	407212.499132233	3758362.50618277	443.20	1.50
** receptor	=B849+1 (sensitive receptor: C808)			
** DISCCART	407212.499132233	3758337.50127244	442.80	1.50
** receptor	=B850+1 (sensitive receptor: C809)			
** DISCCART	407212.499132233	3758312.50636009	443.20	1.50
** receptor	=B851+1 (sensitive receptor: C810)			
** DISCCART	407212.499132233	3758287.50144976	443.70	1.50
** receptor	=B852+1 (sensitive receptor: C811)			
** DISCCART	407212.499132233	3758262.50653741	446.60	1.50
** receptor	=B853+1 (sensitive receptor: C812)			
** DISCCART	407212.499132233	3758237.50162708	449.50	1.50
** receptor	=B854+1 (sensitive receptor: C813)			
** DISCCART	407212.499132233	3758212.50671473	458.60	1.50
** receptor	=B855+1 (sensitive receptor: C814)			
** DISCCART	407212.499132233	3758187.5018044	462.50	1.50
** receptor	=B856+1 (sensitive receptor: C815)			
** DISCCART	407212.499132233	3758162.50689204	460.80	1.50
** receptor	=B857+1 (sensitive receptor: C816)			
** DISCCART	407212.499132233	3758137.50198172	449.20	1.50
** receptor	=B858+1 (sensitive receptor: C817)			
** DISCCART	407237.500532139	3758512.50565081	469.00	1.50
** receptor	=B859+1 (sensitive receptor: C818)			

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** DISCCART	407237.500532139	3758487.50074049	471.60	1.50
** receptor	=B860+1 (sensitive receptor: C819)			
** DISCCART	407237.500532139	3758462.50582813	471.30	1.50
** receptor	=B861+1 (sensitive receptor: C820)			
** DISCCART	407237.500532139	3758437.50091781	468.30	1.50
** receptor	=B862+1 (sensitive receptor: C821)			
** DISCCART	407237.500532139	3758412.50600545	460.10	1.50
** receptor	=B863+1 (sensitive receptor: C822)			
** DISCCART	407237.500532139	3758387.50109513	451.90	1.50
** receptor	=B864+1 (sensitive receptor: C823)			
** DISCCART	407237.500532139	3758362.50618277	448.60	1.50
** receptor	=B865+1 (sensitive receptor: C824)			
** DISCCART	407237.500532139	3758337.50127244	448.60	1.50
** receptor	=B866+1 (sensitive receptor: C825)			
** DISCCART	407237.500532139	3758312.50636009	450.00	1.50
** receptor	=B867+1 (sensitive receptor: C826)			
** DISCCART	407237.500532139	3758287.50144976	451.90	1.50
** receptor	=B868+1 (sensitive receptor: C827)			
** DISCCART	407237.500532139	3758262.50653741	452.30	1.50
** receptor	=B869+1 (sensitive receptor: C828)			
** DISCCART	407237.500532139	3758237.50162708	452.70	1.50
** receptor	=B870+1 (sensitive receptor: C829)			
** DISCCART	407237.500532139	3758212.50671473	459.60	1.50
** receptor	=B871+1 (sensitive receptor: C830)			
** DISCCART	407237.500532139	3758187.5018044	459.90	1.50
** receptor	=B872+1 (sensitive receptor: C831)			
** DISCCART	407237.500532139	3758162.50689204	454.90	1.50
** receptor	=B873+1 (sensitive receptor: C832)			
** DISCCART	407237.500532139	3758137.50198172	446.70	1.50
** receptor	=B874+1 (sensitive receptor: C833)			
** DISCCART	407262.501932044	3758512.50565081	473.20	1.50
** receptor	=B875+1 (sensitive receptor: C834)			
** DISCCART	407262.501932044	3758487.50074049	475.60	1.50
** receptor	=B876+1 (sensitive receptor: C835)			
** DISCCART	407262.501932044	3758462.50582813	476.10	1.50
** receptor	=B877+1 (sensitive receptor: C836)			
** DISCCART	407262.501932044	3758437.50091781	479.90	1.50
** receptor	=B878+1 (sensitive receptor: C837)			
** DISCCART	407262.501932044	3758412.50600545	475.10	1.50
** receptor	=B879+1 (sensitive receptor: C838)			
** DISCCART	407262.501932044	3758387.50109513	459.10	1.50
** receptor	=B880+1 (sensitive receptor: C839)			
** DISCCART	407262.501932044	3758362.50618277	453.60	1.50
** receptor	=B881+1 (sensitive receptor: C840)			
** DISCCART	407262.501932044	3758337.50127244	453.60	1.50
** receptor	=B882+1 (sensitive receptor: C841)			
** DISCCART	407262.501932044	3758312.50636009	456.80	1.50
** receptor	=B883+1 (sensitive receptor: C842)			
** DISCCART	407262.501932044	3758287.50144976	456.90	1.50
** receptor	=B884+1 (sensitive receptor: C843)			
** DISCCART	407262.501932044	3758262.50653741	459.20	1.50
** receptor	=B885+1 (sensitive receptor: C844)			
** DISCCART	407262.501932044	3758237.50162708	456.80	1.50
** receptor	=B886+1 (sensitive receptor: C845)			
** DISCCART	407262.501932044	3758212.50671473	453.80	1.50
** receptor	=B887+1 (sensitive receptor: C846)			
** DISCCART	407262.501932044	3758187.5018044	451.70	1.50
** receptor	=B888+1 (sensitive receptor: C847)			
** DISCCART	407262.501932044	3758162.50689204	448.30	1.50
** receptor	=B889+1 (sensitive receptor: C848)			
** DISCCART	407262.501932044	3758137.50198172	441.80	1.50
** receptor	=B890+1 (sensitive receptor: C849)			
** DISCCART	407287.50333195	3758512.50565081	479.90	1.50
** receptor	=B891+1 (sensitive receptor: C850)			
** DISCCART	407287.50333195	3758487.50074049	478.20	1.50
** receptor	=B892+1 (sensitive receptor: C851)			
** DISCCART	407287.50333195	3758462.50582813	481.80	1.50
** receptor	=B893+1 (sensitive receptor: C852)			
** DISCCART	407287.50333195	3758437.50091781	484.70	1.50
** receptor	=B894+1 (sensitive receptor: C853)			
** DISCCART	407287.50333195	3758412.50600545	481.80	1.50
** receptor	=B895+1 (sensitive receptor: C854)			
** DISCCART	407287.50333195	3758387.50109513	467.40	1.50
** receptor	=B896+1 (sensitive receptor: C855)			
** DISCCART	407287.50333195	3758362.50618277	457.10	1.50
** receptor	=B897+1 (sensitive receptor: C856)			

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** DISCCART	407287.50333195	3758337.50127244	459.20	1.50
** receptor	=B898+1 (sensitive receptor: C857)			
** DISCCART	407287.50333195	3758312.50636009	461.80	1.50
** receptor	=B899+1 (sensitive receptor: C858)			
** DISCCART	407287.50333195	3758287.50144976	462.50	1.50
** receptor	=B900+1 (sensitive receptor: C859)			
** DISCCART	407287.50333195	3758262.50653741	462.50	1.50
** receptor	=B901+1 (sensitive receptor: C860)			
** DISCCART	407287.50333195	3758237.50162708	455.90	1.50
** receptor	=B902+1 (sensitive receptor: C861)			
** DISCCART	407287.50333195	3758212.50671473	445.80	1.50
** receptor	=B903+1 (sensitive receptor: C862)			
** DISCCART	407287.50333195	3758187.5018044	443.60	1.50
** receptor	=B904+1 (sensitive receptor: C863)			
** DISCCART	407287.50333195	3758162.50689204	445.70	1.50
** receptor	=B905+1 (sensitive receptor: C864)			
** DISCCART	407287.50333195	3758137.50198172	439.50	1.50
** receptor	=B906+1 (sensitive receptor: C865)			
** DISCCART	407312.496486011	3758512.50565081	492.30	1.50
** receptor	=B907+1 (sensitive receptor: C866)			
** DISCCART	407312.496486011	3758487.50074049	496.10	1.50
** receptor	=B908+1 (sensitive receptor: C867)			
** DISCCART	407312.496486011	3758462.50582813	491.20	1.50
** receptor	=B909+1 (sensitive receptor: C868)			
** DISCCART	407312.496486011	3758437.50091781	488.60	1.50
** receptor	=B910+1 (sensitive receptor: C869)			
** DISCCART	407312.496486011	3758412.50600545	485.40	1.50
** receptor	=B911+1 (sensitive receptor: C870)			
** DISCCART	407312.496486011	3758387.50109513	475.50	1.50
** receptor	=B912+1 (sensitive receptor: C871)			
** DISCCART	407312.496486011	3758362.50618277	461.20	1.50
** receptor	=B913+1 (sensitive receptor: C872)			
** DISCCART	407312.496486011	3758337.50127244	459.30	1.50
** receptor	=B914+1 (sensitive receptor: C873)			
** DISCCART	407312.496486011	3758312.50636009	462.00	1.50
** receptor	=B915+1 (sensitive receptor: C874)			
** DISCCART	407312.496486011	3758287.50144976	461.50	1.50
** receptor	=B916+1 (sensitive receptor: C875)			
** DISCCART	407312.496486011	3758262.50653741	456.60	1.50
** receptor	=B917+1 (sensitive receptor: C876)			
** DISCCART	407312.496486011	3758237.50162708	445.10	1.50
** receptor	=B918+1 (sensitive receptor: C877)			
** DISCCART	407312.496486011	3758212.50671473	438.60	1.50
** receptor	=B919+1 (sensitive receptor: C878)			
** DISCCART	407312.496486011	3758187.5018044	438.60	1.50
** receptor	=B920+1 (sensitive receptor: C879)			
** DISCCART	407312.496486011	3758162.50689204	442.80	1.50
** receptor	=B921+1 (sensitive receptor: C880)			
** DISCCART	407312.496486011	3758137.50198172	443.60	1.50
** receptor	=B922+1 (sensitive receptor: C881)			
** DISCCART	407337.497885917	3758512.50565081	502.80	1.50
** receptor	=B923+1 (sensitive receptor: C882)			
** DISCCART	407337.497885917	3758487.50074049	501.80	1.50
** receptor	=B924+1 (sensitive receptor: C883)			
** DISCCART	407337.497885917	3758462.50582813	496.80	1.50
** receptor	=B925+1 (sensitive receptor: C884)			
** DISCCART	407337.497885917	3758437.50091781	491.20	1.50
** receptor	=B926+1 (sensitive receptor: C885)			
** DISCCART	407337.497885917	3758412.50600545	485.40	1.50
** receptor	=B927+1 (sensitive receptor: C886)			
** DISCCART	407337.497885917	3758387.50109513	478.70	1.50
** receptor	=B928+1 (sensitive receptor: C887)			
** DISCCART	407337.497885917	3758362.50618277	460.80	1.50
** receptor	=B929+1 (sensitive receptor: C888)			
** DISCCART	407337.497885917	3758337.50127244	456.60	1.50
** receptor	=B930+1 (sensitive receptor: C889)			
** DISCCART	407337.497885917	3758312.50636009	453.70	1.50
** receptor	=B931+1 (sensitive receptor: C890)			
** DISCCART	407337.497885917	3758287.50144976	450.10	1.50
** receptor	=B932+1 (sensitive receptor: C891)			
** DISCCART	407337.497885917	3758262.50653741	445.50	1.50
** receptor	=B933+1 (sensitive receptor: C892)			
** DISCCART	407337.497885917	3758237.50162708	440.20	1.50
** receptor	=B934+1 (sensitive receptor: C893)			
** DISCCART	407337.497885917	3758212.50671473	434.50	1.50
** receptor	=B935+1 (sensitive receptor: C894)			

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** DISCCART	407337.497885917	3758187.5018044	433.80	1.50
** receptor	=B936+1 (sensitive receptor: C895)			
** DISCCART	407337.497885917	3758162.50689204	441.20	1.50
** receptor	=B937+1 (sensitive receptor: C896)			
** DISCCART	407337.497885917	3758137.50198172	442.90	1.50
** receptor	=B938+1 (sensitive receptor: C897)			
** DISCCART	407362.499285822	3758512.50565081	502.60	1.50
** receptor	=B939+1 (sensitive receptor: C898)			
** DISCCART	407362.499285822	3758487.50074049	501.80	1.50
** receptor	=B940+1 (sensitive receptor: C899)			
** DISCCART	407362.499285822	3758462.50582813	496.80	1.50
** receptor	=B941+1 (sensitive receptor: C900)			
** DISCCART	407362.499285822	3758437.50091781	490.90	1.50
** receptor	=B942+1 (sensitive receptor: C901)			
** DISCCART	407362.499285822	3758412.50600545	485.40	1.50
** receptor	=B943+1 (sensitive receptor: C902)			
** DISCCART	407362.499285822	3758387.50109513	478.80	1.50
** receptor	=B944+1 (sensitive receptor: C903)			
** DISCCART	407362.499285822	3758362.50618277	464.50	1.50
** receptor	=B945+1 (sensitive receptor: C904)			
** DISCCART	407362.499285822	3758337.50127244	456.80	1.50
** receptor	=B946+1 (sensitive receptor: C905)			
** DISCCART	407362.499285822	3758312.50636009	448.10	1.50
** receptor	=B947+1 (sensitive receptor: C906)			
** DISCCART	407362.499285822	3758287.50144976	441.90	1.50
** receptor	=B948+1 (sensitive receptor: C907)			
** DISCCART	407362.499285822	3758262.50653741	436.90	1.50
** receptor	=B949+1 (sensitive receptor: C908)			
** DISCCART	407362.499285822	3758237.50162708	424.60	1.50
** receptor	=B950+1 (sensitive receptor: C909)			
** DISCCART	407362.499285822	3758212.50671473	424.10	1.50
** receptor	=B951+1 (sensitive receptor: C910)			
** DISCCART	407362.499285822	3758187.5018044	421.30	1.50
** receptor	=B952+1 (sensitive receptor: C911)			
** DISCCART	407362.499285822	3758162.50689204	428.40	1.50
** receptor	=B953+1 (sensitive receptor: C912)			
** DISCCART	407362.499285822	3758137.50198172	434.50	1.50
** receptor	=B954+1 (sensitive receptor: C913)			
** DISCCART	407387.500685728	3758512.50565081	498.90	1.50
** receptor	=B955+1 (sensitive receptor: C914)			
** DISCCART	407387.500685728	3758487.50074049	499.30	1.50
** receptor	=B956+1 (sensitive receptor: C915)			
** DISCCART	407387.500685728	3758462.50582813	492.20	1.50
** receptor	=B957+1 (sensitive receptor: C916)			
** DISCCART	407387.500685728	3758437.50091781	483.60	1.50
** receptor	=B958+1 (sensitive receptor: C917)			
** DISCCART	407387.500685728	3758412.50600545	482.50	1.50
** receptor	=B959+1 (sensitive receptor: C918)			
** DISCCART	407387.500685728	3758387.50109513	478.80	1.50
** receptor	=B960+1 (sensitive receptor: C919)			
** DISCCART	407387.500685728	3758362.50618277	467.30	1.50
** receptor	=B961+1 (sensitive receptor: C920)			
** DISCCART	407387.500685728	3758337.50127244	462.40	1.50
** receptor	=B962+1 (sensitive receptor: C921)			
** DISCCART	407387.500685728	3758312.50636009	451.80	1.50
** receptor	=B963+1 (sensitive receptor: C922)			
** DISCCART	407387.500685728	3758287.50144976	442.00	1.50
** receptor	=B964+1 (sensitive receptor: C923)			
** DISCCART	407387.500685728	3758262.50653741	430.80	1.50
** receptor	=B965+1 (sensitive receptor: C924)			
** DISCCART	407387.500685728	3758237.50162708	419.80	1.50
** receptor	=B966+1 (sensitive receptor: C925)			
** DISCCART	407387.500685728	3758212.50671473	408.90	1.50
** receptor	=B967+1 (sensitive receptor: C926)			
** DISCCART	407387.500685728	3758187.5018044	394.30	1.50
** receptor	=B968+1 (sensitive receptor: C927)			
** DISCCART	407387.500685728	3758162.50689204	394.70	1.50
** receptor	=B969+1 (sensitive receptor: C928)			
** DISCCART	407387.500685728	3758137.50198172	398.00	1.50
** receptor	=B970+1 (sensitive receptor: C929)			
** DISCCART	407412.502085634	3758512.50565081	496.20	1.50
** receptor	=B971+1 (sensitive receptor: C930)			
** DISCCART	407412.502085634	3758487.50074049	495.20	1.50
** receptor	=B972+1 (sensitive receptor: C931)			
** DISCCART	407412.502085634	3758462.50582813	487.40	1.50
** receptor	=B973+1 (sensitive receptor: C932)			

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** DISCCART	407412.502085634	3758437.50091781	478.80	1.50
** receptor	=B974+1 (sensitive receptor: C933)			
** DISCCART	407412.502085634	3758412.50600545	475.60	1.50
** receptor	=B975+1 (sensitive receptor: C934)			
** DISCCART	407412.502085634	3758387.50109513	475.60	1.50
** receptor	=B976+1 (sensitive receptor: C935)			
** DISCCART	407412.502085634	3758362.50618277	468.90	1.50
** receptor	=B977+1 (sensitive receptor: C936)			
** DISCCART	407412.502085634	3758337.50127244	462.40	1.50
** receptor	=B978+1 (sensitive receptor: C937)			
** DISCCART	407412.502085634	3758312.50636009	458.40	1.50
** receptor	=B979+1 (sensitive receptor: C938)			
** DISCCART	407412.502085634	3758287.50144976	447.80	1.50
** receptor	=B980+1 (sensitive receptor: C939)			
** DISCCART	407412.502085634	3758262.50653741	438.20	1.50
** receptor	=B981+1 (sensitive receptor: C940)			
** DISCCART	407412.502085634	3758237.50162708	424.90	1.50
** receptor	=B982+1 (sensitive receptor: C941)			
** DISCCART	407412.502085634	3758212.50671473	411.40	1.50
** receptor	=B983+1 (sensitive receptor: C942)			
** DISCCART	407412.502085634	3758187.5018044	399.60	1.50
** receptor	=B984+1 (sensitive receptor: C943)			
** DISCCART	407412.502085634	3758162.50689204	395.00	1.50
** receptor	=B985+1 (sensitive receptor: C944)			
** DISCCART	407412.502085634	3758137.50198172	390.30	1.50
** receptor	=B986+1 (sensitive receptor: C945)			
** DISCCART	407437.495239695	3758512.50565081	503.70	1.50
** receptor	=B987+1 (sensitive receptor: C946)			
** DISCCART	407437.495239695	3758487.50074049	503.70	1.50
** receptor	=B988+1 (sensitive receptor: C947)			
** DISCCART	407437.495239695	3758462.50582813	503.30	1.50
** receptor	=B989+1 (sensitive receptor: C948)			
** DISCCART	407437.495239695	3758437.50091781	494.10	1.50
** receptor	=B990+1 (sensitive receptor: C949)			
** DISCCART	407437.495239695	3758412.50600545	482.30	1.50
** receptor	=B991+1 (sensitive receptor: C950)			
** DISCCART	407437.495239695	3758387.50109513	475.50	1.50
** receptor	=B992+1 (sensitive receptor: C951)			
** DISCCART	407437.495239695	3758362.50618277	469.00	1.50
** receptor	=B993+1 (sensitive receptor: C952)			
** DISCCART	407437.495239695	3758337.50127244	465.80	1.50
** receptor	=B994+1 (sensitive receptor: C953)			
** DISCCART	407437.495239695	3758312.50636009	462.10	1.50
** receptor	=B995+1 (sensitive receptor: C954)			
** DISCCART	407437.495239695	3758287.50144976	458.40	1.50
** receptor	=B996+1 (sensitive receptor: C955)			
** DISCCART	407437.495239695	3758262.50653741	442.80	1.50
** receptor	=B997+1 (sensitive receptor: C956)			
** DISCCART	407437.495239695	3758237.50162708	432.20	1.50
** receptor	=B998+1 (sensitive receptor: C957)			
** DISCCART	407437.495239695	3758212.50671473	427.20	1.50
** receptor	=B999+1 (sensitive receptor: C958)			
** DISCCART	407437.495239695	3758187.5018044	424.90	1.50
** receptor	=B1000+1 (sensitive receptor: C959)			
** DISCCART	407437.495239695	3758162.50689204	420.00	1.50
** receptor	=B1001+1 (sensitive receptor: C960)			
** DISCCART	407437.495239695	3758137.50198172	409.50	1.50
** receptor	=B1002+1 (sensitive receptor: C961)			
** DISCCART	407462.4966396	3758512.50565081	519.20	1.50
** receptor	=B1003+1 (sensitive receptor: C962)			
** DISCCART	407462.4966396	3758487.50074049	519.20	1.50
** receptor	=B1004+1 (sensitive receptor: C963)			
** DISCCART	407462.4966396	3758462.50582813	522.90	1.50
** receptor	=B1005+1 (sensitive receptor: C964)			
** DISCCART	407462.4966396	3758437.50091781	512.40	1.50
** receptor	=B1006+1 (sensitive receptor: C965)			
** DISCCART	407462.4966396	3758412.50600545	490.10	1.50
** receptor	=B1007+1 (sensitive receptor: C966)			
** DISCCART	407462.4966396	3758387.50109513	475.50	1.50
** receptor	=B1008+1 (sensitive receptor: C967)			
** DISCCART	407462.4966396	3758362.50618277	463.10	1.50
** receptor	=B1009+1 (sensitive receptor: C968)			
** DISCCART	407462.4966396	3758337.50127244	461.60	1.50
** receptor	=B1010+1 (sensitive receptor: C969)			
** DISCCART	407462.4966396	3758312.50636009	461.60	1.50
** receptor	=B1011+1 (sensitive receptor: C970)			

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DISCCART 407462.4966396 3758287.50144976 462.50 1.50
 ** receptor =B1012+1 (sensitive receptor: C971)
 DISCCART 407462.4966396 3758262.50653741 456.30 1.50
 ** receptor =B1013+1 (sensitive receptor: C972)
 DISCCART 407462.4966396 3758237.50162708 442.30 1.50
 ** receptor =B1014+1 (sensitive receptor: C973)
 DISCCART 407462.4966396 3758212.50671473 437.60 1.50
 ** receptor =B1015+1 (sensitive receptor: C974)
 DISCCART 407462.4966396 3758187.5018044 434.80 1.50
 ** receptor =B1016+1 (sensitive receptor: C975)
 DISCCART 407462.4966396 3758162.50689204 429.80 1.50
 ** receptor =B1017+1 (sensitive receptor: C976)
 DISCCART 407462.4966396 3758137.50198172 424.90 1.50
 ** receptor =B1018+1 (sensitive receptor: C977)
 DISCCART 407487.498039506 3758512.50565081 518.10 1.50
 ** receptor =B1019+1 (sensitive receptor: C978)
 DISCCART 407487.498039506 3758487.50074049 528.10 1.50
 ** receptor =B1020+1 (sensitive receptor: C979)
 DISCCART 407487.498039506 3758462.50582813 526.70 1.50
 ** receptor =B1021+1 (sensitive receptor: C980)
 DISCCART 407487.498039506 3758437.50091781 512.20 1.50
 ** receptor =B1022+1 (sensitive receptor: C981)
 DISCCART 407487.498039506 3758412.50600545 488.90 1.50
 ** receptor =B1023+1 (sensitive receptor: C982)
 DISCCART 407487.498039506 3758387.50109513 472.90 1.50
 ** receptor =B1024+1 (sensitive receptor: C983)
 DISCCART 407487.498039506 3758362.50618277 462.10 1.50
 ** receptor =B1025+1 (sensitive receptor: C984)
 DISCCART 407487.498039506 3758337.50127244 459.20 1.50
 ** receptor =B1026+1 (sensitive receptor: C985)
 DISCCART 407487.498039506 3758312.50636009 459.20 1.50
 ** receptor =B1027+1 (sensitive receptor: C986)
 DISCCART 407487.498039506 3758287.50144976 461.80 1.50
 ** receptor =B1028+1 (sensitive receptor: C987)
 DISCCART 407487.498039506 3758262.50653741 461.80 1.50
 ** receptor =B1029+1 (sensitive receptor: C988)
 DISCCART 407487.498039506 3758237.50162708 458.50 1.50
 ** receptor =B1030+1 (sensitive receptor: C989)
 DISCCART 407487.498039506 3758212.50671473 454.80 1.50
 ** receptor =B1031+1 (sensitive receptor: C990)
 DISCCART 407487.498039506 3758187.5018044 447.90 1.50
 ** receptor =B1032+1 (sensitive receptor: C991)
 DISCCART 407487.498039506 3758162.50689204 444.60 1.50
 ** receptor =B1033+1 (sensitive receptor: C992)
 DISCCART 407487.498039506 3758137.50198172 441.30 1.50
 ** receptor =B1034+1 (sensitive receptor: C993)
 DISCCART 407512.499439412 3758512.50565081 491.60 1.50
 ** receptor =B1035+1 (sensitive receptor: C994)
 DISCCART 407512.499439412 3758487.50074049 495.00 1.50
 ** receptor =B1036+1 (sensitive receptor: C995)
 DISCCART 407512.499439412 3758462.50582813 504.30 1.50
 ** receptor =B1037+1 (sensitive receptor: C996)
 DISCCART 407512.499439412 3758437.50091781 496.60 1.50
 ** receptor =B1038+1 (sensitive receptor: C997)
 DISCCART 407512.499439412 3758412.50600545 478.90 1.50
 ** receptor =B1039+1 (sensitive receptor: C998)
 DISCCART 407512.499439412 3758387.50109513 468.00 1.50
 ** receptor =B1040+1 (sensitive receptor: C999)
 DISCCART 407512.499439412 3758362.50618277 462.00 1.50
 ** receptor =B1041+1 (sensitive receptor: C1000)
 DISCCART 407512.499439412 3758337.50127244 466.70 1.50
 ** receptor =B1042+1 (sensitive receptor: C1001)
 DISCCART 407512.499439412 3758312.50636009 467.10 1.50
 ** receptor =B1043+1 (sensitive receptor: C1002)
 DISCCART 407512.499439412 3758287.50144976 466.70 1.50
 ** receptor =B1044+1 (sensitive receptor: C1003)
 DISCCART 407512.499439412 3758262.50653741 466.70 1.50
 ** receptor =B1045+1 (sensitive receptor: C1004)
 DISCCART 407512.499439412 3758237.50162708 463.40 1.50
 ** receptor =B1046+1 (sensitive receptor: C1005)
 DISCCART 407512.499439412 3758212.50671473 463.40 1.50
 ** receptor =B1047+1 (sensitive receptor: C1006)
 DISCCART 407512.499439412 3758187.5018044 461.00 1.50
 ** receptor =B1048+1 (sensitive receptor: C1007)
 DISCCART 407512.499439412 3758162.50689204 459.30 1.50
 ** receptor =B1049+1 (sensitive receptor: C1008)

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DISCCART 407512.499439412 3758137.50198172 453.60 1.50
 ** receptor =B1050+1 (sensitive receptor: C1009)
 DISCCART 407537.500839317 3758512.50565081 0.00 1.50
 ** receptor =B1051+1 (sensitive receptor: C1010)
 DISCCART 407537.500839317 3758487.50074049 0.00 1.50
 ** receptor =B1052+1 (sensitive receptor: C1011)
 DISCCART 407537.500839317 3758462.50582813 0.00 1.50
 ** receptor =B1053+1 (sensitive receptor: C1012)
 DISCCART 407537.500839317 3758437.50091781 0.00 1.50
 ** receptor =B1054+1 (sensitive receptor: C1013)
 DISCCART 407537.500839317 3758412.50600545 0.00 1.50
 ** receptor =B1055+1 (sensitive receptor: C1014)
 DISCCART 407537.500839317 3758387.50109513 0.00 1.50
 ** receptor =B1056+1 (sensitive receptor: C1015)
 DISCCART 407537.500839317 3758362.50618277 0.00 1.50
 ** receptor =B1057+1 (sensitive receptor: C1016)
 DISCCART 407537.500839317 3758337.50127244 0.00 1.50
 ** receptor =B1058+1 (sensitive receptor: C1017)
 DISCCART 407537.500839317 3758312.50636009 0.00 1.50
 ** receptor =B1059+1 (sensitive receptor: C1018)
 DISCCART 407537.500839317 3758287.50144976 0.00 1.50
 ** receptor =B1060+1 (sensitive receptor: C1019)
 DISCCART 407537.500839317 3758262.50653741 0.00 1.50
 ** receptor =B1061+1 (sensitive receptor: C1020)
 DISCCART 407537.500839317 3758237.50162708 0.00 1.50
 ** receptor =B1062+1 (sensitive receptor: C1021)
 DISCCART 407537.500839317 3758212.50671473 0.00 1.50
 ** receptor =B1063+1 (sensitive receptor: C1022)
 DISCCART 407537.500839317 3758187.5018044 0.00 1.50
 ** receptor =B1064+1 (sensitive receptor: C1023)
 DISCCART 407537.500839317 3758162.50689204 0.00 1.50
 ** receptor =B1065+1 (sensitive receptor: C1024)
 DISCCART 407537.500839317 3758137.50198172 0.00 1.50
 ** receptor =B1066+1 (sensitive receptor: C1025)
 DISCCART 407562.502239223 3758512.50565081 0.00 1.50
 ** receptor =B1067+1 (sensitive receptor: C1026)
 DISCCART 407562.502239223 3758487.50074049 0.00 1.50
 ** receptor =B1068+1 (sensitive receptor: C1027)
 DISCCART 407562.502239223 3758462.50582813 0.00 1.50
 ** receptor =B1069+1 (sensitive receptor: C1028)
 DISCCART 407562.502239223 3758437.50091781 0.00 1.50
 ** receptor =B1070+1 (sensitive receptor: C1029)
 DISCCART 407562.502239223 3758412.50600545 0.00 1.50
 ** receptor =B1071+1 (sensitive receptor: C1030)
 DISCCART 407562.502239223 3758387.50109513 0.00 1.50
 ** receptor =B1072+1 (sensitive receptor: C1031)
 DISCCART 407562.502239223 3758362.50618277 0.00 1.50
 ** receptor =B1073+1 (sensitive receptor: C1032)
 DISCCART 407562.502239223 3758337.50127244 0.00 1.50
 ** receptor =B1074+1 (sensitive receptor: C1033)
 DISCCART 407562.502239223 3758312.50636009 0.00 1.50
 ** receptor =B1075+1 (sensitive receptor: C1034)
 DISCCART 407562.502239223 3758287.50144976 0.00 1.50
 ** receptor =B1076+1 (sensitive receptor: C1035)
 DISCCART 407562.502239223 3758262.50653741 0.00 1.50
 ** receptor =B1077+1 (sensitive receptor: C1036)
 DISCCART 407562.502239223 3758237.50162708 0.00 1.50
 ** receptor =B1078+1 (sensitive receptor: C1037)
 DISCCART 407562.502239223 3758212.50671473 0.00 1.50
 ** receptor =B1079+1 (sensitive receptor: C1038)
 DISCCART 407562.502239223 3758187.5018044 0.00 1.50
 ** receptor =B1080+1 (sensitive receptor: C1039)
 DISCCART 407562.502239223 3758162.50689204 0.00 1.50
 ** receptor =B1081+1 (sensitive receptor: C1040)
 DISCCART 407562.502239223 3758137.50198172 0.00 1.50
 ** receptor =B1082+1 (sensitive receptor: C1041)
 DISCCART 407587.495393284 3758512.50565081 0.00 1.50
 ** receptor =B1083+1 (sensitive receptor: C1042)
 DISCCART 407587.495393284 3758487.50074049 0.00 1.50
 ** receptor =B1084+1 (sensitive receptor: C1043)
 DISCCART 407587.495393284 3758462.50582813 0.00 1.50
 ** receptor =B1085+1 (sensitive receptor: C1044)
 DISCCART 407587.495393284 3758437.50091781 0.00 1.50
 ** receptor =B1086+1 (sensitive receptor: C1045)
 DISCCART 407587.495393284 3758412.50600545 0.00 1.50
 ** receptor =B1087+1 (sensitive receptor: C1046)

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DISCCART 407587.495393284 3758387.50109513 0.00 1.50
 ** receptor =B1088+1 (sensitive receptor: C1047)
 DISCCART 407587.495393284 3758362.50618277 0.00 1.50
 ** receptor =B1089+1 (sensitive receptor: C1048)
 DISCCART 407587.495393284 3758337.50127244 0.00 1.50
 ** receptor =B1090+1 (sensitive receptor: C1049)
 DISCCART 407587.495393284 3758312.50636009 0.00 1.50
 ** receptor =B1091+1 (sensitive receptor: C1050)
 DISCCART 407587.495393284 3758287.50144976 0.00 1.50
 ** receptor =B1092+1 (sensitive receptor: C1051)
 DISCCART 407587.495393284 3758262.50653741 0.00 1.50
 ** receptor =B1093+1 (sensitive receptor: C1052)
 DISCCART 407587.495393284 3758237.50162708 0.00 1.50
 ** receptor =B1094+1 (sensitive receptor: C1053)
 DISCCART 407587.495393284 3758212.50671473 0.00 1.50
 ** receptor =B1095+1 (sensitive receptor: C1054)
 DISCCART 407587.495393284 3758187.5018044 0.00 1.50
 ** receptor =B1096+1 (sensitive receptor: C1055)
 DISCCART 407587.495393284 3758162.50689204 0.00 1.50
 ** receptor =B1097+1 (sensitive receptor: C1056)
 DISCCART 407587.495393284 3758137.50198172 0.00 1.50
 ** receptor =B1098+1 (sensitive receptor: C1057)
 DISCCART 407612.49679319 3758512.50565081 0.00 1.50
 ** receptor =B1099+1 (sensitive receptor: C1058)
 DISCCART 407612.49679319 3758487.50074049 0.00 1.50
 ** receptor =B1100+1 (sensitive receptor: C1059)
 DISCCART 407612.49679319 3758462.50582813 0.00 1.50
 ** receptor =B1101+1 (sensitive receptor: C1060)
 DISCCART 407612.49679319 3758437.50091781 0.00 1.50
 ** receptor =B1102+1 (sensitive receptor: C1061)
 DISCCART 407612.49679319 3758412.50600545 0.00 1.50
 ** receptor =B1103+1 (sensitive receptor: C1062)
 DISCCART 407612.49679319 3758387.50109513 0.00 1.50
 ** receptor =B1104+1 (sensitive receptor: C1063)
 DISCCART 407612.49679319 3758362.50618277 0.00 1.50
 ** receptor =B1105+1 (sensitive receptor: C1064)
 DISCCART 407612.49679319 3758337.50127244 0.00 1.50
 ** receptor =B1106+1 (sensitive receptor: C1065)
 DISCCART 407612.49679319 3758312.50636009 0.00 1.50
 ** receptor =B1107+1 (sensitive receptor: C1066)
 DISCCART 407612.49679319 3758287.50144976 0.00 1.50
 ** receptor =B1108+1 (sensitive receptor: C1067)
 DISCCART 407612.49679319 3758262.50653741 0.00 1.50
 ** receptor =B1109+1 (sensitive receptor: C1068)
 DISCCART 407612.49679319 3758237.50162708 0.00 1.50
 ** receptor =B1110+1 (sensitive receptor: C1069)
 DISCCART 407612.49679319 3758212.50671473 0.00 1.50
 ** receptor =B1111+1 (sensitive receptor: C1070)
 DISCCART 407612.49679319 3758187.5018044 0.00 1.50
 ** receptor =B1112+1 (sensitive receptor: C1071)
 DISCCART 407612.49679319 3758162.50689204 0.00 1.50
 ** receptor =B1113+1 (sensitive receptor: C1072)
 DISCCART 407612.49679319 3758137.50198172 0.00 1.50
 ** receptor =B1114+1 (sensitive receptor: C1073)
 DISCCART 407637.498193095 3758512.50565081 0.00 1.50
 ** receptor =B1115+1 (sensitive receptor: C1074)
 DISCCART 407637.498193095 3758487.50074049 0.00 1.50
 ** receptor =B1116+1 (sensitive receptor: C1075)
 DISCCART 407637.498193095 3758462.50582813 0.00 1.50
 ** receptor =B1117+1 (sensitive receptor: C1076)
 DISCCART 407637.498193095 3758437.50091781 0.00 1.50
 ** receptor =B1118+1 (sensitive receptor: C1077)
 DISCCART 407637.498193095 3758412.50600545 0.00 1.50
 ** receptor =B1119+1 (sensitive receptor: C1078)
 DISCCART 407637.498193095 3758387.50109513 0.00 1.50
 ** receptor =B1120+1 (sensitive receptor: C1079)
 DISCCART 407637.498193095 3758362.50618277 0.00 1.50
 ** receptor =B1121+1 (sensitive receptor: C1080)
 DISCCART 407637.498193095 3758337.50127244 0.00 1.50
 ** receptor =B1122+1 (sensitive receptor: C1081)
 DISCCART 407637.498193095 3758312.50636009 0.00 1.50
 ** receptor =B1123+1 (sensitive receptor: C1082)
 DISCCART 407637.498193095 3758287.50144976 0.00 1.50
 ** receptor =B1124+1 (sensitive receptor: C1083)
 DISCCART 407637.498193095 3758262.50653741 0.00 1.50
 ** receptor =B1125+1 (sensitive receptor: C1084)

Appendix B

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DISCCART 407637.498193095 3758237.50162708 0.00 1.50
 ** receptor =B1126+1 (sensitive receptor: C1085)
 DISCCART 407637.498193095 3758212.50671473 0.00 1.50
 ** receptor =B1127+1 (sensitive receptor: C1086)
 DISCCART 407637.498193095 3758187.5018044 0.00 1.50
 ** receptor =B1128+1 (sensitive receptor: C1087)
 DISCCART 407637.498193095 3758162.50689204 0.00 1.50
 ** receptor =B1129+1 (sensitive receptor: C1088)
 DISCCART 407637.498193095 3758137.50198172 0.00 1.50
 ** receptor =B1130+1 (sensitive receptor: C1089)
 DISCCART 407662.499593001 3758512.50565081 0.00 1.50
 ** receptor =B1131+1 (sensitive receptor: C1090)
 DISCCART 407662.499593001 3758487.50074049 0.00 1.50
 ** receptor =B1132+1 (sensitive receptor: C1091)
 DISCCART 407662.499593001 3758462.50582813 0.00 1.50
 ** receptor =B1133+1 (sensitive receptor: C1092)
 DISCCART 407662.499593001 3758437.50091781 0.00 1.50
 ** receptor =B1134+1 (sensitive receptor: C1093)
 DISCCART 407662.499593001 3758412.50600545 0.00 1.50
 ** receptor =B1135+1 (sensitive receptor: C1094)
 DISCCART 407662.499593001 3758387.50109513 0.00 1.50
 ** receptor =B1136+1 (sensitive receptor: C1095)
 DISCCART 407662.499593001 3758362.50618277 0.00 1.50
 ** receptor =B1137+1 (sensitive receptor: C1096)
 DISCCART 407662.499593001 3758337.50127244 0.00 1.50
 ** receptor =B1138+1 (sensitive receptor: C1097)
 DISCCART 407662.499593001 3758312.50636009 0.00 1.50
 ** receptor =B1139+1 (sensitive receptor: C1098)
 DISCCART 407662.499593001 3758287.50144976 0.00 1.50
 ** receptor =B1140+1 (sensitive receptor: C1099)
 DISCCART 407662.499593001 3758262.50653741 0.00 1.50
 ** receptor =B1141+1 (sensitive receptor: C1100)
 DISCCART 407662.499593001 3758237.50162708 0.00 1.50
 ** receptor =B1142+1 (sensitive receptor: C1101)
 DISCCART 407662.499593001 3758212.50671473 0.00 1.50
 ** receptor =B1143+1 (sensitive receptor: C1102)
 DISCCART 407662.499593001 3758187.5018044 0.00 1.50
 ** receptor =B1144+1 (sensitive receptor: C1103)
 DISCCART 407662.499593001 3758162.50689204 0.00 1.50
 ** receptor =B1145+1 (sensitive receptor: C1104)
 DISCCART 407662.499593001 3758137.50198172 0.00 1.50
 ** receptor =B1146+1 (sensitive receptor: C1105)
 DISCCART 407687.500992907 3758512.50565081 0.00 1.50
 ** receptor =B1147+1 (sensitive receptor: C1106)
 DISCCART 407687.500992907 3758487.50074049 0.00 1.50
 ** receptor =B1148+1 (sensitive receptor: C1107)
 DISCCART 407687.500992907 3758462.50582813 0.00 1.50
 ** receptor =B1149+1 (sensitive receptor: C1108)
 DISCCART 407687.500992907 3758437.50091781 0.00 1.50
 ** receptor =B1150+1 (sensitive receptor: C1109)
 DISCCART 407687.500992907 3758412.50600545 0.00 1.50
 ** receptor =B1151+1 (sensitive receptor: C1110)
 DISCCART 407687.500992907 3758387.50109513 0.00 1.50
 ** receptor =B1152+1 (sensitive receptor: C1111)
 DISCCART 407687.500992907 3758362.50618277 0.00 1.50
 ** receptor =B1153+1 (sensitive receptor: C1112)
 DISCCART 407687.500992907 3758337.50127244 0.00 1.50
 ** receptor =B1154+1 (sensitive receptor: C1113)
 DISCCART 407687.500992907 3758312.50636009 0.00 1.50
 ** receptor =B1155+1 (sensitive receptor: C1114)
 DISCCART 407687.500992907 3758287.50144976 0.00 1.50
 ** receptor =B1156+1 (sensitive receptor: C1115)
 DISCCART 407687.500992907 3758262.50653741 0.00 1.50
 ** receptor =B1157+1 (sensitive receptor: C1116)
 DISCCART 407687.500992907 3758237.50162708 0.00 1.50
 ** receptor =B1158+1 (sensitive receptor: C1117)
 DISCCART 407687.500992907 3758212.50671473 0.00 1.50
 ** receptor =B1159+1 (sensitive receptor: C1118)
 DISCCART 407687.500992907 3758187.5018044 0.00 1.50
 ** receptor =B1160+1 (sensitive receptor: C1119)
 DISCCART 407687.500992907 3758162.50689204 0.00 1.50
 ** receptor =B1161+1 (sensitive receptor: C1120)
 DISCCART 407687.500992907 3758137.50198172 0.00 1.50
 ** receptor =B1162+1 (sensitive receptor: C1121)
 DISCCART 407712.502392812 3758512.50565081 0.00 1.50
 ** receptor =B1163+1 (sensitive receptor: C1122)

Appendix B

NOx Annual Emissions Unmitigated

** DISCCART	407712.502392812	3758487.50074049	0.00	1.50
** receptor	=B1164+1 (sensitive receptor: C1123)			
** DISCCART	407712.502392812	3758462.50582813	0.00	1.50
** receptor	=B1165+1 (sensitive receptor: C1124)			
** DISCCART	407712.502392812	3758437.50091781	0.00	1.50
** receptor	=B1166+1 (sensitive receptor: C1125)			
** DISCCART	407712.502392812	3758412.50600545	0.00	1.50
** receptor	=B1167+1 (sensitive receptor: C1126)			
** DISCCART	407712.502392812	3758387.50109513	0.00	1.50
** receptor	=B1168+1 (sensitive receptor: C1127)			
** DISCCART	407712.502392812	3758362.50618277	0.00	1.50
** receptor	=B1169+1 (sensitive receptor: C1128)			
** DISCCART	407712.502392812	3758337.50127244	0.00	1.50
** receptor	=B1170+1 (sensitive receptor: C1129)			
** DISCCART	407712.502392812	3758312.50636009	0.00	1.50
** receptor	=B1171+1 (sensitive receptor: C1130)			
** DISCCART	407712.502392812	3758287.50144976	0.00	1.50
** receptor	=B1172+1 (sensitive receptor: C1131)			
** DISCCART	407712.502392812	3758262.50653741	0.00	1.50
** receptor	=B1173+1 (sensitive receptor: C1132)			
** DISCCART	407712.502392812	3758237.50162708	0.00	1.50
** receptor	=B1174+1 (sensitive receptor: C1133)			
** DISCCART	407712.502392812	3758212.50671473	0.00	1.50
** receptor	=B1175+1 (sensitive receptor: C1134)			
** DISCCART	407712.502392812	3758187.5018044	0.00	1.50
** receptor	=B1176+1 (sensitive receptor: C1135)			
** DISCCART	407712.502392812	3758162.50689204	0.00	1.50
** receptor	=B1177+1 (sensitive receptor: C1136)			
** DISCCART	407712.502392812	3758137.50198172	0.00	1.50
** receptor	=B1178+1 (sensitive receptor: C1137)			
** DISCCART	407737.495546874	3758512.50565081	0.00	1.50
** receptor	=B1179+1 (sensitive receptor: C1138)			
** DISCCART	407737.495546874	3758487.50074049	0.00	1.50
** receptor	=B1180+1 (sensitive receptor: C1139)			
** DISCCART	407737.495546874	3758462.50582813	0.00	1.50
** receptor	=B1181+1 (sensitive receptor: C1140)			
** DISCCART	407737.495546874	3758437.50091781	0.00	1.50
** receptor	=B1182+1 (sensitive receptor: C1141)			
** DISCCART	407737.495546874	3758412.50600545	0.00	1.50
** receptor	=B1183+1 (sensitive receptor: C1142)			
** DISCCART	407737.495546874	3758387.50109513	0.00	1.50
** receptor	=B1184+1 (sensitive receptor: C1143)			
** DISCCART	407737.495546874	3758362.50618277	0.00	1.50
** receptor	=B1185+1 (sensitive receptor: C1144)			
** DISCCART	407737.495546874	3758337.50127244	0.00	1.50
** receptor	=B1186+1 (sensitive receptor: C1145)			
** DISCCART	407737.495546874	3758312.50636009	0.00	1.50
** receptor	=B1187+1 (sensitive receptor: C1146)			
** DISCCART	407737.495546874	3758287.50144976	0.00	1.50
** receptor	=B1188+1 (sensitive receptor: C1147)			
** DISCCART	407737.495546874	3758262.50653741	0.00	1.50
** receptor	=B1189+1 (sensitive receptor: C1148)			
** DISCCART	407737.495546874	3758237.50162708	0.00	1.50
** receptor	=B1190+1 (sensitive receptor: C1149)			
** DISCCART	407737.495546874	3758212.50671473	0.00	1.50
** receptor	=B1191+1 (sensitive receptor: C1150)			
** DISCCART	407737.495546874	3758187.5018044	0.00	1.50
** receptor	=B1192+1 (sensitive receptor: C1151)			
** DISCCART	407737.495546874	3758162.50689204	0.00	1.50
** receptor	=B1193+1 (sensitive receptor: C1152)			
** DISCCART	407737.495546874	3758137.50198172	0.00	1.50
** receptor	=B1194+1 (sensitive receptor: C1153)			
** DISCCART	407762.496946779	3758512.50565081	0.00	1.50
** receptor	=B1195+1 (sensitive receptor: C1154)			
** DISCCART	407762.496946779	3758487.50074049	0.00	1.50
** receptor	=B1196+1 (sensitive receptor: C1155)			
** DISCCART	407762.496946779	3758462.50582813	0.00	1.50
** receptor	=B1197+1 (sensitive receptor: C1156)			
** DISCCART	407762.496946779	3758437.50091781	0.00	1.50
** receptor	=B1198+1 (sensitive receptor: C1157)			
** DISCCART	407762.496946779	3758412.50600545	0.00	1.50
** receptor	=B1199+1 (sensitive receptor: C1158)			
** DISCCART	407762.496946779	3758387.50109513	0.00	1.50
** receptor	=B1200+1 (sensitive receptor: C1159)			
** DISCCART	407762.496946779	3758362.50618277	0.00	1.50
** receptor	=B1201+1 (sensitive receptor: C1160)			

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** receptor	DISCCART	407762.496946779	3758337.50127244	0.00	1.50
	=B1202+1 (sensitive receptor: C1161)				
** receptor	DISCCART	407762.496946779	3758312.50636009	0.00	1.50
	=B1203+1 (sensitive receptor: C1162)				
** receptor	DISCCART	407762.496946779	3758287.50144976	0.00	1.50
	=B1204+1 (sensitive receptor: C1163)				
** receptor	DISCCART	407762.496946779	3758262.50653741	0.00	1.50
	=B1205+1 (sensitive receptor: C1164)				
** receptor	DISCCART	407762.496946779	3758237.50162708	0.00	1.50
	=B1206+1 (sensitive receptor: C1165)				
** receptor	DISCCART	407762.496946779	3758212.50671473	0.00	1.50
	=B1207+1 (sensitive receptor: C1166)				
** receptor	DISCCART	407762.496946779	3758187.5018044	0.00	1.50
	=B1208+1 (sensitive receptor: C1167)				
** receptor	DISCCART	407762.496946779	3758162.50689204	0.00	1.50
	=B1209+1 (sensitive receptor: C1168)				
** receptor	DISCCART	407762.496946779	3758137.50198172	0.00	1.50
	=B1210+1 (sensitive receptor: C1169)				
** receptor	DISCCART	407787.498346685	3758512.50565081	0.00	1.50
	=B1211+1 (sensitive receptor: C1170)				
** receptor	DISCCART	407787.498346685	3758487.50074049	0.00	1.50
	=B1212+1 (sensitive receptor: C1171)				
** receptor	DISCCART	407787.498346685	3758462.50582813	0.00	1.50
	=B1213+1 (sensitive receptor: C1172)				
** receptor	DISCCART	407787.498346685	3758437.50091781	0.00	1.50
	=B1214+1 (sensitive receptor: C1173)				
** receptor	DISCCART	407787.498346685	3758412.50600545	0.00	1.50
	=B1215+1 (sensitive receptor: C1174)				
** receptor	DISCCART	407787.498346685	3758387.50109513	0.00	1.50
	=B1216+1 (sensitive receptor: C1175)				
** receptor	DISCCART	407787.498346685	3758362.50618277	0.00	1.50
	=B1217+1 (sensitive receptor: C1176)				
** receptor	DISCCART	407787.498346685	3758337.50127244	0.00	1.50
	=B1218+1 (sensitive receptor: C1177)				
** receptor	DISCCART	407787.498346685	3758312.50636009	0.00	1.50
	=B1219+1 (sensitive receptor: C1178)				
** receptor	DISCCART	407787.498346685	3758287.50144976	0.00	1.50
	=B1220+1 (sensitive receptor: C1179)				
** receptor	DISCCART	407787.498346685	3758262.50653741	0.00	1.50
	=B1221+1 (sensitive receptor: C1180)				
** receptor	DISCCART	407787.498346685	3758237.50162708	0.00	1.50
	=B1222+1 (sensitive receptor: C1181)				
** receptor	DISCCART	407787.498346685	3758212.50671473	0.00	1.50
	=B1223+1 (sensitive receptor: C1182)				
** receptor	DISCCART	407787.498346685	3758187.5018044	0.00	1.50
	=B1224+1 (sensitive receptor: C1183)				
** receptor	DISCCART	407787.498346685	3758162.50689204	0.00	1.50
	=B1225+1 (sensitive receptor: C1184)				
** receptor	DISCCART	407787.498346685	3758137.50198172	0.00	1.50
	=B1226+1 (sensitive receptor: C1185)				
** receptor	DISCCART	407812.49974659	3758512.50565081	0.00	1.50
	=B1227+1 (sensitive receptor: C1186)				
** receptor	DISCCART	407812.49974659	3758487.50074049	0.00	1.50
	=B1228+1 (sensitive receptor: C1187)				
** receptor	DISCCART	407812.49974659	3758462.50582813	0.00	1.50
	=B1229+1 (sensitive receptor: C1188)				
** receptor	DISCCART	407812.49974659	3758437.50091781	0.00	1.50
	=B1230+1 (sensitive receptor: C1189)				
** receptor	DISCCART	407812.49974659	3758412.50600545	0.00	1.50
	=B1231+1 (sensitive receptor: C1190)				
** receptor	DISCCART	407812.49974659	3758387.50109513	0.00	1.50
	=B1232+1 (sensitive receptor: C1191)				
** receptor	DISCCART	407812.49974659	3758362.50618277	0.00	1.50
	=B1233+1 (sensitive receptor: C1192)				
** receptor	DISCCART	407812.49974659	3758337.50127244	0.00	1.50
	=B1234+1 (sensitive receptor: C1193)				
** receptor	DISCCART	407812.49974659	3758312.50636009	0.00	1.50
	=B1235+1 (sensitive receptor: C1194)				
** receptor	DISCCART	407812.49974659	3758287.50144976	0.00	1.50
	=B1236+1 (sensitive receptor: C1195)				
** receptor	DISCCART	407812.49974659	3758262.50653741	0.00	1.50
	=B1237+1 (sensitive receptor: C1196)				
** receptor	DISCCART	407812.49974659	3758237.50162708	0.00	1.50
	=B1238+1 (sensitive receptor: C1197)				
** receptor	DISCCART	407812.49974659	3758212.50671473	0.00	1.50
	=B1239+1 (sensitive receptor: C1198)				

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NOx Annual Emissions Unmitigated

DISCCART 407812.49974659 3758187.5018044 0.00 1.50
 ** receptor =B1240+1 (sensitive receptor: C1199)
 DISCCART 407812.49974659 3758162.50689204 0.00 1.50
 ** receptor =B1241+1 (sensitive receptor: C1200)
 DISCCART 407812.49974659 3758137.50198172 0.00 1.50
 ** receptor =B1242+1 (sensitive receptor: C1201)
 DISCCART 407837.501146496 3758512.50565081 0.00 1.50
 ** receptor =B1243+1 (sensitive receptor: C1202)
 DISCCART 407837.501146496 3758487.50074049 0.00 1.50
 ** receptor =B1244+1 (sensitive receptor: C1203)
 DISCCART 407837.501146496 3758462.50582813 0.00 1.50
 ** receptor =B1245+1 (sensitive receptor: C1204)
 DISCCART 407837.501146496 3758437.50091781 0.00 1.50
 ** receptor =B1246+1 (sensitive receptor: C1205)
 DISCCART 407837.501146496 3758412.50600545 0.00 1.50
 ** receptor =B1247+1 (sensitive receptor: C1206)
 DISCCART 407837.501146496 3758387.50109513 0.00 1.50
 ** receptor =B1248+1 (sensitive receptor: C1207)
 DISCCART 407837.501146496 3758362.50618277 0.00 1.50
 ** receptor =B1249+1 (sensitive receptor: C1208)
 DISCCART 407837.501146496 3758337.50127244 0.00 1.50
 ** receptor =B1250+1 (sensitive receptor: C1209)
 DISCCART 407837.501146496 3758312.50636009 0.00 1.50
 ** receptor =B1251+1 (sensitive receptor: C1210)
 DISCCART 407837.501146496 3758287.50144976 0.00 1.50
 ** receptor =B1252+1 (sensitive receptor: C1211)
 DISCCART 407837.501146496 3758262.50653741 0.00 1.50
 ** receptor =B1253+1 (sensitive receptor: C1212)
 DISCCART 407837.501146496 3758237.50162708 0.00 1.50
 ** receptor =B1254+1 (sensitive receptor: C1213)
 DISCCART 407837.501146496 3758212.50671473 0.00 1.50
 ** receptor =B1255+1 (sensitive receptor: C1214)
 DISCCART 407837.501146496 3758187.5018044 0.00 1.50
 ** receptor =B1256+1 (sensitive receptor: C1215)
 DISCCART 407837.501146496 3758162.50689204 0.00 1.50
 ** receptor =B1257+1 (sensitive receptor: C1216)
 DISCCART 407837.501146496 3758137.50198172 0.00 1.50
 ** receptor =B1258+1 (sensitive receptor: C1217)
 DISCCART 407862.502546402 3758512.50565081 0.00 1.50
 ** receptor =B1259+1 (sensitive receptor: C1218)
 DISCCART 407862.502546402 3758487.50074049 0.00 1.50
 ** receptor =B1260+1 (sensitive receptor: C1219)
 DISCCART 407862.502546402 3758462.50582813 0.00 1.50
 ** receptor =B1261+1 (sensitive receptor: C1220)
 DISCCART 407862.502546402 3758437.50091781 0.00 1.50
 ** receptor =B1262+1 (sensitive receptor: C1221)
 DISCCART 407862.502546402 3758412.50600545 0.00 1.50
 ** receptor =B1263+1 (sensitive receptor: C1222)
 DISCCART 407862.502546402 3758387.50109513 0.00 1.50
 ** receptor =B1264+1 (sensitive receptor: C1223)
 DISCCART 407862.502546402 3758362.50618277 0.00 1.50
 ** receptor =B1265+1 (sensitive receptor: C1224)
 DISCCART 407862.502546402 3758337.50127244 0.00 1.50
 ** receptor =B1266+1 (sensitive receptor: C1225)
 DISCCART 407862.502546402 3758312.50636009 0.00 1.50
 ** receptor =B1267+1 (sensitive receptor: C1226)
 DISCCART 407862.502546402 3758287.50144976 0.00 1.50
 ** receptor =B1268+1 (sensitive receptor: C1227)
 DISCCART 407862.502546402 3758262.50653741 0.00 1.50
 ** receptor =B1269+1 (sensitive receptor: C1228)
 DISCCART 407862.502546402 3758237.50162708 0.00 1.50
 ** receptor =B1270+1 (sensitive receptor: C1229)
 DISCCART 407862.502546402 3758212.50671473 0.00 1.50
 ** receptor =B1271+1 (sensitive receptor: C1230)
 DISCCART 407862.502546402 3758187.5018044 0.00 1.50
 ** receptor =B1272+1 (sensitive receptor: C1231)
 DISCCART 407862.502546402 3758162.50689204 0.00 1.50
 ** receptor =B1273+1 (sensitive receptor: C1232)
 DISCCART 407862.502546402 3758137.50198172 0.00 1.50
 ** receptor =B1274+1 (sensitive receptor: C1233)
 DISCCART 407887.503946307 3758512.50565081 0.00 1.50
 ** receptor =B1275+1 (sensitive receptor: C1234)
 DISCCART 407887.503946307 3758487.50074049 0.00 1.50
 ** receptor =B1276+1 (sensitive receptor: C1235)
 DISCCART 407887.503946307 3758462.50582813 0.00 1.50
 ** receptor =B1277+1 (sensitive receptor: C1236)

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** DISCCART	407887.503946307	3758437.50091781	0.00	1.50
** receptor	=B1278+1 (sensitive receptor: C1237)			
** DISCCART	407887.503946307	3758412.50600545	0.00	1.50
** receptor	=B1279+1 (sensitive receptor: C1238)			
** DISCCART	407887.503946307	3758387.50109513	0.00	1.50
** receptor	=B1280+1 (sensitive receptor: C1239)			
** DISCCART	407887.503946307	3758362.50618277	0.00	1.50
** receptor	=B1281+1 (sensitive receptor: C1240)			
** DISCCART	407887.503946307	3758337.50127244	0.00	1.50
** receptor	=B1282+1 (sensitive receptor: C1241)			
** DISCCART	407887.503946307	3758312.50636009	0.00	1.50
** receptor	=B1283+1 (sensitive receptor: C1242)			
** DISCCART	407887.503946307	3758287.50144976	0.00	1.50
** receptor	=B1284+1 (sensitive receptor: C1243)			
** DISCCART	407887.503946307	3758262.50653741	0.00	1.50
** receptor	=B1285+1 (sensitive receptor: C1244)			
** DISCCART	407887.503946307	3758237.50162708	0.00	1.50
** receptor	=B1286+1 (sensitive receptor: C1245)			
** DISCCART	407887.503946307	3758212.50671473	0.00	1.50
** receptor	=B1287+1 (sensitive receptor: C1246)			
** DISCCART	407887.503946307	3758187.5018044	0.00	1.50
** receptor	=B1288+1 (sensitive receptor: C1247)			
** DISCCART	407887.503946307	3758162.50689204	0.00	1.50
** receptor	=B1289+1 (sensitive receptor: C1248)			
** DISCCART	407887.503946307	3758137.50198172	0.00	1.50
** receptor	=B1290+1 (sensitive receptor: C1249)			
** DISCCART	407912.497100369	3758512.50565081	0.00	1.50
** receptor	=B1291+1 (sensitive receptor: C1250)			
** DISCCART	407912.497100369	3758487.50074049	0.00	1.50
** receptor	=B1292+1 (sensitive receptor: C1251)			
** DISCCART	407912.497100369	3758462.50582813	0.00	1.50
** receptor	=B1293+1 (sensitive receptor: C1252)			
** DISCCART	407912.497100369	3758437.50091781	0.00	1.50
** receptor	=B1294+1 (sensitive receptor: C1253)			
** DISCCART	407912.497100369	3758412.50600545	0.00	1.50
** receptor	=B1295+1 (sensitive receptor: C1254)			
** DISCCART	407912.497100369	3758387.50109513	0.00	1.50
** receptor	=B1296+1 (sensitive receptor: C1255)			
** DISCCART	407912.497100369	3758362.50618277	0.00	1.50
** receptor	=B1297+1 (sensitive receptor: C1256)			
** DISCCART	407912.497100369	3758337.50127244	0.00	1.50
** receptor	=B1298+1 (sensitive receptor: C1257)			
** DISCCART	407912.497100369	3758312.50636009	0.00	1.50
** receptor	=B1299+1 (sensitive receptor: C1258)			
** DISCCART	407912.497100369	3758287.50144976	0.00	1.50
** receptor	=B1300+1 (sensitive receptor: C1259)			
** DISCCART	407912.497100369	3758262.50653741	0.00	1.50
** receptor	=B1301+1 (sensitive receptor: C1260)			
** DISCCART	407912.497100369	3758237.50162708	0.00	1.50
** receptor	=B1302+1 (sensitive receptor: C1261)			
** DISCCART	407912.497100369	3758212.50671473	0.00	1.50
** receptor	=B1303+1 (sensitive receptor: C1262)			
** DISCCART	407912.497100369	3758187.5018044	0.00	1.50
** receptor	=B1304+1 (sensitive receptor: C1263)			
** DISCCART	407912.497100369	3758162.50689204	0.00	1.50
** receptor	=B1305+1 (sensitive receptor: C1264)			
** DISCCART	407912.497100369	3758137.50198172	0.00	1.50
** receptor	=B1306+1 (sensitive receptor: C1265)			
** DISCCART	407937.498500274	3758512.50565081	0.00	1.50
** receptor	=B1307+1 (sensitive receptor: C1266)			
** DISCCART	407937.498500274	3758487.50074049	0.00	1.50
** receptor	=B1308+1 (sensitive receptor: C1267)			
** DISCCART	407937.498500274	3758462.50582813	0.00	1.50
** receptor	=B1309+1 (sensitive receptor: C1268)			
** DISCCART	407937.498500274	3758437.50091781	0.00	1.50
** receptor	=B1310+1 (sensitive receptor: C1269)			
** DISCCART	407937.498500274	3758412.50600545	0.00	1.50
** receptor	=B1311+1 (sensitive receptor: C1270)			
** DISCCART	407937.498500274	3758387.50109513	0.00	1.50
** receptor	=B1312+1 (sensitive receptor: C1271)			
** DISCCART	407937.498500274	3758362.50618277	0.00	1.50
** receptor	=B1313+1 (sensitive receptor: C1272)			
** DISCCART	407937.498500274	3758337.50127244	0.00	1.50
** receptor	=B1314+1 (sensitive receptor: C1273)			
** DISCCART	407937.498500274	3758312.50636009	0.00	1.50
** receptor	=B1315+1 (sensitive receptor: C1274)			

Appendix B

NOx Annual Emissions Unmitigated

DISCCART 407937.498500274 3758287.50144976 0.00 1.50
 ** receptor =B1316+1 (sensitive receptor: C1275)
 DISCCART 407937.498500274 3758262.50653741 0.00 1.50
 ** receptor =B1317+1 (sensitive receptor: C1276)
 DISCCART 407937.498500274 3758237.50162708 0.00 1.50
 ** receptor =B1318+1 (sensitive receptor: C1277)
 DISCCART 407937.498500274 3758212.50671473 0.00 1.50
 ** receptor =B1319+1 (sensitive receptor: C1278)
 DISCCART 407937.498500274 3758187.5018044 0.00 1.50
 ** receptor =B1320+1 (sensitive receptor: C1279)
 DISCCART 407937.498500274 3758162.50689204 0.00 1.50
 ** receptor =B1321+1 (sensitive receptor: C1280)
 DISCCART 407937.498500274 3758137.50198172 0.00 1.50
 ** receptor =B1322+1 (sensitive receptor: C1281)
 DISCCART 407962.49990018 3758512.50565081 0.00 1.50
 ** receptor =B1323+1 (sensitive receptor: C1282)
 DISCCART 407962.49990018 3758487.50074049 0.00 1.50
 ** receptor =B1324+1 (sensitive receptor: C1283)
 DISCCART 407962.49990018 3758462.50582813 0.00 1.50
 ** receptor =B1325+1 (sensitive receptor: C1284)
 DISCCART 407962.49990018 3758437.50091781 0.00 1.50
 ** receptor =B1326+1 (sensitive receptor: C1285)
 DISCCART 407962.49990018 3758412.50600545 0.00 1.50
 ** receptor =B1327+1 (sensitive receptor: C1286)
 DISCCART 407962.49990018 3758387.50109513 0.00 1.50
 ** receptor =B1328+1 (sensitive receptor: C1287)
 DISCCART 407962.49990018 3758362.50618277 0.00 1.50
 ** receptor =B1329+1 (sensitive receptor: C1288)
 DISCCART 407962.49990018 3758337.50127244 0.00 1.50
 ** receptor =B1330+1 (sensitive receptor: C1289)
 DISCCART 407962.49990018 3758312.50636009 0.00 1.50
 ** receptor =B1331+1 (sensitive receptor: C1290)
 DISCCART 407962.49990018 3758287.50144976 0.00 1.50
 ** receptor =B1332+1 (sensitive receptor: C1291)
 DISCCART 407962.49990018 3758262.50653741 0.00 1.50
 ** receptor =B1333+1 (sensitive receptor: C1292)
 DISCCART 407962.49990018 3758237.50162708 0.00 1.50
 ** receptor =B1334+1 (sensitive receptor: C1293)
 DISCCART 407962.49990018 3758212.50671473 0.00 1.50
 ** receptor =B1335+1 (sensitive receptor: C1294)
 DISCCART 407962.49990018 3758187.5018044 0.00 1.50
 ** receptor =B1336+1 (sensitive receptor: C1295)
 DISCCART 407962.49990018 3758162.50689204 0.00 1.50
 ** receptor =B1337+1 (sensitive receptor: C1296)
 DISCCART 407962.49990018 3758137.50198172 0.00 1.50
 ** receptor =B1338+1 (sensitive receptor: C1297)
 DISCCART 407987.501300085 3758512.50565081 0.00 1.50
 ** receptor =B1339+1 (sensitive receptor: C1298)
 DISCCART 407987.501300085 3758487.50074049 0.00 1.50
 ** receptor =B1340+1 (sensitive receptor: C1299)
 DISCCART 407987.501300085 3758462.50582813 0.00 1.50
 ** receptor =B1341+1 (sensitive receptor: C1300)
 DISCCART 407987.501300085 3758437.50091781 0.00 1.50
 ** receptor =B1342+1 (sensitive receptor: C1301)
 DISCCART 407987.501300085 3758412.50600545 0.00 1.50
 ** receptor =B1343+1 (sensitive receptor: C1302)
 DISCCART 407987.501300085 3758387.50109513 0.00 1.50
 ** receptor =B1344+1 (sensitive receptor: C1303)
 DISCCART 407987.501300085 3758362.50618277 0.00 1.50
 ** receptor =B1345+1 (sensitive receptor: C1304)
 DISCCART 407987.501300085 3758337.50127244 0.00 1.50
 ** receptor =B1346+1 (sensitive receptor: C1305)
 DISCCART 407987.501300085 3758312.50636009 0.00 1.50
 ** receptor =B1347+1 (sensitive receptor: C1306)
 DISCCART 407987.501300085 3758287.50144976 0.00 1.50
 ** receptor =B1348+1 (sensitive receptor: C1307)
 DISCCART 407987.501300085 3758262.50653741 0.00 1.50
 ** receptor =B1349+1 (sensitive receptor: C1308)
 DISCCART 407987.501300085 3758237.50162708 0.00 1.50
 ** receptor =B1350+1 (sensitive receptor: C1309)
 DISCCART 407987.501300085 3758212.50671473 0.00 1.50
 ** receptor =B1351+1 (sensitive receptor: C1310)
 DISCCART 407987.501300085 3758187.5018044 0.00 1.50
 ** receptor =B1352+1 (sensitive receptor: C1311)
 DISCCART 407987.501300085 3758162.50689204 0.00 1.50
 ** receptor =B1353+1 (sensitive receptor: C1312)

Appendix B

NOx Annual Emissions Unmitigated

DISCCART 407987.501300085 3758137.50198172 0.00 1.50
 ** receptor =B1354+1 (sensitive receptor: C1313)
 DISCCART 408012.502699991 3758512.50565081 0.00 1.50
 ** receptor =B1355+1 (sensitive receptor: C1314)
 DISCCART 408012.502699991 3758487.50074049 0.00 1.50
 ** receptor =B1356+1 (sensitive receptor: C1315)
 DISCCART 408012.502699991 3758462.50582813 0.00 1.50
 ** receptor =B1357+1 (sensitive receptor: C1316)
 DISCCART 408012.502699991 3758437.50091781 0.00 1.50
 ** receptor =B1358+1 (sensitive receptor: C1317)
 DISCCART 408012.502699991 3758412.50600545 0.00 1.50
 ** receptor =B1359+1 (sensitive receptor: C1318)
 DISCCART 408012.502699991 3758387.50109513 0.00 1.50
 ** receptor =B1360+1 (sensitive receptor: C1319)
 DISCCART 408012.502699991 3758362.50618277 0.00 1.50
 ** receptor =B1361+1 (sensitive receptor: C1320)
 DISCCART 408012.502699991 3758337.50127244 0.00 1.50
 ** receptor =B1362+1 (sensitive receptor: C1321)
 DISCCART 408012.502699991 3758312.50636009 0.00 1.50
 ** receptor =B1363+1 (sensitive receptor: C1322)
 DISCCART 408012.502699991 3758287.50144976 0.00 1.50
 ** receptor =B1364+1 (sensitive receptor: C1323)
 DISCCART 408012.502699991 3758262.50653741 0.00 1.50
 ** receptor =B1365+1 (sensitive receptor: C1324)
 DISCCART 408012.502699991 3758237.50162708 0.00 1.50
 ** receptor =B1366+1 (sensitive receptor: C1325)
 DISCCART 408012.502699991 3758212.50671473 0.00 1.50
 ** receptor =B1367+1 (sensitive receptor: C1326)
 DISCCART 408012.502699991 3758187.5018044 0.00 1.50
 ** receptor =B1368+1 (sensitive receptor: C1327)
 DISCCART 408012.502699991 3758162.50689204 0.00 1.50
 ** receptor =B1369+1 (sensitive receptor: C1328)
 DISCCART 408012.502699991 3758137.50198172 0.00 1.50
 ** receptor =B1370+1 (sensitive receptor: C1329)
 DISCCART 408037.495854052 3758512.50565081 0.00 1.50
 ** receptor =B1371+1 (sensitive receptor: C1330)
 DISCCART 408037.495854052 3758487.50074049 0.00 1.50
 ** receptor =B1372+1 (sensitive receptor: C1331)
 DISCCART 408037.495854052 3758462.50582813 0.00 1.50
 ** receptor =B1373+1 (sensitive receptor: C1332)
 DISCCART 408037.495854052 3758437.50091781 0.00 1.50
 ** receptor =B1374+1 (sensitive receptor: C1333)
 DISCCART 408037.495854052 3758412.50600545 0.00 1.50
 ** receptor =B1375+1 (sensitive receptor: C1334)
 DISCCART 408037.495854052 3758387.50109513 0.00 1.50
 ** receptor =B1376+1 (sensitive receptor: C1335)
 DISCCART 408037.495854052 3758362.50618277 0.00 1.50
 ** receptor =B1377+1 (sensitive receptor: C1336)
 DISCCART 408037.495854052 3758337.50127244 0.00 1.50
 ** receptor =B1378+1 (sensitive receptor: C1337)
 DISCCART 408037.495854052 3758312.50636009 0.00 1.50
 ** receptor =B1379+1 (sensitive receptor: C1338)
 DISCCART 408037.495854052 3758287.50144976 0.00 1.50
 ** receptor =B1380+1 (sensitive receptor: C1339)
 DISCCART 408037.495854052 3758262.50653741 0.00 1.50
 ** receptor =B1381+1 (sensitive receptor: C1340)
 DISCCART 408037.495854052 3758237.50162708 0.00 1.50
 ** receptor =B1382+1 (sensitive receptor: C1341)
 DISCCART 408037.495854052 3758212.50671473 0.00 1.50
 ** receptor =B1383+1 (sensitive receptor: C1342)
 DISCCART 408037.495854052 3758187.5018044 0.00 1.50
 ** receptor =B1384+1 (sensitive receptor: C1343)
 DISCCART 408037.495854052 3758162.50689204 0.00 1.50
 ** receptor =B1385+1 (sensitive receptor: C1344)
 DISCCART 408037.495854052 3758137.50198172 0.00 1.50
 ** receptor =B1386+1 (sensitive receptor: C1345)
 DISCCART 408062.497253958 3758512.50565081 0.00 1.50
 ** receptor =B1387+1 (sensitive receptor: C1346)
 DISCCART 408062.497253958 3758487.50074049 0.00 1.50
 ** receptor =B1388+1 (sensitive receptor: C1347)
 DISCCART 408062.497253958 3758462.50582813 0.00 1.50
 ** receptor =B1389+1 (sensitive receptor: C1348)
 DISCCART 408062.497253958 3758437.50091781 0.00 1.50
 ** receptor =B1390+1 (sensitive receptor: C1349)
 DISCCART 408062.497253958 3758412.50600545 0.00 1.50
 ** receptor =B1391+1 (sensitive receptor: C1350)

Appendix B

NOx Annual Emissions Unmitigated

DISCCART 408062.497253958 3758387.50109513 0.00 1.50
 ** receptor =B1392+1 (sensitive receptor: C1351)
 DISCCART 408062.497253958 3758362.50618277 0.00 1.50
 ** receptor =B1393+1 (sensitive receptor: C1352)
 DISCCART 408062.497253958 3758337.50127244 0.00 1.50
 ** receptor =B1394+1 (sensitive receptor: C1353)
 DISCCART 408062.497253958 3758312.50636009 0.00 1.50
 ** receptor =B1395+1 (sensitive receptor: C1354)
 DISCCART 408062.497253958 3758287.50144976 0.00 1.50
 ** receptor =B1396+1 (sensitive receptor: C1355)
 DISCCART 408062.497253958 3758262.50653741 0.00 1.50
 ** receptor =B1397+1 (sensitive receptor: C1356)
 DISCCART 408062.497253958 3758237.50162708 0.00 1.50
 ** receptor =B1398+1 (sensitive receptor: C1357)
 DISCCART 408062.497253958 3758212.50671473 0.00 1.50
 ** receptor =B1399+1 (sensitive receptor: C1358)
 DISCCART 408062.497253958 3758187.5018044 0.00 1.50
 ** receptor =B1400+1 (sensitive receptor: C1359)
 DISCCART 408062.497253958 3758162.50689204 0.00 1.50
 ** receptor =B1401+1 (sensitive receptor: C1360)
 DISCCART 408062.497253958 3758137.50198172 0.00 1.50
 ** receptor =B1402+1 (sensitive receptor: C1361)
 DISCCART 408087.498653864 3758512.50565081 0.00 1.50
 ** receptor =B1403+1 (sensitive receptor: C1362)
 DISCCART 408087.498653864 3758487.50074049 0.00 1.50
 ** receptor =B1404+1 (sensitive receptor: C1363)
 DISCCART 408087.498653864 3758462.50582813 0.00 1.50
 ** receptor =B1405+1 (sensitive receptor: C1364)
 DISCCART 408087.498653864 3758437.50091781 0.00 1.50
 ** receptor =B1406+1 (sensitive receptor: C1365)
 DISCCART 408087.498653864 3758412.50600545 0.00 1.50
 ** receptor =B1407+1 (sensitive receptor: C1366)
 DISCCART 408087.498653864 3758387.50109513 0.00 1.50
 ** receptor =B1408+1 (sensitive receptor: C1367)
 DISCCART 408087.498653864 3758362.50618277 0.00 1.50
 ** receptor =B1409+1 (sensitive receptor: C1368)
 DISCCART 408087.498653864 3758337.50127244 0.00 1.50
 ** receptor =B1410+1 (sensitive receptor: C1369)
 DISCCART 408087.498653864 3758312.50636009 0.00 1.50
 ** receptor =B1411+1 (sensitive receptor: C1370)
 DISCCART 408087.498653864 3758287.50144976 0.00 1.50
 ** receptor =B1412+1 (sensitive receptor: C1371)
 DISCCART 408087.498653864 3758262.50653741 0.00 1.50
 ** receptor =B1413+1 (sensitive receptor: C1372)
 DISCCART 408087.498653864 3758237.50162708 0.00 1.50
 ** receptor =B1414+1 (sensitive receptor: C1373)
 DISCCART 408087.498653864 3758212.50671473 0.00 1.50
 ** receptor =B1415+1 (sensitive receptor: C1374)
 DISCCART 408087.498653864 3758187.5018044 0.00 1.50
 ** receptor =B1416+1 (sensitive receptor: C1375)
 DISCCART 408087.498653864 3758162.50689204 0.00 1.50
 ** receptor =B1417+1 (sensitive receptor: C1376)
 DISCCART 408087.498653864 3758137.50198172 0.00 1.50
 ** receptor =B1418+1 (sensitive receptor: C1377)
 DISCCART 408112.500053769 3758512.50565081 0.00 1.50
 ** receptor =B1419+1 (sensitive receptor: C1378)
 DISCCART 408112.500053769 3758487.50074049 0.00 1.50
 ** receptor =B1420+1 (sensitive receptor: C1379)
 DISCCART 408112.500053769 3758462.50582813 0.00 1.50
 ** receptor =B1421+1 (sensitive receptor: C1380)
 DISCCART 408112.500053769 3758437.50091781 0.00 1.50
 ** receptor =B1422+1 (sensitive receptor: C1381)
 DISCCART 408112.500053769 3758412.50600545 0.00 1.50
 ** receptor =B1423+1 (sensitive receptor: C1382)
 DISCCART 408112.500053769 3758387.50109513 0.00 1.50
 ** receptor =B1424+1 (sensitive receptor: C1383)
 DISCCART 408112.500053769 3758362.50618277 0.00 1.50
 ** receptor =B1425+1 (sensitive receptor: C1384)
 DISCCART 408112.500053769 3758337.50127244 0.00 1.50
 ** receptor =B1426+1 (sensitive receptor: C1385)
 DISCCART 408112.500053769 3758312.50636009 0.00 1.50
 ** receptor =B1427+1 (sensitive receptor: C1386)
 DISCCART 408112.500053769 3758287.50144976 0.00 1.50
 ** receptor =B1428+1 (sensitive receptor: C1387)
 DISCCART 408112.500053769 3758262.50653741 0.00 1.50
 ** receptor =B1429+1 (sensitive receptor: C1388)

Appendix B

NOx Annual Emissions Unmitigated

DISCCART 408112.500053769 3758237.50162708 0.00 1.50
 ** receptor =B1430+1 (sensitive receptor: C1389)
 DISCCART 408112.500053769 3758212.50671473 0.00 1.50
 ** receptor =B1431+1 (sensitive receptor: C1390)
 DISCCART 408112.500053769 3758187.5018044 0.00 1.50
 ** receptor =B1432+1 (sensitive receptor: C1391)
 DISCCART 408112.500053769 3758162.50689204 0.00 1.50
 ** receptor =B1433+1 (sensitive receptor: C1392)
 DISCCART 408112.500053769 3758137.50198172 0.00 1.50
 ** receptor =B1434+1 (sensitive receptor: C1393)
 DISCCART 405962.503349551 3758562.50547349 305.00 1.50
 ** receptor =B1435+1 (sensitive receptor: C1394)
 DISCCART 406012.497903518 3758562.50547349 310.40 1.50
 ** receptor =B1436+1 (sensitive receptor: C1395)
 DISCCART 406062.500703329 3758562.50547349 313.60 1.50
 ** receptor =B1437+1 (sensitive receptor: C1396)
 DISCCART 406112.495257296 3758562.50547349 318.20 1.50
 ** receptor =B1438+1 (sensitive receptor: C1397)
 DISCCART 406162.498057107 3758562.50547349 322.40 1.50
 ** receptor =B1439+1 (sensitive receptor: C1398)
 DISCCART 406212.500856919 3758562.50547349 328.40 1.50
 ** receptor =B1440+1 (sensitive receptor: C1399)
 DISCCART 406262.495410886 3758562.50547349 335.50 1.50
 ** receptor =B1441+1 (sensitive receptor: C1400)
 DISCCART 406312.498210697 3758562.50547349 341.60 1.50
 ** receptor =B1442+1 (sensitive receptor: C1401)
 DISCCART 406362.501010508 3758562.50547349 345.30 1.50
 ** receptor =B1443+1 (sensitive receptor: C1402)
 DISCCART 406412.503810319 3758562.50547349 351.00 1.50
 ** receptor =B1444+1 (sensitive receptor: C1403)
 DISCCART 406462.498364286 3758562.50547349 354.70 1.50
 ** receptor =B1445+1 (sensitive receptor: C1404)
 DISCCART 405962.503349551 3760012.50033123 750.90 1.50
 ** receptor =B1446+1 (sensitive receptor: C1405)
 DISCCART 405962.503349551 3759962.50050855 743.80 1.50
 ** receptor =B1447+1 (sensitive receptor: C1406)
 DISCCART 405962.503349551 3759912.50068587 723.60 1.50
 ** receptor =B1448+1 (sensitive receptor: C1407)
 DISCCART 405962.503349551 3759862.50086319 669.10 1.50
 ** receptor =B1449+1 (sensitive receptor: C1408)
 DISCCART 405962.503349551 3759812.50104051 634.60 1.50
 ** receptor =B1450+1 (sensitive receptor: C1409)
 DISCCART 405962.503349551 3759762.50121783 620.30 1.50
 ** receptor =B1451+1 (sensitive receptor: C1410)
 DISCCART 405962.503349551 3759712.50139515 564.10 1.50
 ** receptor =B1452+1 (sensitive receptor: C1411)
 DISCCART 405962.503349551 3759662.50157247 540.40 1.50
 ** receptor =B1453+1 (sensitive receptor: C1412)
 DISCCART 405962.503349551 3759612.50174979 524.00 1.50
 ** receptor =B1454+1 (sensitive receptor: C1413)
 DISCCART 405962.503349551 3759562.5019271 515.20 1.50
 ** receptor =B1455+1 (sensitive receptor: C1414)
 DISCCART 405962.503349551 3759512.50210442 526.20 1.50
 ** receptor =B1456+1 (sensitive receptor: C1415)
 DISCCART 405962.503349551 3759462.50228174 524.00 1.50
 ** receptor =B1457+1 (sensitive receptor: C1416)
 DISCCART 405962.503349551 3759412.50245906 505.00 1.50
 ** receptor =B1458+1 (sensitive receptor: C1417)
 DISCCART 405962.503349551 3759362.50263638 471.70 1.50
 ** receptor =B1459+1 (sensitive receptor: C1418)
 DISCCART 405962.503349551 3759312.5028137 439.90 1.50
 ** receptor =B1460+1 (sensitive receptor: C1419)
 DISCCART 405962.503349551 3759262.50299102 407.50 1.50
 ** receptor =B1461+1 (sensitive receptor: C1420)
 DISCCART 405962.503349551 3759212.50316834 382.00 1.50
 ** receptor =B1462+1 (sensitive receptor: C1421)
 DISCCART 405962.503349551 3759162.50334566 375.50 1.50
 ** receptor =B1463+1 (sensitive receptor: C1422)
 DISCCART 405962.503349551 3759112.50352298 368.90 1.50
 ** receptor =B1464+1 (sensitive receptor: C1423)
 DISCCART 405962.503349551 3759062.5037003 360.80 1.50
 ** receptor =B1465+1 (sensitive receptor: C1424)
 DISCCART 405962.503349551 3759012.50387762 356.30 1.50
 ** receptor =B1466+1 (sensitive receptor: C1425)
 DISCCART 405962.503349551 3758962.50405494 351.90 1.50
 ** receptor =B1467+1 (sensitive receptor: C1426)

Appendix B

NOx Annual Emissions Unmitigated

** receptor	DISCCART	405962.503349551	3758912.50423226	344.80	1.50
	=B1468+1 (sensitive receptor: C1427)				
** receptor	DISCCART	405962.503349551	3758862.50440957	339.90	1.50
	=B1469+1 (sensitive receptor: C1428)				
** receptor	DISCCART	405962.503349551	3758812.50458689	334.60	1.50
	=B1470+1 (sensitive receptor: C1429)				
** receptor	DISCCART	405962.503349551	3758762.50476421	326.80	1.50
	=B1471+1 (sensitive receptor: C1430)				
** receptor	DISCCART	405962.503349551	3758712.50494153	321.40	1.50
	=B1472+1 (sensitive receptor: C1431)				
** receptor	DISCCART	405962.503349551	3758662.50511885	315.30	1.50
	=B1473+1 (sensitive receptor: C1432)				
** receptor	DISCCART	405962.503349551	3758612.50529617	311.60	1.50
	=B1474+1 (sensitive receptor: C1433)				
** receptor	DISCCART	406012.497903518	3760012.50033123	745.20	1.50
	=B1475+1 (sensitive receptor: C1434)				
** receptor	DISCCART	406012.497903518	3759962.50050855	709.30	1.50
	=B1476+1 (sensitive receptor: C1435)				
** receptor	DISCCART	406012.497903518	3759912.50068587	657.10	1.50
	=B1477+1 (sensitive receptor: C1436)				
** receptor	DISCCART	406012.497903518	3759862.50086319	652.70	1.50
	=B1478+1 (sensitive receptor: C1437)				
** receptor	DISCCART	406012.497903518	3759812.50104051	630.20	1.50
	=B1479+1 (sensitive receptor: C1438)				
** receptor	DISCCART	406012.497903518	3759762.50121783	621.20	1.50
	=B1480+1 (sensitive receptor: C1439)				
** receptor	DISCCART	406012.497903518	3759712.50139515	609.80	1.50
	=B1481+1 (sensitive receptor: C1440)				
** receptor	DISCCART	406012.497903518	3759662.50157247	547.00	1.50
	=B1482+1 (sensitive receptor: C1441)				
** receptor	DISCCART	406012.497903518	3759612.50174979	536.20	1.50
	=B1483+1 (sensitive receptor: C1442)				
** receptor	DISCCART	406012.497903518	3759562.5019271	527.20	1.50
	=B1484+1 (sensitive receptor: C1443)				
** receptor	DISCCART	406012.497903518	3759512.50210442	527.40	1.50
	=B1485+1 (sensitive receptor: C1444)				
** receptor	DISCCART	406012.497903518	3759462.50228174	510.20	1.50
	=B1486+1 (sensitive receptor: C1445)				
** receptor	DISCCART	406012.497903518	3759412.50245906	484.30	1.50
	=B1487+1 (sensitive receptor: C1446)				
** receptor	DISCCART	406012.497903518	3759362.50263638	463.80	1.50
	=B1488+1 (sensitive receptor: C1447)				
** receptor	DISCCART	406012.497903518	3759312.5028137	437.80	1.50
	=B1489+1 (sensitive receptor: C1448)				
** receptor	DISCCART	406012.497903518	3759262.50299102	416.70	1.50
	=B1490+1 (sensitive receptor: C1449)				
** receptor	DISCCART	406012.497903518	3759212.50316834	383.40	1.50
	=B1491+1 (sensitive receptor: C1450)				
** receptor	DISCCART	406012.497903518	3759162.50334566	380.50	1.50
	=B1492+1 (sensitive receptor: C1451)				
** receptor	DISCCART	406012.497903518	3759112.50352298	374.40	1.50
	=B1493+1 (sensitive receptor: C1452)				
** receptor	DISCCART	406012.497903518	3759062.5037003	366.10	1.50
	=B1494+1 (sensitive receptor: C1453)				
** receptor	DISCCART	406012.497903518	3759012.50387762	359.70	1.50
	=B1495+1 (sensitive receptor: C1454)				
** receptor	DISCCART	406012.497903518	3758962.50405494	358.00	1.50
	=B1496+1 (sensitive receptor: C1455)				
** receptor	DISCCART	406012.497903518	3758912.50423226	351.40	1.50
	=B1497+1 (sensitive receptor: C1456)				
** receptor	DISCCART	406012.497903518	3758862.50440957	342.70	1.50
	=B1498+1 (sensitive receptor: C1457)				
** receptor	DISCCART	406012.497903518	3758812.50458689	336.60	1.50
	=B1499+1 (sensitive receptor: C1458)				
** receptor	DISCCART	406012.497903518	3758762.50476421	331.70	1.50
	=B1500+1 (sensitive receptor: C1459)				
** receptor	DISCCART	406012.497903518	3758712.50494153	324.70	1.50
	=B1501+1 (sensitive receptor: C1460)				
** receptor	DISCCART	406012.497903518	3758662.50511885	318.20	1.50
	=B1502+1 (sensitive receptor: C1461)				
** receptor	DISCCART	406012.497903518	3758612.50529617	313.60	1.50
	=B1503+1 (sensitive receptor: C1462)				
** receptor	DISCCART	406062.500703329	3760012.50033123	693.70	1.50
	=B1504+1 (sensitive receptor: C1463)				
** receptor	DISCCART	406062.500703329	3759812.50104051	547.90	1.50
	=B1505+1 (sensitive receptor: C1464)				

Appendix B

NOx Annual Emissions Unmitigated

** DISCCART	406062.500703329	3759762.50121783	539.90	1.50
** receptor	=B1506+1 (sensitive receptor: C1465)			
** DISCCART	406062.500703329	3759712.50139515	551.10	1.50
** receptor	=B1507+1 (sensitive receptor: C1466)			
** DISCCART	406062.500703329	3759662.50157247	527.90	1.50
** receptor	=B1508+1 (sensitive receptor: C1467)			
** DISCCART	406062.500703329	3759612.50174979	525.00	1.50
** receptor	=B1509+1 (sensitive receptor: C1468)			
** DISCCART	406062.500703329	3759562.5019271	495.30	1.50
** receptor	=B1510+1 (sensitive receptor: C1469)			
** DISCCART	406062.500703329	3759512.50210442	470.80	1.50
** receptor	=B1511+1 (sensitive receptor: C1470)			
** DISCCART	406062.500703329	3759462.50228174	464.00	1.50
** receptor	=B1512+1 (sensitive receptor: C1471)			
** DISCCART	406062.500703329	3759412.50245906	448.20	1.50
** receptor	=B1513+1 (sensitive receptor: C1472)			
** DISCCART	406062.500703329	3759362.50263638	430.30	1.50
** receptor	=B1514+1 (sensitive receptor: C1473)			
** DISCCART	406062.500703329	3759312.5028137	423.40	1.50
** receptor	=B1515+1 (sensitive receptor: C1474)			
** DISCCART	406062.500703329	3759262.50299102	395.60	1.50
** receptor	=B1516+1 (sensitive receptor: C1475)			
** DISCCART	406062.500703329	3759212.50316834	392.40	1.50
** receptor	=B1517+1 (sensitive receptor: C1476)			
** DISCCART	406062.500703329	3759162.50334566	387.00	1.50
** receptor	=B1518+1 (sensitive receptor: C1477)			
** DISCCART	406062.500703329	3759112.50352298	380.50	1.50
** receptor	=B1519+1 (sensitive receptor: C1478)			
** DISCCART	406062.500703329	3759062.5037003	373.90	1.50
** receptor	=B1520+1 (sensitive receptor: C1479)			
** DISCCART	406062.500703329	3759012.50387762	368.30	1.50
** receptor	=B1521+1 (sensitive receptor: C1480)			
** DISCCART	406062.500703329	3758962.50405494	364.10	1.50
** receptor	=B1522+1 (sensitive receptor: C1481)			
** DISCCART	406062.500703329	3758912.50423226	356.30	1.50
** receptor	=B1523+1 (sensitive receptor: C1482)			
** DISCCART	406062.500703329	3758862.50440957	348.60	1.50
** receptor	=B1524+1 (sensitive receptor: C1483)			
** DISCCART	406062.500703329	3758812.50458689	342.70	1.50
** receptor	=B1525+1 (sensitive receptor: C1484)			
** DISCCART	406062.500703329	3758762.50476421	335.00	1.50
** receptor	=B1526+1 (sensitive receptor: C1485)			
** DISCCART	406062.500703329	3758712.50494153	328.40	1.50
** receptor	=B1527+1 (sensitive receptor: C1486)			
** DISCCART	406062.500703329	3758662.50511885	321.90	1.50
** receptor	=B1528+1 (sensitive receptor: C1487)			
** DISCCART	406062.500703329	3758612.50529617	318.20	1.50
** receptor	=B1529+1 (sensitive receptor: C1488)			
** DISCCART	406112.495257296	3760012.50033123	615.50	1.50
** receptor	=B1530+1 (sensitive receptor: C1489)			
** DISCCART	406112.495257296	3759812.50104051	485.40	1.50
** receptor	=B1531+1 (sensitive receptor: C1490)			
** DISCCART	406112.495257296	3759762.50121783	483.30	1.50
** receptor	=B1532+1 (sensitive receptor: C1491)			
** DISCCART	406112.495257296	3759712.50139515	478.00	1.50
** receptor	=B1533+1 (sensitive receptor: C1492)			
** DISCCART	406112.495257296	3759662.50157247	472.20	1.50
** receptor	=B1534+1 (sensitive receptor: C1493)			
** DISCCART	406112.495257296	3759612.50174979	469.00	1.50
** receptor	=B1535+1 (sensitive receptor: C1494)			
** DISCCART	406112.495257296	3759562.5019271	465.80	1.50
** receptor	=B1536+1 (sensitive receptor: C1495)			
** DISCCART	406112.495257296	3759512.50210442	461.50	1.50
** receptor	=B1537+1 (sensitive receptor: C1496)			
** DISCCART	406112.495257296	3759462.50228174	431.40	1.50
** receptor	=B1538+1 (sensitive receptor: C1497)			
** DISCCART	406112.495257296	3759412.50245906	422.30	1.50
** receptor	=B1539+1 (sensitive receptor: C1498)			
** DISCCART	406112.495257296	3759362.50263638	418.40	1.50
** receptor	=B1540+1 (sensitive receptor: C1499)			
** DISCCART	406112.495257296	3759312.5028137	417.50	1.50
** receptor	=B1541+1 (sensitive receptor: C1500)			
** DISCCART	406112.495257296	3759262.50299102	412.50	1.50
** receptor	=B1542+1 (sensitive receptor: C1501)			
** DISCCART	406112.495257296	3759212.50316834	400.60	1.50
** receptor	=B1543+1 (sensitive receptor: C1502)			

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** DISCCART	406112.495257296	3759162.50334566	394.00	1.50
** receptor	=B1544+1 (sensitive receptor: C1503)			
** DISCCART	406112.495257296	3759112.50352298	387.50	1.50
** receptor	=B1545+1 (sensitive receptor: C1504)			
** DISCCART	406112.495257296	3759062.5037003	380.50	1.50
** receptor	=B1546+1 (sensitive receptor: C1505)			
** DISCCART	406112.495257296	3759012.50387762	377.20	1.50
** receptor	=B1547+1 (sensitive receptor: C1506)			
** DISCCART	406112.495257296	3758962.50405494	369.40	1.50
** receptor	=B1548+1 (sensitive receptor: C1507)			
** DISCCART	406112.495257296	3758912.50423226	362.80	1.50
** receptor	=B1549+1 (sensitive receptor: C1508)			
** DISCCART	406112.495257296	3758862.50440957	356.30	1.50
** receptor	=B1550+1 (sensitive receptor: C1509)			
** DISCCART	406112.495257296	3758812.50458689	347.70	1.50
** receptor	=B1551+1 (sensitive receptor: C1510)			
** DISCCART	406112.495257296	3758762.50476421	339.90	1.50
** receptor	=B1552+1 (sensitive receptor: C1511)			
** DISCCART	406112.495257296	3758712.50494153	333.30	1.50
** receptor	=B1553+1 (sensitive receptor: C1512)			
** DISCCART	406112.495257296	3758662.50511885	326.80	1.50
** receptor	=B1554+1 (sensitive receptor: C1513)			
** DISCCART	406112.495257296	3758612.50529617	321.40	1.50
** receptor	=B1555+1 (sensitive receptor: C1514)			
** DISCCART	406162.498057107	3760012.50033123	522.00	1.50
** receptor	=B1556+1 (sensitive receptor: C1515)			
** DISCCART	406162.498057107	3759812.50104051	499.50	1.50
** receptor	=B1557+1 (sensitive receptor: C1516)			
** DISCCART	406162.498057107	3759462.50228174	445.40	1.50
** receptor	=B1558+1 (sensitive receptor: C1517)			
** DISCCART	406162.498057107	3759412.50245906	457.10	1.50
** receptor	=B1559+1 (sensitive receptor: C1518)			
** DISCCART	406162.498057107	3759362.50263638	450.40	1.50
** receptor	=B1560+1 (sensitive receptor: C1519)			
** DISCCART	406162.498057107	3759312.5028137	446.90	1.50
** receptor	=B1561+1 (sensitive receptor: C1520)			
** DISCCART	406162.498057107	3759262.50299102	421.80	1.50
** receptor	=B1562+1 (sensitive receptor: C1521)			
** DISCCART	406162.498057107	3759212.50316834	408.80	1.50
** receptor	=B1563+1 (sensitive receptor: C1522)			
** DISCCART	406162.498057107	3759162.50334566	400.60	1.50
** receptor	=B1564+1 (sensitive receptor: C1523)			
** DISCCART	406162.498057107	3759112.50352298	393.60	1.50
** receptor	=B1565+1 (sensitive receptor: C1524)			
** DISCCART	406162.498057107	3759062.5037003	387.00	1.50
** receptor	=B1566+1 (sensitive receptor: C1525)			
** DISCCART	406162.498057107	3759012.50387762	382.50	1.50
** receptor	=B1567+1 (sensitive receptor: C1526)			
** DISCCART	406162.498057107	3758962.50405494	377.60	1.50
** receptor	=B1568+1 (sensitive receptor: C1527)			
** DISCCART	406162.498057107	3758912.50423226	367.40	1.50
** receptor	=B1569+1 (sensitive receptor: C1528)			
** DISCCART	406162.498057107	3758862.50440957	360.80	1.50
** receptor	=B1570+1 (sensitive receptor: C1529)			
** DISCCART	406162.498057107	3758812.50458689	352.50	1.50
** receptor	=B1571+1 (sensitive receptor: C1530)			
** DISCCART	406162.498057107	3758762.50476421	343.20	1.50
** receptor	=B1572+1 (sensitive receptor: C1531)			
** DISCCART	406162.498057107	3758712.50494153	336.10	1.50
** receptor	=B1573+1 (sensitive receptor: C1532)			
** DISCCART	406162.498057107	3758662.50511885	331.30	1.50
** receptor	=B1574+1 (sensitive receptor: C1533)			
** DISCCART	406162.498057107	3758612.50529617	325.60	1.50
** receptor	=B1575+1 (sensitive receptor: C1534)			
** DISCCART	406212.500856919	3759412.50245906	483.40	1.50
** receptor	=B1576+1 (sensitive receptor: C1535)			
** DISCCART	406212.500856919	3759362.50263638	474.30	1.50
** receptor	=B1577+1 (sensitive receptor: C1536)			
** DISCCART	406212.500856919	3759312.5028137	454.20	1.50
** receptor	=B1578+1 (sensitive receptor: C1537)			
** DISCCART	406212.500856919	3759262.50299102	433.30	1.50
** receptor	=B1579+1 (sensitive receptor: C1538)			
** DISCCART	406212.500856919	3759212.50316834	415.30	1.50
** receptor	=B1580+1 (sensitive receptor: C1539)			
** DISCCART	406212.500856919	3759162.50334566	405.50	1.50
** receptor	=B1581+1 (sensitive receptor: C1540)			

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** DISCCART	406212.500856919	3759112.50352298	398.90	1.50
** receptor	=B1582+1 (sensitive receptor: C1541)			
** DISCCART	406212.500856919	3759062.5037003	393.60	1.50
** receptor	=B1583+1 (sensitive receptor: C1542)			
** DISCCART	406212.500856919	3759012.50387762	385.80	1.50
** receptor	=B1584+1 (sensitive receptor: C1543)			
** DISCCART	406212.500856919	3758962.50405494	380.50	1.50
** receptor	=B1585+1 (sensitive receptor: C1544)			
** DISCCART	406212.500856919	3758912.50423226	371.10	1.50
** receptor	=B1586+1 (sensitive receptor: C1545)			
** DISCCART	406212.500856919	3758862.50440957	362.80	1.50
** receptor	=B1587+1 (sensitive receptor: C1546)			
** DISCCART	406212.500856919	3758812.50458689	355.80	1.50
** receptor	=B1588+1 (sensitive receptor: C1547)			
** DISCCART	406212.500856919	3758762.50476421	344.80	1.50
** receptor	=B1589+1 (sensitive receptor: C1548)			
** DISCCART	406212.500856919	3758712.50494153	338.30	1.50
** receptor	=B1590+1 (sensitive receptor: C1549)			
** DISCCART	406212.500856919	3758662.50511885	334.60	1.50
** receptor	=B1591+1 (sensitive receptor: C1550)			
** DISCCART	406212.500856919	3758612.50529617	331.70	1.50
** receptor	=B1592+1 (sensitive receptor: C1551)			
** DISCCART	406262.495410886	3759412.50245906	499.50	1.50
** receptor	=B1593+1 (sensitive receptor: C1552)			
** DISCCART	406262.495410886	3759362.50263638	473.10	1.50
** receptor	=B1594+1 (sensitive receptor: C1553)			
** DISCCART	406262.495410886	3759312.5028137	453.10	1.50
** receptor	=B1595+1 (sensitive receptor: C1554)			
** DISCCART	406262.495410886	3759262.50299102	440.00	1.50
** receptor	=B1596+1 (sensitive receptor: C1555)			
** DISCCART	406262.495410886	3759212.50316834	421.40	1.50
** receptor	=B1597+1 (sensitive receptor: C1556)			
** DISCCART	406262.495410886	3759162.50334566	411.60	1.50
** receptor	=B1598+1 (sensitive receptor: C1557)			
** DISCCART	406262.495410886	3759112.50352298	403.40	1.50
** receptor	=B1599+1 (sensitive receptor: C1558)			
** DISCCART	406262.495410886	3759062.5037003	396.90	1.50
** receptor	=B1600+1 (sensitive receptor: C1559)			
** DISCCART	406262.495410886	3759012.50387762	387.00	1.50
** receptor	=B1601+1 (sensitive receptor: C1560)			
** DISCCART	406262.495410886	3758962.50405494	380.50	1.50
** receptor	=B1602+1 (sensitive receptor: C1561)			
** DISCCART	406262.495410886	3758912.50423226	372.20	1.50
** receptor	=B1603+1 (sensitive receptor: C1562)			
** DISCCART	406262.495410886	3758862.50440957	362.40	1.50
** receptor	=B1604+1 (sensitive receptor: C1563)			
** DISCCART	406262.495410886	3758812.50458689	355.80	1.50
** receptor	=B1605+1 (sensitive receptor: C1564)			
** DISCCART	406262.495410886	3758762.50476421	347.70	1.50
** receptor	=B1606+1 (sensitive receptor: C1565)			
** DISCCART	406262.495410886	3758712.50494153	343.20	1.50
** receptor	=B1607+1 (sensitive receptor: C1566)			
** DISCCART	406262.495410886	3758662.50511885	338.30	1.50
** receptor	=B1608+1 (sensitive receptor: C1567)			
** DISCCART	406262.495410886	3758612.50529617	336.60	1.50
** receptor	=B1609+1 (sensitive receptor: C1568)			
** DISCCART	406312.498210697	3759412.50245906	508.40	1.50
** receptor	=B1610+1 (sensitive receptor: C1569)			
** DISCCART	406312.498210697	3759362.50263638	489.00	1.50
** receptor	=B1611+1 (sensitive receptor: C1570)			
** DISCCART	406312.498210697	3759312.5028137	458.40	1.50
** receptor	=B1612+1 (sensitive receptor: C1571)			
** DISCCART	406312.498210697	3759262.50299102	444.40	1.50
** receptor	=B1613+1 (sensitive receptor: C1572)			
** DISCCART	406312.498210697	3759212.50316834	428.00	1.50
** receptor	=B1614+1 (sensitive receptor: C1573)			
** DISCCART	406312.498210697	3759162.50334566	415.30	1.50
** receptor	=B1615+1 (sensitive receptor: C1574)			
** DISCCART	406312.498210697	3759112.50352298	405.00	1.50
** receptor	=B1616+1 (sensitive receptor: C1575)			
** DISCCART	406312.498210697	3759062.5037003	396.90	1.50
** receptor	=B1617+1 (sensitive receptor: C1576)			
** DISCCART	406312.498210697	3759012.50387762	388.60	1.50
** receptor	=B1618+1 (sensitive receptor: C1577)			
** DISCCART	406312.498210697	3758962.50405494	378.80	1.50
** receptor	=B1619+1 (sensitive receptor: C1578)			

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** DISCCART	406312.498210697	3758912.50423226	370.60	1.50
** receptor	=B1620+1 (sensitive receptor: C1579)			
** DISCCART	406312.498210697	3758862.50440957	364.10	1.50
** receptor	=B1621+1 (sensitive receptor: C1580)			
** DISCCART	406312.498210697	3758812.50458689	357.50	1.50
** receptor	=B1622+1 (sensitive receptor: C1581)			
** DISCCART	406312.498210697	3758762.50476421	351.00	1.50
** receptor	=B1623+1 (sensitive receptor: C1582)			
** DISCCART	406312.498210697	3758712.50494153	344.80	1.50
** receptor	=B1624+1 (sensitive receptor: C1583)			
** DISCCART	406312.498210697	3758662.50511885	343.20	1.50
** receptor	=B1625+1 (sensitive receptor: C1584)			
** DISCCART	406312.498210697	3758612.50529617	342.00	1.50
** receptor	=B1626+1 (sensitive receptor: C1585)			
** DISCCART	406362.501010508	3759412.50245906	488.00	1.50
** receptor	=B1627+1 (sensitive receptor: C1586)			
** DISCCART	406362.501010508	3759362.50263638	481.90	1.50
** receptor	=B1628+1 (sensitive receptor: C1587)			
** DISCCART	406362.501010508	3759312.5028137	457.50	1.50
** receptor	=B1629+1 (sensitive receptor: C1588)			
** DISCCART	406362.501010508	3759262.50299102	440.60	1.50
** receptor	=B1630+1 (sensitive receptor: C1589)			
** DISCCART	406362.501010508	3759212.50316834	429.70	1.50
** receptor	=B1631+1 (sensitive receptor: C1590)			
** DISCCART	406362.501010508	3759162.50334566	417.00	1.50
** receptor	=B1632+1 (sensitive receptor: C1591)			
** DISCCART	406362.501010508	3759112.50352298	407.20	1.50
** receptor	=B1633+1 (sensitive receptor: C1592)			
** DISCCART	406362.501010508	3759062.5037003	398.40	1.50
** receptor	=B1634+1 (sensitive receptor: C1593)			
** DISCCART	406362.501010508	3759012.50387762	389.10	1.50
** receptor	=B1635+1 (sensitive receptor: C1594)			
** DISCCART	406362.501010508	3758962.50405494	380.50	1.50
** receptor	=B1636+1 (sensitive receptor: C1595)			
** DISCCART	406362.501010508	3758912.50423226	372.20	1.50
** receptor	=B1637+1 (sensitive receptor: C1596)			
** DISCCART	406362.501010508	3758862.50440957	361.90	1.50
** receptor	=B1638+1 (sensitive receptor: C1597)			
** DISCCART	406362.501010508	3758812.50458689	356.60	1.50
** receptor	=B1639+1 (sensitive receptor: C1598)			
** DISCCART	406362.501010508	3758762.50476421	353.00	1.50
** receptor	=B1640+1 (sensitive receptor: C1599)			
** DISCCART	406362.501010508	3758712.50494153	351.00	1.50
** receptor	=B1641+1 (sensitive receptor: C1600)			
** DISCCART	406362.501010508	3758662.50511885	349.70	1.50
** receptor	=B1642+1 (sensitive receptor: C1601)			
** DISCCART	406362.501010508	3758612.50529617	347.70	1.50
** receptor	=B1643+1 (sensitive receptor: C1602)			
** DISCCART	406412.503810319	3759312.5028137	452.60	1.50
** receptor	=B1644+1 (sensitive receptor: C1603)			
** DISCCART	406412.503810319	3759262.50299102	442.80	1.50
** receptor	=B1645+1 (sensitive receptor: C1604)			
** DISCCART	406412.503810319	3759212.50316834	431.70	1.50
** receptor	=B1646+1 (sensitive receptor: C1605)			
** DISCCART	406412.503810319	3759162.50334566	418.10	1.50
** receptor	=B1647+1 (sensitive receptor: C1606)			
** DISCCART	406412.503810319	3759112.50352298	408.30	1.50
** receptor	=B1648+1 (sensitive receptor: C1607)			
** DISCCART	406412.503810319	3759062.5037003	399.70	1.50
** receptor	=B1649+1 (sensitive receptor: C1608)			
** DISCCART	406412.503810319	3759012.50387762	391.90	1.50
** receptor	=B1650+1 (sensitive receptor: C1609)			
** DISCCART	406412.503810319	3758962.50405494	382.00	1.50
** receptor	=B1651+1 (sensitive receptor: C1610)			
** DISCCART	406412.503810319	3758912.50423226	372.20	1.50
** receptor	=B1652+1 (sensitive receptor: C1611)			
** DISCCART	406412.503810319	3758862.50440957	358.60	1.50
** receptor	=B1653+1 (sensitive receptor: C1612)			
** DISCCART	406412.503810319	3758812.50458689	356.30	1.50
** receptor	=B1654+1 (sensitive receptor: C1613)			
** DISCCART	406412.503810319	3758762.50476421	356.40	1.50
** receptor	=B1655+1 (sensitive receptor: C1614)			
** DISCCART	406412.503810319	3758712.50494153	357.50	1.50
** receptor	=B1656+1 (sensitive receptor: C1615)			
** DISCCART	406412.503810319	3758662.50511885	357.50	1.50
** receptor	=B1657+1 (sensitive receptor: C1616)			

Appendix B

NOx Annual Emissions Unmitigated

** DISCCART	406412.503810319	3758612.50529617	354.20	1.50
** receptor	=B1658+1 (sensitive receptor: C1617)			
** DISCCART	406462.498364286	3759312.5028137	452.60	1.50
** receptor	=B1659+1 (sensitive receptor: C1618)			
** DISCCART	406462.498364286	3759262.50299102	443.20	1.50
** receptor	=B1660+1 (sensitive receptor: C1619)			
** DISCCART	406462.498364286	3759212.50316834	431.20	1.50
** receptor	=B1661+1 (sensitive receptor: C1620)			
** DISCCART	406462.498364286	3759162.50334566	418.10	1.50
** receptor	=B1662+1 (sensitive receptor: C1621)			
** DISCCART	406462.498364286	3759112.50352298	408.30	1.50
** receptor	=B1663+1 (sensitive receptor: C1622)			
** DISCCART	406462.498364286	3759062.5037003	396.90	1.50
** receptor	=B1664+1 (sensitive receptor: C1623)			
** DISCCART	406462.498364286	3759012.50387762	391.90	1.50
** receptor	=B1665+1 (sensitive receptor: C1624)			
** DISCCART	406462.498364286	3758962.50405494	384.20	1.50
** receptor	=B1666+1 (sensitive receptor: C1625)			
** DISCCART	406462.498364286	3758912.50423226	376.40	1.50
** receptor	=B1667+1 (sensitive receptor: C1626)			
** DISCCART	406462.498364286	3758862.50440957	361.70	1.50
** receptor	=B1668+1 (sensitive receptor: C1627)			
** DISCCART	406462.498364286	3758812.50458689	359.70	1.50
** receptor	=B1669+1 (sensitive receptor: C1628)			
** DISCCART	406462.498364286	3758762.50476421	363.00	1.50
** receptor	=B1670+1 (sensitive receptor: C1629)			
** DISCCART	406462.498364286	3758712.50494153	363.00	1.50
** receptor	=B1671+1 (sensitive receptor: C1630)			
** DISCCART	406462.498364286	3758662.50511885	360.80	1.50
** receptor	=B1672+1 (sensitive receptor: C1631)			
** DISCCART	406462.498364286	3758612.50529617	357.50	1.50
** receptor	=B1673+1 (sensitive receptor: C1632)			
** DISCCART	406512.501164097	3759262.50299102	446.10	1.50
** receptor	=B1674+1 (sensitive receptor: C1633)			
** DISCCART	406512.501164097	3759212.50316834	433.30	1.50
** receptor	=B1675+1 (sensitive receptor: C1634)			
** DISCCART	406512.501164097	3759162.50334566	418.10	1.50
** receptor	=B1676+1 (sensitive receptor: C1635)			
** DISCCART	406512.501164097	3759112.50352298	410.00	1.50
** receptor	=B1677+1 (sensitive receptor: C1636)			
** DISCCART	406512.501164097	3759062.5037003	402.20	1.50
** receptor	=B1678+1 (sensitive receptor: C1637)			
** DISCCART	406512.501164097	3759012.50387762	394.00	1.50
** receptor	=B1679+1 (sensitive receptor: C1638)			
** DISCCART	406512.501164097	3758962.50405494	384.90	1.50
** receptor	=B1680+1 (sensitive receptor: C1639)			
** DISCCART	406512.501164097	3758912.50423226	378.80	1.50
** receptor	=B1681+1 (sensitive receptor: C1640)			
** DISCCART	406512.501164097	3758862.50440957	371.60	1.50
** receptor	=B1682+1 (sensitive receptor: C1641)			
** DISCCART	406512.501164097	3758812.50458689	374.80	1.50
** receptor	=B1683+1 (sensitive receptor: C1642)			
** DISCCART	406512.501164097	3758762.50476421	372.70	1.50
** receptor	=B1684+1 (sensitive receptor: C1643)			
** DISCCART	406512.501164097	3758712.50494153	370.60	1.50
** receptor	=B1685+1 (sensitive receptor: C1644)			
** DISCCART	406512.501164097	3758662.50511885	367.40	1.50
** receptor	=B1686+1 (sensitive receptor: C1645)			
** DISCCART	406512.501164097	3758612.50529617	362.80	1.50
** receptor	=B1687+1 (sensitive receptor: C1646)			
** DISCCART	406537.502564003	3758562.50547349	360.80	1.50
** receptor	=B1688+1 (sensitive receptor: C1647)			
** DISCCART	406562.495718064	3759262.50299102	450.90	1.50
** receptor	=B1689+1 (sensitive receptor: C1648)			
** DISCCART	406562.495718064	3759212.50316834	438.30	1.50
** receptor	=B1690+1 (sensitive receptor: C1649)			
** DISCCART	406562.495718064	3759162.50334566	425.60	1.50
** receptor	=B1691+1 (sensitive receptor: C1650)			
** DISCCART	406562.495718064	3759112.50352298	415.30	1.50
** receptor	=B1692+1 (sensitive receptor: C1651)			
** DISCCART	406562.495718064	3759062.5037003	406.70	1.50
** receptor	=B1693+1 (sensitive receptor: C1652)			
** DISCCART	406562.495718064	3759012.50387762	398.40	1.50
** receptor	=B1694+1 (sensitive receptor: C1653)			
** DISCCART	406562.495718064	3758962.50405494	383.00	1.50
** receptor	=B1695+1 (sensitive receptor: C1654)			

Appendix B

NOx Annual Emissions Unmitigated

** DISCCART	406562.495718064	3758912.50423226	381.40	1.50
** receptor	=B1696+1 (sensitive receptor: C1655)			
** DISCCART	406562.495718064	3758862.50440957	384.70	1.50
** receptor	=B1697+1 (sensitive receptor: C1656)			
** DISCCART	406562.495718064	3758812.50458689	383.80	1.50
** receptor	=B1698+1 (sensitive receptor: C1657)			
** DISCCART	406562.495718064	3758762.50476421	380.50	1.50
** receptor	=B1699+1 (sensitive receptor: C1658)			
** DISCCART	406562.495718064	3758712.50494153	377.20	1.50
** receptor	=B1700+1 (sensitive receptor: C1659)			
** DISCCART	406562.495718064	3758662.50511885	372.70	1.50
** receptor	=B1701+1 (sensitive receptor: C1660)			
** DISCCART	406562.495718064	3758612.50529617	367.40	1.50
** receptor	=B1702+1 (sensitive receptor: C1661)			
** DISCCART	406587.49711797	3758562.50547349	362.40	1.50
** receptor	=B1703+1 (sensitive receptor: C1662)			
** DISCCART	406612.498517875	3759212.50316834	447.60	1.50
** receptor	=B1704+1 (sensitive receptor: C1663)			
** DISCCART	406612.498517875	3759162.50334566	435.00	1.50
** receptor	=B1705+1 (sensitive receptor: C1664)			
** DISCCART	406612.498517875	3759112.50352298	421.90	1.50
** receptor	=B1706+1 (sensitive receptor: C1665)			
** DISCCART	406612.498517875	3759062.5037003	411.60	1.50
** receptor	=B1707+1 (sensitive receptor: C1666)			
** DISCCART	406612.498517875	3759012.50387762	398.40	1.50
** receptor	=B1708+1 (sensitive receptor: C1667)			
** DISCCART	406612.498517875	3758962.50405494	397.40	1.50
** receptor	=B1709+1 (sensitive receptor: C1668)			
** DISCCART	406612.498517875	3758912.50423226	397.40	1.50
** receptor	=B1710+1 (sensitive receptor: C1669)			
** DISCCART	406612.498517875	3758862.50440957	395.60	1.50
** receptor	=B1711+1 (sensitive receptor: C1670)			
** DISCCART	406612.498517875	3758812.50458689	390.80	1.50
** receptor	=B1712+1 (sensitive receptor: C1671)			
** DISCCART	406612.498517875	3758762.50476421	385.30	1.50
** receptor	=B1713+1 (sensitive receptor: C1672)			
** DISCCART	406612.498517875	3758712.50494153	380.90	1.50
** receptor	=B1714+1 (sensitive receptor: C1673)			
** DISCCART	406612.498517875	3758662.50511885	375.50	1.50
** receptor	=B1715+1 (sensitive receptor: C1674)			
** DISCCART	406637.499917781	3758562.50547349	360.80	1.50
** receptor	=B1716+1 (sensitive receptor: C1675)			
** DISCCART	406662.501317687	3759162.50334566	437.80	1.50
** receptor	=B1717+1 (sensitive receptor: C1676)			
** DISCCART	406662.501317687	3759112.50352298	422.60	1.50
** receptor	=B1718+1 (sensitive receptor: C1677)			
** DISCCART	406662.501317687	3759062.5037003	417.00	1.50
** receptor	=B1719+1 (sensitive receptor: C1678)			
** DISCCART	406662.501317687	3759012.50387762	407.60	1.50
** receptor	=B1720+1 (sensitive receptor: C1679)			
** DISCCART	406662.501317687	3758962.50405494	409.40	1.50
** receptor	=B1721+1 (sensitive receptor: C1680)			
** DISCCART	406662.501317687	3758912.50423226	407.20	1.50
** receptor	=B1722+1 (sensitive receptor: C1681)			
** DISCCART	406662.501317687	3758862.50440957	402.20	1.50
** receptor	=B1723+1 (sensitive receptor: C1682)			
** DISCCART	406662.501317687	3758812.50458689	395.20	1.50
** receptor	=B1724+1 (sensitive receptor: C1683)			
** DISCCART	406662.501317687	3758762.50476421	387.00	1.50
** receptor	=B1725+1 (sensitive receptor: C1684)			
** DISCCART	406662.501317687	3758712.50494153	380.50	1.50
** receptor	=B1726+1 (sensitive receptor: C1685)			
** DISCCART	406687.502717592	3758562.50547349	364.90	1.50
** receptor	=B1727+1 (sensitive receptor: C1686)			
** DISCCART	406712.495871654	3759162.50334566	437.80	1.50
** receptor	=B1728+1 (sensitive receptor: C1687)			
** DISCCART	406712.495871654	3759112.50352298	427.30	1.50
** receptor	=B1729+1 (sensitive receptor: C1688)			
** DISCCART	406712.495871654	3759062.5037003	436.00	1.50
** receptor	=B1730+1 (sensitive receptor: C1689)			
** DISCCART	406712.495871654	3759012.50387762	426.80	1.50
** receptor	=B1731+1 (sensitive receptor: C1690)			
** DISCCART	406712.495871654	3758962.50405494	423.10	1.50
** receptor	=B1732+1 (sensitive receptor: C1691)			
** DISCCART	406712.495871654	3758912.50423226	411.60	1.50
** receptor	=B1733+1 (sensitive receptor: C1692)			

Appendix B

NOx Annual Emissions Unmitigated

** DISCCART	406712.495871654	3758862.50440957	401.30	1.50
** receptor	=B1734+1 (sensitive receptor: C1693)			
** DISCCART	406712.495871654	3758612.50529617	379.20	1.50
** receptor	=B1735+1 (sensitive receptor: C1694)			
** DISCCART	406737.497271559	3758562.50547349	367.40	1.50
** receptor	=B1736+1 (sensitive receptor: C1695)			
** DISCCART	406762.498671465	3759062.5037003	457.90	1.50
** receptor	=B1737+1 (sensitive receptor: C1696)			
** DISCCART	406762.498671465	3759012.50387762	438.30	1.50
** receptor	=B1738+1 (sensitive receptor: C1697)			
** DISCCART	406762.498671465	3758962.50405494	424.70	1.50
** receptor	=B1739+1 (sensitive receptor: C1698)			
** DISCCART	406762.498671465	3758912.50423226	409.90	1.50
** receptor	=B1740+1 (sensitive receptor: C1699)			
** DISCCART	406762.498671465	3758662.50511885	389.80	1.50
** receptor	=B1741+1 (sensitive receptor: C1700)			
** DISCCART	406762.498671465	3758612.50529617	378.30	1.50
** receptor	=B1742+1 (sensitive receptor: C1701)			
** DISCCART	406787.50007137	3758562.50547349	370.50	1.50
** receptor	=B1743+1 (sensitive receptor: C1702)			
** DISCCART	406812.501471276	3759012.50387762	445.90	1.50
** receptor	=B1744+1 (sensitive receptor: C1703)			
** DISCCART	406812.501471276	3758962.50405494	423.80	1.50
** receptor	=B1745+1 (sensitive receptor: C1704)			
** DISCCART	406812.501471276	3758712.50494153	400.60	1.50
** receptor	=B1746+1 (sensitive receptor: C1705)			
** DISCCART	406812.501471276	3758662.50511885	392.40	1.50
** receptor	=B1747+1 (sensitive receptor: C1706)			
** DISCCART	406812.501471276	3758612.50529617	383.80	1.50
** receptor	=B1748+1 (sensitive receptor: C1707)			
** DISCCART	406837.502871182	3758562.50547349	357.50	1.50
** receptor	=B1749+1 (sensitive receptor: C1708)			
** DISCCART	406862.496025243	3758762.50476421	408.80	1.50
** receptor	=B1750+1 (sensitive receptor: C1709)			
** DISCCART	406862.496025243	3758712.50494153	403.40	1.50
** receptor	=B1751+1 (sensitive receptor: C1710)			
** DISCCART	406862.496025243	3758662.50511885	393.60	1.50
** receptor	=B1752+1 (sensitive receptor: C1711)			
** DISCCART	406862.496025243	3758612.50529617	377.80	1.50
** receptor	=B1753+1 (sensitive receptor: C1712)			
** DISCCART	406887.497425149	3758562.50547349	377.60	1.50
** receptor	=B1754+1 (sensitive receptor: C1713)			
** DISCCART	406912.498825054	3758762.50476421	411.60	1.50
** receptor	=B1755+1 (sensitive receptor: C1714)			
** DISCCART	406912.498825054	3758712.50494153	399.70	1.50
** receptor	=B1756+1 (sensitive receptor: C1715)			
** DISCCART	406912.498825054	3758662.50511885	388.60	1.50
** receptor	=B1757+1 (sensitive receptor: C1716)			
** DISCCART	406912.498825054	3758612.50529617	369.60	1.50
** receptor	=B1758+1 (sensitive receptor: C1717)			
** DISCCART	406937.50022496	3758562.50547349	382.00	1.50
** receptor	=B1759+1 (sensitive receptor: C1718)			
** DISCCART	406962.501624865	3758762.50476421	411.60	1.50
** receptor	=B1760+1 (sensitive receptor: C1719)			
** DISCCART	406962.501624865	3758712.50494153	398.40	1.50
** receptor	=B1761+1 (sensitive receptor: C1720)			
** DISCCART	406962.501624865	3758662.50511885	385.30	1.50
** receptor	=B1762+1 (sensitive receptor: C1721)			
** DISCCART	406962.501624865	3758612.50529617	380.50	1.50
** receptor	=B1763+1 (sensitive receptor: C1722)			
** DISCCART	406987.503024771	3758562.50547349	393.30	1.50
** receptor	=B1764+1 (sensitive receptor: C1723)			
** DISCCART	407012.504424677	3758712.50494153	400.80	1.50
** receptor	=B1765+1 (sensitive receptor: C1724)			
** DISCCART	407012.504424677	3758662.50511885	378.80	1.50
** receptor	=B1766+1 (sensitive receptor: C1725)			
** DISCCART	407012.504424677	3758612.50529617	385.50	1.50
** receptor	=B1767+1 (sensitive receptor: C1726)			
** DISCCART	407037.497578738	3758562.50547349	399.80	1.50
** receptor	=B1768+1 (sensitive receptor: C1727)			
** DISCCART	407062.498978644	3758662.50511885	377.70	1.50
** receptor	=B1769+1 (sensitive receptor: C1728)			
** DISCCART	407062.498978644	3758612.50529617	396.70	1.50
** receptor	=B1770+1 (sensitive receptor: C1729)			
** DISCCART	407087.500378549	3758562.50547349	406.70	1.50
** receptor	=B1771+1 (sensitive receptor: C1730)			

Appendix B

NOx Annual Emissions Unmitigated

** DISCCART	407112.501778455	3758662.50511885	396.80	1.50
** receptor	=B1772+1 (sensitive receptor: C1731)			
** DISCCART	407112.501778455	3758612.50529617	407.60	1.50
** receptor	=B1773+1 (sensitive receptor: C1732)			
** DISCCART	407137.50317836	3758562.50547349	416.60	1.50
** receptor	=B1774+1 (sensitive receptor: C1733)			
** DISCCART	407162.496332422	3758662.50511885	420.80	1.50
** receptor	=B1775+1 (sensitive receptor: C1734)			
** DISCCART	407162.496332422	3758612.50529617	416.60	1.50
** receptor	=B1776+1 (sensitive receptor: C1735)			
** DISCCART	407187.497732327	3758562.50547349	439.50	1.50
** receptor	=B1777+1 (sensitive receptor: C1736)			
** DISCCART	407212.499132233	3758662.50511885	435.40	1.50
** receptor	=B1778+1 (sensitive receptor: C1737)			
** DISCCART	407212.499132233	3758612.50529617	441.20	1.50
** receptor	=B1779+1 (sensitive receptor: C1738)			
** DISCCART	407237.500532139	3758562.50547349	457.60	1.50
** receptor	=B1780+1 (sensitive receptor: C1739)			
** DISCCART	407262.501932044	3758662.50511885	450.30	1.50
** receptor	=B1781+1 (sensitive receptor: C1740)			
** DISCCART	407262.501932044	3758612.50529617	450.30	1.50
** receptor	=B1782+1 (sensitive receptor: C1741)			
** DISCCART	407287.50333195	3758562.50547349	459.60	1.50
** receptor	=B1783+1 (sensitive receptor: C1742)			
** DISCCART	407312.496486011	3758662.50511885	466.70	1.50
** receptor	=B1784+1 (sensitive receptor: C1743)			
** DISCCART	407312.496486011	3758612.50529617	463.40	1.50
** receptor	=B1785+1 (sensitive receptor: C1744)			
** DISCCART	407337.497885917	3758562.50547349	475.30	1.50
** receptor	=B1786+1 (sensitive receptor: C1745)			
** DISCCART	407362.499285822	3758662.50511885	484.30	1.50
** receptor	=B1787+1 (sensitive receptor: C1746)			
** DISCCART	407362.499285822	3758612.50529617	479.80	1.50
** receptor	=B1788+1 (sensitive receptor: C1747)			
** DISCCART	407387.500685728	3758562.50547349	489.20	1.50
** receptor	=B1789+1 (sensitive receptor: C1748)			
** DISCCART	407412.502085634	3758662.50511885	497.40	1.50
** receptor	=B1790+1 (sensitive receptor: C1749)			
** DISCCART	407412.502085634	3758612.50529617	500.70	1.50
** receptor	=B1791+1 (sensitive receptor: C1750)			
** DISCCART	407437.495239695	3758562.50547349	507.00	1.50
** receptor	=B1792+1 (sensitive receptor: C1751)			
** DISCCART	407462.4966396	3758662.50511885	504.60	1.50
** receptor	=B1793+1 (sensitive receptor: C1752)			
** DISCCART	407462.4966396	3758612.50529617	505.90	1.50
** receptor	=B1794+1 (sensitive receptor: C1753)			
** DISCCART	407487.498039506	3758562.50547349	501.70	1.50
** receptor	=B1795+1 (sensitive receptor: C1754)			
** DISCCART	407512.499439412	3758662.50511885	483.60	1.50
** receptor	=B1796+1 (sensitive receptor: C1755)			
** DISCCART	407512.499439412	3758612.50529617	477.00	1.50
** receptor	=B1797+1 (sensitive receptor: C1756)			
** DISCCART	407537.500839317	3758562.50547349	0.00	1.50
** receptor	=B1798+1 (sensitive receptor: C1757)			
** DISCCART	407562.502239223	3758662.50511885	0.00	1.50
** receptor	=B1799+1 (sensitive receptor: C1758)			
** DISCCART	407562.502239223	3758612.50529617	0.00	1.50
** receptor	=B1800+1 (sensitive receptor: C1759)			
** DISCCART	407587.495393284	3758562.50547349	0.00	1.50
** receptor	=B1801+1 (sensitive receptor: C1760)			
** DISCCART	407612.49679319	3758662.50511885	0.00	1.50
** receptor	=B1802+1 (sensitive receptor: C1761)			
** DISCCART	407612.49679319	3758612.50529617	0.00	1.50
** receptor	=B1803+1 (sensitive receptor: C1762)			
** DISCCART	407637.498193095	3758562.50547349	0.00	1.50
** receptor	=B1804+1 (sensitive receptor: C1763)			
** DISCCART	407662.499593001	3758612.50529617	0.00	1.50
** receptor	=B1805+1 (sensitive receptor: C1764)			
** DISCCART	407687.500992907	3758562.50547349	0.00	1.50
** receptor	=B1806+1 (sensitive receptor: C1765)			
** DISCCART	407712.502392812	3758612.50529617	0.00	1.50
** receptor	=B1807+1 (sensitive receptor: C1766)			
** DISCCART	407737.495546874	3758562.50547349	0.00	1.50
** receptor	=B1808+1 (sensitive receptor: C1767)			
** DISCCART	407762.496946779	3758612.50529617	0.00	1.50
** receptor	=B1809+1 (sensitive receptor: C1768)			

Appendix B

NOx Annual Emissions Unmitigated

** DISCCART	407787.498346685	3758562.50547349	0.00	1.50
** receptor	=B1810+1 (sensitive receptor: C1769)			
** DISCCART	407812.49974659	3758612.50529617	0.00	1.50
** receptor	=B1811+1 (sensitive receptor: C1770)			
** DISCCART	407837.501146496	3758562.50547349	0.00	1.50
** receptor	=B1812+1 (sensitive receptor: C1771)			
** DISCCART	407862.502546402	3758612.50529617	0.00	1.50
** receptor	=B1813+1 (sensitive receptor: C1772)			
** DISCCART	407887.503946307	3758562.50547349	0.00	1.50
** receptor	=B1814+1 (sensitive receptor: C1773)			
** DISCCART	407912.497100369	3758612.50529617	0.00	1.50
** receptor	=B1815+1 (sensitive receptor: C1774)			
** DISCCART	407937.498500274	3758562.50547349	0.00	1.50
** receptor	=B1816+1 (sensitive receptor: C1775)			
** DISCCART	407962.49990018	3758612.50529617	0.00	1.50
** receptor	=B1817+1 (sensitive receptor: C1776)			
** DISCCART	407987.501300085	3758562.50547349	0.00	1.50
** receptor	=B1818+1 (sensitive receptor: C1777)			
** DISCCART	408012.502699991	3758612.50529617	0.00	1.50
** receptor	=B1819+1 (sensitive receptor: C1778)			
** DISCCART	408037.495854052	3758562.50547349	0.00	1.50
** receptor	=B1820+1 (sensitive receptor: C1779)			
** DISCCART	408062.497253958	3758612.50529617	0.00	1.50
** receptor	=B1821+1 (sensitive receptor: C1780)			
** DISCCART	408087.498653864	3758562.50547349	0.00	1.50
** receptor	=B1822+1 (sensitive receptor: C1781)			
** DISCCART	408112.500053769	3758612.50529617	0.00	1.50
** receptor	=B1823+1 (sensitive receptor: C1782)			
** DISCCART	405962.503349551	3758537.50056317	302.70	1.50
** receptor	=B1824+1 (sensitive receptor: C1783)			
** DISCCART	405987.496503612	3758562.50547349	307.90	1.50
** receptor	=B1825+1 (sensitive receptor: C1784)			
** DISCCART	406037.499303424	3758562.50547349	311.60	1.50
** receptor	=B1826+1 (sensitive receptor: C1785)			
** DISCCART	406087.502103235	3758562.50547349	314.90	1.50
** receptor	=B1827+1 (sensitive receptor: C1786)			
** DISCCART	406137.496657202	3758562.50547349	321.10	1.50
** receptor	=B1828+1 (sensitive receptor: C1787)			
** DISCCART	406187.499457013	3758562.50547349	324.70	1.50
** receptor	=B1829+1 (sensitive receptor: C1788)			
** DISCCART	406237.502256824	3758562.50547349	332.50	1.50
** receptor	=B1830+1 (sensitive receptor: C1789)			
** DISCCART	406287.496810791	3758562.50547349	339.10	1.50
** receptor	=B1831+1 (sensitive receptor: C1790)			
** DISCCART	406337.499610602	3758562.50547349	344.40	1.50
** receptor	=B1832+1 (sensitive receptor: C1791)			
** DISCCART	406387.502410414	3758562.50547349	347.70	1.50
** receptor	=B1833+1 (sensitive receptor: C1792)			
** DISCCART	406437.496964381	3758562.50547349	353.50	1.50
** receptor	=B1834+1 (sensitive receptor: C1793)			
** DISCCART	406487.499764192	3758562.50547349	357.50	1.50
** receptor	=B1835+1 (sensitive receptor: C1794)			
** DISCCART	406537.502564003	3758537.50056317	357.50	1.50
** receptor	=B1836+1 (sensitive receptor: C1795)			
** DISCCART	406587.49711797	3758537.50056317	360.00	1.50
** receptor	=B1837+1 (sensitive receptor: C1796)			
** DISCCART	406637.499917781	3758537.50056317	357.50	1.50
** receptor	=B1838+1 (sensitive receptor: C1797)			
** DISCCART	406687.502717592	3758537.50056317	360.80	1.50
** receptor	=B1839+1 (sensitive receptor: C1798)			
** DISCCART	406737.497271559	3758537.50056317	360.70	1.50
** receptor	=B1840+1 (sensitive receptor: C1799)			
** DISCCART	406787.50007137	3758537.50056317	360.80	1.50
** receptor	=B1841+1 (sensitive receptor: C1800)			
** DISCCART	406837.502871182	3758537.50056317	364.10	1.50
** receptor	=B1842+1 (sensitive receptor: C1801)			
** DISCCART	406887.497425149	3758537.50056317	373.10	1.50
** receptor	=B1843+1 (sensitive receptor: C1802)			
** DISCCART	406937.50022496	3758537.50056317	380.50	1.50
** receptor	=B1844+1 (sensitive receptor: C1803)			
** DISCCART	406987.503024771	3758537.50056317	396.20	1.50
** receptor	=B1845+1 (sensitive receptor: C1804)			
** DISCCART	407037.497578738	3758537.50056317	400.20	1.50
** receptor	=B1846+1 (sensitive receptor: C1805)			
** DISCCART	407087.500378549	3758537.50056317	409.40	1.50
** receptor	=B1847+1 (sensitive receptor: C1806)			

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** DISCCART	407137.50317836	3758537.50056317	422.50	1.50
** receptor	=B1848+1 (sensitive receptor: C1807)			
** DISCCART	407187.497732327	3758537.50056317	451.70	1.50
** receptor	=B1849+1 (sensitive receptor: C1808)			
** DISCCART	407237.500532139	3758537.50056317	462.60	1.50
** receptor	=B1850+1 (sensitive receptor: C1809)			
** DISCCART	407287.50333195	3758537.50056317	471.70	1.50
** receptor	=B1851+1 (sensitive receptor: C1810)			
** DISCCART	407337.497885917	3758537.50056317	482.40	1.50
** receptor	=B1852+1 (sensitive receptor: C1811)			
** DISCCART	407387.500685728	3758537.50056317	488.10	1.50
** receptor	=B1853+1 (sensitive receptor: C1812)			
** DISCCART	407437.495239695	3758537.50056317	503.70	1.50
** receptor	=B1854+1 (sensitive receptor: C1813)			
** DISCCART	407487.498039506	3758537.50056317	509.90	1.50
** receptor	=B1855+1 (sensitive receptor: C1814)			
** DISCCART	407537.500839317	3758537.50056317	0.00	1.50
** receptor	=B1856+1 (sensitive receptor: C1815)			
** DISCCART	407587.495393284	3758537.50056317	0.00	1.50
** receptor	=B1857+1 (sensitive receptor: C1816)			
** DISCCART	407637.498193095	3758537.50056317	0.00	1.50
** receptor	=B1858+1 (sensitive receptor: C1817)			
** DISCCART	407687.500992907	3758537.50056317	0.00	1.50
** receptor	=B1859+1 (sensitive receptor: C1818)			
** DISCCART	407737.495546874	3758537.50056317	0.00	1.50
** receptor	=B1860+1 (sensitive receptor: C1819)			
** DISCCART	407787.498346685	3758537.50056317	0.00	1.50
** receptor	=B1861+1 (sensitive receptor: C1820)			
** DISCCART	407837.501146496	3758537.50056317	0.00	1.50
** receptor	=B1862+1 (sensitive receptor: C1821)			
** DISCCART	407887.503946307	3758537.50056317	0.00	1.50
** receptor	=B1863+1 (sensitive receptor: C1822)			
** DISCCART	407937.498500274	3758537.50056317	0.00	1.50
** receptor	=B1864+1 (sensitive receptor: C1823)			
** DISCCART	407987.501300085	3758537.50056317	0.00	1.50
** receptor	=B1865+1 (sensitive receptor: C1824)			
** DISCCART	408037.495854052	3758537.50056317	0.00	1.50
** receptor	=B1866+1 (sensitive receptor: C1825)			
** DISCCART	408087.498653864	3758537.50056317	0.00	1.50
** receptor	=B1867+1 (sensitive receptor: C1826)			
** DISCCART	405962.503349551	3759987.50541887	754.30	1.50
** receptor	=B1868+1 (sensitive receptor: C1827)			
** DISCCART	405962.503349551	3759937.50559619	733.70	1.50
** receptor	=B1869+1 (sensitive receptor: C1828)			
** DISCCART	405962.503349551	3759887.50577351	704.80	1.50
** receptor	=B1870+1 (sensitive receptor: C1829)			
** DISCCART	405962.503349551	3759837.50595083	641.40	1.50
** receptor	=B1871+1 (sensitive receptor: C1830)			
** DISCCART	405962.503349551	3759787.50612815	628.70	1.50
** receptor	=B1872+1 (sensitive receptor: C1831)			
** DISCCART	405962.503349551	3759737.50630547	619.20	1.50
** receptor	=B1873+1 (sensitive receptor: C1832)			
** DISCCART	405962.503349551	3759687.50648279	548.60	1.50
** receptor	=B1874+1 (sensitive receptor: C1833)			
** DISCCART	405962.503349551	3759637.50666011	532.20	1.50
** receptor	=B1875+1 (sensitive receptor: C1834)			
** DISCCART	405962.503349551	3759587.50683743	515.80	1.50
** receptor	=B1876+1 (sensitive receptor: C1835)			
** DISCCART	405962.503349551	3759537.50701475	522.50	1.50
** receptor	=B1877+1 (sensitive receptor: C1836)			
** DISCCART	405962.503349551	3759487.50719207	522.50	1.50
** receptor	=B1878+1 (sensitive receptor: C1837)			
** DISCCART	405962.503349551	3759437.50736939	515.80	1.50
** receptor	=B1879+1 (sensitive receptor: C1838)			
** DISCCART	405962.503349551	3759387.49754874	488.50	1.50
** receptor	=B1880+1 (sensitive receptor: C1839)			
** DISCCART	405962.503349551	3759337.49772606	453.50	1.50
** receptor	=B1881+1 (sensitive receptor: C1840)			
** DISCCART	405962.503349551	3759287.49790338	420.70	1.50
** receptor	=B1882+1 (sensitive receptor: C1841)			
** DISCCART	405962.503349551	3759237.4980807	394.40	1.50
** receptor	=B1883+1 (sensitive receptor: C1842)			
** DISCCART	405962.503349551	3759187.49825802	377.20	1.50
** receptor	=B1884+1 (sensitive receptor: C1843)			
** DISCCART	405962.503349551	3759137.49843534	373.80	1.50
** receptor	=B1885+1 (sensitive receptor: C1844)			

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** receptor	DISCCART	405962.503349551	3759087.49861266	367.30	1.50
	=B1886+1 (sensitive receptor: C1845)				
** receptor	DISCCART	405962.503349551	3759037.49878997	357.50	1.50
	=B1887+1 (sensitive receptor: C1846)				
** receptor	DISCCART	405962.503349551	3758987.49896729	354.20	1.50
	=B1888+1 (sensitive receptor: C1847)				
** receptor	DISCCART	405962.503349551	3758937.49914461	348.60	1.50
	=B1889+1 (sensitive receptor: C1848)				
** receptor	DISCCART	405962.503349551	3758887.49932193	344.30	1.50
	=B1890+1 (sensitive receptor: C1849)				
** receptor	DISCCART	405962.503349551	3758837.49949925	337.80	1.50
	=B1891+1 (sensitive receptor: C1850)				
** receptor	DISCCART	405962.503349551	3758787.49967657	331.20	1.50
	=B1892+1 (sensitive receptor: C1851)				
** receptor	DISCCART	405962.503349551	3758737.49985389	324.60	1.50
	=B1893+1 (sensitive receptor: C1852)				
** receptor	DISCCART	405962.503349551	3758687.50003121	318.20	1.50
	=B1894+1 (sensitive receptor: C1853)				
** receptor	DISCCART	405962.503349551	3758637.50020853	311.60	1.50
	=B1895+1 (sensitive receptor: C1854)				
** receptor	DISCCART	406012.497903518	3759987.50541887	735.10	1.50
	=B1896+1 (sensitive receptor: C1855)				
** receptor	DISCCART	406012.497903518	3759937.50559619	667.60	1.50
	=B1897+1 (sensitive receptor: C1856)				
** receptor	DISCCART	406012.497903518	3759887.50577351	662.40	1.50
	=B1898+1 (sensitive receptor: C1857)				
** receptor	DISCCART	406012.497903518	3759837.50595083	645.10	1.50
	=B1899+1 (sensitive receptor: C1858)				
** receptor	DISCCART	406012.497903518	3759787.50612815	625.50	1.50
	=B1900+1 (sensitive receptor: C1859)				
** receptor	DISCCART	406012.497903518	3759737.50630547	624.60	1.50
	=B1901+1 (sensitive receptor: C1860)				
** receptor	DISCCART	406012.497903518	3759687.50648279	557.50	1.50
	=B1902+1 (sensitive receptor: C1861)				
** receptor	DISCCART	406012.497903518	3759637.50666011	544.40	1.50
	=B1903+1 (sensitive receptor: C1862)				
** receptor	DISCCART	406012.497903518	3759587.50683743	528.10	1.50
	=B1904+1 (sensitive receptor: C1863)				
** receptor	DISCCART	406012.497903518	3759537.50701475	528.10	1.50
	=B1905+1 (sensitive receptor: C1864)				
** receptor	DISCCART	406012.497903518	3759487.50719207	521.90	1.50
	=B1906+1 (sensitive receptor: C1865)				
** receptor	DISCCART	406012.497903518	3759437.50736939	492.90	1.50
	=B1907+1 (sensitive receptor: C1866)				
** receptor	DISCCART	406012.497903518	3759387.49754874	480.10	1.50
	=B1908+1 (sensitive receptor: C1867)				
** receptor	DISCCART	406012.497903518	3759337.49772606	450.70	1.50
	=B1909+1 (sensitive receptor: C1868)				
** receptor	DISCCART	406012.497903518	3759287.49790338	426.30	1.50
	=B1910+1 (sensitive receptor: C1869)				
** receptor	DISCCART	406012.497903518	3759237.4980807	399.10	1.50
	=B1911+1 (sensitive receptor: C1870)				
** receptor	DISCCART	406012.497903518	3759187.49825802	381.40	1.50
	=B1912+1 (sensitive receptor: C1871)				
** receptor	DISCCART	406012.497903518	3759137.49843534	378.10	1.50
	=B1913+1 (sensitive receptor: C1872)				
** receptor	DISCCART	406012.497903518	3759087.49861266	370.60	1.50
	=B1914+1 (sensitive receptor: C1873)				
** receptor	DISCCART	406012.497903518	3759037.49878997	361.70	1.50
	=B1915+1 (sensitive receptor: C1874)				
** receptor	DISCCART	406012.497903518	3758987.49896729	360.80	1.50
	=B1916+1 (sensitive receptor: C1875)				
** receptor	DISCCART	406012.497903518	3758937.49914461	355.10	1.50
	=B1917+1 (sensitive receptor: C1876)				
** receptor	DISCCART	406012.497903518	3758887.49932193	347.60	1.50
	=B1918+1 (sensitive receptor: C1877)				
** receptor	DISCCART	406012.497903518	3758837.49949925	337.80	1.50
	=B1919+1 (sensitive receptor: C1878)				
** receptor	DISCCART	406012.497903518	3758787.49967657	334.60	1.50
	=B1920+1 (sensitive receptor: C1879)				
** receptor	DISCCART	406012.497903518	3758737.49985389	327.90	1.50
	=B1921+1 (sensitive receptor: C1880)				
** receptor	DISCCART	406012.497903518	3758687.50003121	321.40	1.50
	=B1922+1 (sensitive receptor: C1881)				
** receptor	DISCCART	406012.497903518	3758637.50020853	315.80	1.50
	=B1923+1 (sensitive receptor: C1882)				

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** DISCCART	406062.500703329	3759987.50541887	686.90	1.50
** receptor	=B1924+1 (sensitive receptor: C1883)			
** DISCCART	406062.500703329	3759837.50595083	582.90	1.50
** receptor	=B1925+1 (sensitive receptor: C1884)			
** DISCCART	406062.500703329	3759787.50612815	563.20	1.50
** receptor	=B1926+1 (sensitive receptor: C1885)			
** DISCCART	406062.500703329	3759737.50630547	545.60	1.50
** receptor	=B1927+1 (sensitive receptor: C1886)			
** DISCCART	406062.500703329	3759687.50648279	548.50	1.50
** receptor	=B1928+1 (sensitive receptor: C1887)			
** DISCCART	406062.500703329	3759637.50666011	528.50	1.50
** receptor	=B1929+1 (sensitive receptor: C1888)			
** DISCCART	406062.500703329	3759587.50683743	517.70	1.50
** receptor	=B1930+1 (sensitive receptor: C1889)			
** DISCCART	406062.500703329	3759537.50701475	480.20	1.50
** receptor	=B1931+1 (sensitive receptor: C1890)			
** DISCCART	406062.500703329	3759487.50719207	465.80	1.50
** receptor	=B1932+1 (sensitive receptor: C1891)			
** DISCCART	406062.500703329	3759437.50736939	454.00	1.50
** receptor	=B1933+1 (sensitive receptor: C1892)			
** DISCCART	406062.500703329	3759387.49754874	437.60	1.50
** receptor	=B1934+1 (sensitive receptor: C1893)			
** DISCCART	406062.500703329	3759337.49772606	424.50	1.50
** receptor	=B1935+1 (sensitive receptor: C1894)			
** DISCCART	406062.500703329	3759287.49790338	414.80	1.50
** receptor	=B1936+1 (sensitive receptor: C1895)			
** DISCCART	406062.500703329	3759237.4980807	393.60	1.50
** receptor	=B1937+1 (sensitive receptor: C1896)			
** DISCCART	406062.500703329	3759187.49825802	390.30	1.50
** receptor	=B1938+1 (sensitive receptor: C1897)			
** DISCCART	406062.500703329	3759137.49843534	383.70	1.50
** receptor	=B1939+1 (sensitive receptor: C1898)			
** DISCCART	406062.500703329	3759087.49861266	377.10	1.50
** receptor	=B1940+1 (sensitive receptor: C1899)			
** DISCCART	406062.500703329	3759037.49878997	370.60	1.50
** receptor	=B1941+1 (sensitive receptor: C1900)			
** DISCCART	406062.500703329	3758987.49896729	367.30	1.50
** receptor	=B1942+1 (sensitive receptor: C1901)			
** DISCCART	406062.500703329	3758937.49914461	357.50	1.50
** receptor	=B1943+1 (sensitive receptor: C1902)			
** DISCCART	406062.500703329	3758887.49932193	351.90	1.50
** receptor	=B1944+1 (sensitive receptor: C1903)			
** DISCCART	406062.500703329	3758837.49949925	344.40	1.50
** receptor	=B1945+1 (sensitive receptor: C1904)			
** DISCCART	406062.500703329	3758787.49967657	337.80	1.50
** receptor	=B1946+1 (sensitive receptor: C1905)			
** DISCCART	406062.500703329	3758737.49985389	332.20	1.50
** receptor	=B1947+1 (sensitive receptor: C1906)			
** DISCCART	406062.500703329	3758687.50003121	324.70	1.50
** receptor	=B1948+1 (sensitive receptor: C1907)			
** DISCCART	406062.500703329	3758637.50020853	321.40	1.50
** receptor	=B1949+1 (sensitive receptor: C1908)			
** DISCCART	406112.495257296	3759987.50541887	592.60	1.50
** receptor	=B1950+1 (sensitive receptor: C1909)			
** DISCCART	406112.495257296	3759837.50595083	488.70	1.50
** receptor	=B1951+1 (sensitive receptor: C1910)			
** DISCCART	406112.495257296	3759787.50612815	485.40	1.50
** receptor	=B1952+1 (sensitive receptor: C1911)			
** DISCCART	406112.495257296	3759737.50630547	478.00	1.50
** receptor	=B1953+1 (sensitive receptor: C1912)			
** DISCCART	406112.495257296	3759687.50648279	475.60	1.50
** receptor	=B1954+1 (sensitive receptor: C1913)			
** DISCCART	406112.495257296	3759637.50666011	469.00	1.50
** receptor	=B1955+1 (sensitive receptor: C1914)			
** DISCCART	406112.495257296	3759587.50683743	469.00	1.50
** receptor	=B1956+1 (sensitive receptor: C1915)			
** DISCCART	406112.495257296	3759537.50701475	464.80	1.50
** receptor	=B1957+1 (sensitive receptor: C1916)			
** DISCCART	406112.495257296	3759487.50719207	448.70	1.50
** receptor	=B1958+1 (sensitive receptor: C1917)			
** DISCCART	406112.495257296	3759437.50736939	426.30	1.50
** receptor	=B1959+1 (sensitive receptor: C1918)			
** DISCCART	406112.495257296	3759387.49754874	417.50	1.50
** receptor	=B1960+1 (sensitive receptor: C1919)			
** DISCCART	406112.495257296	3759337.49772606	421.60	1.50
** receptor	=B1961+1 (sensitive receptor: C1920)			

Appendix B

NOx Annual Emissions Unmitigated

** DISCCART	406112.495257296	3759287.49790338	418.40	1.50
** receptor	=B1962+1 (sensitive receptor: C1921)			
** DISCCART	406112.495257296	3759237.4980807	404.30	1.50
** receptor	=B1963+1 (sensitive receptor: C1922)			
** DISCCART	406112.495257296	3759187.49825802	397.80	1.50
** receptor	=B1964+1 (sensitive receptor: C1923)			
** DISCCART	406112.495257296	3759137.49843534	390.30	1.50
** receptor	=B1965+1 (sensitive receptor: C1924)			
** DISCCART	406112.495257296	3759087.49861266	383.70	1.50
** receptor	=B1966+1 (sensitive receptor: C1925)			
** DISCCART	406112.495257296	3759037.49878997	378.10	1.50
** receptor	=B1967+1 (sensitive receptor: C1926)			
** DISCCART	406112.495257296	3758987.49896729	373.90	1.50
** receptor	=B1968+1 (sensitive receptor: C1927)			
** DISCCART	406112.495257296	3758937.49914461	365.00	1.50
** receptor	=B1969+1 (sensitive receptor: C1928)			
** DISCCART	406112.495257296	3758887.49932193	358.40	1.50
** receptor	=B1970+1 (sensitive receptor: C1929)			
** DISCCART	406112.495257296	3758837.49949925	351.90	1.50
** receptor	=B1971+1 (sensitive receptor: C1930)			
** DISCCART	406112.495257296	3758787.49967657	344.30	1.50
** receptor	=B1972+1 (sensitive receptor: C1931)			
** DISCCART	406112.495257296	3758737.49985389	335.50	1.50
** receptor	=B1973+1 (sensitive receptor: C1932)			
** DISCCART	406112.495257296	3758687.50003121	331.20	1.50
** receptor	=B1974+1 (sensitive receptor: C1933)			
** DISCCART	406112.495257296	3758637.50020853	324.70	1.50
** receptor	=B1975+1 (sensitive receptor: C1934)			
** DISCCART	406162.498057107	3759987.50541887	509.70	1.50
** receptor	=B1976+1 (sensitive receptor: C1935)			
** DISCCART	406162.498057107	3759837.50595083	503.20	1.50
** receptor	=B1977+1 (sensitive receptor: C1936)			
** DISCCART	406162.498057107	3759787.50612815	506.00	1.50
** receptor	=B1978+1 (sensitive receptor: C1937)			
** DISCCART	406162.498057107	3759437.50736939	449.80	1.50
** receptor	=B1979+1 (sensitive receptor: C1938)			
** DISCCART	406162.498057107	3759387.49754874	454.50	1.50
** receptor	=B1980+1 (sensitive receptor: C1939)			
** DISCCART	406162.498057107	3759337.49772606	452.20	1.50
** receptor	=B1981+1 (sensitive receptor: C1940)			
** DISCCART	406162.498057107	3759287.49790338	433.80	1.50
** receptor	=B1982+1 (sensitive receptor: C1941)			
** DISCCART	406162.498057107	3759237.4980807	414.20	1.50
** receptor	=B1983+1 (sensitive receptor: C1942)			
** DISCCART	406162.498057107	3759187.49825802	404.30	1.50
** receptor	=B1984+1 (sensitive receptor: C1943)			
** DISCCART	406162.498057107	3759137.49843534	396.80	1.50
** receptor	=B1985+1 (sensitive receptor: C1944)			
** DISCCART	406162.498057107	3759087.49861266	390.30	1.50
** receptor	=B1986+1 (sensitive receptor: C1945)			
** DISCCART	406162.498057107	3759037.49878997	384.70	1.50
** receptor	=B1987+1 (sensitive receptor: C1946)			
** DISCCART	406162.498057107	3758987.49896729	380.50	1.50
** receptor	=B1988+1 (sensitive receptor: C1947)			
** DISCCART	406162.498057107	3758937.49914461	371.50	1.50
** receptor	=B1989+1 (sensitive receptor: C1948)			
** DISCCART	406162.498057107	3758887.49932193	364.10	1.50
** receptor	=B1990+1 (sensitive receptor: C1949)			
** DISCCART	406162.498057107	3758837.49949925	357.50	1.50
** receptor	=B1991+1 (sensitive receptor: C1950)			
** DISCCART	406162.498057107	3758787.49967657	347.60	1.50
** receptor	=B1992+1 (sensitive receptor: C1951)			
** DISCCART	406162.498057107	3758737.49985389	337.80	1.50
** receptor	=B1993+1 (sensitive receptor: C1952)			
** DISCCART	406162.498057107	3758687.50003121	334.50	1.50
** receptor	=B1994+1 (sensitive receptor: C1953)			
** DISCCART	406162.498057107	3758637.50020853	328.00	1.50
** receptor	=B1995+1 (sensitive receptor: C1954)			
** DISCCART	406212.500856919	3759437.50736939	498.50	1.50
** receptor	=B1996+1 (sensitive receptor: C1955)			
** DISCCART	406212.500856919	3759387.49754874	483.00	1.50
** receptor	=B1997+1 (sensitive receptor: C1956)			
** DISCCART	406212.500856919	3759337.49772606	462.50	1.50
** receptor	=B1998+1 (sensitive receptor: C1957)			
** DISCCART	406212.500856919	3759287.49790338	442.70	1.50
** receptor	=B1999+1 (sensitive receptor: C1958)			

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NOx Annual Emissions Unmitigated

** receptor	DISCCART	406212.500856919	3759237.4980807	420.70	1.50
	=B2000+1 (sensitive receptor: C1959)				
** receptor	DISCCART	406212.500856919	3759187.49825802	410.00	1.50
	=B2001+1 (sensitive receptor: C1960)				
** receptor	DISCCART	406212.500856919	3759137.49843534	403.40	1.50
	=B2002+1 (sensitive receptor: C1961)				
** receptor	DISCCART	406212.500856919	3759087.49861266	396.80	1.50
	=B2003+1 (sensitive receptor: C1962)				
** receptor	DISCCART	406212.500856919	3759037.49878997	390.20	1.50
	=B2004+1 (sensitive receptor: C1963)				
** receptor	DISCCART	406212.500856919	3758987.49896729	383.70	1.50
	=B2005+1 (sensitive receptor: C1964)				
** receptor	DISCCART	406212.500856919	3758937.49914461	377.10	1.50
	=B2006+1 (sensitive receptor: C1965)				
** receptor	DISCCART	406212.500856919	3758887.49932193	367.30	1.50
	=B2007+1 (sensitive receptor: C1966)				
** receptor	DISCCART	406212.500856919	3758837.49949925	358.40	1.50
	=B2008+1 (sensitive receptor: C1967)				
** receptor	DISCCART	406212.500856919	3758787.49967657	350.90	1.50
	=B2009+1 (sensitive receptor: C1968)				
** receptor	DISCCART	406212.500856919	3758737.49985389	341.10	1.50
	=B2010+1 (sensitive receptor: C1969)				
** receptor	DISCCART	406212.500856919	3758687.50003121	337.80	1.50
	=B2011+1 (sensitive receptor: C1970)				
** receptor	DISCCART	406212.500856919	3758637.50020853	334.50	1.50
	=B2012+1 (sensitive receptor: C1971)				
** receptor	DISCCART	406262.495410886	3759437.50736939	502.70	1.50
	=B2013+1 (sensitive receptor: C1972)				
** receptor	DISCCART	406262.495410886	3759387.49754874	490.40	1.50
	=B2014+1 (sensitive receptor: C1973)				
** receptor	DISCCART	406262.495410886	3759337.49772606	459.10	1.50
	=B2015+1 (sensitive receptor: C1974)				
** receptor	DISCCART	406262.495410886	3759287.49790338	446.00	1.50
	=B2016+1 (sensitive receptor: C1975)				
** receptor	DISCCART	406262.495410886	3759237.4980807	430.50	1.50
	=B2017+1 (sensitive receptor: C1976)				
** receptor	DISCCART	406262.495410886	3759187.49825802	416.50	1.50
	=B2018+1 (sensitive receptor: C1977)				
** receptor	DISCCART	406262.495410886	3759137.49843534	406.70	1.50
	=B2019+1 (sensitive receptor: C1978)				
** receptor	DISCCART	406262.495410886	3759087.49861266	400.20	1.50
	=B2020+1 (sensitive receptor: C1979)				
** receptor	DISCCART	406262.495410886	3759037.49878997	393.50	1.50
	=B2021+1 (sensitive receptor: C1980)				
** receptor	DISCCART	406262.495410886	3758987.49896729	383.70	1.50
	=B2022+1 (sensitive receptor: C1981)				
** receptor	DISCCART	406262.495410886	3758937.49914461	377.10	1.50
	=B2023+1 (sensitive receptor: C1982)				
** receptor	DISCCART	406262.495410886	3758887.49932193	367.40	1.50
	=B2024+1 (sensitive receptor: C1983)				
** receptor	DISCCART	406262.495410886	3758837.49949925	359.80	1.50
	=B2025+1 (sensitive receptor: C1984)				
** receptor	DISCCART	406262.495410886	3758787.49967657	354.20	1.50
	=B2026+1 (sensitive receptor: C1985)				
** receptor	DISCCART	406262.495410886	3758737.49985389	344.40	1.50
	=B2027+1 (sensitive receptor: C1986)				
** receptor	DISCCART	406262.495410886	3758687.50003121	341.10	1.50
	=B2028+1 (sensitive receptor: C1987)				
** receptor	DISCCART	406262.495410886	3758637.50020853	337.80	1.50
	=B2029+1 (sensitive receptor: C1988)				
** receptor	DISCCART	406312.498210697	3759437.50736939	511.60	1.50
	=B2030+1 (sensitive receptor: C1989)				
** receptor	DISCCART	406312.498210697	3759387.49754874	505.00	1.50
	=B2031+1 (sensitive receptor: C1990)				
** receptor	DISCCART	406312.498210697	3759337.49772606	473.10	1.50
	=B2032+1 (sensitive receptor: C1991)				
** receptor	DISCCART	406312.498210697	3759287.49790338	452.60	1.50
	=B2033+1 (sensitive receptor: C1992)				
** receptor	DISCCART	406312.498210697	3759237.4980807	436.20	1.50
	=B2034+1 (sensitive receptor: C1993)				
** receptor	DISCCART	406312.498210697	3759187.49825802	419.80	1.50
	=B2035+1 (sensitive receptor: C1994)				
** receptor	DISCCART	406312.498210697	3759137.49843534	409.90	1.50
	=B2036+1 (sensitive receptor: C1995)				
** receptor	DISCCART	406312.498210697	3759087.49861266	400.20	1.50
	=B2037+1 (sensitive receptor: C1996)				

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NOx Annual Emissions Unmitigated

** DISCCART	406312.498210697	3759037.49878997	393.50	1.50
** receptor	=B2038+1 (sensitive receptor: C1997)			
** DISCCART	406312.498210697	3758987.49896729	383.70	1.50
** receptor	=B2039+1 (sensitive receptor: C1998)			
** DISCCART	406312.498210697	3758937.49914461	373.90	1.50
** receptor	=B2040+1 (sensitive receptor: C1999)			
** DISCCART	406312.498210697	3758887.49932193	367.40	1.50
** receptor	=B2041+1 (sensitive receptor: C2000)			
** DISCCART	406312.498210697	3758837.49949925	360.70	1.50
** receptor	=B2042+1 (sensitive receptor: C2001)			
** DISCCART	406312.498210697	3758787.49967657	354.20	1.50
** receptor	=B2043+1 (sensitive receptor: C2002)			
** DISCCART	406312.498210697	3758737.49985389	347.70	1.50
** receptor	=B2044+1 (sensitive receptor: C2003)			
** DISCCART	406312.498210697	3758687.50003121	344.40	1.50
** receptor	=B2045+1 (sensitive receptor: C2004)			
** DISCCART	406312.498210697	3758637.50020853	342.00	1.50
** receptor	=B2046+1 (sensitive receptor: C2005)			
** DISCCART	406362.501010508	3759437.50736939	495.70	1.50
** receptor	=B2047+1 (sensitive receptor: C2006)			
** DISCCART	406362.501010508	3759387.49754874	485.90	1.50
** receptor	=B2048+1 (sensitive receptor: C2007)			
** DISCCART	406362.501010508	3759337.49772606	471.20	1.50
** receptor	=B2049+1 (sensitive receptor: C2008)			
** DISCCART	406362.501010508	3759287.49790338	449.30	1.50
** receptor	=B2050+1 (sensitive receptor: C2009)			
** DISCCART	406362.501010508	3759237.4980807	436.20	1.50
** receptor	=B2051+1 (sensitive receptor: C2010)			
** DISCCART	406362.501010508	3759187.49825802	423.00	1.50
** receptor	=B2052+1 (sensitive receptor: C2011)			
** DISCCART	406362.501010508	3759137.49843534	413.20	1.50
** receptor	=B2053+1 (sensitive receptor: C2012)			
** DISCCART	406362.501010508	3759087.49861266	403.40	1.50
** receptor	=B2054+1 (sensitive receptor: C2013)			
** DISCCART	406362.501010508	3759037.49878997	393.60	1.50
** receptor	=B2055+1 (sensitive receptor: C2014)			
** DISCCART	406362.501010508	3758987.49896729	383.80	1.50
** receptor	=B2056+1 (sensitive receptor: C2015)			
** DISCCART	406362.501010508	3758937.49914461	377.10	1.50
** receptor	=B2057+1 (sensitive receptor: C2016)			
** DISCCART	406362.501010508	3758887.49932193	366.40	1.50
** receptor	=B2058+1 (sensitive receptor: C2017)			
** DISCCART	406362.501010508	3758837.49949925	357.50	1.50
** receptor	=B2059+1 (sensitive receptor: C2018)			
** DISCCART	406362.501010508	3758787.49967657	354.20	1.50
** receptor	=B2060+1 (sensitive receptor: C2019)			
** DISCCART	406362.501010508	3758737.49985389	351.90	1.50
** receptor	=B2061+1 (sensitive receptor: C2020)			
** DISCCART	406362.501010508	3758687.50003121	351.00	1.50
** receptor	=B2062+1 (sensitive receptor: C2021)			
** DISCCART	406362.501010508	3758637.50020853	347.70	1.50
** receptor	=B2063+1 (sensitive receptor: C2022)			
** DISCCART	406412.503810319	3759337.49772606	455.80	1.50
** receptor	=B2064+1 (sensitive receptor: C2023)			
** DISCCART	406412.503810319	3759287.49790338	446.10	1.50
** receptor	=B2065+1 (sensitive receptor: C2024)			
** DISCCART	406412.503810319	3759237.4980807	439.50	1.50
** receptor	=B2066+1 (sensitive receptor: C2025)			
** DISCCART	406412.503810319	3759187.49825802	426.30	1.50
** receptor	=B2067+1 (sensitive receptor: C2026)			
** DISCCART	406412.503810319	3759137.49843534	413.30	1.50
** receptor	=B2068+1 (sensitive receptor: C2027)			
** DISCCART	406412.503810319	3759087.49861266	403.40	1.50
** receptor	=B2069+1 (sensitive receptor: C2028)			
** DISCCART	406412.503810319	3759037.49878997	393.60	1.50
** receptor	=B2070+1 (sensitive receptor: C2029)			
** DISCCART	406412.503810319	3758987.49896729	387.00	1.50
** receptor	=B2071+1 (sensitive receptor: C2030)			
** DISCCART	406412.503810319	3758937.49914461	378.10	1.50
** receptor	=B2072+1 (sensitive receptor: C2031)			
** DISCCART	406412.503810319	3758887.49932193	364.00	1.50
** receptor	=B2073+1 (sensitive receptor: C2032)			
** DISCCART	406412.503810319	3758837.49949925	357.50	1.50
** receptor	=B2074+1 (sensitive receptor: C2033)			
** DISCCART	406412.503810319	3758787.49967657	355.20	1.50
** receptor	=B2075+1 (sensitive receptor: C2034)			

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** receptor	DISCCART	406412.503810319	3758737.49985389	357.50	1.50
	=B2076+1 (sensitive receptor: C2035)				
** receptor	DISCCART	406412.503810319	3758687.50003121	357.50	1.50
	=B2077+1 (sensitive receptor: C2036)				
** receptor	DISCCART	406412.503810319	3758637.50020853	355.10	1.50
	=B2078+1 (sensitive receptor: C2037)				
** receptor	DISCCART	406462.498364286	3759287.49790338	449.30	1.50
	=B2079+1 (sensitive receptor: C2038)				
** receptor	DISCCART	406462.498364286	3759237.4980807	439.40	1.50
	=B2080+1 (sensitive receptor: C2039)				
** receptor	DISCCART	406462.498364286	3759187.49825802	426.30	1.50
	=B2081+1 (sensitive receptor: C2040)				
** receptor	DISCCART	406462.498364286	3759137.49843534	413.20	1.50
	=B2082+1 (sensitive receptor: C2041)				
** receptor	DISCCART	406462.498364286	3759087.49861266	400.20	1.50
	=B2083+1 (sensitive receptor: C2042)				
** receptor	DISCCART	406462.498364286	3759037.49878997	393.60	1.50
	=B2084+1 (sensitive receptor: C2043)				
** receptor	DISCCART	406462.498364286	3758987.49896729	387.00	1.50
	=B2085+1 (sensitive receptor: C2044)				
** receptor	DISCCART	406462.498364286	3758937.49914461	380.50	1.50
	=B2086+1 (sensitive receptor: C2045)				
** receptor	DISCCART	406462.498364286	3758887.49932193	368.20	1.50
	=B2087+1 (sensitive receptor: C2046)				
** receptor	DISCCART	406462.498364286	3758837.49949925	358.40	1.50
	=B2088+1 (sensitive receptor: C2047)				
** receptor	DISCCART	406462.498364286	3758787.49967657	361.70	1.50
	=B2089+1 (sensitive receptor: C2048)				
** receptor	DISCCART	406462.498364286	3758737.49985389	361.70	1.50
	=B2090+1 (sensitive receptor: C2049)				
** receptor	DISCCART	406462.498364286	3758687.50003121	364.00	1.50
	=B2091+1 (sensitive receptor: C2050)				
** receptor	DISCCART	406462.498364286	3758637.50020853	358.40	1.50
	=B2092+1 (sensitive receptor: C2051)				
** receptor	DISCCART	406512.501164097	3759287.49790338	452.60	1.50
	=B2093+1 (sensitive receptor: C2052)				
** receptor	DISCCART	406512.501164097	3759237.4980807	439.50	1.50
	=B2094+1 (sensitive receptor: C2053)				
** receptor	DISCCART	406512.501164097	3759187.49825802	424.00	1.50
	=B2095+1 (sensitive receptor: C2054)				
** receptor	DISCCART	406512.501164097	3759137.49843534	414.20	1.50
	=B2096+1 (sensitive receptor: C2055)				
** receptor	DISCCART	406512.501164097	3759087.49861266	406.60	1.50
	=B2097+1 (sensitive receptor: C2056)				
** receptor	DISCCART	406512.501164097	3759037.49878997	397.80	1.50
	=B2098+1 (sensitive receptor: C2057)				
** receptor	DISCCART	406512.501164097	3758987.49896729	390.20	1.50
	=B2099+1 (sensitive receptor: C2058)				
** receptor	DISCCART	406512.501164097	3758937.49914461	382.80	1.50
	=B2100+1 (sensitive receptor: C2059)				
** receptor	DISCCART	406512.501164097	3758887.49932193	373.90	1.50
	=B2101+1 (sensitive receptor: C2060)				
** receptor	DISCCART	406512.501164097	3758837.49949925	374.80	1.50
	=B2102+1 (sensitive receptor: C2061)				
** receptor	DISCCART	406512.501164097	3758787.49967657	371.60	1.50
	=B2103+1 (sensitive receptor: C2062)				
** receptor	DISCCART	406512.501164097	3758737.49985389	371.60	1.50
	=B2104+1 (sensitive receptor: C2063)				
** receptor	DISCCART	406512.501164097	3758687.50003121	368.30	1.50
	=B2105+1 (sensitive receptor: C2064)				
** receptor	DISCCART	406512.501164097	3758637.50020853	365.00	1.50
	=B2106+1 (sensitive receptor: C2065)				
** receptor	DISCCART	406562.495718064	3759237.4980807	443.60	1.50
	=B2107+1 (sensitive receptor: C2066)				
** receptor	DISCCART	406562.495718064	3759187.49825802	432.90	1.50
	=B2108+1 (sensitive receptor: C2067)				
** receptor	DISCCART	406562.495718064	3759137.49843534	419.80	1.50
	=B2109+1 (sensitive receptor: C2068)				
** receptor	DISCCART	406562.495718064	3759087.49861266	410.90	1.50
	=B2110+1 (sensitive receptor: C2069)				
** receptor	DISCCART	406562.495718064	3759037.49878997	403.40	1.50
	=B2111+1 (sensitive receptor: C2070)				
** receptor	DISCCART	406562.495718064	3758987.49896729	393.50	1.50
	=B2112+1 (sensitive receptor: C2071)				
** receptor	DISCCART	406562.495718064	3758937.49914461	381.40	1.50
	=B2113+1 (sensitive receptor: C2072)				

Appendix B

NOx Annual Emissions Unmitigated

** receptor	DISCCART 406562.495718064 3758887.49932193 381.40 1.50
** receptor	=B2114+1 (sensitive receptor: C2073)
** receptor	DISCCART 406562.495718064 3758837.49949925 384.70 1.50
** receptor	=B2115+1 (sensitive receptor: C2074)
** receptor	DISCCART 406562.495718064 3758787.49967657 381.40 1.50
** receptor	=B2116+1 (sensitive receptor: C2075)
** receptor	DISCCART 406562.495718064 3758737.49985389 380.40 1.50
** receptor	=B2117+1 (sensitive receptor: C2076)
** receptor	DISCCART 406562.495718064 3758687.50003121 374.80 1.50
** receptor	=B2118+1 (sensitive receptor: C2077)
** receptor	DISCCART 406562.495718064 3758637.50020853 370.60 1.50
** receptor	=B2119+1 (sensitive receptor: C2078)
** receptor	DISCCART 406562.495718064 3758587.50038585 364.10 1.50
** receptor	=B2120+1 (sensitive receptor: C2079)
** receptor	DISCCART 406612.498517875 3759187.49825802 440.40 1.50
** receptor	=B2121+1 (sensitive receptor: C2080)
** receptor	DISCCART 406612.498517875 3759137.49843534 427.30 1.50
** receptor	=B2122+1 (sensitive receptor: C2081)
** receptor	DISCCART 406612.498517875 3759087.49861266 416.50 1.50
** receptor	=B2123+1 (sensitive receptor: C2082)
** receptor	DISCCART 406612.498517875 3759037.49878997 403.40 1.50
** receptor	=B2124+1 (sensitive receptor: C2083)
** receptor	DISCCART 406612.498517875 3758987.49896729 396.80 1.50
** receptor	=B2125+1 (sensitive receptor: C2084)
** receptor	DISCCART 406612.498517875 3758937.49914461 397.80 1.50
** receptor	=B2126+1 (sensitive receptor: C2085)
** receptor	DISCCART 406612.498517875 3758887.49932193 397.80 1.50
** receptor	=B2127+1 (sensitive receptor: C2086)
** receptor	DISCCART 406612.498517875 3758837.49949925 393.60 1.50
** receptor	=B2128+1 (sensitive receptor: C2087)
** receptor	DISCCART 406612.498517875 3758787.49967657 387.00 1.50
** receptor	=B2129+1 (sensitive receptor: C2088)
** receptor	DISCCART 406612.498517875 3758737.49985389 383.70 1.50
** receptor	=B2130+1 (sensitive receptor: C2089)
** receptor	DISCCART 406612.498517875 3758687.50003121 380.40 1.50
** receptor	=B2131+1 (sensitive receptor: C2090)
** receptor	DISCCART 406612.498517875 3758637.50020853 370.60 1.50
** receptor	=B2132+1 (sensitive receptor: C2091)
** receptor	DISCCART 406612.498517875 3758587.50038585 364.10 1.50
** receptor	=B2133+1 (sensitive receptor: C2092)
** receptor	DISCCART 406662.501317687 3759187.49825802 446.00 1.50
** receptor	=B2134+1 (sensitive receptor: C2093)
** receptor	DISCCART 406662.501317687 3759137.49843534 429.60 1.50
** receptor	=B2135+1 (sensitive receptor: C2094)
** receptor	DISCCART 406662.501317687 3759087.49861266 419.80 1.50
** receptor	=B2136+1 (sensitive receptor: C2095)
** receptor	DISCCART 406662.501317687 3759037.49878997 410.90 1.50
** receptor	=B2137+1 (sensitive receptor: C2096)
** receptor	DISCCART 406662.501317687 3758987.49896729 408.60 1.50
** receptor	=B2138+1 (sensitive receptor: C2097)
** receptor	DISCCART 406662.501317687 3758937.49914461 410.00 1.50
** receptor	=B2139+1 (sensitive receptor: C2098)
** receptor	DISCCART 406662.501317687 3758887.49932193 403.40 1.50
** receptor	=B2140+1 (sensitive receptor: C2099)
** receptor	DISCCART 406662.501317687 3758837.49949925 400.10 1.50
** receptor	=B2141+1 (sensitive receptor: C2100)
** receptor	DISCCART 406662.501317687 3758787.49967657 390.30 1.50
** receptor	=B2142+1 (sensitive receptor: C2101)
** receptor	DISCCART 406662.501317687 3758737.49985389 383.80 1.50
** receptor	=B2143+1 (sensitive receptor: C2102)
** receptor	DISCCART 406712.495871654 3759137.49843534 430.50 1.50
** receptor	=B2144+1 (sensitive receptor: C2103)
** receptor	DISCCART 406712.495871654 3759087.49861266 430.70 1.50
** receptor	=B2145+1 (sensitive receptor: C2104)
** receptor	DISCCART 406712.495871654 3759037.49878997 428.20 1.50
** receptor	=B2146+1 (sensitive receptor: C2105)
** receptor	DISCCART 406712.495871654 3758987.49896729 424.00 1.50
** receptor	=B2147+1 (sensitive receptor: C2106)
** receptor	DISCCART 406712.495871654 3758937.49914461 419.80 1.50
** receptor	=B2148+1 (sensitive receptor: C2107)
** receptor	DISCCART 406712.495871654 3758887.49932193 405.70 1.50
** receptor	=B2149+1 (sensitive receptor: C2108)
** receptor	DISCCART 406712.495871654 3758587.50038585 373.80 1.50
** receptor	=B2150+1 (sensitive receptor: C2109)
** receptor	DISCCART 406762.498671465 3759037.49878997 446.90 1.50
** receptor	=B2151+1 (sensitive receptor: C2110)

Appendix B

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** DISCCART	406762.498671465	3758987.49896729	432.80	1.50
** receptor	=B2152+1 (sensitive receptor: C2111)			
** DISCCART	406762.498671465	3758937.49914461	416.60	1.50
** receptor	=B2153+1 (sensitive receptor: C2112)			
** DISCCART	406762.498671465	3758687.50003121	388.00	1.50
** receptor	=B2154+1 (sensitive receptor: C2113)			
** DISCCART	406762.498671465	3758637.50020853	382.80	1.50
** receptor	=B2155+1 (sensitive receptor: C2114)			
** DISCCART	406762.498671465	3758587.50038585	373.90	1.50
** receptor	=B2156+1 (sensitive receptor: C2115)			
** DISCCART	406812.501471276	3758987.49896729	435.20	1.50
** receptor	=B2157+1 (sensitive receptor: C2116)			
** DISCCART	406812.501471276	3758687.50003121	397.80	1.50
** receptor	=B2158+1 (sensitive receptor: C2117)			
** DISCCART	406812.501471276	3758637.50020853	384.70	1.50
** receptor	=B2159+1 (sensitive receptor: C2118)			
** DISCCART	406812.501471276	3758587.50038585	379.40	1.50
** receptor	=B2160+1 (sensitive receptor: C2119)			
** DISCCART	406862.496025243	3758737.49985389	406.70	1.50
** receptor	=B2161+1 (sensitive receptor: C2120)			
** DISCCART	406862.496025243	3758687.50003121	400.10	1.50
** receptor	=B2162+1 (sensitive receptor: C2121)			
** DISCCART	406862.496025243	3758637.50020853	387.00	1.50
** receptor	=B2163+1 (sensitive receptor: C2122)			
** DISCCART	406862.496025243	3758587.50038585	356.60	1.50
** receptor	=B2164+1 (sensitive receptor: C2123)			
** DISCCART	406912.498825054	3758787.49967657	416.60	1.50
** receptor	=B2165+1 (sensitive receptor: C2124)			
** DISCCART	406912.498825054	3758737.49985389	403.40	1.50
** receptor	=B2166+1 (sensitive receptor: C2125)			
** DISCCART	406912.498825054	3758687.50003121	393.60	1.50
** receptor	=B2167+1 (sensitive receptor: C2126)			
** DISCCART	406912.498825054	3758637.50020853	382.70	1.50
** receptor	=B2168+1 (sensitive receptor: C2127)			
** DISCCART	406912.498825054	3758587.50038585	378.20	1.50
** receptor	=B2169+1 (sensitive receptor: C2128)			
** DISCCART	406962.501624865	3758737.49985389	403.40	1.50
** receptor	=B2170+1 (sensitive receptor: C2129)			
** DISCCART	406962.501624865	3758687.50003121	393.50	1.50
** receptor	=B2171+1 (sensitive receptor: C2130)			
** DISCCART	406962.501624865	3758637.50020853	377.20	1.50
** receptor	=B2172+1 (sensitive receptor: C2131)			
** DISCCART	406962.501624865	3758587.50038585	383.80	1.50
** receptor	=B2173+1 (sensitive receptor: C2132)			
** DISCCART	407012.504424677	3758687.50003121	390.20	1.50
** receptor	=B2174+1 (sensitive receptor: C2133)			
** DISCCART	407012.504424677	3758637.50020853	378.20	1.50
** receptor	=B2175+1 (sensitive receptor: C2134)			
** DISCCART	407012.504424677	3758587.50038585	391.30	1.50
** receptor	=B2176+1 (sensitive receptor: C2135)			
** DISCCART	407062.498978644	3758687.50003121	383.70	1.50
** receptor	=B2177+1 (sensitive receptor: C2136)			
** DISCCART	407062.498978644	3758637.50020853	389.00	1.50
** receptor	=B2178+1 (sensitive receptor: C2137)			
** DISCCART	407062.498978644	3758587.50038585	400.20	1.50
** receptor	=B2179+1 (sensitive receptor: C2138)			
** DISCCART	407112.501778455	3758637.50020853	404.40	1.50
** receptor	=B2180+1 (sensitive receptor: C2139)			
** DISCCART	407112.501778455	3758587.50038585	410.00	1.50
** receptor	=B2181+1 (sensitive receptor: C2140)			
** DISCCART	407162.496332422	3758637.50020853	416.60	1.50
** receptor	=B2182+1 (sensitive receptor: C2141)			
** DISCCART	407162.496332422	3758587.50038585	416.60	1.50
** receptor	=B2183+1 (sensitive receptor: C2142)			
** DISCCART	407212.499132233	3758637.50020853	433.00	1.50
** receptor	=B2184+1 (sensitive receptor: C2143)			
** DISCCART	407212.499132233	3758587.50038585	447.10	1.50
** receptor	=B2185+1 (sensitive receptor: C2144)			
** DISCCART	407262.501932044	3758637.50020853	450.30	1.50
** receptor	=B2186+1 (sensitive receptor: C2145)			
** DISCCART	407262.501932044	3758587.50038585	453.60	1.50
** receptor	=B2187+1 (sensitive receptor: C2146)			
** DISCCART	407312.496486011	3758637.50020853	466.70	1.50
** receptor	=B2188+1 (sensitive receptor: C2147)			
** DISCCART	407312.496486011	3758587.50038585	463.40	1.50
** receptor	=B2189+1 (sensitive receptor: C2148)			

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DISCCART 407362.499285822 3758637.50020853 479.80 1.50
 ** receptor =B2190+1 (sensitive receptor: C2149)
 DISCCART 407362.499285822 3758587.50038585 479.80 1.50
 ** receptor =B2191+1 (sensitive receptor: C2150)
 DISCCART 407412.502085634 3758637.50020853 499.50 1.50
 ** receptor =B2192+1 (sensitive receptor: C2151)
 DISCCART 407412.502085634 3758587.50038585 502.80 1.50
 ** receptor =B2193+1 (sensitive receptor: C2152)
 DISCCART 407462.4966396 3758637.50020853 500.90 1.50
 ** receptor =B2194+1 (sensitive receptor: C2153)
 DISCCART 407462.4966396 3758587.50038585 508.50 1.50
 ** receptor =B2195+1 (sensitive receptor: C2154)
 DISCCART 407512.499439412 3758637.50020853 481.20 1.50
 ** receptor =B2196+1 (sensitive receptor: C2155)
 DISCCART 407512.499439412 3758587.50038585 479.40 1.50
 ** receptor =B2197+1 (sensitive receptor: C2156)
 DISCCART 407562.502239223 3758637.50020853 0.00 1.50
 ** receptor =B2198+1 (sensitive receptor: C2157)
 DISCCART 407562.502239223 3758587.50038585 0.00 1.50
 ** receptor =B2199+1 (sensitive receptor: C2158)
 DISCCART 407612.49679319 3758637.50020853 0.00 1.50
 ** receptor =B2200+1 (sensitive receptor: C2159)
 DISCCART 407612.49679319 3758587.50038585 0.00 1.50
 ** receptor =B2201+1 (sensitive receptor: C2160)
 DISCCART 407662.499593001 3758637.50020853 0.00 1.50
 ** receptor =B2202+1 (sensitive receptor: C2161)
 DISCCART 407662.499593001 3758587.50038585 0.00 1.50
 ** receptor =B2203+1 (sensitive receptor: C2162)
 DISCCART 407712.502392812 3758637.50020853 0.00 1.50
 ** receptor =B2204+1 (sensitive receptor: C2163)
 DISCCART 407712.502392812 3758587.50038585 0.00 1.50
 ** receptor =B2205+1 (sensitive receptor: C2164)
 DISCCART 407762.496946779 3758637.50020853 0.00 1.50
 ** receptor =B2206+1 (sensitive receptor: C2165)
 DISCCART 407762.496946779 3758587.50038585 0.00 1.50
 ** receptor =B2207+1 (sensitive receptor: C2166)
 DISCCART 407812.49974659 3758637.50020853 0.00 1.50
 ** receptor =B2208+1 (sensitive receptor: C2167)
 DISCCART 407812.49974659 3758587.50038585 0.00 1.50
 ** receptor =B2209+1 (sensitive receptor: C2168)
 DISCCART 407862.502546402 3758637.50020853 0.00 1.50
 ** receptor =B2210+1 (sensitive receptor: C2169)
 DISCCART 407862.502546402 3758587.50038585 0.00 1.50
 ** receptor =B2211+1 (sensitive receptor: C2170)
 DISCCART 407912.497100369 3758637.50020853 0.00 1.50
 ** receptor =B2212+1 (sensitive receptor: C2171)
 DISCCART 407912.497100369 3758587.50038585 0.00 1.50
 ** receptor =B2213+1 (sensitive receptor: C2172)
 DISCCART 407962.49990018 3758637.50020853 0.00 1.50
 ** receptor =B2214+1 (sensitive receptor: C2173)
 DISCCART 407962.49990018 3758587.50038585 0.00 1.50
 ** receptor =B2215+1 (sensitive receptor: C2174)
 DISCCART 408012.502699991 3758637.50020853 0.00 1.50
 ** receptor =B2216+1 (sensitive receptor: C2175)
 DISCCART 408012.502699991 3758587.50038585 0.00 1.50
 ** receptor =B2217+1 (sensitive receptor: C2176)
 DISCCART 408062.497253958 3758637.50020853 0.00 1.50
 ** receptor =B2218+1 (sensitive receptor: C2177)
 DISCCART 408062.497253958 3758587.50038585 0.00 1.50
 ** receptor =B2219+1 (sensitive receptor: C2178)
 DISCCART 408112.500053769 3758637.50020853 0.00 1.50
 ** receptor =B2220+1 (sensitive receptor: C2179)
 DISCCART 408112.500053769 3758587.50038585 0.00 1.50
 ** receptor =B2221+1 (sensitive receptor: C2180)
 DISCCART 405987.496503612 3758537.50056317 305.00 1.50
 ** receptor =B2222+1 (sensitive receptor: C2181)
 DISCCART 406012.497903518 3758537.50056317 308.30 1.50
 ** receptor =B2223+1 (sensitive receptor: C2182)
 DISCCART 406037.499303424 3758537.50056317 310.80 1.50
 ** receptor =B2224+1 (sensitive receptor: C2183)
 DISCCART 406062.500703329 3758537.50056317 311.60 1.50
 ** receptor =B2225+1 (sensitive receptor: C2184)
 DISCCART 406087.502103235 3758537.50056317 314.90 1.50
 ** receptor =B2226+1 (sensitive receptor: C2185)
 DISCCART 406112.495257296 3758537.50056317 315.80 1.50
 ** receptor =B2227+1 (sensitive receptor: C2186)

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** receptor	DISCCART	406137.496657202	3758537.50056317	318.20	1.50
	=B2228+1 (sensitive receptor: C2187)				
** receptor	DISCCART	406162.498057107	3758537.50056317	321.40	1.50
	=B2229+1 (sensitive receptor: C2188)				
** receptor	DISCCART	406187.499457013	3758537.50056317	324.00	1.50
	=B2230+1 (sensitive receptor: C2189)				
** receptor	DISCCART	406212.500856919	3758537.50056317	327.90	1.50
	=B2231+1 (sensitive receptor: C2190)				
** receptor	DISCCART	406237.502256824	3758537.50056317	330.60	1.50
	=B2232+1 (sensitive receptor: C2191)				
** receptor	DISCCART	406262.495410886	3758537.50056317	334.60	1.50
	=B2233+1 (sensitive receptor: C2192)				
** receptor	DISCCART	406287.496810791	3758537.50056317	337.80	1.50
	=B2234+1 (sensitive receptor: C2193)				
** receptor	DISCCART	406312.498210697	3758537.50056317	341.10	1.50
	=B2235+1 (sensitive receptor: C2194)				
** receptor	DISCCART	406337.499610602	3758537.50056317	343.60	1.50
	=B2236+1 (sensitive receptor: C2195)				
** receptor	DISCCART	406362.501010508	3758537.50056317	344.40	1.50
	=B2237+1 (sensitive receptor: C2196)				
** receptor	DISCCART	406387.502410414	3758537.50056317	346.90	1.50
	=B2238+1 (sensitive receptor: C2197)				
** receptor	DISCCART	406412.503810319	3758537.50056317	347.70	1.50
	=B2239+1 (sensitive receptor: C2198)				
** receptor	DISCCART	406437.496964381	3758537.50056317	351.00	1.50
	=B2240+1 (sensitive receptor: C2199)				
** receptor	DISCCART	406462.498364286	3758537.50056317	354.20	1.50
	=B2241+1 (sensitive receptor: C2200)				
** receptor	DISCCART	406487.499764192	3758537.50056317	354.20	1.50
	=B2242+1 (sensitive receptor: C2201)				
** receptor	DISCCART	406512.501164097	3758537.50056317	357.50	1.50
	=B2243+1 (sensitive receptor: C2202)				
** receptor	DISCCART	406562.495718064	3758537.50056317	357.50	1.50
	=B2244+1 (sensitive receptor: C2203)				
** receptor	DISCCART	406612.498517875	3758537.50056317	360.70	1.50
	=B2245+1 (sensitive receptor: C2204)				
** receptor	DISCCART	406662.501317687	3758537.50056317	357.50	1.50
	=B2246+1 (sensitive receptor: C2205)				
** receptor	DISCCART	406712.495871654	3758537.50056317	360.70	1.50
	=B2247+1 (sensitive receptor: C2206)				
** receptor	DISCCART	406762.498671465	3758537.50056317	357.50	1.50
	=B2248+1 (sensitive receptor: C2207)				
** receptor	DISCCART	406812.501471276	3758537.50056317	360.80	1.50
	=B2249+1 (sensitive receptor: C2208)				
** receptor	DISCCART	406862.496025243	3758537.50056317	365.10	1.50
	=B2250+1 (sensitive receptor: C2209)				
** receptor	DISCCART	406912.498825054	3758537.50056317	377.10	1.50
	=B2251+1 (sensitive receptor: C2210)				
** receptor	DISCCART	406962.501624865	3758537.50056317	388.90	1.50
	=B2252+1 (sensitive receptor: C2211)				
** receptor	DISCCART	407012.504424677	3758537.50056317	400.20	1.50
	=B2253+1 (sensitive receptor: C2212)				
** receptor	DISCCART	407062.498978644	3758537.50056317	403.50	1.50
	=B2254+1 (sensitive receptor: C2213)				
** receptor	DISCCART	407112.501778455	3758537.50056317	416.60	1.50
	=B2255+1 (sensitive receptor: C2214)				
** receptor	DISCCART	407162.496332422	3758537.50056317	426.50	1.50
	=B2256+1 (sensitive receptor: C2215)				
** receptor	DISCCART	407212.499132233	3758537.50056317	462.60	1.50
	=B2257+1 (sensitive receptor: C2216)				
** receptor	DISCCART	407262.501932044	3758537.50056317	465.90	1.50
	=B2258+1 (sensitive receptor: C2217)				
** receptor	DISCCART	407312.496486011	3758537.50056317	482.30	1.50
	=B2259+1 (sensitive receptor: C2218)				
** receptor	DISCCART	407362.499285822	3758537.50056317	483.30	1.50
	=B2260+1 (sensitive receptor: C2219)				
** receptor	DISCCART	407412.502085634	3758537.50056317	496.20	1.50
	=B2261+1 (sensitive receptor: C2220)				
** receptor	DISCCART	407462.4966396	3758537.50056317	519.20	1.50
	=B2262+1 (sensitive receptor: C2221)				
** receptor	DISCCART	407512.499439412	3758537.50056317	486.90	1.50
	=B2263+1 (sensitive receptor: C2222)				
** receptor	DISCCART	407562.502239223	3758537.50056317	0.00	1.50
	=B2264+1 (sensitive receptor: C2223)				
** receptor	DISCCART	407612.49679319	3758537.50056317	0.00	1.50
	=B2265+1 (sensitive receptor: C2224)				

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** DISCCART	407662.499593001	3758537.50056317	0.00	1.50
** receptor	=B2266+1 (sensitive receptor: C2225)			
** DISCCART	407712.502392812	3758537.50056317	0.00	1.50
** receptor	=B2267+1 (sensitive receptor: C2226)			
** DISCCART	407762.496946779	3758537.50056317	0.00	1.50
** receptor	=B2268+1 (sensitive receptor: C2227)			
** DISCCART	407812.49974659	3758537.50056317	0.00	1.50
** receptor	=B2269+1 (sensitive receptor: C2228)			
** DISCCART	407862.502546402	3758537.50056317	0.00	1.50
** receptor	=B2270+1 (sensitive receptor: C2229)			
** DISCCART	407912.497100369	3758537.50056317	0.00	1.50
** receptor	=B2271+1 (sensitive receptor: C2230)			
** DISCCART	407962.49990018	3758537.50056317	0.00	1.50
** receptor	=B2272+1 (sensitive receptor: C2231)			
** DISCCART	408012.502699991	3758537.50056317	0.00	1.50
** receptor	=B2273+1 (sensitive receptor: C2232)			
** DISCCART	408062.497253958	3758537.50056317	0.00	1.50
** receptor	=B2274+1 (sensitive receptor: C2233)			
** DISCCART	408112.500053769	3758537.50056317	0.00	1.50
** receptor	=B2275+1 (sensitive receptor: C2234)			
** DISCCART	405962.503349551	3758587.50038585	308.30	1.50
** receptor	=B2276+1 (sensitive receptor: C2235)			
** DISCCART	406012.497903518	3758587.50038585	311.60	1.50
** receptor	=B2277+1 (sensitive receptor: C2236)			
** DISCCART	406062.500703329	3758587.50038585	314.90	1.50
** receptor	=B2278+1 (sensitive receptor: C2237)			
** DISCCART	406112.495257296	3758587.50038585	318.20	1.50
** receptor	=B2279+1 (sensitive receptor: C2238)			
** DISCCART	406162.498057107	3758587.50038585	324.70	1.50
** receptor	=B2280+1 (sensitive receptor: C2239)			
** DISCCART	406212.500856919	3758587.50038585	331.20	1.50
** receptor	=B2281+1 (sensitive receptor: C2240)			
** DISCCART	406262.495410886	3758587.50038585	335.50	1.50
** receptor	=B2282+1 (sensitive receptor: C2241)			
** DISCCART	406312.498210697	3758587.50038585	342.00	1.50
** receptor	=B2283+1 (sensitive receptor: C2242)			
** DISCCART	406362.501010508	3758587.50038585	345.30	1.50
** receptor	=B2284+1 (sensitive receptor: C2243)			
** DISCCART	406412.503810319	3758587.50038585	351.00	1.50
** receptor	=B2285+1 (sensitive receptor: C2244)			
** DISCCART	406462.498364286	3758587.50038585	357.50	1.50
** receptor	=B2286+1 (sensitive receptor: C2245)			
** DISCCART	406512.501164097	3758587.50038585	360.80	1.50
** receptor	=B2287+1 (sensitive receptor: C2246)			
** DISCCART	405987.496503612	3760012.50033123	754.40	1.50
** receptor	=B2288+1 (sensitive receptor: C2247)			
** DISCCART	405987.496503612	3759962.50050855	734.70	1.50
** receptor	=B2289+1 (sensitive receptor: C2248)			
** DISCCART	405987.496503612	3759912.50068587	712.60	1.50
** receptor	=B2290+1 (sensitive receptor: C2249)			
** DISCCART	405987.496503612	3759862.50086319	672.50	1.50
** receptor	=B2291+1 (sensitive receptor: C2250)			
** DISCCART	405987.496503612	3759812.50104051	637.20	1.50
** receptor	=B2292+1 (sensitive receptor: C2251)			
** DISCCART	405987.496503612	3759762.50121783	623.20	1.50
** receptor	=B2293+1 (sensitive receptor: C2252)			
** DISCCART	405987.496503612	3759712.50139515	590.00	1.50
** receptor	=B2294+1 (sensitive receptor: C2253)			
** DISCCART	405987.496503612	3759662.50157247	544.10	1.50
** receptor	=B2295+1 (sensitive receptor: C2254)			
** DISCCART	405987.496503612	3759612.50174979	531.00	1.50
** receptor	=B2296+1 (sensitive receptor: C2255)			
** DISCCART	405987.496503612	3759562.5019271	525.80	1.50
** receptor	=B2297+1 (sensitive receptor: C2256)			
** DISCCART	405987.496503612	3759512.50210442	531.40	1.50
** receptor	=B2298+1 (sensitive receptor: C2257)			
** DISCCART	405987.496503612	3759462.50228174	529.30	1.50
** receptor	=B2299+1 (sensitive receptor: C2258)			
** DISCCART	405987.496503612	3759412.50245906	502.40	1.50
** receptor	=B2300+1 (sensitive receptor: C2259)			
** DISCCART	405987.496503612	3759362.50263638	470.80	1.50
** receptor	=B2301+1 (sensitive receptor: C2260)			
** DISCCART	405987.496503612	3759312.5028137	442.60	1.50
** receptor	=B2302+1 (sensitive receptor: C2261)			
** DISCCART	405987.496503612	3759262.50299102	415.70	1.50
** receptor	=B2303+1 (sensitive receptor: C2262)			

Appendix B

NOx Annual Emissions Unmitigated

** DISCCART	405987.496503612	3759212.50316834	380.80	1.50
** receptor	=B2304+1 (sensitive receptor: C2263)			
** DISCCART	405987.496503612	3759162.50334566	377.20	1.50
** receptor	=B2305+1 (sensitive receptor: C2264)			
** DISCCART	405987.496503612	3759112.50352298	371.90	1.50
** receptor	=B2306+1 (sensitive receptor: C2265)			
** DISCCART	405987.496503612	3759062.5037003	363.70	1.50
** receptor	=B2307+1 (sensitive receptor: C2266)			
** DISCCART	405987.496503612	3759012.50387762	357.50	1.50
** receptor	=B2308+1 (sensitive receptor: C2267)			
** DISCCART	405987.496503612	3758962.50405494	355.50	1.50
** receptor	=B2309+1 (sensitive receptor: C2268)			
** DISCCART	405987.496503612	3758912.50423226	348.90	1.50
** receptor	=B2310+1 (sensitive receptor: C2269)			
** DISCCART	405987.496503612	3758862.50440957	342.30	1.50
** receptor	=B2311+1 (sensitive receptor: C2270)			
** DISCCART	405987.496503612	3758812.50458689	334.60	1.50
** receptor	=B2312+1 (sensitive receptor: C2271)			
** DISCCART	405987.496503612	3758762.50476421	329.20	1.50
** receptor	=B2313+1 (sensitive receptor: C2272)			
** DISCCART	405987.496503612	3758712.50494153	322.70	1.50
** receptor	=B2314+1 (sensitive receptor: C2273)			
** DISCCART	405987.496503612	3758662.50511885	316.40	1.50
** receptor	=B2315+1 (sensitive receptor: C2274)			
** DISCCART	406037.499303424	3760012.50033123	724.10	1.50
** receptor	=B2316+1 (sensitive receptor: C2275)			
** DISCCART	406037.499303424	3759812.50104051	595.50	1.50
** receptor	=B2317+1 (sensitive receptor: C2276)			
** DISCCART	406037.499303424	3759762.50121783	588.60	1.50
** receptor	=B2318+1 (sensitive receptor: C2277)			
** DISCCART	406037.499303424	3759712.50139515	585.00	1.50
** receptor	=B2319+1 (sensitive receptor: C2278)			
** DISCCART	406037.499303424	3759662.50157247	546.00	1.50
** receptor	=B2320+1 (sensitive receptor: C2279)			
** DISCCART	406037.499303424	3759612.50174979	532.90	1.50
** receptor	=B2321+1 (sensitive receptor: C2280)			
** DISCCART	406037.499303424	3759562.5019271	523.50	1.50
** receptor	=B2322+1 (sensitive receptor: C2281)			
** DISCCART	406037.499303424	3759512.50210442	501.60	1.50
** receptor	=B2323+1 (sensitive receptor: C2282)			
** DISCCART	406037.499303424	3759462.50228174	468.20	1.50
** receptor	=B2324+1 (sensitive receptor: C2283)			
** DISCCART	406037.499303424	3759412.50245906	463.60	1.50
** receptor	=B2325+1 (sensitive receptor: C2284)			
** DISCCART	406037.499303424	3759362.50263638	444.10	1.50
** receptor	=B2326+1 (sensitive receptor: C2285)			
** DISCCART	406037.499303424	3759312.5028137	436.80	1.50
** receptor	=B2327+1 (sensitive receptor: C2286)			
** DISCCART	406037.499303424	3759262.50299102	402.80	1.50
** receptor	=B2328+1 (sensitive receptor: C2287)			
** DISCCART	406037.499303424	3759212.50316834	391.20	1.50
** receptor	=B2329+1 (sensitive receptor: C2288)			
** DISCCART	406037.499303424	3759162.50334566	383.40	1.50
** receptor	=B2330+1 (sensitive receptor: C2289)			
** DISCCART	406037.499303424	3759112.50352298	377.20	1.50
** receptor	=B2331+1 (sensitive receptor: C2290)			
** DISCCART	406037.499303424	3759062.5037003	370.30	1.50
** receptor	=B2332+1 (sensitive receptor: C2291)			
** DISCCART	406037.499303424	3759012.50387762	366.60	1.50
** receptor	=B2333+1 (sensitive receptor: C2292)			
** DISCCART	406037.499303424	3758962.50405494	362.00	1.50
** receptor	=B2334+1 (sensitive receptor: C2293)			
** DISCCART	406037.499303424	3758912.50423226	354.20	1.50
** receptor	=B2335+1 (sensitive receptor: C2294)			
** DISCCART	406037.499303424	3758862.50440957	344.40	1.50
** receptor	=B2336+1 (sensitive receptor: C2295)			
** DISCCART	406037.499303424	3758812.50458689	340.70	1.50
** receptor	=B2337+1 (sensitive receptor: C2296)			
** DISCCART	406037.499303424	3758762.50476421	334.20	1.50
** receptor	=B2338+1 (sensitive receptor: C2297)			
** DISCCART	406037.499303424	3758712.50494153	326.30	1.50
** receptor	=B2339+1 (sensitive receptor: C2298)			
** DISCCART	406037.499303424	3758662.50511885	321.10	1.50
** receptor	=B2340+1 (sensitive receptor: C2299)			
** DISCCART	406087.502103235	3760012.50033123	658.00	1.50
** receptor	=B2341+1 (sensitive receptor: C2300)			

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DISCCART 406087.502103235 3759812.50104051 501.10 1.50
 ** receptor =B2342+1 (sensitive receptor: C2301)
 DISCCART 406087.502103235 3759762.50121783 493.10 1.50
 ** receptor =B2343+1 (sensitive receptor: C2302)
 DISCCART 406087.502103235 3759712.50139515 497.00 1.50
 ** receptor =B2344+1 (sensitive receptor: C2303)
 DISCCART 406087.502103235 3759662.50157247 483.50 1.50
 ** receptor =B2345+1 (sensitive receptor: C2304)
 DISCCART 406087.502103235 3759612.50174979 489.70 1.50
 ** receptor =B2346+1 (sensitive receptor: C2305)
 DISCCART 406087.502103235 3759562.5019271 472.00 1.50
 ** receptor =B2347+1 (sensitive receptor: C2306)
 DISCCART 406087.502103235 3759512.50210442 465.80 1.50
 ** receptor =B2348+1 (sensitive receptor: C2307)
 DISCCART 406087.502103235 3759462.50228174 455.90 1.50
 ** receptor =B2349+1 (sensitive receptor: C2308)
 DISCCART 406087.502103235 3759412.50245906 426.80 1.50
 ** receptor =B2350+1 (sensitive receptor: C2309)
 DISCCART 406087.502103235 3759362.50263638 420.90 1.50
 ** receptor =B2351+1 (sensitive receptor: C2310)
 DISCCART 406087.502103235 3759312.5028137 418.30 1.50
 ** receptor =B2352+1 (sensitive receptor: C2311)
 DISCCART 406087.502103235 3759262.50299102 401.00 1.50
 ** receptor =B2353+1 (sensitive receptor: C2312)
 DISCCART 406087.502103235 3759212.50316834 394.80 1.50
 ** receptor =B2354+1 (sensitive receptor: C2313)
 DISCCART 406087.502103235 3759162.50334566 390.30 1.50
 ** receptor =B2355+1 (sensitive receptor: C2314)
 DISCCART 406087.502103235 3759112.50352298 383.40 1.50
 ** receptor =B2356+1 (sensitive receptor: C2315)
 DISCCART 406087.502103235 3759062.5037003 377.20 1.50
 ** receptor =B2357+1 (sensitive receptor: C2316)
 DISCCART 406087.502103235 3759012.50387762 373.20 1.50
 ** receptor =B2358+1 (sensitive receptor: C2317)
 DISCCART 406087.502103235 3758962.50405494 365.60 1.50
 ** receptor =B2359+1 (sensitive receptor: C2318)
 DISCCART 406087.502103235 3758912.50423226 358.70 1.50
 ** receptor =B2360+1 (sensitive receptor: C2319)
 DISCCART 406087.502103235 3758862.50440957 352.20 1.50
 ** receptor =B2361+1 (sensitive receptor: C2320)
 DISCCART 406087.502103235 3758812.50458689 344.40 1.50
 ** receptor =B2362+1 (sensitive receptor: C2321)
 DISCCART 406087.502103235 3758762.50476421 337.80 1.50
 ** receptor =B2363+1 (sensitive receptor: C2322)
 DISCCART 406087.502103235 3758712.50494153 331.30 1.50
 ** receptor =B2364+1 (sensitive receptor: C2323)
 DISCCART 406087.502103235 3758662.50511885 324.70 1.50
 ** receptor =B2365+1 (sensitive receptor: C2324)
 DISCCART 406137.496657202 3760012.50033123 577.10 1.50
 ** receptor =B2366+1 (sensitive receptor: C2325)
 DISCCART 406137.496657202 3759812.50104051 485.40 1.50
 ** receptor =B2367+1 (sensitive receptor: C2326)
 DISCCART 406137.496657202 3759762.50121783 485.10 1.50
 ** receptor =B2368+1 (sensitive receptor: C2327)
 DISCCART 406137.496657202 3759712.50139515 484.00 1.50
 ** receptor =B2369+1 (sensitive receptor: C2328)
 DISCCART 406137.496657202 3759662.50157247 477.70 1.50
 ** receptor =B2370+1 (sensitive receptor: C2329)
 DISCCART 406137.496657202 3759612.50174979 469.00 1.50
 ** receptor =B2371+1 (sensitive receptor: C2330)
 DISCCART 406137.496657202 3759562.5019271 461.10 1.50
 ** receptor =B2372+1 (sensitive receptor: C2331)
 DISCCART 406137.496657202 3759512.50210442 436.60 1.50
 ** receptor =B2373+1 (sensitive receptor: C2332)
 DISCCART 406137.496657202 3759462.50228174 426.40 1.50
 ** receptor =B2374+1 (sensitive receptor: C2333)
 DISCCART 406137.496657202 3759412.50245906 433.20 1.50
 ** receptor =B2375+1 (sensitive receptor: C2334)
 DISCCART 406137.496657202 3759362.50263638 436.40 1.50
 ** receptor =B2376+1 (sensitive receptor: C2335)
 DISCCART 406137.496657202 3759312.5028137 436.40 1.50
 ** receptor =B2377+1 (sensitive receptor: C2336)
 DISCCART 406137.496657202 3759262.50299102 417.40 1.50
 ** receptor =B2378+1 (sensitive receptor: C2337)
 DISCCART 406137.496657202 3759212.50316834 404.70 1.50
 ** receptor =B2379+1 (sensitive receptor: C2338)

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DISCCART 406137.496657202 3759162.50334566 398.10 1.50
 ** receptor =B2380+1 (sensitive receptor: C2339)
 DISCCART 406137.496657202 3759112.50352298 390.30 1.50
 ** receptor =B2381+1 (sensitive receptor: C2340)
 DISCCART 406137.496657202 3759062.5037003 383.40 1.50
 ** receptor =B2382+1 (sensitive receptor: C2341)
 DISCCART 406137.496657202 3759012.50387762 380.50 1.50
 ** receptor =B2383+1 (sensitive receptor: C2342)
 DISCCART 406137.496657202 3758962.50405494 373.50 1.50
 ** receptor =B2384+1 (sensitive receptor: C2343)
 DISCCART 406137.496657202 3758912.50423226 365.30 1.50
 ** receptor =B2385+1 (sensitive receptor: C2344)
 DISCCART 406137.496657202 3758862.50440957 357.50 1.50
 ** receptor =B2386+1 (sensitive receptor: C2345)
 DISCCART 406137.496657202 3758812.50458689 349.20 1.50
 ** receptor =B2387+1 (sensitive receptor: C2346)
 DISCCART 406137.496657202 3758762.50476421 342.30 1.50
 ** receptor =B2388+1 (sensitive receptor: C2347)
 DISCCART 406137.496657202 3758712.50494153 334.60 1.50
 ** receptor =B2389+1 (sensitive receptor: C2348)
 DISCCART 406137.496657202 3758662.50511885 329.20 1.50
 ** receptor =B2390+1 (sensitive receptor: C2349)
 DISCCART 406187.499457013 3759412.50245906 481.00 1.50
 ** receptor =B2391+1 (sensitive receptor: C2350)
 DISCCART 406187.499457013 3759362.50263638 463.30 1.50
 ** receptor =B2392+1 (sensitive receptor: C2351)
 DISCCART 406187.499457013 3759312.5028137 455.10 1.50
 ** receptor =B2393+1 (sensitive receptor: C2352)
 DISCCART 406187.499457013 3759262.50299102 427.60 1.50
 ** receptor =B2394+1 (sensitive receptor: C2353)
 DISCCART 406187.499457013 3759212.50316834 412.90 1.50
 ** receptor =B2395+1 (sensitive receptor: C2354)
 DISCCART 406187.499457013 3759162.50334566 403.40 1.50
 ** receptor =B2396+1 (sensitive receptor: C2355)
 DISCCART 406187.499457013 3759112.50352298 396.50 1.50
 ** receptor =B2397+1 (sensitive receptor: C2356)
 DISCCART 406187.499457013 3759062.5037003 389.90 1.50
 ** receptor =B2398+1 (sensitive receptor: C2357)
 DISCCART 406187.499457013 3759012.50387762 385.00 1.50
 ** receptor =B2399+1 (sensitive receptor: C2358)
 DISCCART 406187.499457013 3758962.50405494 380.10 1.50
 ** receptor =B2400+1 (sensitive receptor: C2359)
 DISCCART 406187.499457013 3758912.50423226 368.90 1.50
 ** receptor =B2401+1 (sensitive receptor: C2360)
 DISCCART 406187.499457013 3758862.50440957 362.40 1.50
 ** receptor =B2402+1 (sensitive receptor: C2361)
 DISCCART 406187.499457013 3758812.50458689 354.20 1.50
 ** receptor =B2403+1 (sensitive receptor: C2362)
 DISCCART 406187.499457013 3758762.50476421 344.40 1.50
 ** receptor =B2404+1 (sensitive receptor: C2363)
 DISCCART 406187.499457013 3758712.50494153 337.50 1.50
 ** receptor =B2405+1 (sensitive receptor: C2364)
 DISCCART 406187.499457013 3758662.50511885 334.20 1.50
 ** receptor =B2406+1 (sensitive receptor: C2365)
 DISCCART 406237.502256824 3759412.50245906 492.80 1.50
 ** receptor =B2407+1 (sensitive receptor: C2366)
 DISCCART 406237.502256824 3759362.50263638 472.90 1.50
 ** receptor =B2408+1 (sensitive receptor: C2367)
 DISCCART 406237.502256824 3759312.5028137 453.00 1.50
 ** receptor =B2409+1 (sensitive receptor: C2368)
 DISCCART 406237.502256824 3759262.50299102 437.40 1.50
 ** receptor =B2410+1 (sensitive receptor: C2369)
 DISCCART 406237.502256824 3759212.50316834 417.80 1.50
 ** receptor =B2411+1 (sensitive receptor: C2370)
 DISCCART 406237.502256824 3759162.50334566 408.30 1.50
 ** receptor =B2412+1 (sensitive receptor: C2371)
 DISCCART 406237.502256824 3759112.50352298 403.10 1.50
 ** receptor =B2413+1 (sensitive receptor: C2372)
 DISCCART 406237.502256824 3759062.5037003 394.80 1.50
 ** receptor =B2414+1 (sensitive receptor: C2373)
 DISCCART 406237.502256824 3759012.50387762 387.00 1.50
 ** receptor =B2415+1 (sensitive receptor: C2374)
 DISCCART 406237.502256824 3758962.50405494 380.50 1.50
 ** receptor =B2416+1 (sensitive receptor: C2375)
 DISCCART 406237.502256824 3758912.50423226 372.20 1.50
 ** receptor =B2417+1 (sensitive receptor: C2376)

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** DISCCART	406237.502256824	3758862.50440957	364.10	1.50
** receptor	=B2418+1 (sensitive receptor: C2377)			
** DISCCART	406237.502256824	3758812.50458689	355.80	1.50
** receptor	=B2419+1 (sensitive receptor: C2378)			
** DISCCART	406237.502256824	3758762.50476421	346.00	1.50
** receptor	=B2420+1 (sensitive receptor: C2379)			
** DISCCART	406237.502256824	3758712.50494153	341.10	1.50
** receptor	=B2421+1 (sensitive receptor: C2380)			
** DISCCART	406237.502256824	3758662.50511885	337.50	1.50
** receptor	=B2422+1 (sensitive receptor: C2381)			
** DISCCART	406287.496810791	3759412.50245906	504.70	1.50
** receptor	=B2423+1 (sensitive receptor: C2382)			
** DISCCART	406287.496810791	3759362.50263638	481.30	1.50
** receptor	=B2424+1 (sensitive receptor: C2383)			
** DISCCART	406287.496810791	3759312.5028137	455.50	1.50
** receptor	=B2425+1 (sensitive receptor: C2384)			
** DISCCART	406287.496810791	3759262.50299102	441.10	1.50
** receptor	=B2426+1 (sensitive receptor: C2385)			
** DISCCART	406287.496810791	3759212.50316834	424.70	1.50
** receptor	=B2427+1 (sensitive receptor: C2386)			
** DISCCART	406287.496810791	3759162.50334566	413.30	1.50
** receptor	=B2428+1 (sensitive receptor: C2387)			
** DISCCART	406287.496810791	3759112.50352298	403.40	1.50
** receptor	=B2429+1 (sensitive receptor: C2388)			
** DISCCART	406287.496810791	3759062.5037003	396.90	1.50
** receptor	=B2430+1 (sensitive receptor: C2389)			
** DISCCART	406287.496810791	3759012.50387762	388.30	1.50
** receptor	=B2431+1 (sensitive receptor: C2390)			
** DISCCART	406287.496810791	3758962.50405494	380.50	1.50
** receptor	=B2432+1 (sensitive receptor: C2391)			
** DISCCART	406287.496810791	3758912.50423226	372.20	1.50
** receptor	=B2433+1 (sensitive receptor: C2392)			
** DISCCART	406287.496810791	3758862.50440957	363.70	1.50
** receptor	=B2434+1 (sensitive receptor: C2393)			
** DISCCART	406287.496810791	3758812.50458689	355.80	1.50
** receptor	=B2435+1 (sensitive receptor: C2394)			
** DISCCART	406287.496810791	3758762.50476421	349.20	1.50
** receptor	=B2436+1 (sensitive receptor: C2395)			
** DISCCART	406287.496810791	3758712.50494153	344.40	1.50
** receptor	=B2437+1 (sensitive receptor: C2396)			
** DISCCART	406287.496810791	3758662.50511885	341.10	1.50
** receptor	=B2438+1 (sensitive receptor: C2397)			
** DISCCART	406337.499610602	3759412.50245906	504.10	1.50
** receptor	=B2439+1 (sensitive receptor: C2398)			
** DISCCART	406337.499610602	3759362.50263638	490.60	1.50
** receptor	=B2440+1 (sensitive receptor: C2399)			
** DISCCART	406337.499610602	3759312.5028137	462.40	1.50
** receptor	=B2441+1 (sensitive receptor: C2400)			
** DISCCART	406337.499610602	3759262.50299102	444.40	1.50
** receptor	=B2442+1 (sensitive receptor: C2401)			
** DISCCART	406337.499610602	3759212.50316834	428.00	1.50
** receptor	=B2443+1 (sensitive receptor: C2402)			
** DISCCART	406337.499610602	3759162.50334566	417.80	1.50
** receptor	=B2444+1 (sensitive receptor: C2403)			
** DISCCART	406337.499610602	3759112.50352298	405.00	1.50
** receptor	=B2445+1 (sensitive receptor: C2404)			
** DISCCART	406337.499610602	3759062.5037003	396.90	1.50
** receptor	=B2446+1 (sensitive receptor: C2405)			
** DISCCART	406337.499610602	3759012.50387762	388.60	1.50
** receptor	=B2447+1 (sensitive receptor: C2406)			
** DISCCART	406337.499610602	3758962.50405494	378.80	1.50
** receptor	=B2448+1 (sensitive receptor: C2407)			
** DISCCART	406337.499610602	3758912.50423226	370.60	1.50
** receptor	=B2449+1 (sensitive receptor: C2408)			
** DISCCART	406337.499610602	3758862.50440957	362.70	1.50
** receptor	=B2450+1 (sensitive receptor: C2409)			
** DISCCART	406337.499610602	3758812.50458689	357.50	1.50
** receptor	=B2451+1 (sensitive receptor: C2410)			
** DISCCART	406337.499610602	3758762.50476421	351.00	1.50
** receptor	=B2452+1 (sensitive receptor: C2411)			
** DISCCART	406337.499610602	3758712.50494153	347.70	1.50
** receptor	=B2453+1 (sensitive receptor: C2412)			
** DISCCART	406337.499610602	3758662.50511885	347.00	1.50
** receptor	=B2454+1 (sensitive receptor: C2413)			
** DISCCART	406387.502410414	3759362.50263638	465.50	1.50
** receptor	=B2455+1 (sensitive receptor: C2414)			

Appendix B

NOx Annual Emissions Unmitigated

** DISCCART	406387.502410414	3759312.5028137	454.90	1.50
** receptor	=B2456+1 (sensitive receptor: C2415)			
** DISCCART	406387.502410414	3759262.50299102	440.70	1.50
** receptor	=B2457+1 (sensitive receptor: C2416)			
** DISCCART	406387.502410414	3759212.50316834	431.20	1.50
** receptor	=B2458+1 (sensitive receptor: C2417)			
** DISCCART	406387.502410414	3759162.50334566	418.10	1.50
** receptor	=B2459+1 (sensitive receptor: C2418)			
** DISCCART	406387.502410414	3759112.50352298	408.30	1.50
** receptor	=B2460+1 (sensitive receptor: C2419)			
** DISCCART	406387.502410414	3759062.5037003	400.20	1.50
** receptor	=B2461+1 (sensitive receptor: C2420)			
** DISCCART	406387.502410414	3759012.50387762	390.30	1.50
** receptor	=B2462+1 (sensitive receptor: C2421)			
** DISCCART	406387.502410414	3758962.50405494	381.70	1.50
** receptor	=B2463+1 (sensitive receptor: C2422)			
** DISCCART	406387.502410414	3758912.50423226	372.20	1.50
** receptor	=B2464+1 (sensitive receptor: C2423)			
** DISCCART	406387.502410414	3758862.50440957	359.10	1.50
** receptor	=B2465+1 (sensitive receptor: C2424)			
** DISCCART	406387.502410414	3758812.50458689	354.20	1.50
** receptor	=B2466+1 (sensitive receptor: C2425)			
** DISCCART	406387.502410414	3758762.50476421	354.20	1.50
** receptor	=B2467+1 (sensitive receptor: C2426)			
** DISCCART	406387.502410414	3758712.50494153	354.20	1.50
** receptor	=B2468+1 (sensitive receptor: C2427)			
** DISCCART	406387.502410414	3758662.50511885	353.50	1.50
** receptor	=B2469+1 (sensitive receptor: C2428)			
** DISCCART	406437.496964381	3759312.5028137	450.90	1.50
** receptor	=B2470+1 (sensitive receptor: C2429)			
** DISCCART	406437.496964381	3759262.50299102	443.10	1.50
** receptor	=B2471+1 (sensitive receptor: C2430)			
** DISCCART	406437.496964381	3759212.50316834	432.80	1.50
** receptor	=B2472+1 (sensitive receptor: C2431)			
** DISCCART	406437.496964381	3759162.50334566	418.10	1.50
** receptor	=B2473+1 (sensitive receptor: C2432)			
** DISCCART	406437.496964381	3759112.50352298	408.30	1.50
** receptor	=B2474+1 (sensitive receptor: C2433)			
** DISCCART	406437.496964381	3759062.5037003	398.40	1.50
** receptor	=B2475+1 (sensitive receptor: C2434)			
** DISCCART	406437.496964381	3759012.50387762	391.90	1.50
** receptor	=B2476+1 (sensitive receptor: C2435)			
** DISCCART	406437.496964381	3758962.50405494	383.80	1.50
** receptor	=B2477+1 (sensitive receptor: C2436)			
** DISCCART	406437.496964381	3758912.50423226	374.80	1.50
** receptor	=B2478+1 (sensitive receptor: C2437)			
** DISCCART	406437.496964381	3758862.50440957	358.70	1.50
** receptor	=B2479+1 (sensitive receptor: C2438)			
** DISCCART	406437.496964381	3758812.50458689	357.50	1.50
** receptor	=B2480+1 (sensitive receptor: C2439)			
** DISCCART	406437.496964381	3758762.50476421	357.50	1.50
** receptor	=B2481+1 (sensitive receptor: C2440)			
** DISCCART	406437.496964381	3758712.50494153	358.90	1.50
** receptor	=B2482+1 (sensitive receptor: C2441)			
** DISCCART	406437.496964381	3758662.50511885	357.50	1.50
** receptor	=B2483+1 (sensitive receptor: C2442)			
** DISCCART	406487.499764192	3759312.5028137	453.90	1.50
** receptor	=B2484+1 (sensitive receptor: C2443)			
** DISCCART	406487.499764192	3759262.50299102	444.40	1.50
** receptor	=B2485+1 (sensitive receptor: C2444)			
** DISCCART	406487.499764192	3759212.50316834	431.20	1.50
** receptor	=B2486+1 (sensitive receptor: C2445)			
** DISCCART	406487.499764192	3759162.50334566	416.90	1.50
** receptor	=B2487+1 (sensitive receptor: C2446)			
** DISCCART	406487.499764192	3759112.50352298	408.30	1.50
** receptor	=B2488+1 (sensitive receptor: C2447)			
** DISCCART	406487.499764192	3759062.5037003	399.80	1.50
** receptor	=B2489+1 (sensitive receptor: C2448)			
** DISCCART	406487.499764192	3759012.50387762	393.20	1.50
** receptor	=B2490+1 (sensitive receptor: C2449)			
** DISCCART	406487.499764192	3758962.50405494	385.30	1.50
** receptor	=B2491+1 (sensitive receptor: C2450)			
** DISCCART	406487.499764192	3758912.50423226	378.80	1.50
** receptor	=B2492+1 (sensitive receptor: C2451)			
** DISCCART	406487.499764192	3758862.50440957	367.00	1.50
** receptor	=B2493+1 (sensitive receptor: C2452)			

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DISCCART 406487.499764192 3758812.50458689 365.00 1.50
 ** receptor =B2494+1 (sensitive receptor: C2453)
 DISCCART 406487.499764192 3758762.50476421 367.40 1.50
 ** receptor =B2495+1 (sensitive receptor: C2454)
 DISCCART 406487.499764192 3758712.50494153 367.40 1.50
 ** receptor =B2496+1 (sensitive receptor: C2455)
 DISCCART 406487.499764192 3758662.50511885 364.10 1.50
 ** receptor =B2497+1 (sensitive receptor: C2456)
 DISCCART 406537.502564003 3759262.50299102 447.60 1.50
 ** receptor =B2498+1 (sensitive receptor: C2457)
 DISCCART 406537.502564003 3759212.50316834 434.50 1.50
 ** receptor =B2499+1 (sensitive receptor: C2458)
 DISCCART 406537.502564003 3759162.50334566 421.40 1.50
 ** receptor =B2500+1 (sensitive receptor: C2459)
 DISCCART 406537.502564003 3759112.50352298 412.90 1.50
 ** receptor =B2501+1 (sensitive receptor: C2460)
 DISCCART 406537.502564003 3759062.5037003 403.40 1.50
 ** receptor =B2502+1 (sensitive receptor: C2461)
 DISCCART 406537.502564003 3759012.50387762 396.50 1.50
 ** receptor =B2503+1 (sensitive receptor: C2462)
 DISCCART 406537.502564003 3758962.50405494 383.80 1.50
 ** receptor =B2504+1 (sensitive receptor: C2463)
 DISCCART 406537.502564003 3758912.50423226 377.20 1.50
 ** receptor =B2505+1 (sensitive receptor: C2464)
 DISCCART 406537.502564003 3758862.50440957 378.50 1.50
 ** receptor =B2506+1 (sensitive receptor: C2465)
 DISCCART 406537.502564003 3758812.50458689 380.10 1.50
 ** receptor =B2507+1 (sensitive receptor: C2466)
 DISCCART 406537.502564003 3758762.50476421 377.20 1.50
 ** receptor =B2508+1 (sensitive receptor: C2467)
 DISCCART 406537.502564003 3758712.50494153 373.90 1.50
 ** receptor =B2509+1 (sensitive receptor: C2468)
 DISCCART 406537.502564003 3758662.50511885 370.30 1.50
 ** receptor =B2510+1 (sensitive receptor: C2469)
 DISCCART 406587.49711797 3759212.50316834 442.40 1.50
 ** receptor =B2511+1 (sensitive receptor: C2470)
 DISCCART 406587.49711797 3759162.50334566 430.50 1.50
 ** receptor =B2512+1 (sensitive receptor: C2471)
 DISCCART 406587.49711797 3759112.50352298 417.80 1.50
 ** receptor =B2513+1 (sensitive receptor: C2472)
 DISCCART 406587.49711797 3759062.5037003 408.30 1.50
 ** receptor =B2514+1 (sensitive receptor: C2473)
 DISCCART 406587.49711797 3759012.50387762 398.40 1.50
 ** receptor =B2515+1 (sensitive receptor: C2474)
 DISCCART 406587.49711797 3758962.50405494 389.90 1.50
 ** receptor =B2516+1 (sensitive receptor: C2475)
 DISCCART 406587.49711797 3758912.50423226 389.60 1.50
 ** receptor =B2517+1 (sensitive receptor: C2476)
 DISCCART 406587.49711797 3758862.50440957 391.50 1.50
 ** receptor =B2518+1 (sensitive receptor: C2477)
 DISCCART 406587.49711797 3758812.50458689 387.00 1.50
 ** receptor =B2519+1 (sensitive receptor: C2478)
 DISCCART 406587.49711797 3758762.50476421 383.40 1.50
 ** receptor =B2520+1 (sensitive receptor: C2479)
 DISCCART 406587.49711797 3758712.50494153 380.10 1.50
 ** receptor =B2521+1 (sensitive receptor: C2480)
 DISCCART 406587.49711797 3758662.50511885 375.10 1.50
 ** receptor =B2522+1 (sensitive receptor: C2481)
 DISCCART 406587.49711797 3758612.50529617 367.40 1.50
 ** receptor =B2523+1 (sensitive receptor: C2482)
 DISCCART 406637.499917781 3759212.50316834 450.60 1.50
 ** receptor =B2524+1 (sensitive receptor: C2483)
 DISCCART 406637.499917781 3759162.50334566 437.80 1.50
 ** receptor =B2525+1 (sensitive receptor: C2484)
 DISCCART 406637.499917781 3759112.50352298 424.70 1.50
 ** receptor =B2526+1 (sensitive receptor: C2485)
 DISCCART 406637.499917781 3759062.5037003 414.80 1.50
 ** receptor =B2527+1 (sensitive receptor: C2486)
 DISCCART 406637.499917781 3759012.50387762 399.80 1.50
 ** receptor =B2528+1 (sensitive receptor: C2487)
 DISCCART 406637.499917781 3758962.50405494 403.10 1.50
 ** receptor =B2529+1 (sensitive receptor: C2488)
 DISCCART 406637.499917781 3758912.50423226 402.70 1.50
 ** receptor =B2530+1 (sensitive receptor: C2489)
 DISCCART 406637.499917781 3758862.50440957 399.80 1.50
 ** receptor =B2531+1 (sensitive receptor: C2490)

Appendix B

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DISCCART 406637.499917781 3758812.50458689 393.60 1.50
 ** receptor =B2532+1 (sensitive receptor: C2491)
 DISCCART 406637.499917781 3758762.50476421 387.00 1.50
 ** receptor =B2533+1 (sensitive receptor: C2492)
 DISCCART 406637.499917781 3758712.50494153 383.40 1.50
 ** receptor =B2534+1 (sensitive receptor: C2493)
 DISCCART 406637.499917781 3758662.50511885 372.60 1.50
 ** receptor =B2535+1 (sensitive receptor: C2494)
 DISCCART 406687.502717592 3759162.50334566 438.20 1.50
 ** receptor =B2536+1 (sensitive receptor: C2495)
 DISCCART 406687.502717592 3759112.50352298 419.80 1.50
 ** receptor =B2537+1 (sensitive receptor: C2496)
 DISCCART 406687.502717592 3759062.5037003 422.40 1.50
 ** receptor =B2538+1 (sensitive receptor: C2497)
 DISCCART 406687.502717592 3759012.50387762 417.60 1.50
 ** receptor =B2539+1 (sensitive receptor: C2498)
 DISCCART 406687.502717592 3758962.50405494 415.80 1.50
 ** receptor =B2540+1 (sensitive receptor: C2499)
 DISCCART 406687.502717592 3758912.50423226 411.60 1.50
 ** receptor =B2541+1 (sensitive receptor: C2500)
 DISCCART 406687.502717592 3758862.50440957 403.40 1.50
 ** receptor =B2542+1 (sensitive receptor: C2501)
 DISCCART 406687.502717592 3758762.50476421 387.00 1.50
 ** receptor =B2543+1 (sensitive receptor: C2502)
 DISCCART 406737.497271559 3759112.50352298 438.80 1.50
 ** receptor =B2544+1 (sensitive receptor: C2503)
 DISCCART 406737.497271559 3759062.5037003 447.90 1.50
 ** receptor =B2545+1 (sensitive receptor: C2504)
 DISCCART 406737.497271559 3759012.50387762 433.80 1.50
 ** receptor =B2546+1 (sensitive receptor: C2505)
 DISCCART 406737.497271559 3758962.50405494 424.70 1.50
 ** receptor =B2547+1 (sensitive receptor: C2506)
 DISCCART 406737.497271559 3758912.50423226 411.60 1.50
 ** receptor =B2548+1 (sensitive receptor: C2507)
 DISCCART 406737.497271559 3758662.50511885 386.30 1.50
 ** receptor =B2549+1 (sensitive receptor: C2508)
 DISCCART 406737.497271559 3758612.50529617 380.50 1.50
 ** receptor =B2550+1 (sensitive receptor: C2509)
 DISCCART 406787.50007137 3759012.50387762 442.30 1.50
 ** receptor =B2551+1 (sensitive receptor: C2510)
 DISCCART 406787.50007137 3758962.50405494 424.70 1.50
 ** receptor =B2552+1 (sensitive receptor: C2511)
 DISCCART 406787.50007137 3758712.50494153 395.80 1.50
 ** receptor =B2553+1 (sensitive receptor: C2512)
 DISCCART 406787.50007137 3758662.50511885 391.50 1.50
 ** receptor =B2554+1 (sensitive receptor: C2513)
 DISCCART 406787.50007137 3758612.50529617 379.80 1.50
 ** receptor =B2555+1 (sensitive receptor: C2514)
 DISCCART 406837.502871182 3758712.50494153 403.40 1.50
 ** receptor =B2556+1 (sensitive receptor: C2515)
 DISCCART 406837.502871182 3758662.50511885 395.20 1.50
 ** receptor =B2557+1 (sensitive receptor: C2516)
 DISCCART 406837.502871182 3758612.50529617 382.40 1.50
 ** receptor =B2558+1 (sensitive receptor: C2517)
 DISCCART 406887.497425149 3758762.50476421 411.20 1.50
 ** receptor =B2559+1 (sensitive receptor: C2518)
 DISCCART 406887.497425149 3758712.50494153 401.70 1.50
 ** receptor =B2560+1 (sensitive receptor: C2519)
 DISCCART 406887.497425149 3758662.50511885 391.90 1.50
 ** receptor =B2561+1 (sensitive receptor: C2520)
 DISCCART 406887.497425149 3758612.50529617 369.50 1.50
 ** receptor =B2562+1 (sensitive receptor: C2521)
 DISCCART 406937.50022496 3758762.50476421 411.60 1.50
 ** receptor =B2563+1 (sensitive receptor: C2522)
 DISCCART 406937.50022496 3758712.50494153 398.40 1.50
 ** receptor =B2564+1 (sensitive receptor: C2523)
 DISCCART 406937.50022496 3758662.50511885 385.70 1.50
 ** receptor =B2565+1 (sensitive receptor: C2524)
 DISCCART 406937.50022496 3758612.50529617 378.50 1.50
 ** receptor =B2566+1 (sensitive receptor: C2525)
 DISCCART 406987.503024771 3758712.50494153 399.80 1.50
 ** receptor =B2567+1 (sensitive receptor: C2526)
 DISCCART 406987.503024771 3758662.50511885 382.00 1.50
 ** receptor =B2568+1 (sensitive receptor: C2527)
 DISCCART 406987.503024771 3758612.50529617 381.80 1.50
 ** receptor =B2569+1 (sensitive receptor: C2528)

Appendix B

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** DISCCART	407037.497578738	3758712.50494153	398.40	1.50
** receptor	=B2570+1 (sensitive receptor: C2529)			
** DISCCART	407037.497578738	3758662.50511885	377.50	1.50
** receptor	=B2571+1 (sensitive receptor: C2530)			
** DISCCART	407037.497578738	3758612.50529617	391.30	1.50
** receptor	=B2572+1 (sensitive receptor: C2531)			
** DISCCART	407087.500378549	3758662.50511885	382.80	1.50
** receptor	=B2573+1 (sensitive receptor: C2532)			
** DISCCART	407087.500378549	3758612.50529617	403.10	1.50
** receptor	=B2574+1 (sensitive receptor: C2533)			
** DISCCART	407137.50317836	3758662.50511885	404.40	1.50
** receptor	=B2575+1 (sensitive receptor: C2534)			
** DISCCART	407137.50317836	3758612.50529617	412.60	1.50
** receptor	=B2576+1 (sensitive receptor: C2535)			
** DISCCART	407187.497732327	3758662.50511885	426.00	1.50
** receptor	=B2577+1 (sensitive receptor: C2536)			
** DISCCART	407187.497732327	3758612.50529617	427.60	1.50
** receptor	=B2578+1 (sensitive receptor: C2537)			
** DISCCART	407237.500532139	3758662.50511885	442.10	1.50
** receptor	=B2579+1 (sensitive receptor: C2538)			
** DISCCART	407237.500532139	3758612.50529617	441.20	1.50
** receptor	=B2580+1 (sensitive receptor: C2539)			
** DISCCART	407287.50333195	3758662.50511885	458.50	1.50
** receptor	=B2581+1 (sensitive receptor: C2540)			
** DISCCART	407287.50333195	3758612.50529617	458.50	1.50
** receptor	=B2582+1 (sensitive receptor: C2541)			
** DISCCART	407337.497885917	3758662.50511885	474.90	1.50
** receptor	=B2583+1 (sensitive receptor: C2542)			
** DISCCART	407337.497885917	3758612.50529617	471.60	1.50
** receptor	=B2584+1 (sensitive receptor: C2543)			
** DISCCART	407387.500685728	3758662.50511885	491.30	1.50
** receptor	=B2585+1 (sensitive receptor: C2544)			
** DISCCART	407387.500685728	3758612.50529617	490.60	1.50
** receptor	=B2586+1 (sensitive receptor: C2545)			
** DISCCART	407437.495239695	3758662.50511885	504.40	1.50
** receptor	=B2587+1 (sensitive receptor: C2546)			
** DISCCART	407437.495239695	3758612.50529617	506.50	1.50
** receptor	=B2588+1 (sensitive receptor: C2547)			
** DISCCART	407487.498039506	3758662.50511885	500.10	1.50
** receptor	=B2589+1 (sensitive receptor: C2548)			
** DISCCART	407487.498039506	3758612.50529617	490.50	1.50
** receptor	=B2590+1 (sensitive receptor: C2549)			
** DISCCART	407537.500839317	3758662.50511885	0.00	1.50
** receptor	=B2591+1 (sensitive receptor: C2550)			
** DISCCART	407537.500839317	3758612.50529617	0.00	1.50
** receptor	=B2592+1 (sensitive receptor: C2551)			
** DISCCART	407587.495393284	3758662.50511885	0.00	1.50
** receptor	=B2593+1 (sensitive receptor: C2552)			
** DISCCART	407587.495393284	3758612.50529617	0.00	1.50
** receptor	=B2594+1 (sensitive receptor: C2553)			
** DISCCART	407637.498193095	3758612.50529617	0.00	1.50
** receptor	=B2595+1 (sensitive receptor: C2554)			
** DISCCART	407687.500992907	3758612.50529617	0.00	1.50
** receptor	=B2596+1 (sensitive receptor: C2555)			
** DISCCART	407737.495546874	3758612.50529617	0.00	1.50
** receptor	=B2597+1 (sensitive receptor: C2556)			
** DISCCART	407787.498346685	3758612.50529617	0.00	1.50
** receptor	=B2598+1 (sensitive receptor: C2557)			
** DISCCART	407837.501146496	3758612.50529617	0.00	1.50
** receptor	=B2599+1 (sensitive receptor: C2558)			
** DISCCART	407887.503946307	3758612.50529617	0.00	1.50
** receptor	=B2600+1 (sensitive receptor: C2559)			
** DISCCART	407937.498500274	3758612.50529617	0.00	1.50
** receptor	=B2601+1 (sensitive receptor: C2560)			
** DISCCART	407987.501300085	3758612.50529617	0.00	1.50
** receptor	=B2602+1 (sensitive receptor: C2561)			
** DISCCART	408037.495854052	3758612.50529617	0.00	1.50
** receptor	=B2603+1 (sensitive receptor: C2562)			
** DISCCART	408087.498653864	3758612.50529617	0.00	1.50
** receptor	=B2604+1 (sensitive receptor: C2563)			
** DISCCART	405987.496503612	3758612.50529617	311.60	1.50
** receptor	=B2605+1 (sensitive receptor: C2564)			
** DISCCART	406037.499303424	3758612.50529617	316.10	1.50
** receptor	=B2606+1 (sensitive receptor: C2565)			
** DISCCART	406087.502103235	3758612.50529617	319.70	1.50
** receptor	=B2607+1 (sensitive receptor: C2566)			

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** DISCCART	406137.496657202	3758612.50529617	322.70	1.50
** receptor	=B2608+1 (sensitive receptor: C2567)			
** DISCCART	406187.499457013	3758612.50529617	329.20	1.50
** receptor	=B2609+1 (sensitive receptor: C2568)			
** DISCCART	406237.502256824	3758612.50529617	334.60	1.50
** receptor	=B2610+1 (sensitive receptor: C2569)			
** DISCCART	406287.496810791	3758612.50529617	340.40	1.50
** receptor	=B2611+1 (sensitive receptor: C2570)			
** DISCCART	406337.499610602	3758612.50529617	344.40	1.50
** receptor	=B2612+1 (sensitive receptor: C2571)			
** DISCCART	406387.502410414	3758612.50529617	350.60	1.50
** receptor	=B2613+1 (sensitive receptor: C2572)			
** DISCCART	406437.496964381	3758612.50529617	356.80	1.50
** receptor	=B2614+1 (sensitive receptor: C2573)			
** DISCCART	406487.499764192	3758612.50529617	360.80	1.50
** receptor	=B2615+1 (sensitive receptor: C2574)			
** DISCCART	406512.501164097	3758562.50547349	358.00	1.50
** receptor	=B2616+1 (sensitive receptor: C2575)			
** DISCCART	406537.502564003	3758612.50529617	365.30	1.50
** receptor	=B2617+1 (sensitive receptor: C2576)			
** DISCCART	406562.495718064	3758562.50547349	360.80	1.50
** receptor	=B2618+1 (sensitive receptor: C2577)			
** DISCCART	406612.498517875	3758562.50547349	363.60	1.50
** receptor	=B2619+1 (sensitive receptor: C2578)			
** DISCCART	406662.501317687	3758562.50547349	360.80	1.50
** receptor	=B2620+1 (sensitive receptor: C2579)			
** DISCCART	406712.495871654	3758562.50547349	367.40	1.50
** receptor	=B2621+1 (sensitive receptor: C2580)			
** DISCCART	406762.498671465	3758562.50547349	367.30	1.50
** receptor	=B2622+1 (sensitive receptor: C2581)			
** DISCCART	406812.501471276	3758562.50547349	363.10	1.50
** receptor	=B2623+1 (sensitive receptor: C2582)			
** DISCCART	406862.496025243	3758562.50547349	360.20	1.50
** receptor	=B2624+1 (sensitive receptor: C2583)			
** DISCCART	406912.498825054	3758562.50547349	380.90	1.50
** receptor	=B2625+1 (sensitive receptor: C2584)			
** DISCCART	406962.501624865	3758562.50547349	387.50	1.50
** receptor	=B2626+1 (sensitive receptor: C2585)			
** DISCCART	407012.504424677	3758562.50547349	395.80	1.50
** receptor	=B2627+1 (sensitive receptor: C2586)			
** DISCCART	407062.498978644	3758562.50547349	402.20	1.50
** receptor	=B2628+1 (sensitive receptor: C2587)			
** DISCCART	407112.501778455	3758562.50547349	413.80	1.50
** receptor	=B2629+1 (sensitive receptor: C2588)			
** DISCCART	407162.496332422	3758562.50547349	417.00	1.50
** receptor	=B2630+1 (sensitive receptor: C2589)			
** DISCCART	407212.499132233	3758562.50547349	456.10	1.50
** receptor	=B2631+1 (sensitive receptor: C2590)			
** DISCCART	407262.501932044	3758562.50547349	458.60	1.50
** receptor	=B2632+1 (sensitive receptor: C2591)			
** DISCCART	407312.496486011	3758562.50547349	466.00	1.50
** receptor	=B2633+1 (sensitive receptor: C2592)			
** DISCCART	407362.499285822	3758562.50547349	479.80	1.50
** receptor	=B2634+1 (sensitive receptor: C2593)			
** DISCCART	407412.502085634	3758562.50547349	499.00	1.50
** receptor	=B2635+1 (sensitive receptor: C2594)			
** DISCCART	407462.4966396	3758562.50547349	515.80	1.50
** receptor	=B2636+1 (sensitive receptor: C2595)			
** DISCCART	407512.499439412	3758562.50547349	483.20	1.50
** receptor	=B2637+1 (sensitive receptor: C2596)			
** DISCCART	407562.502239223	3758562.50547349	0.00	1.50
** receptor	=B2638+1 (sensitive receptor: C2597)			
** DISCCART	407612.49679319	3758562.50547349	0.00	1.50
** receptor	=B2639+1 (sensitive receptor: C2598)			
** DISCCART	407662.499593001	3758562.50547349	0.00	1.50
** receptor	=B2640+1 (sensitive receptor: C2599)			
** DISCCART	407712.502392812	3758562.50547349	0.00	1.50
** receptor	=B2641+1 (sensitive receptor: C2600)			
** DISCCART	407762.496946779	3758562.50547349	0.00	1.50
** receptor	=B2642+1 (sensitive receptor: C2601)			
** DISCCART	407812.49974659	3758562.50547349	0.00	1.50
** receptor	=B2643+1 (sensitive receptor: C2602)			
** DISCCART	407862.502546402	3758562.50547349	0.00	1.50
** receptor	=B2644+1 (sensitive receptor: C2603)			
** DISCCART	407912.497100369	3758562.50547349	0.00	1.50
** receptor	=B2645+1 (sensitive receptor: C2604)			

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DISCCART 407962.49990018 3758562.50547349 0.00 1.50
 ** receptor =B2646+1 (sensitive receptor: C2605)
 DISCCART 408012.502699991 3758562.50547349 0.00 1.50
 ** receptor =B2647+1 (sensitive receptor: C2606)
 DISCCART 408062.497253958 3758562.50547349 0.00 1.50
 ** receptor =B2648+1 (sensitive receptor: C2607)
 DISCCART 408112.500053769 3758562.50547349 0.00 1.50
 ** receptor =B2649+1 (sensitive receptor: C2608)
 DISCCART 405987.496503612 3759987.50541887 748.50 1.50
 ** receptor =B2650+1 (sensitive receptor: C2609)
 DISCCART 405987.496503612 3759937.50559619 717.10 1.50
 ** receptor =B2651+1 (sensitive receptor: C2610)
 DISCCART 405987.496503612 3759887.50577351 696.60 1.50
 ** receptor =B2652+1 (sensitive receptor: C2611)
 DISCCART 405987.496503612 3759837.50595083 649.30 1.50
 ** receptor =B2653+1 (sensitive receptor: C2612)
 DISCCART 405987.496503612 3759787.50612815 627.20 1.50
 ** receptor =B2654+1 (sensitive receptor: C2613)
 DISCCART 405987.496503612 3759737.50630547 624.90 1.50
 ** receptor =B2655+1 (sensitive receptor: C2614)
 DISCCART 405987.496503612 3759687.50648279 554.20 1.50
 ** receptor =B2656+1 (sensitive receptor: C2615)
 DISCCART 405987.496503612 3759637.50666011 537.10 1.50
 ** receptor =B2657+1 (sensitive receptor: C2616)
 DISCCART 405987.496503612 3759587.50683743 524.10 1.50
 ** receptor =B2658+1 (sensitive receptor: C2617)
 DISCCART 405987.496503612 3759537.50701475 530.70 1.50
 ** receptor =B2659+1 (sensitive receptor: C2618)
 DISCCART 405987.496503612 3759487.50719207 531.40 1.50
 ** receptor =B2660+1 (sensitive receptor: C2619)
 DISCCART 405987.496503612 3759437.50736939 520.60 1.50
 ** receptor =B2661+1 (sensitive receptor: C2620)
 DISCCART 405987.496503612 3759387.49754874 488.50 1.50
 ** receptor =B2662+1 (sensitive receptor: C2621)
 DISCCART 405987.496503612 3759337.49772606 458.30 1.50
 ** receptor =B2663+1 (sensitive receptor: C2622)
 DISCCART 405987.496503612 3759287.49790338 426.30 1.50
 ** receptor =B2664+1 (sensitive receptor: C2623)
 DISCCART 405987.496503612 3759237.4980807 402.50 1.50
 ** receptor =B2665+1 (sensitive receptor: C2624)
 DISCCART 405987.496503612 3759187.49825802 377.30 1.50
 ** receptor =B2666+1 (sensitive receptor: C2625)
 DISCCART 405987.496503612 3759137.49843534 376.40 1.50
 ** receptor =B2667+1 (sensitive receptor: C2626)
 DISCCART 405987.496503612 3759087.49861266 367.30 1.50
 ** receptor =B2668+1 (sensitive receptor: C2627)
 DISCCART 405987.496503612 3759037.49878997 357.50 1.50
 ** receptor =B2669+1 (sensitive receptor: C2628)
 DISCCART 405987.496503612 3758987.49896729 357.50 1.50
 ** receptor =B2670+1 (sensitive receptor: C2629)
 DISCCART 405987.496503612 3758937.49914461 353.50 1.50
 ** receptor =B2671+1 (sensitive receptor: C2630)
 DISCCART 405987.496503612 3758887.49932193 344.40 1.50
 ** receptor =B2672+1 (sensitive receptor: C2631)
 DISCCART 405987.496503612 3758837.49949925 337.80 1.50
 ** receptor =B2673+1 (sensitive receptor: C2632)
 DISCCART 405987.496503612 3758787.49967657 331.30 1.50
 ** receptor =B2674+1 (sensitive receptor: C2633)
 DISCCART 405987.496503612 3758737.49985389 324.70 1.50
 ** receptor =B2675+1 (sensitive receptor: C2634)
 DISCCART 405987.496503612 3758687.50003121 320.70 1.50
 ** receptor =B2676+1 (sensitive receptor: C2635)
 DISCCART 406037.499303424 3759987.50541887 707.80 1.50
 ** receptor =B2677+1 (sensitive receptor: C2636)
 DISCCART 406037.499303424 3759837.50595083 631.60 1.50
 ** receptor =B2678+1 (sensitive receptor: C2637)
 DISCCART 406037.499303424 3759787.50612815 603.60 1.50
 ** receptor =B2679+1 (sensitive receptor: C2638)
 DISCCART 406037.499303424 3759737.50630547 590.00 1.50
 ** receptor =B2680+1 (sensitive receptor: C2639)
 DISCCART 406037.499303424 3759687.50648279 560.00 1.50
 ** receptor =B2681+1 (sensitive receptor: C2640)
 DISCCART 406037.499303424 3759637.50666011 538.60 1.50
 ** receptor =B2682+1 (sensitive receptor: C2641)
 DISCCART 406037.499303424 3759587.50683743 525.50 1.50
 ** receptor =B2683+1 (sensitive receptor: C2642)

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** DISCCART	406037.499303424	3759537.50701475	517.00	1.50
** receptor	=B2684+1 (sensitive receptor: C2643)			
** DISCCART	406037.499303424	3759487.50719207	480.40	1.50
** receptor	=B2685+1 (sensitive receptor: C2644)			
** DISCCART	406037.499303424	3759437.50736939	463.20	1.50
** receptor	=B2686+1 (sensitive receptor: C2645)			
** DISCCART	406037.499303424	3759387.49754874	457.20	1.50
** receptor	=B2687+1 (sensitive receptor: C2646)			
** DISCCART	406037.499303424	3759337.49772606	437.00	1.50
** receptor	=B2688+1 (sensitive receptor: C2647)			
** DISCCART	406037.499303424	3759287.49790338	417.80	1.50
** receptor	=B2689+1 (sensitive receptor: C2648)			
** DISCCART	406037.499303424	3759237.4980807	396.80	1.50
** receptor	=B2690+1 (sensitive receptor: C2649)			
** DISCCART	406037.499303424	3759187.49825802	387.00	1.50
** receptor	=B2691+1 (sensitive receptor: C2650)			
** DISCCART	406037.499303424	3759137.49843534	380.50	1.50
** receptor	=B2692+1 (sensitive receptor: C2651)			
** DISCCART	406037.499303424	3759087.49861266	373.90	1.50
** receptor	=B2693+1 (sensitive receptor: C2652)			
** DISCCART	406037.499303424	3759037.49878997	366.60	1.50
** receptor	=B2694+1 (sensitive receptor: C2653)			
** DISCCART	406037.499303424	3758987.49896729	364.10	1.50
** receptor	=B2695+1 (sensitive receptor: C2654)			
** DISCCART	406037.499303424	3758937.49914461	357.50	1.50
** receptor	=B2696+1 (sensitive receptor: C2655)			
** DISCCART	406037.499303424	3758887.49932193	350.20	1.50
** receptor	=B2697+1 (sensitive receptor: C2656)			
** DISCCART	406037.499303424	3758837.49949925	341.10	1.50
** receptor	=B2698+1 (sensitive receptor: C2657)			
** DISCCART	406037.499303424	3758787.49967657	337.10	1.50
** receptor	=B2699+1 (sensitive receptor: C2658)			
** DISCCART	406037.499303424	3758737.49985389	330.50	1.50
** receptor	=B2700+1 (sensitive receptor: C2659)			
** DISCCART	406037.499303424	3758687.50003121	321.40	1.50
** receptor	=B2701+1 (sensitive receptor: C2660)			
** DISCCART	406087.502103235	3759987.50541887	645.50	1.50
** receptor	=B2702+1 (sensitive receptor: C2661)			
** DISCCART	406087.502103235	3759837.50595083	514.80	1.50
** receptor	=B2703+1 (sensitive receptor: C2662)			
** DISCCART	406087.502103235	3759787.50612815	500.20	1.50
** receptor	=B2704+1 (sensitive receptor: C2663)			
** DISCCART	406087.502103235	3759737.50630547	496.30	1.50
** receptor	=B2705+1 (sensitive receptor: C2664)			
** DISCCART	406087.502103235	3759687.50648279	490.40	1.50
** receptor	=B2706+1 (sensitive receptor: C2665)			
** DISCCART	406087.502103235	3759637.50666011	490.40	1.50
** receptor	=B2707+1 (sensitive receptor: C2666)			
** DISCCART	406087.502103235	3759587.50683743	480.90	1.50
** receptor	=B2708+1 (sensitive receptor: C2667)			
** DISCCART	406087.502103235	3759537.50701475	465.80	1.50
** receptor	=B2709+1 (sensitive receptor: C2668)			
** DISCCART	406087.502103235	3759487.50719207	463.20	1.50
** receptor	=B2710+1 (sensitive receptor: C2669)			
** DISCCART	406087.502103235	3759437.50736939	435.10	1.50
** receptor	=B2711+1 (sensitive receptor: C2670)			
** DISCCART	406087.502103235	3759387.49754874	421.30	1.50
** receptor	=B2712+1 (sensitive receptor: C2671)			
** DISCCART	406087.502103235	3759337.49772606	416.60	1.50
** receptor	=B2713+1 (sensitive receptor: C2672)			
** DISCCART	406087.502103235	3759287.49790338	420.50	1.50
** receptor	=B2714+1 (sensitive receptor: C2673)			
** DISCCART	406087.502103235	3759237.4980807	396.90	1.50
** receptor	=B2715+1 (sensitive receptor: C2674)			
** DISCCART	406087.502103235	3759187.49825802	393.60	1.50
** receptor	=B2716+1 (sensitive receptor: C2675)			
** DISCCART	406087.502103235	3759137.49843534	387.00	1.50
** receptor	=B2717+1 (sensitive receptor: C2676)			
** DISCCART	406087.502103235	3759087.49861266	380.50	1.50
** receptor	=B2718+1 (sensitive receptor: C2677)			
** DISCCART	406087.502103235	3759037.49878997	373.90	1.50
** receptor	=B2719+1 (sensitive receptor: C2678)			
** DISCCART	406087.502103235	3758987.49896729	369.90	1.50
** receptor	=B2720+1 (sensitive receptor: C2679)			
** DISCCART	406087.502103235	3758937.49914461	360.80	1.50
** receptor	=B2721+1 (sensitive receptor: C2680)			

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** DISCCART	406087.502103235	3758887.49932193	356.70	1.50
** receptor	=B2722+1 (sensitive receptor: C2681)			
** DISCCART	406087.502103235	3758837.49949925	347.70	1.50
** receptor	=B2723+1 (sensitive receptor: C2682)			
** DISCCART	406087.502103235	3758787.49967657	341.10	1.50
** receptor	=B2724+1 (sensitive receptor: C2683)			
** DISCCART	406087.502103235	3758737.49985389	334.60	1.50
** receptor	=B2725+1 (sensitive receptor: C2684)			
** DISCCART	406087.502103235	3758687.50003121	328.00	1.50
** receptor	=B2726+1 (sensitive receptor: C2685)			
** DISCCART	406137.496657202	3759987.50541887	550.90	1.50
** receptor	=B2727+1 (sensitive receptor: C2686)			
** DISCCART	406137.496657202	3759837.50595083	488.60	1.50
** receptor	=B2728+1 (sensitive receptor: C2687)			
** DISCCART	406137.496657202	3759787.50612815	485.40	1.50
** receptor	=B2729+1 (sensitive receptor: C2688)			
** DISCCART	406137.496657202	3759737.50630547	484.00	1.50
** receptor	=B2730+1 (sensitive receptor: C2689)			
** DISCCART	406137.496657202	3759687.50648279	484.00	1.50
** receptor	=B2731+1 (sensitive receptor: C2690)			
** DISCCART	406137.496657202	3759637.50666011	471.50	1.50
** receptor	=B2732+1 (sensitive receptor: C2691)			
** DISCCART	406137.496657202	3759587.50683743	465.70	1.50
** receptor	=B2733+1 (sensitive receptor: C2692)			
** DISCCART	406137.496657202	3759537.50701475	457.10	1.50
** receptor	=B2734+1 (sensitive receptor: C2693)			
** DISCCART	406137.496657202	3759487.50719207	427.80	1.50
** receptor	=B2735+1 (sensitive receptor: C2694)			
** DISCCART	406137.496657202	3759437.50736939	429.00	1.50
** receptor	=B2736+1 (sensitive receptor: C2695)			
** DISCCART	406137.496657202	3759387.49754874	438.10	1.50
** receptor	=B2737+1 (sensitive receptor: C2696)			
** DISCCART	406137.496657202	3759337.49772606	434.90	1.50
** receptor	=B2738+1 (sensitive receptor: C2697)			
** DISCCART	406137.496657202	3759287.49790338	428.80	1.50
** receptor	=B2739+1 (sensitive receptor: C2698)			
** DISCCART	406137.496657202	3759237.4980807	409.90	1.50
** receptor	=B2740+1 (sensitive receptor: C2699)			
** DISCCART	406137.496657202	3759187.49825802	402.70	1.50
** receptor	=B2741+1 (sensitive receptor: C2700)			
** DISCCART	406137.496657202	3759137.49843534	393.60	1.50
** receptor	=B2742+1 (sensitive receptor: C2701)			
** DISCCART	406137.496657202	3759087.49861266	387.00	1.50
** receptor	=B2743+1 (sensitive receptor: C2702)			
** DISCCART	406137.496657202	3759037.49878997	380.50	1.50
** receptor	=B2744+1 (sensitive receptor: C2703)			
** DISCCART	406137.496657202	3758987.49896729	377.20	1.50
** receptor	=B2745+1 (sensitive receptor: C2704)			
** DISCCART	406137.496657202	3758937.49914461	369.90	1.50
** receptor	=B2746+1 (sensitive receptor: C2705)			
** DISCCART	406137.496657202	3758887.49932193	360.80	1.50
** receptor	=B2747+1 (sensitive receptor: C2706)			
** DISCCART	406137.496657202	3758837.49949925	354.20	1.50
** receptor	=B2748+1 (sensitive receptor: C2707)			
** DISCCART	406137.496657202	3758787.49967657	344.40	1.50
** receptor	=B2749+1 (sensitive receptor: C2708)			
** DISCCART	406137.496657202	3758737.49985389	337.80	1.50
** receptor	=B2750+1 (sensitive receptor: C2709)			
** DISCCART	406137.496657202	3758687.50003121	331.30	1.50
** receptor	=B2751+1 (sensitive receptor: C2710)			
** DISCCART	406187.499457013	3759437.50736939	487.20	1.50
** receptor	=B2752+1 (sensitive receptor: C2711)			
** DISCCART	406187.499457013	3759387.49754874	470.10	1.50
** receptor	=B2753+1 (sensitive receptor: C2712)			
** DISCCART	406187.499457013	3759337.49772606	462.50	1.50
** receptor	=B2754+1 (sensitive receptor: C2713)			
** DISCCART	406187.499457013	3759287.49790338	439.40	1.50
** receptor	=B2755+1 (sensitive receptor: C2714)			
** DISCCART	406187.499457013	3759237.4980807	416.60	1.50
** receptor	=B2756+1 (sensitive receptor: C2715)			
** DISCCART	406187.499457013	3759187.49825802	406.70	1.50
** receptor	=B2757+1 (sensitive receptor: C2716)			
** DISCCART	406187.499457013	3759137.49843534	400.10	1.50
** receptor	=B2758+1 (sensitive receptor: C2717)			
** DISCCART	406187.499457013	3759087.49861266	393.60	1.50
** receptor	=B2759+1 (sensitive receptor: C2718)			

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** DISCCART	406187.499457013	3759037.49878997	387.00	1.50
** receptor	=B2760+1 (sensitive receptor: C2719)			
** DISCCART	406187.499457013	3758987.49896729	383.00	1.50
** receptor	=B2761+1 (sensitive receptor: C2720)			
** DISCCART	406187.499457013	3758937.49914461	373.90	1.50
** receptor	=B2762+1 (sensitive receptor: C2721)			
** DISCCART	406187.499457013	3758887.49932193	366.60	1.50
** receptor	=B2763+1 (sensitive receptor: C2722)			
** DISCCART	406187.499457013	3758837.49949925	357.50	1.50
** receptor	=B2764+1 (sensitive receptor: C2723)			
** DISCCART	406187.499457013	3758787.49967657	347.70	1.50
** receptor	=B2765+1 (sensitive receptor: C2724)			
** DISCCART	406187.499457013	3758737.49985389	341.00	1.50
** receptor	=B2766+1 (sensitive receptor: C2725)			
** DISCCART	406187.499457013	3758687.50003121	334.60	1.50
** receptor	=B2767+1 (sensitive receptor: C2726)			
** DISCCART	406237.502256824	3759437.50736939	501.80	1.50
** receptor	=B2768+1 (sensitive receptor: C2727)			
** DISCCART	406237.502256824	3759387.49754874	482.80	1.50
** receptor	=B2769+1 (sensitive receptor: C2728)			
** DISCCART	406237.502256824	3759337.49772606	462.30	1.50
** receptor	=B2770+1 (sensitive receptor: C2729)			
** DISCCART	406237.502256824	3759287.49790338	446.00	1.50
** receptor	=B2771+1 (sensitive receptor: C2730)			
** DISCCART	406237.502256824	3759237.4980807	426.30	1.50
** receptor	=B2772+1 (sensitive receptor: C2731)			
** DISCCART	406237.502256824	3759187.49825802	413.30	1.50
** receptor	=B2773+1 (sensitive receptor: C2732)			
** DISCCART	406237.502256824	3759137.49843534	403.40	1.50
** receptor	=B2774+1 (sensitive receptor: C2733)			
** DISCCART	406237.502256824	3759087.49861266	399.40	1.50
** receptor	=B2775+1 (sensitive receptor: C2734)			
** DISCCART	406237.502256824	3759037.49878997	390.30	1.50
** receptor	=B2776+1 (sensitive receptor: C2735)			
** DISCCART	406237.502256824	3758987.49896729	383.80	1.50
** receptor	=B2777+1 (sensitive receptor: C2736)			
** DISCCART	406237.502256824	3758937.49914461	377.10	1.50
** receptor	=B2778+1 (sensitive receptor: C2737)			
** DISCCART	406237.502256824	3758887.49932193	367.40	1.50
** receptor	=B2779+1 (sensitive receptor: C2738)			
** DISCCART	406237.502256824	3758837.49949925	360.70	1.50
** receptor	=B2780+1 (sensitive receptor: C2739)			
** DISCCART	406237.502256824	3758787.49967657	350.90	1.50
** receptor	=B2781+1 (sensitive receptor: C2740)			
** DISCCART	406237.502256824	3758737.49985389	344.30	1.50
** receptor	=B2782+1 (sensitive receptor: C2741)			
** DISCCART	406237.502256824	3758687.50003121	337.80	1.50
** receptor	=B2783+1 (sensitive receptor: C2742)			
** DISCCART	406287.496810791	3759437.50736939	508.40	1.50
** receptor	=B2784+1 (sensitive receptor: C2743)			
** DISCCART	406287.496810791	3759387.49754874	501.00	1.50
** receptor	=B2785+1 (sensitive receptor: C2744)			
** DISCCART	406287.496810791	3759337.49772606	465.00	1.50
** receptor	=B2786+1 (sensitive receptor: C2745)			
** DISCCART	406287.496810791	3759287.49790338	449.30	1.50
** receptor	=B2787+1 (sensitive receptor: C2746)			
** DISCCART	406287.496810791	3759237.4980807	432.90	1.50
** receptor	=B2788+1 (sensitive receptor: C2747)			
** DISCCART	406287.496810791	3759187.49825802	416.60	1.50
** receptor	=B2789+1 (sensitive receptor: C2748)			
** DISCCART	406287.496810791	3759137.49843534	409.20	1.50
** receptor	=B2790+1 (sensitive receptor: C2749)			
** DISCCART	406287.496810791	3759087.49861266	400.20	1.50
** receptor	=B2791+1 (sensitive receptor: C2750)			
** DISCCART	406287.496810791	3759037.49878997	393.50	1.50
** receptor	=B2792+1 (sensitive receptor: C2751)			
** DISCCART	406287.496810791	3758987.49896729	383.70	1.50
** receptor	=B2793+1 (sensitive receptor: C2752)			
** DISCCART	406287.496810791	3758937.49914461	377.10	1.50
** receptor	=B2794+1 (sensitive receptor: C2753)			
** DISCCART	406287.496810791	3758887.49932193	367.40	1.50
** receptor	=B2795+1 (sensitive receptor: C2754)			
** DISCCART	406287.496810791	3758837.49949925	357.50	1.50
** receptor	=B2796+1 (sensitive receptor: C2755)			
** DISCCART	406287.496810791	3758787.49967657	354.20	1.50
** receptor	=B2797+1 (sensitive receptor: C2756)			

Appendix B

NOx Annual Emissions Unmitigated

** DISCCART	406287.496810791	3758737.49985389	346.90	1.50
** receptor	=B2798+1 (sensitive receptor: C2757)			
** DISCCART	406287.496810791	3758687.50003121	343.60	1.50
** receptor	=B2799+1 (sensitive receptor: C2758)			
** DISCCART	406337.499610602	3759437.50736939	508.30	1.50
** receptor	=B2800+1 (sensitive receptor: C2759)			
** DISCCART	406337.499610602	3759387.49754874	499.30	1.50
** receptor	=B2801+1 (sensitive receptor: C2760)			
** DISCCART	406337.499610602	3759337.49772606	475.40	1.50
** receptor	=B2802+1 (sensitive receptor: C2761)			
** DISCCART	406337.499610602	3759287.49790338	452.60	1.50
** receptor	=B2803+1 (sensitive receptor: C2762)			
** DISCCART	406337.499610602	3759237.4980807	436.20	1.50
** receptor	=B2804+1 (sensitive receptor: C2763)			
** DISCCART	406337.499610602	3759187.49825802	423.00	1.50
** receptor	=B2805+1 (sensitive receptor: C2764)			
** DISCCART	406337.499610602	3759137.49843534	412.50	1.50
** receptor	=B2806+1 (sensitive receptor: C2765)			
** DISCCART	406337.499610602	3759087.49861266	400.20	1.50
** receptor	=B2807+1 (sensitive receptor: C2766)			
** DISCCART	406337.499610602	3759037.49878997	393.60	1.50
** receptor	=B2808+1 (sensitive receptor: C2767)			
** DISCCART	406337.499610602	3758987.49896729	383.70	1.50
** receptor	=B2809+1 (sensitive receptor: C2768)			
** DISCCART	406337.499610602	3758937.49914461	373.90	1.50
** receptor	=B2810+1 (sensitive receptor: C2769)			
** DISCCART	406337.499610602	3758887.49932193	367.30	1.50
** receptor	=B2811+1 (sensitive receptor: C2770)			
** DISCCART	406337.499610602	3758837.49949925	358.20	1.50
** receptor	=B2812+1 (sensitive receptor: C2771)			
** DISCCART	406337.499610602	3758787.49967657	354.20	1.50
** receptor	=B2813+1 (sensitive receptor: C2772)			
** DISCCART	406337.499610602	3758737.49985389	350.20	1.50
** receptor	=B2814+1 (sensitive receptor: C2773)			
** DISCCART	406337.499610602	3758687.50003121	347.00	1.50
** receptor	=B2815+1 (sensitive receptor: C2774)			
** DISCCART	406387.502410414	3759337.49772606	459.10	1.50
** receptor	=B2816+1 (sensitive receptor: C2775)			
** DISCCART	406387.502410414	3759287.49790338	449.20	1.50
** receptor	=B2817+1 (sensitive receptor: C2776)			
** DISCCART	406387.502410414	3759237.4980807	436.20	1.50
** receptor	=B2818+1 (sensitive receptor: C2777)			
** DISCCART	406387.502410414	3759187.49825802	425.60	1.50
** receptor	=B2819+1 (sensitive receptor: C2778)			
** DISCCART	406387.502410414	3759137.49843534	413.20	1.50
** receptor	=B2820+1 (sensitive receptor: C2779)			
** DISCCART	406387.502410414	3759087.49861266	403.40	1.50
** receptor	=B2821+1 (sensitive receptor: C2780)			
** DISCCART	406387.502410414	3759037.49878997	393.60	1.50
** receptor	=B2822+1 (sensitive receptor: C2781)			
** DISCCART	406387.502410414	3758987.49896729	386.30	1.50
** receptor	=B2823+1 (sensitive receptor: C2782)			
** DISCCART	406387.502410414	3758937.49914461	377.10	1.50
** receptor	=B2824+1 (sensitive receptor: C2783)			
** DISCCART	406387.502410414	3758887.49932193	364.00	1.50
** receptor	=B2825+1 (sensitive receptor: C2784)			
** DISCCART	406387.502410414	3758837.49949925	357.50	1.50
** receptor	=B2826+1 (sensitive receptor: C2785)			
** DISCCART	406387.502410414	3758787.49967657	354.20	1.50
** receptor	=B2827+1 (sensitive receptor: C2786)			
** DISCCART	406387.502410414	3758737.49985389	354.20	1.50
** receptor	=B2828+1 (sensitive receptor: C2787)			
** DISCCART	406387.502410414	3758687.50003121	354.20	1.50
** receptor	=B2829+1 (sensitive receptor: C2788)			
** DISCCART	406437.496964381	3759337.49772606	455.80	1.50
** receptor	=B2830+1 (sensitive receptor: C2789)			
** DISCCART	406437.496964381	3759287.49790338	446.10	1.50
** receptor	=B2831+1 (sensitive receptor: C2790)			
** DISCCART	406437.496964381	3759237.4980807	439.50	1.50
** receptor	=B2832+1 (sensitive receptor: C2791)			
** DISCCART	406437.496964381	3759187.49825802	426.30	1.50
** receptor	=B2833+1 (sensitive receptor: C2792)			
** DISCCART	406437.496964381	3759137.49843534	413.20	1.50
** receptor	=B2834+1 (sensitive receptor: C2793)			
** DISCCART	406437.496964381	3759087.49861266	403.40	1.50
** receptor	=B2835+1 (sensitive receptor: C2794)			

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** receptor	DISCCART	406437.496964381	3759037.49878997	393.60	1.50
	=B2836+1 (sensitive receptor: C2795)				
** receptor	DISCCART	406437.496964381	3758987.49896729	387.00	1.50
	=B2837+1 (sensitive receptor: C2796)				
** receptor	DISCCART	406437.496964381	3758937.49914461	380.40	1.50
	=B2838+1 (sensitive receptor: C2797)				
** receptor	DISCCART	406437.496964381	3758887.49932193	366.50	1.50
	=B2839+1 (sensitive receptor: C2798)				
** receptor	DISCCART	406437.496964381	3758837.49949925	357.50	1.50
	=B2840+1 (sensitive receptor: C2799)				
** receptor	DISCCART	406437.496964381	3758787.49967657	357.50	1.50
	=B2841+1 (sensitive receptor: C2800)				
** receptor	DISCCART	406437.496964381	3758737.49985389	357.50	1.50
	=B2842+1 (sensitive receptor: C2801)				
** receptor	DISCCART	406437.496964381	3758687.50003121	360.80	1.50
	=B2843+1 (sensitive receptor: C2802)				
** receptor	DISCCART	406487.499764192	3759287.49790338	449.30	1.50
	=B2844+1 (sensitive receptor: C2803)				
** receptor	DISCCART	406487.499764192	3759237.4980807	439.40	1.50
	=B2845+1 (sensitive receptor: C2804)				
** receptor	DISCCART	406487.499764192	3759187.49825802	423.10	1.50
	=B2846+1 (sensitive receptor: C2805)				
** receptor	DISCCART	406487.499764192	3759137.49843534	413.30	1.50
	=B2847+1 (sensitive receptor: C2806)				
** receptor	DISCCART	406487.499764192	3759087.49861266	403.40	1.50
	=B2848+1 (sensitive receptor: C2807)				
** receptor	DISCCART	406487.499764192	3759037.49878997	396.10	1.50
	=B2849+1 (sensitive receptor: C2808)				
** receptor	DISCCART	406487.499764192	3758987.49896729	390.20	1.50
	=B2850+1 (sensitive receptor: C2809)				
** receptor	DISCCART	406487.499764192	3758937.49914461	383.00	1.50
	=B2851+1 (sensitive receptor: C2810)				
** receptor	DISCCART	406487.499764192	3758887.49932193	370.60	1.50
	=B2852+1 (sensitive receptor: C2811)				
** receptor	DISCCART	406487.499764192	3758837.49949925	366.60	1.50
	=B2853+1 (sensitive receptor: C2812)				
** receptor	DISCCART	406487.499764192	3758787.49967657	366.70	1.50
	=B2854+1 (sensitive receptor: C2813)				
** receptor	DISCCART	406487.499764192	3758737.49985389	367.40	1.50
	=B2855+1 (sensitive receptor: C2814)				
** receptor	DISCCART	406487.499764192	3758687.50003121	366.60	1.50
	=B2856+1 (sensitive receptor: C2815)				
** receptor	DISCCART	406537.502564003	3759237.4980807	439.50	1.50
	=B2857+1 (sensitive receptor: C2816)				
** receptor	DISCCART	406537.502564003	3759187.49825802	426.40	1.50
	=B2858+1 (sensitive receptor: C2817)				
** receptor	DISCCART	406537.502564003	3759137.49843534	416.50	1.50
	=B2859+1 (sensitive receptor: C2818)				
** receptor	DISCCART	406537.502564003	3759087.49861266	409.20	1.50
	=B2860+1 (sensitive receptor: C2819)				
** receptor	DISCCART	406537.502564003	3759037.49878997	400.10	1.50
	=B2861+1 (sensitive receptor: C2820)				
** receptor	DISCCART	406537.502564003	3758987.49896729	390.20	1.50
	=B2862+1 (sensitive receptor: C2821)				
** receptor	DISCCART	406537.502564003	3758937.49914461	380.40	1.50
	=B2863+1 (sensitive receptor: C2822)				
** receptor	DISCCART	406537.502564003	3758887.49932193	377.20	1.50
	=B2864+1 (sensitive receptor: C2823)				
** receptor	DISCCART	406537.502564003	3758837.49949925	380.50	1.50
	=B2865+1 (sensitive receptor: C2824)				
** receptor	DISCCART	406537.502564003	3758787.49967657	379.80	1.50
	=B2866+1 (sensitive receptor: C2825)				
** receptor	DISCCART	406537.502564003	3758737.49985389	376.40	1.50
	=B2867+1 (sensitive receptor: C2826)				
** receptor	DISCCART	406537.502564003	3758687.50003121	373.10	1.50
	=B2868+1 (sensitive receptor: C2827)				
** receptor	DISCCART	406587.49711797	3759237.4980807	448.60	1.50
	=B2869+1 (sensitive receptor: C2828)				
** receptor	DISCCART	406587.49711797	3759187.49825802	436.20	1.50
	=B2870+1 (sensitive receptor: C2829)				
** receptor	DISCCART	406587.49711797	3759137.49843534	423.10	1.50
	=B2871+1 (sensitive receptor: C2830)				
** receptor	DISCCART	406587.49711797	3759087.49861266	413.30	1.50
	=B2872+1 (sensitive receptor: C2831)				
** receptor	DISCCART	406587.49711797	3759037.49878997	403.40	1.50
	=B2873+1 (sensitive receptor: C2832)				

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** receptor	DISCCART	406587.49711797	3758987.49896729	393.60	1.50
	=B2874+1 (sensitive receptor: C2833)				
** receptor	DISCCART	406587.49711797	3758937.49914461	389.60	1.50
	=B2875+1 (sensitive receptor: C2834)				
** receptor	DISCCART	406587.49711797	3758887.49932193	389.70	1.50
	=B2876+1 (sensitive receptor: C2835)				
** receptor	DISCCART	406587.49711797	3758837.49949925	389.60	1.50
	=B2877+1 (sensitive receptor: C2836)				
** receptor	DISCCART	406587.49711797	3758787.49967657	386.30	1.50
	=B2878+1 (sensitive receptor: C2837)				
** receptor	DISCCART	406587.49711797	3758737.49985389	380.50	1.50
	=B2879+1 (sensitive receptor: C2838)				
** receptor	DISCCART	406587.49711797	3758687.50003121	377.20	1.50
	=B2880+1 (sensitive receptor: C2839)				
** receptor	DISCCART	406587.49711797	3758637.50020853	370.60	1.50
	=B2881+1 (sensitive receptor: C2840)				
** receptor	DISCCART	406637.499917781	3759187.49825802	442.80	1.50
	=B2882+1 (sensitive receptor: C2841)				
** receptor	DISCCART	406637.499917781	3759137.49843534	429.60	1.50
	=B2883+1 (sensitive receptor: C2842)				
** receptor	DISCCART	406637.499917781	3759087.49861266	419.80	1.50
	=B2884+1 (sensitive receptor: C2843)				
** receptor	DISCCART	406637.499917781	3759037.49878997	403.40	1.50
	=B2885+1 (sensitive receptor: C2844)				
** receptor	DISCCART	406637.499917781	3758987.49896729	400.20	1.50
	=B2886+1 (sensitive receptor: C2845)				
** receptor	DISCCART	406637.499917781	3758937.49914461	402.70	1.50
	=B2887+1 (sensitive receptor: C2846)				
** receptor	DISCCART	406637.499917781	3758887.49932193	402.70	1.50
	=B2888+1 (sensitive receptor: C2847)				
** receptor	DISCCART	406637.499917781	3758837.49949925	396.90	1.50
	=B2889+1 (sensitive receptor: C2848)				
** receptor	DISCCART	406637.499917781	3758787.49967657	390.30	1.50
	=B2890+1 (sensitive receptor: C2849)				
** receptor	DISCCART	406637.499917781	3758737.49985389	383.80	1.50
	=B2891+1 (sensitive receptor: C2850)				
** receptor	DISCCART	406637.499917781	3758687.50003121	380.40	1.50
	=B2892+1 (sensitive receptor: C2851)				
** receptor	DISCCART	406687.502717592	3759137.49843534	429.60	1.50
	=B2893+1 (sensitive receptor: C2852)				
** receptor	DISCCART	406687.502717592	3759087.49861266	419.90	1.50
	=B2894+1 (sensitive receptor: C2853)				
** receptor	DISCCART	406687.502717592	3759037.49878997	416.60	1.50
	=B2895+1 (sensitive receptor: C2854)				
** receptor	DISCCART	406687.502717592	3758987.49896729	416.50	1.50
	=B2896+1 (sensitive receptor: C2855)				
** receptor	DISCCART	406687.502717592	3758937.49914461	415.80	1.50
	=B2897+1 (sensitive receptor: C2856)				
** receptor	DISCCART	406687.502717592	3758887.49932193	406.60	1.50
	=B2898+1 (sensitive receptor: C2857)				
** receptor	DISCCART	406687.502717592	3758837.49949925	400.10	1.50
	=B2899+1 (sensitive receptor: C2858)				
** receptor	DISCCART	406687.502717592	3758737.49985389	383.80	1.50
	=B2900+1 (sensitive receptor: C2859)				
** receptor	DISCCART	406737.497271559	3759137.49843534	438.80	1.50
	=B2901+1 (sensitive receptor: C2860)				
** receptor	DISCCART	406737.497271559	3759037.49878997	438.70	1.50
	=B2902+1 (sensitive receptor: C2861)				
** receptor	DISCCART	406737.497271559	3758987.49896729	429.60	1.50
	=B2903+1 (sensitive receptor: C2862)				
** receptor	DISCCART	406737.497271559	3758937.49914461	417.30	1.50
	=B2904+1 (sensitive receptor: C2863)				
** receptor	DISCCART	406737.497271559	3758637.50020853	383.70	1.50
	=B2905+1 (sensitive receptor: C2864)				
** receptor	DISCCART	406787.50007137	3759037.49878997	455.10	1.50
	=B2906+1 (sensitive receptor: C2865)				
** receptor	DISCCART	406787.50007137	3758987.49896729	432.90	1.50
	=B2907+1 (sensitive receptor: C2866)				
** receptor	DISCCART	406787.50007137	3758937.49914461	416.60	1.50
	=B2908+1 (sensitive receptor: C2867)				
** receptor	DISCCART	406787.50007137	3758687.50003121	393.60	1.50
	=B2909+1 (sensitive receptor: C2868)				
** receptor	DISCCART	406787.50007137	3758637.50020853	380.50	1.50
	=B2910+1 (sensitive receptor: C2869)				
** receptor	DISCCART	406837.502871182	3758737.49985389	406.60	1.50
	=B2911+1 (sensitive receptor: C2870)				

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** receptor	DISCCART	406837.502871182	3758687.50003121	400.10	1.50
	=B2912+1 (sensitive receptor: C2871)				
** receptor	DISCCART	406837.502871182	3758637.50020853	387.00	1.50
	=B2913+1 (sensitive receptor: C2872)				
** receptor	DISCCART	406887.497425149	3758787.49967657	415.80	1.50
	=B2914+1 (sensitive receptor: C2873)				
** receptor	DISCCART	406887.497425149	3758737.49985389	406.60	1.50
	=B2915+1 (sensitive receptor: C2874)				
** receptor	DISCCART	406887.497425149	3758687.50003121	396.80	1.50
	=B2916+1 (sensitive receptor: C2875)				
** receptor	DISCCART	406887.497425149	3758637.50020853	383.70	1.50
	=B2917+1 (sensitive receptor: C2876)				
** receptor	DISCCART	406937.50022496	3758737.49985389	403.40	1.50
	=B2918+1 (sensitive receptor: C2877)				
** receptor	DISCCART	406937.50022496	3758687.50003121	393.50	1.50
	=B2919+1 (sensitive receptor: C2878)				
** receptor	DISCCART	406937.50022496	3758637.50020853	380.40	1.50
	=B2920+1 (sensitive receptor: C2879)				
** receptor	DISCCART	406987.503024771	3758737.49985389	403.40	1.50
	=B2921+1 (sensitive receptor: C2880)				
** receptor	DISCCART	406987.503024771	3758687.50003121	393.40	1.50
	=B2922+1 (sensitive receptor: C2881)				
** receptor	DISCCART	406987.503024771	3758637.50020853	377.30	1.50
	=B2923+1 (sensitive receptor: C2882)				
** receptor	DISCCART	407037.497578738	3758687.50003121	387.60	1.50
	=B2924+1 (sensitive receptor: C2883)				
** receptor	DISCCART	407037.497578738	3758637.50020853	380.60	1.50
	=B2925+1 (sensitive receptor: C2884)				
** receptor	DISCCART	407087.500378549	3758637.50020853	400.20	1.50
	=B2926+1 (sensitive receptor: C2885)				
** receptor	DISCCART	407137.50317836	3758637.50020853	409.40	1.50
	=B2927+1 (sensitive receptor: C2886)				
** receptor	DISCCART	407187.497732327	3758637.50020853	422.40	1.50
	=B2928+1 (sensitive receptor: C2887)				
** receptor	DISCCART	407237.500532139	3758637.50020853	438.80	1.50
	=B2929+1 (sensitive receptor: C2888)				
** receptor	DISCCART	407287.50333195	3758637.50020853	458.50	1.50
	=B2930+1 (sensitive receptor: C2889)				
** receptor	DISCCART	407337.497885917	3758637.50020853	474.90	1.50
	=B2931+1 (sensitive receptor: C2890)				
** receptor	DISCCART	407387.500685728	3758637.50020853	490.60	1.50
	=B2932+1 (sensitive receptor: C2891)				
** receptor	DISCCART	407437.495239695	3758637.50020853	505.10	1.50
	=B2933+1 (sensitive receptor: C2892)				
** receptor	DISCCART	407487.498039506	3758637.50020853	490.20	1.50
	=B2934+1 (sensitive receptor: C2893)				
** receptor	DISCCART	407537.500839317	3758637.50020853	0.00	1.50
	=B2935+1 (sensitive receptor: C2894)				
** receptor	DISCCART	407587.495393284	3758637.50020853	0.00	1.50
	=B2936+1 (sensitive receptor: C2895)				
** receptor	DISCCART	407637.498193095	3758637.50020853	0.00	1.50
	=B2937+1 (sensitive receptor: C2896)				
** receptor	DISCCART	407687.500992907	3758637.50020853	0.00	1.50
	=B2938+1 (sensitive receptor: C2897)				
** receptor	DISCCART	407737.495546874	3758637.50020853	0.00	1.50
	=B2939+1 (sensitive receptor: C2898)				
** receptor	DISCCART	407787.498346685	3758637.50020853	0.00	1.50
	=B2940+1 (sensitive receptor: C2899)				
** receptor	DISCCART	407837.501146496	3758637.50020853	0.00	1.50
	=B2941+1 (sensitive receptor: C2900)				
** receptor	DISCCART	407887.503946307	3758637.50020853	0.00	1.50
	=B2942+1 (sensitive receptor: C2901)				
** receptor	DISCCART	407937.498500274	3758637.50020853	0.00	1.50
	=B2943+1 (sensitive receptor: C2902)				
** receptor	DISCCART	407987.501300085	3758637.50020853	0.00	1.50
	=B2944+1 (sensitive receptor: C2903)				
** receptor	DISCCART	408037.495854052	3758637.50020853	0.00	1.50
	=B2945+1 (sensitive receptor: C2904)				
** receptor	DISCCART	408087.498653864	3758637.50020853	0.00	1.50
	=B2946+1 (sensitive receptor: C2905)				
** receptor	DISCCART	405987.496503612	3758637.50020853	314.90	1.50
	=B2947+1 (sensitive receptor: C2906)				
** receptor	DISCCART	405987.496503612	3758587.50038585	310.80	1.50
	=B2948+1 (sensitive receptor: C2907)				
** receptor	DISCCART	406037.499303424	3758637.50020853	318.20	1.50
	=B2949+1 (sensitive receptor: C2908)				

Appendix B

NOx Annual Emissions Unmitigated

** DISCCART	406037.499303424	3758587.50038585	314.10	1.50
** receptor	=B2950+1 (sensitive receptor: C2909)			
** DISCCART	406087.502103235	3758637.50020853	321.40	1.50
** receptor	=B2951+1 (sensitive receptor: C2910)			
** DISCCART	406087.502103235	3758587.50038585	318.10	1.50
** receptor	=B2952+1 (sensitive receptor: C2911)			
** DISCCART	406137.496657202	3758637.50020853	324.70	1.50
** receptor	=B2953+1 (sensitive receptor: C2912)			
** DISCCART	406137.496657202	3758587.50038585	321.40	1.50
** receptor	=B2954+1 (sensitive receptor: C2913)			
** DISCCART	406187.499457013	3758637.50020853	331.30	1.50
** receptor	=B2955+1 (sensitive receptor: C2914)			
** DISCCART	406187.499457013	3758587.50038585	327.30	1.50
** receptor	=B2956+1 (sensitive receptor: C2915)			
** DISCCART	406237.502256824	3758637.50020853	334.60	1.50
** receptor	=B2957+1 (sensitive receptor: C2916)			
** DISCCART	406237.502256824	3758587.50038585	333.80	1.50
** receptor	=B2958+1 (sensitive receptor: C2917)			
** DISCCART	406287.496810791	3758637.50020853	340.40	1.50
** receptor	=B2959+1 (sensitive receptor: C2918)			
** DISCCART	406287.496810791	3758587.50038585	340.40	1.50
** receptor	=B2960+1 (sensitive receptor: C2919)			
** DISCCART	406337.499610602	3758637.50020853	344.40	1.50
** receptor	=B2961+1 (sensitive receptor: C2920)			
** DISCCART	406337.499610602	3758587.50038585	344.40	1.50
** receptor	=B2962+1 (sensitive receptor: C2921)			
** DISCCART	406387.502410414	3758637.50020853	351.00	1.50
** receptor	=B2963+1 (sensitive receptor: C2922)			
** DISCCART	406387.502410414	3758587.50038585	347.70	1.50
** receptor	=B2964+1 (sensitive receptor: C2923)			
** DISCCART	406437.496964381	3758637.50020853	357.50	1.50
** receptor	=B2965+1 (sensitive receptor: C2924)			
** DISCCART	406437.496964381	3758587.50038585	354.20	1.50
** receptor	=B2966+1 (sensitive receptor: C2925)			
** DISCCART	406487.499764192	3758637.50020853	363.30	1.50
** receptor	=B2967+1 (sensitive receptor: C2926)			
** DISCCART	406487.499764192	3758587.50038585	357.50	1.50
** receptor	=B2968+1 (sensitive receptor: C2927)			
** DISCCART	406537.502564003	3758637.50020853	367.40	1.50
** receptor	=B2969+1 (sensitive receptor: C2928)			
** DISCCART	406537.502564003	3758587.50038585	363.30	1.50
** receptor	=B2970+1 (sensitive receptor: C2929)			
** DISCCART	406587.49711797	3758587.50038585	364.10	1.50
** receptor	=B2971+1 (sensitive receptor: C2930)			
** DISCCART	406737.497271559	3758587.50038585	373.80	1.50
** receptor	=B2972+1 (sensitive receptor: C2931)			
** DISCCART	406787.50007137	3758587.50038585	379.70	1.50
** receptor	=B2973+1 (sensitive receptor: C2932)			
** DISCCART	406837.502871182	3758587.50038585	371.10	1.50
** receptor	=B2974+1 (sensitive receptor: C2933)			
** DISCCART	406887.497425149	3758587.50038585	354.40	1.50
** receptor	=B2975+1 (sensitive receptor: C2934)			
** DISCCART	406937.50022496	3758587.50038585	380.60	1.50
** receptor	=B2976+1 (sensitive receptor: C2935)			
** DISCCART	406987.503024771	3758587.50038585	387.10	1.50
** receptor	=B2977+1 (sensitive receptor: C2936)			
** DISCCART	407037.497578738	3758587.50038585	399.50	1.50
** receptor	=B2978+1 (sensitive receptor: C2937)			
** DISCCART	407087.500378549	3758587.50038585	403.50	1.50
** receptor	=B2979+1 (sensitive receptor: C2938)			
** DISCCART	407137.50317836	3758587.50038585	413.30	1.50
** receptor	=B2980+1 (sensitive receptor: C2939)			
** DISCCART	407187.497732327	3758587.50038585	435.20	1.50
** receptor	=B2981+1 (sensitive receptor: C2940)			
** DISCCART	407237.500532139	3758587.50038585	451.90	1.50
** receptor	=B2982+1 (sensitive receptor: C2941)			
** DISCCART	407287.50333195	3758587.50038585	456.00	1.50
** receptor	=B2983+1 (sensitive receptor: C2942)			
** DISCCART	407337.497885917	3758587.50038585	471.70	1.50
** receptor	=B2984+1 (sensitive receptor: C2943)			
** DISCCART	407387.500685728	3758587.50038585	493.10	1.50
** receptor	=B2985+1 (sensitive receptor: C2944)			
** DISCCART	407437.495239695	3758587.50038585	507.70	1.50
** receptor	=B2986+1 (sensitive receptor: C2945)			
** DISCCART	407487.498039506	3758587.50038585	496.70	1.50
** receptor	=B2987+1 (sensitive receptor: C2946)			

Appendix B

NOx Annual Emissions Unmitigated

** receptor	DISCCART 407537.500839317 3758587.50038585 0.00 1.50
** receptor	=B2988+1 (sensitive receptor: C2947)
** receptor	DISCCART 407587.495393284 3758587.50038585 0.00 1.50
** receptor	=B2989+1 (sensitive receptor: C2948)
** receptor	DISCCART 407637.498193095 3758587.50038585 0.00 1.50
** receptor	=B2990+1 (sensitive receptor: C2949)
** receptor	DISCCART 407687.500992907 3758587.50038585 0.00 1.50
** receptor	=B2991+1 (sensitive receptor: C2950)
** receptor	DISCCART 407737.495546874 3758587.50038585 0.00 1.50
** receptor	=B2992+1 (sensitive receptor: C2951)
** receptor	DISCCART 407787.498346685 3758587.50038585 0.00 1.50
** receptor	=B2993+1 (sensitive receptor: C2952)
** receptor	DISCCART 407837.501146496 3758587.50038585 0.00 1.50
** receptor	=B2994+1 (sensitive receptor: C2953)
** receptor	DISCCART 407887.503946307 3758587.50038585 0.00 1.50
** receptor	=B2995+1 (sensitive receptor: C2954)
** receptor	DISCCART 407937.498500274 3758587.50038585 0.00 1.50
** receptor	=B2996+1 (sensitive receptor: C2955)
** receptor	DISCCART 407987.501300085 3758587.50038585 0.00 1.50
** receptor	=B2997+1 (sensitive receptor: C2956)
** receptor	DISCCART 408037.495854052 3758587.50038585 0.00 1.50
** receptor	=B2998+1 (sensitive receptor: C2957)
** receptor	DISCCART 408087.498653864 3758587.50038585 0.00 1.50
** CENSUS BLOCK RECEPTORS	
** receptor	CE001 (census block: BLK408506021)
** receptor	DISCCART 408749.806007506 3760427.54857406 0.00 0.00
** receptor	CE002 (census block: BLK408506022)
** receptor	DISCCART 408576.447507959 3760430.48997928 0.00 0.00
** receptor	CE003 (census block: BLK408506023)
** receptor	DISCCART 408341.802356354 3760655.27152249 0.00 0.00
** receptor	CE004 (census block: BLK408506024)
** receptor	DISCCART 408422.133849846 3760726.40898221 0.00 0.00
** receptor	CE005 (census block: BLK408506025)
** receptor	DISCCART 408512.511209633 3760597.35762377 0.00 0.00
** receptor	CE006 (census block: BLK408506026)
** receptor	DISCCART 408737.147770783 3760284.26416171 0.00 0.00
** receptor	CE007 (census block: BLK500204000)
** receptor	DISCCART 407589.230892095 3757492.83437839 0.00 0.00
** receptor	CE008 (census block: BLK500205000)
** receptor	DISCCART 406297.845135922 3757662.03464915 285.40 0.00
** receptor	CE009 (census block: BLK500205002)
** receptor	DISCCART 406584.226588385 3757389.73804016 259.10 0.00
** receptor	CE010 (census block: BLK500206000)
** receptor	DISCCART 407118.838102641 3757983.49210563 374.60 0.00
** receptor	CE011 (census block: BLK500206001)
** receptor	DISCCART 406874.273114441 3758349.69729429 380.50 0.00
** receptor	CE012 (census block: BLK500206002)
** receptor	DISCCART 406620.194570995 3758320.89375412 351.20 0.00
** receptor	CE013 (census block: BLK500206003)
** receptor	DISCCART 406622.538542243 3757771.77868935 308.70 0.00
** receptor	CE014 (census block: BLK500206004)
** receptor	DISCCART 406913.04327271 3757488.0297645 284.30 0.00
** receptor	CE015 (census block: BLK500206005)
** receptor	DISCCART 406700.61374404 3757538.34383004 285.70 0.00
** receptor	CE016 (census block: BLK500206006)
** receptor	DISCCART 407066.218777817 3757290.66451125 282.70 0.00
** receptor	CE017 (census block: BLK500206007)
** receptor	DISCCART 407127.283156841 3757406.39871061 301.70 0.00
** receptor	CE018 (census block: BLK500211003)
** receptor	DISCCART 408971.490403303 3759219.36440925 0.00 0.00
** receptor	CE019 (census block: BLK500211005)
** receptor	DISCCART 408922.461109132 3758958.82823152 0.00 0.00
** receptor	CE020 (census block: BLK500211006)
** receptor	DISCCART 408826.497851097 3758875.99205586 0.00 0.00
** receptor	CE021 (census block: BLK500211007)
** receptor	DISCCART 409072.446211828 3758868.12882921 0.00 0.00
** receptor	CE022 (census block: BLK500211009)
** receptor	DISCCART 408994.970734935 3758728.42800494 0.00 0.00
** receptor	CE023 (census block: BLK500211010)
** receptor	DISCCART 408227.331322753 3758224.39308564 0.00 0.00
** receptor	CE024 (census block: BLK500211011)
** receptor	DISCCART 408139.692864938 3758492.59557442 0.00 0.00
** receptor	CE025 (census block: BLK500211012)
** receptor	DISCCART 408581.968092922 3758154.12672608 0.00 0.00

Appendix B

NOx Annual Emissions Unmitigated

** receptor CE026 (census block: BLK500211014)
DISCCART 408461.584808023 3758025.84274235 0.00 0.00

** receptor CE027 (census block: BLK500211016)
DISCCART 407729.400128099 3758130.66335171 0.00 0.00

** receptor CE028 (census block: BLK500211017)
DISCCART 407645.410164862 3757976.23037572 0.00 0.00

** receptor CE029 (census block: BLK500211018)
DISCCART 407482.906231318 3757723.57574838 429.40 0.00

** receptor CE030 (census block: BLK501602000)
DISCCART 405320.372409447 3759819.90359013 397.10 0.00

** receptor CE031 (census block: BLK501603000)
DISCCART 405904.105071521 3759261.60693193 408.60 0.00

** receptor CE032 (census block: BLK501603001)
DISCCART 405691.519376126 3759433.35673872 446.10 0.00

** receptor CE033 (census block: BLK501603002)
DISCCART 405617.361162259 3759631.22815867 541.60 0.00

** receptor CE034 (census block: BLK501603003)
DISCCART 405524.653957262 3759523.85635574 432.00 0.00

** receptor CE035 (census block: BLK501603004)
DISCCART 405402.384335292 3759491.65726032 423.30 0.00

** receptor CE036 (census block: BLK501603005)
DISCCART 405646.010602342 3759322.97573433 394.10 0.00

** receptor CE037 (census block: BLK501603006)
DISCCART 405616.324715491 3759173.51836785 344.40 0.00

** receptor CE038 (census block: BLK501603007)
DISCCART 405512.622295278 3759095.02231357 321.40 0.00

** receptor CE039 (census block: BLK501603008)
DISCCART 405377.460981122 3759043.06949407 311.60 0.00

** receptor CE040 (census block: BLK501603009)
DISCCART 405466.316435546 3758975.76639931 308.30 0.00

** receptor CE041 (census block: BLK501603010)
DISCCART 405527.847444175 3758925.23486247 308.30 0.00

** receptor CE042 (census block: BLK501604000)
DISCCART 406550.621988931 3758915.09035494 380.50 0.00

** receptor CE043 (census block: BLK501604001)
DISCCART 406480.474429338 3759093.03218777 403.40 0.00

** receptor CE044 (census block: BLK501604002)
DISCCART 406259.70283558 3759222.54652611 424.70 0.00

** receptor CE045 (census block: BLK501604003)
DISCCART 406195.819017176 3759106.84555469 396.80 0.00

** receptor CE046 (census block: BLK501604004)
DISCCART 406070.236447137 3759025.17598326 370.80 0.00

** receptor CE047 (census block: BLK501604005)
DISCCART 405757.637016656 3758922.94604871 332.60 0.00

** receptor CE048 (census block: BLK501604006)
DISCCART 405844.377372919 3758855.24464319 330.80 0.00

** receptor CE049 (census block: BLK501604007)
DISCCART 406318.111493656 3758856.0474567 363.50 0.00

** receptor CE050 (census block: BLK501604008)
DISCCART 406403.525988595 3759010.45523479 390.70 0.00

** receptor CE051 (census block: BLK501609006)
DISCCART 406352 3759038.6 393.70 0.00

** receptor CE052 (census block: BLK501609007)
DISCCART 406045.007458668 3760461.19387418 629.80 0.00

** receptor CE053 (census block: BLK501609021)
DISCCART 407358.288904366 3758534.46922479 485.40 0.00

** receptor CE054 (census block: BLK501609022)
DISCCART 407261.672811583 3758458.84625731 476.20 0.00

** receptor CE055 (census block: BLK501701000)
DISCCART 406506.829211421 3758549.17860801 357.50 0.00

** receptor CE056 (census block: BLK501701001)
DISCCART 406457.905253804 3758377.91144033 344.40 0.00

** receptor CE057 (census block: BLK501701002)
DISCCART 406301.702564465 3758551.205023 341.10 0.00

** receptor CE058 (census block: BLK501701003)
DISCCART 406205.033192867 3758613.50092079 331.30 0.00

** receptor CE059 (census block: BLK501701004)
DISCCART 406115.409823153 3758675.30499346 328.00 0.00

** receptor CE060 (census block: BLK501701005)
DISCCART 406028.60716936 3758737.08197694 328.00 0.00

** receptor CE061 (census block: BLK501701006)
DISCCART 405938.281214678 3758798.89477874 330.90 0.00

** receptor CE062 (census block: BLK501701007)
DISCCART 405736.732356176 3758451.4745756 278.80 0.00

** receptor CE063 (census block: BLK501701008)
DISCCART 405814.426647488 3758395.28490412 281.70 0.00

Appendix B

NOx Annual Emissions Unmitigated

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** receptor CE064 (census block: BLK501702000)
DISCCART 406257.679183628 3758091.80695965 317.50 0.00
** receptor CE065 (census block: BLK501702001)
DISCCART 406166.640545947 3758153.62433368 311.60 0.00
** receptor CE066 (census block: BLK501702002)
DISCCART 405932.301123578 3758196.55870925 288.60 0.00
** receptor CE067 (census block: BLK501702003)
DISCCART 406072.199550461 3758298.81329292 305.00 0.00
** receptor CE068 (census block: BLK501702004)
DISCCART 405823.105818611 3758062.69666328 275.50 0.00
** receptor CE069 (census block: BLK501702005)
DISCCART 405911.268844127 3757995.40511402 282.10 0.00
** receptor CE070 (census block: BLK501702006)
DISCCART 405982.128243211 3757889.36732389 285.40 0.00
** receptor CE071 (census block: BLK501702009)
DISCCART 405799.168562158 3757924.1806304 268.90 0.00
** receptor CE072 (census block: BLK501703000)
DISCCART 405647.799750434 3758653.29948119 291.60 0.00
** receptor CE073 (census block: BLK501703001)
DISCCART 405489.147947858 3758508.51203456 269.00 0.00
** receptor CE074 (census block: BLK501703002)
DISCCART 405436.440211818 3758454.46693022 262.40 0.00
** receptor CE075 (census block: BLK501703003)
DISCCART 405455.721934976 3758337.9409465 257.80 0.00
** receptor CE076 (census block: BLK501703008)
DISCCART 405549.158243318 3758092.92026298 252.60 0.00
** receptor CE077 (census block: BLK501703009)
DISCCART 405661.882628257 3758014.3827463 259.10 0.00
** receptor CE078 (census block: BLK501704000)
DISCCART 405479.717684811 3758764.54001026 290.90 0.00
** receptor CE079 (census block: BLK501704001)
DISCCART 405359.158071486 3758904.49796325 297.30 0.00
** receptor CE080 (census block: BLK501704002)
DISCCART 405170.69339449 3759021.02430729 308.30 0.00
** receptor CE081 (census block: BLK501704003)
DISCCART 405201.970281093 3758906.06962733 295.20 0.00
** receptor CE082 (census block: BLK501704004)
DISCCART 405349.866985966 3758821.25356942 288.60 0.00
** receptor CE083 (census block: BLK501704005)
DISCCART 405215.443840128 3758773.10283891 282.10 0.00
** receptor CE084 (census block: BLK501704008)
DISCCART 405359.746481381 3758681.13144629 275.50 0.00
** receptor CE085 (census block: BLK501704009)
DISCCART 405435.368442973 3758629.6125628 275.50 0.00
** receptor CE086 (census block: BLK501804000)
DISCCART 405236.452045736 3759463.70375868 368.70 0.00
** receptor CE087 (census block: BLK501804001)
DISCCART 405212.37968725 3759382.72247012 352.60 0.00
** receptor CE088 (census block: BLK501804009)
DISCCART 405186.175462272 3759300.07045068 343.50 0.00
** receptor CE089 (census block: BLK501804011)
DISCCART 405257.372829785 3759088.68814387 314.90 0.00
** receptor CE090 (census block: BLK501609001)
DISCCART 408456.668426364 3760361.84764575 0.00 0.00
** receptor CE091 (census block: BLK501609002)
DISCCART 408269.975683699 3760516.36774435 0.00 0.00
** receptor CE092 (census block: BLK501609003)
DISCCART 407367.835528453 3760879.65008316 1026.70 0.00
** receptor CE093 (census block: BLK501609004)
DISCCART 408322.620179824 3760275.57773676 0.00 0.00
** receptor CE094 (census block: BLK501609005)
DISCCART 408794.360235931 3759930.90793989 0.00 0.00
** receptor CE095 (census block: BLK501609008)
DISCCART 406130.797262568 3760014.46792851 584.40 0.00

```

RE FINISHED

ME STARTING

```

INPUTFIL c:\ISC\whittier.asc
ANEMHGHT 10 METERS
SURFDATA 53114 81 LosAngeles
UAIRDATA 91919 81 LosAngeles
STARTEND 81 1 1 81 12 31

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Appendix B

NOx Annual Emissions Unmitigated

ME FINISHED

OU STARTING

PLOTFILE annual 1 c:\ISC\WHI_NOa.PLT

OU FINISHED

*** Message Summary For ISC3 Model Setup ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 0 Informational Message(s)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****

ME W360 7444 SET_WI:2-Digit Year Specified: Valid for Range 1950-2049 SURFDATA
RE W282 7437 CHK_EL:RecElev < SrcBase; See non-DEFAULT HE>ZI option in MCB#9

*** SETUP Finishes Successfully ***

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS ANNUAL NOx emissions *** 11:06:58
**MODELOPTs: PAGE 1
CONC URBAN ELEV FLGPOL NOCALM

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**NO GAS DRY DEPOSITION Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses User-Specified Options:
1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Not Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.

**Model Accepts Receptors on ELEV Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

**This Run Includes: 4 Source(s); 1 Source Group(s); and 3690 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

Appendix B

NOx Annual Emissions Unmitigated

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.4 MB of RAM.

**Input Runstream File: WHI_NOa.inp
 **Output Print File: WHI_NOa.out
 **Detailed Error/Message File: c:\ISC\zERROR.ERR

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions *** 11:06:58

**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 2

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
1	0	0.94000E-01	407065.0	3759568.0	150.9	12.20	1050.00	3.70	1.80	NO	
2	0	0.13000E-01	407085.0	3759498.0	150.9	6.10	565.00	2.80	0.25	NO	
3	0	0.11000E-01	407085.0	3759498.0	150.9	6.10	565.00	2.80	0.50	NO	
4	0	0.39700E+00	407130.0	3759340.0	147.8	4.00	783.00	3.60	0.20	NO	

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions *** 11:06:58

**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 3

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

1 1, 2, 3, 4
 • *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions *** 11:06:58

**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 4

*** DISCRETE CARTESIAN RECEPTORS *** (X-COORD, Y-COORD, ZELEV, ZFLAG) (METERS)

(409779.5, 3759787.5, 0.0, 1.5);	(409779.3, 3759762.5, 0.0, 1.5);
(409779.2, 3759737.5, 0.0, 1.5);	(409779.0, 3759712.5, 0.0, 1.5);
(409778.9, 3759687.5, 0.0, 1.5);	(409778.7, 3759662.5, 0.0, 1.5);
(409778.5, 3759637.5, 0.0, 1.5);	(409778.4, 3759612.5, 0.0, 1.5);
(409778.2, 3759587.5, 0.0, 1.5);	(409778.1, 3759562.5, 0.0, 1.5);
(409777.9, 3759537.5, 0.0, 1.5);	(409777.7, 3759512.5, 0.0, 1.5);
(409777.6, 3759487.5, 0.0, 1.5);	(409777.4, 3759462.5, 0.0, 1.5);
(409777.3, 3759437.5, 0.0, 1.5);	(409777.1, 3759412.5, 0.0, 1.5);
(409776.9, 3759387.5, 0.0, 1.5);	(409776.8, 3759362.5, 0.0, 1.5);
(409776.6, 3759337.5, 0.0, 1.5);	(409776.4, 3759312.5, 0.0, 1.5);
(409776.3, 3759287.5, 0.0, 1.5);	(409776.1, 3759262.5, 0.0, 1.5);
(409775.9, 3759237.5, 0.0, 1.5);	(409775.7, 3759212.5, 0.0, 1.5);
(409775.4, 3759187.5, 0.0, 1.5);	(409775.1, 3759162.5, 0.0, 1.5);
(409774.8, 3759137.5, 0.0, 1.5);	(409774.6, 3759112.5, 0.0, 1.5);
(409774.3, 3759087.5, 0.0, 1.5);	(409774.0, 3759062.5, 0.0, 1.5);
(409773.8, 3759037.5, 0.0, 1.5);	(409765.3, 3759020.3, 0.0, 1.5);
(409740.3, 3759020.5, 0.0, 1.5);	(409715.3, 3759021.0, 0.0, 1.5);
(409690.3, 3759021.3, 0.0, 1.5);	(409665.3, 3759021.5, 0.0, 1.5);
(409640.3, 3759021.8, 0.0, 1.5);	(409615.3, 3759022.3, 0.0, 1.5);
(409590.3, 3759022.5, 0.0, 1.5);	(409565.3, 3759022.8, 0.0, 1.5);
(409540.3, 3759023.3, 0.0, 1.5);	(409515.3, 3759024.3, 0.0, 1.5);
(409490.3, 3759025.3, 0.0, 1.5);	(409465.3, 3759026.5, 0.0, 1.5);
(409440.3, 3759027.0, 0.0, 1.5);	(409415.3, 3759027.8, 0.0, 1.5);

Appendix B

NOx Annual Emissions Unmitigated

(409390.3, 3759027.8, 0.0, 1.5);	(409365.3, 3759028.5, 0.0, 1.5);
(409340.3, 3759029.0, 0.0, 1.5);	(409315.4, 3759029.5, 0.0, 1.5);
(409290.4, 3759030.0, 0.0, 1.5);	(409265.4, 3759030.5, 0.0, 1.5);
(409240.4, 3759031.0, 0.0, 1.5);	(409215.4, 3759031.5, 0.0, 1.5);
(409190.4, 3759032.0, 0.0, 1.5);	(409165.4, 3759032.5, 0.0, 1.5);
(409140.4, 3759033.0, 0.0, 1.5);	(409115.4, 3759033.5, 0.0, 1.5);
(409090.4, 3759034.0, 0.0, 1.5);	(409065.4, 3759034.5, 0.0, 1.5);
(409040.4, 3759035.0, 0.0, 1.5);	(409015.4, 3759035.5, 0.0, 1.5);
(408990.4, 3759036.3, 0.0, 1.5);	(408965.4, 3759036.8, 0.0, 1.5);
(408940.4, 3759037.3, 0.0, 1.5);	(408915.4, 3759037.8, 0.0, 1.5);
(408890.5, 3759038.3, 0.0, 1.5);	(408865.5, 3759038.8, 0.0, 1.5);
(408840.5, 3759039.3, 0.0, 1.5);	(408815.5, 3759039.8, 0.0, 1.5);
(408790.5, 3759040.3, 0.0, 1.5);	(408765.5, 3759040.8, 0.0, 1.5);
(408740.5, 3759041.3, 0.0, 1.5);	(408715.5, 3759041.8, 0.0, 1.5);
(408690.5, 3759042.3, 0.0, 1.5);	(408665.5, 3759042.8, 0.0, 1.5);
(408640.5, 3759043.3, 0.0, 1.5);	(408615.5, 3759043.8, 0.0, 1.5);
(408590.5, 3759044.5, 0.0, 1.5);	(408581.9, 3759028.8, 0.0, 1.5);
(408581.6, 3759004.0, 0.0, 1.5);	(408581.3, 3758979.0, 0.0, 1.5);
(408581.0, 3758954.0, 0.0, 1.5);	(408580.7, 3758929.0, 0.0, 1.5);
(408580.3, 3758904.0, 0.0, 1.5);	(408580.0, 3758879.0, 0.0, 1.5);
(408579.7, 3758854.0, 0.0, 1.5);	(408579.4, 3758829.0, 0.0, 1.5);
(408579.1, 3758804.0, 0.0, 1.5);	(408578.8, 3758779.0, 0.0, 1.5);

* *** ISCS3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT ANALYSIS ANNUAL NOx emissions ***

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(408578.4, 3758754.0, 0.0, 1.5);	(408578.1, 3758729.0, 0.0, 1.5);
(408567.8, 3758707.5, 0.0, 1.5);	(408550.7, 3758689.5, 0.0, 1.5);
(408533.6, 3758671.3, 0.0, 1.5);	(408513.8, 3758658.5, 0.0, 1.5);
(408488.8, 3758658.8, 0.0, 1.5);	(408463.8, 3758659.3, 0.0, 1.5);
(408438.8, 3758659.8, 0.0, 1.5);	(408413.8, 3758660.3, 0.0, 1.5);
(408388.8, 3758660.5, 0.0, 1.5);	(408363.8, 3758661.0, 0.0, 1.5);
(408338.8, 3758661.5, 0.0, 1.5);	(408313.8, 3758662.0, 0.0, 1.5);
(408288.8, 3758662.5, 0.0, 1.5);	(408263.8, 3758662.8, 0.0, 1.5);
(408238.8, 3758663.3, 0.0, 1.5);	(408213.8, 3758663.8, 0.0, 1.5);
(408188.8, 3758664.3, 0.0, 1.5);	(408163.8, 3758664.5, 0.0, 1.5);
(408138.8, 3758665.0, 0.0, 1.5);	(408113.8, 3758665.5, 0.0, 1.5);
(408088.8, 3758666.0, 0.0, 1.5);	(408063.8, 3758666.3, 0.0, 1.5);
(408038.8, 3758666.8, 0.0, 1.5);	(408013.8, 3758667.3, 0.0, 1.5);
(407988.8, 3758667.8, 0.0, 1.5);	(407963.8, 3758668.3, 0.0, 1.5);
(407938.8, 3758668.5, 0.0, 1.5);	(407913.9, 3758669.0, 0.0, 1.5);
(407888.9, 3758669.5, 0.0, 1.5);	(407863.9, 3758670.0, 0.0, 1.5);
(407838.9, 3758670.3, 0.0, 1.5);	(407813.9, 3758670.8, 0.0, 1.5);
(407788.9, 3758671.3, 0.0, 1.5);	(407763.9, 3758671.8, 0.0, 1.5);
(407738.9, 3758672.3, 0.0, 1.5);	(407713.9, 3758672.5, 0.0, 1.5);
(407688.9, 3758673.0, 0.0, 1.5);	(407663.9, 3758673.5, 0.0, 1.5);
(407638.9, 3758674.0, 0.0, 1.5);	(407613.9, 3758674.3, 0.0, 1.5);
(407588.9, 3758674.8, 0.0, 1.5);	(407563.9, 3758675.3, 0.0, 1.5);
(407538.9, 3758675.8, 0.0, 1.5);	(407513.9, 3758676.3, 148.4, 1.5);
(407488.9, 3758676.8, 153.9, 1.5);	(407464.0, 3758678.0, 155.0, 1.5);
(407439.0, 3758679.3, 154.8, 1.5);	(407414.0, 3758680.8, 152.1, 1.5);
(407389.1, 3758682.0, 149.9, 1.5);	(407364.1, 3758683.3, 147.4, 1.5);
(407339.1, 3758684.8, 144.2, 1.5);	(407314.2, 3758686.0, 141.5, 1.5);
(407289.2, 3758687.3, 139.9, 1.5);	(407264.2, 3758688.8, 137.3, 1.5);
(407239.3, 3758690.0, 135.7, 1.5);	(407214.3, 3758691.3, 133.9, 1.5);
(407189.3, 3758692.8, 128.4, 1.5);	(407164.4, 3758694.0, 122.0, 1.5);
(407139.4, 3758695.3, 116.4, 1.5);	(407114.4, 3758696.5, 115.0, 1.5);
(407089.5, 3758698.0, 117.0, 1.5);	(407065.7, 3758703.5, 120.1, 1.5);
(407045.1, 3758717.8, 122.0, 1.5);	(407024.6, 3758731.8, 123.0, 1.5);
(407004.0, 3758746.0, 123.8, 1.5);	(406983.5, 3758760.3, 125.2, 1.5);
(406962.9, 3758774.5, 126.6, 1.5);	(406942.4, 3758788.8, 127.1, 1.5);
(406921.8, 3758803.0, 127.6, 1.5);	(406901.3, 3758817.3, 127.1, 1.5);
(406883.9, 3758804.5, 124.4, 1.5);	(406866.5, 3758786.5, 124.2, 1.5);
(406849.1, 3758768.5, 124.7, 1.5);	(406828.8, 3758753.8, 123.2, 1.5);
(406808.6, 3758739.0, 122.3, 1.5);	(406788.4, 3758724.5, 120.0, 1.5);
(406768.1, 3758709.8, 118.3, 1.5);	(406747.9, 3758695.0, 116.8, 1.5);
(406730.0, 3758678.5, 116.0, 1.5);	(406718.0, 3758656.8, 115.8, 1.5);
(406705.9, 3758634.8, 115.0, 1.5);	(406693.9, 3758612.8, 112.8, 1.5);
(406681.8, 3758591.0, 111.2, 1.5);	(406667.5, 3758575.5, 110.0, 1.5);
(406646.6, 3758589.3, 110.0, 1.5);	(406625.6, 3758603.0, 111.0, 1.5);

Appendix B

NOx Annual Emissions Unmitigated

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( 406625.5, 3758621.5, 111.4, 1.5); ( 406639.1, 3758642.5, 111.5, 1.5);
. *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS ANNUAL NOx emissions *** 11:06:58
**MODELOPTs: **
CONC URBAN ELEV FLGPOL NOCALM PAGE 6
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*** DISCRETE CARTESIAN RECEPTORS *** (X-COORD, Y-COORD, ZELEV, ZFLAG) (METERS)

(406652.7, 3758663.5, 112.8, 1.5);	(406666.3, 3758684.5, 113.8, 1.5);
(406679.8, 3758705.5, 115.7, 1.5);	(406693.4, 3758726.5, 116.5, 1.5);
(406707.0, 3758747.5, 117.0, 1.5);	(406720.8, 3758768.0, 117.0, 1.5);
(406700.3, 3758782.0, 118.9, 1.5);	(406681.7, 3758797.3, 119.9, 1.5);
(406695.6, 3758818.0, 120.0, 1.5);	(406709.5, 3758839.0, 121.1, 1.5);
(406723.4, 3758859.8, 121.7, 1.5);	(406737.3, 3758880.5, 122.2, 1.5);
(406756.8, 3758895.5, 122.7, 1.5);	(406778.3, 3758908.5, 124.1, 1.5);
(406799.7, 3758921.3, 126.3, 1.5);	(406821.2, 3758934.3, 126.9, 1.5);
(406831.0, 3758956.3, 127.7, 1.5);	(406839.8, 3758979.8, 128.2, 1.5);
(406848.5, 3759003.3, 131.2, 1.5);	(406844.1, 3759021.8, 134.1, 1.5);
(406823.4, 3759035.8, 139.6, 1.5);	(406802.6, 3759049.8, 140.4, 1.5);
(406781.9, 3759063.8, 140.6, 1.5);	(406761.2, 3759077.8, 141.0, 1.5);
(406740.4, 3759091.5, 135.8, 1.5);	(406747.5, 3759112.5, 136.4, 1.5);
(406760.2, 3759134.0, 137.4, 1.5);	(406747.8, 3759150.0, 134.5, 1.5);
(406732.2, 3759166.5, 133.0, 1.5);	(406714.7, 3759177.0, 134.0, 1.5);
(406693.6, 3759190.5, 135.7, 1.5);	(406672.5, 3759204.0, 136.6, 1.5);
(406651.4, 3759217.3, 137.9, 1.5);	(406630.3, 3759230.8, 138.3, 1.5);
(406609.3, 3759244.3, 138.6, 1.5);	(406588.2, 3759257.8, 138.8, 1.5);
(406567.1, 3759271.0, 138.2, 1.5);	(406546.0, 3759284.5, 138.7, 1.5);
(406524.9, 3759298.0, 139.0, 1.5);	(406503.8, 3759311.5, 138.6, 1.5);
(406482.8, 3759324.8, 138.8, 1.5);	(406461.7, 3759338.3, 139.2, 1.5);
(406440.6, 3759351.8, 139.4, 1.5);	(406419.5, 3759365.3, 140.0, 1.5);
(406398.4, 3759378.5, 142.1, 1.5);	(406377.0, 3759392.3, 145.2, 1.5);
(406375.7, 3759417.3, 145.8, 1.5);	(406374.3, 3759442.3, 147.8, 1.5);
(406372.9, 3759467.3, 148.7, 1.5);	(406351.5, 3759469.5, 153.7, 1.5);
(406326.5, 3759468.8, 156.4, 1.5);	(406301.6, 3759468.0, 157.9, 1.5);
(406276.6, 3759467.3, 156.6, 1.5);	(406251.6, 3759466.5, 155.1, 1.5);
(406226.6, 3759465.8, 154.5, 1.5);	(406201.6, 3759465.0, 152.2, 1.5);
(406176.6, 3759464.3, 144.0, 1.5);	(406171.3, 3759484.5, 138.1, 1.5);
(406171.6, 3759509.5, 134.5, 1.5);	(406171.9, 3759534.5, 135.8, 1.5);
(406172.2, 3759559.5, 139.3, 1.5);	(406172.5, 3759584.5, 144.2, 1.5);
(406172.8, 3759609.5, 148.9, 1.5);	(406173.0, 3759634.5, 153.2, 1.5);
(406173.3, 3759659.5, 155.1, 1.5);	(406173.6, 3759684.5, 161.7, 1.5);
(406173.8, 3759709.5, 161.8, 1.5);	(406174.1, 3759734.5, 159.6, 1.5);
(406174.4, 3759759.5, 165.0, 1.5);	(406174.7, 3759784.5, 164.0, 1.5);
(406175.0, 3759809.5, 160.6, 1.5);	(406175.2, 3759834.5, 161.2, 1.5);
(406175.5, 3759859.5, 158.1, 1.5);	(406152.3, 3759859.5, 152.3, 1.5);
(406127.3, 3759859.0, 150.0, 1.5);	(406102.3, 3759858.3, 151.7, 1.5);
(406077.4, 3759857.5, 167.1, 1.5);	(406052.4, 3759856.8, 183.9, 1.5);
(406041.3, 3759871.0, 182.3, 1.5);	(406041.6, 3759896.0, 181.5, 1.5);
(406041.8, 3759921.0, 180.7, 1.5);	(406042.1, 3759946.0, 198.9, 1.5);
(406042.4, 3759971.0, 210.3, 1.5);	(406067.3, 3759972.5, 206.4, 1.5);
(406092.3, 3759973.5, 197.1, 1.5);	(406117.3, 3759974.3, 181.6, 1.5);
(406142.3, 3759975.0, 167.6, 1.5);	(406167.3, 3759975.8, 152.9, 1.5);
(406187.2, 3759980.8, 154.5, 1.5);	(406187.4, 3760005.8, 155.0, 1.5);
. *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11	
*** ANALYSIS ANNUAL NOx emissions *** 11:06:58	
**MODELOPTs: **	
CONC URBAN ELEV FLGPOL NOCALM PAGE 7	

*** DISCRETE CARTESIAN RECEPTORS *** (X-COORD, Y-COORD, ZELEV, ZFLAG) (METERS)

(406187.7, 3760030.8, 156.3, 1.5);	(406188.0, 3760055.8, 159.2, 1.5);
(406188.3, 3760080.8, 168.7, 1.5);	(406188.5, 3760105.8, 184.7, 1.5);
(406188.8, 3760130.8, 184.8, 1.5);	(406189.1, 3760155.8, 177.6, 1.5);
(406189.3, 3760180.8, 189.5, 1.5);	(406189.6, 3760205.8, 203.7, 1.5);
(406189.9, 3760230.8, 214.5, 1.5);	(406190.1, 3760255.5, 217.2, 1.5);
(406198.2, 3760273.8, 216.3, 1.5);	(406223.2, 3760274.5, 222.0, 1.5);
(406248.2, 3760275.3, 221.6, 1.5);	(406270.6, 3760282.0, 219.7, 1.5);
(406289.8, 3760298.3, 219.2, 1.5);	(406308.9, 3760314.3, 229.1, 1.5);
(406328.1, 3760330.3, 234.6, 1.5);	(406347.3, 3760346.3, 239.6, 1.5);
(406366.4, 3760362.3, 239.2, 1.5);	(406385.6, 3760378.5, 231.6, 1.5);

Appendix B

NOx Annual Emissions Unmitigated

(406404.8, 3760394.5,	232.6,	1.5);	(406423.9, 3760410.5,	231.4,	1.5);
(406438.6, 3760430.5,	241.2,	1.5);	(406453.1, 3760451.0,	251.2,	1.5);
(406464.5, 3760468.5,	257.6,	1.5);	(406439.7, 3760465.8,	258.3,	1.5);
(406414.8, 3760462.8,	259.4,	1.5);	(406390.3, 3760458.3,	259.9,	1.5);
(406366.0, 3760452.8,	258.2,	1.5);	(406354.5, 3760461.8,	257.9,	1.5);
(406362.3, 3760484.3,	243.0,	1.5);	(406383.8, 3760497.0,	241.5,	1.5);
(406405.2, 3760509.8,	241.7,	1.5);	(406422.6, 3760527.5,	238.0,	1.5);
(406440.1, 3760545.5,	239.7,	1.5);	(406459.6, 3760554.3,	253.9,	1.5);
(406482.2, 3760543.5,	262.8,	1.5);	(406504.8, 3760532.8,	271.7,	1.5);
(406527.3, 3760522.0,	276.6,	1.5);	(406549.9, 3760511.3,	280.4,	1.5);
(406572.5, 3760500.5,	285.3,	1.5);	(406596.6, 3760494.8,	289.0,	1.5);
(406621.1, 3760489.8,	289.3,	1.5);	(406645.0, 3760486.8,	298.0,	1.5);
(406667.1, 3760498.5,	299.9,	1.5);	(406684.1, 3760513.0,	295.6,	1.5);
(406685.7, 3760538.0,	290.1,	1.5);	(406687.4, 3760563.0,	286.9,	1.5);
(406689.1, 3760587.8,	282.9,	1.5);	(406690.7, 3760612.8,	276.2,	1.5);
(406692.4, 3760637.8,	274.7,	1.5);	(406694.1, 3760662.8,	278.7,	1.5);
(406695.7, 3760687.8,	282.5,	1.5);	(406694.0, 3760710.8,	283.4,	1.5);
(406675.7, 3760727.8,	282.9,	1.5);	(406657.3, 3760744.8,	283.2,	1.5);
(406638.9, 3760761.8,	279.8,	1.5);	(406620.6, 3760778.8,	277.1,	1.5);
(406600.1, 3760790.5,	277.5,	1.5);	(406575.3, 3760793.8,	278.5,	1.5);
(406550.5, 3760796.8,	277.8,	1.5);	(406525.7, 3760800.0,	277.4,	1.5);
(406500.9, 3760803.3,	276.6,	1.5);	(406478.0, 3760812.0,	274.0,	1.5);
(406457.2, 3760826.0,	272.4,	1.5);	(406436.4, 3760839.8,	271.5,	1.5);
(406415.5, 3760853.5,	268.9,	1.5);	(406392.3, 3760856.3,	265.3,	1.5);
(406367.4, 3760853.8,	265.3,	1.5);	(406342.5, 3760851.3,	264.1,	1.5);
(406317.7, 3760848.8,	263.7,	1.5);	(406292.8, 3760846.0,	263.4,	1.5);
(406267.9, 3760843.5,	265.9,	1.5);	(406244.1, 3760836.5,	269.2,	1.5);
(406220.3, 3760828.8,	269.6,	1.5);	(406196.6, 3760821.0,	268.7,	1.5);
(406172.8, 3760813.3,	265.3,	1.5);	(406149.1, 3760805.3,	264.3,	1.5);
(406125.3, 3760797.5,	263.1,	1.5);	(406105.6, 3760782.5,	263.0,	1.5);
(406085.9, 3760767.3,	256.3,	1.5);	(406083.4, 3760744.0,	256.3,	1.5);
(406083.9, 3760719.0,	255.4,	1.5);	(406084.4, 3760694.0,	251.2,	1.5);
(406073.8, 3760679.5,	248.3,	1.5);	(406048.8, 3760680.3,	246.6,	1.5);
(406023.8, 3760681.0,	232.8,	1.5);	(405998.8, 3760681.8,	214.4,	1.5);
(405973.8, 3760682.5,	199.1,	1.5);	(405948.8, 3760683.3,	197.3,	1.5);

• *** ISCSST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

*** ANALYSIS ANNUAL NOx emissions

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**MODELOPTs:

CONC URBAN ELEV FLG POL

NO CALM

*** DISCRETE CARTESIAN RECEPTORS *** (X-COORD, Y-COORD, ZELEV, ZFLAG) (METERS)

(405923.9, 3760684.0,	196.6,	1.5);	(405898.9, 3760684.8,	184.5,	1.5);
(405873.9, 3760685.5,	171.3,	1.5);	(405848.9, 3760686.3,	163.7,	1.5);
(405823.9, 3760687.0,	160.4,	1.5);	(405798.9, 3760687.8,	159.0,	1.5);
(405774.5, 3760683.8,	159.9,	1.5);	(405749.6, 3760682.3,	165.4,	1.5);
(405724.6, 3760682.5,	167.4,	1.5);	(405699.6, 3760682.8,	163.0,	1.5);
(405674.6, 3760683.0,	166.0,	1.5);	(405649.6, 3760683.3,	169.5,	1.5);
(405632.1, 3760691.5,	173.8,	1.5);	(405632.8, 3760716.5,	179.1,	1.5);
(405633.5, 3760741.5,	182.7,	1.5);	(405634.2, 3760766.5,	183.9,	1.5);
(405634.9, 3760791.5,	183.9,	1.5);	(405635.6, 3760816.5,	184.3,	1.5);
(405636.3, 3760841.5,	187.3,	1.5);	(405637.1, 3760866.5,	192.6,	1.5);
(405637.8, 3760891.5,	199.6,	1.5);	(405638.5, 3760916.5,	200.7,	1.5);
(405639.2, 3760941.5,	199.9,	1.5);	(405639.9, 3760966.5,	200.9,	1.5);
(405644.1, 3760990.8,	204.4,	1.5);	(405653.3, 3761014.0,	207.7,	1.5);
(405653.8, 3761039.0,	212.0,	1.5);	(405654.2, 3761064.0,	215.5,	1.5);
(405654.5, 3761089.0,	219.1,	1.5);	(405672.8, 3761096.3,	219.9,	1.5);
(405697.8, 3761095.5,	220.6,	1.5);	(405722.8, 3761095.0,	219.9,	1.5);
(405747.8, 3761094.5,	219.5,	1.5);	(405772.8, 3761093.8,	220.2,	1.5);
(405797.8, 3761093.3,	221.3,	1.5);	(405822.8, 3761092.5,	216.9,	1.5);
(405847.8, 3761092.0,	201.0,	1.5);	(405872.8, 3761091.5,	206.4,	1.5);
(405897.7, 3761090.8,	213.4,	1.5);	(405922.7, 3761090.3,	217.4,	1.5);
(405947.7, 3761089.5,	220.6,	1.5);	(405972.7, 3761089.0,	218.1,	1.5);
(405997.7, 3761088.5,	212.4,	1.5);	(406022.7, 3761087.8,	208.1,	1.5);
(406047.7, 3761087.3,	226.8,	1.5);	(406072.7, 3761086.5,	247.3,	1.5);
(406097.7, 3761086.0,	247.3,	1.5);	(406122.7, 3761085.5,	233.6,	1.5);
(406147.7, 3761084.8,	218.9,	1.5);	(406172.7, 3761084.3,	224.4,	1.5);
(406197.7, 3761083.5,	227.7,	1.5);	(406222.7, 3761083.0,	224.3,	1.5);
(406247.6, 3761082.5,	211.2,	1.5);	(406272.6, 3761081.8,	211.8,	1.5);
(406297.6, 3761081.3,	218.6,	1.5);	(406322.6, 3761080.5,	228.8,	1.5);
(406347.6, 3761080.0,	214.1,	1.5);	(406372.6, 3761079.5,	215.2,	1.5);
(406397.6, 3761078.8,	218.8,	1.5);	(406422.6, 3761078.3,	226.5,	1.5);
(406447.6, 3761077.5,	226.8,	1.5);	(406472.6, 3761077.0,	210.1,	1.5);

Appendix B

NOx Annual Emissions Unmitigated							
(406497.6, 3761076.5, 208.1, 1.5);	(406522.6, 3761075.8, 223.4, 1.5);						
(406547.5, 3761075.3, 233.6, 1.5);	(406572.5, 3761074.5, 236.0, 1.5);						
(406597.5, 3761074.0, 233.0, 1.5);	(406622.5, 3761073.5, 240.2, 1.5);						
(406647.5, 3761072.8, 237.3, 1.5);	(406672.5, 3761072.3, 230.2, 1.5);						
(406697.5, 3761071.5, 242.9, 1.5);	(406722.5, 3761071.0, 247.4, 1.5);						
(406747.5, 3761070.5, 234.2, 1.5);	(406772.5, 3761069.8, 225.7, 1.5);						
(406797.5, 3761069.3, 239.7, 1.5);	(406822.5, 3761068.5, 254.2, 1.5);						
(406847.5, 3761068.0, 260.0, 1.5);	(406872.5, 3761067.5, 261.5, 1.5);						
(406897.4, 3761066.8, 257.9, 1.5);	(406922.4, 3761066.3, 251.6, 1.5);						
(406947.4, 3761065.5, 241.6, 1.5);	(406972.4, 3761065.0, 235.9, 1.5);						
(406997.4, 3761064.5, 238.3, 1.5);	(407021.1, 3761061.8, 252.1, 1.5);						
(407020.3, 3761036.8, 240.4, 1.5);	(407019.5, 3761011.8, 256.2, 1.5);						
(407018.7, 3760986.8, 272.6, 1.5);	(407017.8, 3760961.8, 288.8, 1.5);						
(407017.0, 3760936.8, 301.6, 1.5);	(407016.2, 3760911.8, 315.1, 1.5);						

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*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL NOx emissions

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**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(407015.4, 3760886.8, 319.3, 1.5);	(407014.6, 3760861.8, 314.4, 1.5);
(407013.8, 3760836.8, 308.8, 1.5);	(407012.9, 3760811.8, 306.0, 1.5);
(407012.1, 3760787.0, 302.2, 1.5);	(407011.3, 3760762.0, 294.3, 1.5);
(407010.5, 3760737.0, 283.3, 1.5);	(407009.7, 3760712.0, 271.6, 1.5);
(407008.8, 3760687.0, 257.2, 1.5);	(407008.0, 3760662.0, 246.0, 1.5);
(407031.9, 3760661.5, 234.8, 1.5);	(407056.9, 3760661.3, 216.4, 1.5);
(407081.9, 3760661.3, 219.8, 1.5);	(407106.9, 3760661.0, 245.4, 1.5);
(407131.9, 3760660.8, 260.5, 1.5);	(407156.9, 3760660.5, 267.9, 1.5);
(407181.9, 3760660.3, 282.2, 1.5);	(407206.9, 3760660.0, 296.7, 1.5);
(407231.9, 3760660.0, 308.2, 1.5);	(407256.9, 3760659.8, 311.9, 1.5);
(407281.9, 3760659.5, 304.9, 1.5);	(407306.9, 3760659.3, 293.3, 1.5);
(407331.9, 3760659.0, 285.1, 1.5);	(407356.9, 3760659.0, 292.3, 1.5);
(407381.9, 3760658.8, 292.6, 1.5);	(407406.9, 3760658.5, 291.2, 1.5);
(407431.9, 3760658.3, 297.4, 1.5);	(407456.9, 3760658.0, 301.5, 1.5);
(407481.9, 3760657.8, 303.3, 1.5);	(407506.9, 3760657.8, 294.0, 1.5);
(407531.9, 3760657.5, 287.6, 1.5);	(407556.9, 3760657.3, 0.0, 1.5);
(407581.9, 3760657.0, 0.0, 1.5);	(407606.9, 3760656.8, 0.0, 1.5);
(407631.9, 3760656.8, 0.0, 1.5);	(407656.9, 3760656.5, 0.0, 1.5);
(407681.9, 3760656.3, 0.0, 1.5);	(407706.9, 3760656.0, 0.0, 1.5);
(407731.9, 3760655.8, 0.0, 1.5);	(407756.9, 3760655.5, 0.0, 1.5);
(407781.9, 3760655.5, 0.0, 1.5);	(407806.9, 3760655.3, 0.0, 1.5);
(407831.9, 3760655.0, 0.0, 1.5);	(407856.9, 3760654.8, 0.0, 1.5);
(407881.9, 3760654.5, 0.0, 1.5);	(407906.9, 3760654.3, 0.0, 1.5);
(407931.9, 3760654.3, 0.0, 1.5);	(407956.9, 3760654.0, 0.0, 1.5);
(407981.9, 3760653.8, 0.0, 1.5);	(408006.9, 3760653.5, 0.0, 1.5);
(408031.9, 3760653.3, 0.0, 1.5);	(408056.9, 3760653.3, 0.0, 1.5);
(408081.9, 3760653.0, 0.0, 1.5);	(408106.9, 3760652.8, 0.0, 1.5);
(408131.9, 3760652.5, 0.0, 1.5);	(408156.9, 3760652.3, 0.0, 1.5);
(408181.9, 3760652.0, 0.0, 1.5);	(408206.9, 3760652.0, 0.0, 1.5);
(408225.8, 3760645.0, 0.0, 1.5);	(408224.9, 3760620.0, 0.0, 1.5);
(408224.2, 3760595.0, 0.0, 1.5);	(408223.3, 3760570.0, 0.0, 1.5);
(408222.6, 3760545.0, 0.0, 1.5);	(408221.8, 3760520.0, 0.0, 1.5);
(408220.9, 3760495.0, 0.0, 1.5);	(408220.2, 3760470.0, 0.0, 1.5);
(408219.3, 3760445.0, 0.0, 1.5);	(408218.6, 3760420.0, 0.0, 1.5);
(408217.8, 3760395.0, 0.0, 1.5);	(408216.9, 3760370.0, 0.0, 1.5);
(408216.2, 3760345.0, 0.0, 1.5);	(408215.3, 3760320.0, 0.0, 1.5);
(408214.6, 3760295.0, 0.0, 1.5);	(408213.8, 3760270.0, 0.0, 1.5);
(408213.0, 3760245.3, 0.0, 1.5);	(408212.2, 3760220.3, 0.0, 1.5);
(408211.4, 3760195.3, 0.0, 1.5);	(408210.6, 3760170.3, 0.0, 1.5);
(408209.8, 3760145.3, 0.0, 1.5);	(408209.0, 3760120.3, 0.0, 1.5);
(408208.2, 3760095.3, 0.0, 1.5);	(408207.4, 3760070.3, 0.0, 1.5);
(408206.6, 3760045.3, 0.0, 1.5);	(408205.8, 3760020.3, 0.0, 1.5);
(408205.0, 3759995.3, 0.0, 1.5);	(408204.2, 3759970.3, 0.0, 1.5);
(408203.4, 3759945.3, 0.0, 1.5);	(408202.6, 3759920.3, 0.0, 1.5);
(408201.8, 3759895.3, 0.0, 1.5);	(408201.0, 3759870.3, 0.0, 1.5);

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*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL NOx emissions

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**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***

Appendix B

NOx Annual Emissions Unmitigated
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

Table with 8 columns: X-COORD, Y-COORD, ZELEV, ZFLAG, X-COORD, Y-COORD, ZELEV, ZFLAG. Contains 60 rows of numerical data representing NOx annual emissions unmitigated for various coordinates and elevations.

*** IS CST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11
MODELOPTs: ** ANALYSIS ANNUAL NOx emissions * 11:06:58
CONC URBAN ELEV FLGPOL NOCALM PAGE 11

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

Table with 8 columns: X-COORD, Y-COORD, ZELEV, ZFLAG, X-COORD, Y-COORD, ZELEV, ZFLAG. Contains 24 rows of numerical data representing discrete Cartesian receptors for various coordinates and elevations.

Appendix B

NOx Annual Emissions Unmitigated

(405987.5, 3758212.5, 90.0, 1.5);	(405987.5, 3758187.5, 89.8, 1.5);
(405987.5, 3758162.5, 89.3, 1.5);	(405987.5, 3758137.5, 89.0, 1.5);
(406012.5, 3758512.5, 93.1, 1.5);	(406012.5, 3758487.5, 93.0, 1.5);
(406012.5, 3758462.5, 92.1, 1.5);	(406012.5, 3758437.5, 92.0, 1.5);
(406012.5, 3758412.5, 92.0, 1.5);	(406012.5, 3758387.5, 91.3, 1.5);
(406012.5, 3758362.5, 91.3, 1.5);	(406012.5, 3758337.5, 91.3, 1.5);
(406012.5, 3758312.5, 91.6, 1.5);	(406012.5, 3758287.5, 91.3, 1.5);
(406012.5, 3758262.5, 91.0, 1.5);	(406012.5, 3758237.5, 91.0, 1.5);
(406012.5, 3758212.5, 91.0, 1.5);	(406012.5, 3758187.5, 90.3, 1.5);
(406012.5, 3758162.5, 90.0, 1.5);	(406012.5, 3758137.5, 90.0, 1.5);
(406037.5, 3758512.5, 94.0, 1.5);	(406037.5, 3758487.5, 93.7, 1.5);
(406037.5, 3758462.5, 93.0, 1.5);	(406037.5, 3758437.5, 93.0, 1.5);
(406037.5, 3758412.5, 92.8, 1.5);	(406037.5, 3758387.5, 92.0, 1.5);
(406037.5, 3758362.5, 92.0, 1.5);	(406037.5, 3758337.5, 92.0, 1.5);
(406037.5, 3758312.5, 92.0, 1.5);	(406037.5, 3758287.5, 92.0, 1.5);
(406037.5, 3758262.5, 92.0, 1.5);	(406037.5, 3758237.5, 91.7, 1.5);
(406037.5, 3758212.5, 91.0, 1.5);	(406037.5, 3758187.5, 91.0, 1.5);
(406037.5, 3758162.5, 91.0, 1.5);	(406037.5, 3758137.5, 91.0, 1.5);
(406062.5, 3758512.5, 95.0, 1.5);	(406062.5, 3758487.5, 94.2, 1.5);
(406062.5, 3758462.5, 94.0, 1.5);	(406062.5, 3758437.5, 93.3, 1.5);
(406062.5, 3758412.5, 93.1, 1.5);	(406062.5, 3758387.5, 93.0, 1.5);
(406062.5, 3758362.5, 93.0, 1.5);	(406062.5, 3758337.5, 93.0, 1.5);
(406062.5, 3758312.5, 93.0, 1.5);	(406062.5, 3758287.5, 93.0, 1.5);
(406062.5, 3758262.5, 92.6, 1.5);	(406062.5, 3758237.5, 92.3, 1.5);
(406062.5, 3758212.5, 92.0, 1.5);	(406062.5, 3758187.5, 91.3, 1.5);
(406062.5, 3758162.5, 91.1, 1.5);	(406062.5, 3758137.5, 91.3, 1.5);
(406087.5, 3758512.5, 95.0, 1.5);	(406087.5, 3758487.5, 95.0, 1.5);
* *** ISCST3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT ***
	*** ANALYSIS ANNUAL NOx emissions ***
**MODELOPTs:	07/29/11
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URBAN ELEV FLGPOL	NOCALM

*** DISCRETE CARTESIAN RECEPTORS *** (X-COORD, Y-COORD, ZELEV, ZFLAG) (METERS)

(406087.5, 3758462.5, 94.9, 1.5);	(406087.5, 3758437.5, 94.0, 1.5);
(406087.5, 3758412.5, 94.0, 1.5);	(406087.5, 3758387.5, 94.0, 1.5);
(406087.5, 3758362.5, 94.0, 1.5);	(406087.5, 3758337.5, 93.8, 1.5);
(406087.5, 3758312.5, 93.8, 1.5);	(406087.5, 3758287.5, 93.7, 1.5);
(406087.5, 3758262.5, 93.0, 1.5);	(406087.5, 3758237.5, 93.0, 1.5);
(406087.5, 3758212.5, 92.8, 1.5);	(406087.5, 3758187.5, 92.0, 1.5);
(406087.5, 3758162.5, 92.0, 1.5);	(406087.5, 3758137.5, 92.0, 1.5);
(406112.5, 3758512.5, 96.0, 1.5);	(406112.5, 3758487.5, 96.0, 1.5);
(406112.5, 3758462.5, 95.1, 1.5);	(406112.5, 3758437.5, 95.0, 1.5);
(406112.5, 3758412.5, 95.0, 1.5);	(406112.5, 3758387.5, 94.2, 1.5);
(406112.5, 3758362.5, 94.2, 1.5);	(406112.5, 3758337.5, 94.2, 1.5);
(406112.5, 3758312.5, 94.0, 1.5);	(406112.5, 3758287.5, 94.0, 1.5);
(406112.5, 3758262.5, 94.0, 1.5);	(406112.5, 3758237.5, 94.0, 1.5);
(406112.5, 3758212.5, 93.3, 1.5);	(406112.5, 3758187.5, 93.3, 1.5);
(406112.5, 3758162.5, 93.0, 1.5);	(406112.5, 3758137.5, 93.0, 1.5);
(406137.5, 3758512.5, 97.0, 1.5);	(406137.5, 3758487.5, 96.0, 1.5);
(406137.5, 3758462.5, 96.0, 1.5);	(406137.5, 3758437.5, 95.7, 1.5);
(406137.5, 3758412.5, 95.0, 1.5);	(406137.5, 3758387.5, 95.0, 1.5);
(406137.5, 3758362.5, 95.0, 1.5);	(406137.5, 3758337.5, 95.0, 1.5);
(406137.5, 3758312.5, 95.0, 1.5);	(406137.5, 3758287.5, 95.0, 1.5);
(406137.5, 3758262.5, 94.8, 1.5);	(406137.5, 3758237.5, 94.8, 1.5);
(406137.5, 3758212.5, 94.3, 1.5);	(406137.5, 3758187.5, 94.0, 1.5);
(406137.5, 3758162.5, 94.0, 1.5);	(406137.5, 3758137.5, 94.0, 1.5);
(406162.5, 3758512.5, 97.6, 1.5);	(406162.5, 3758487.5, 97.0, 1.5);
(406162.5, 3758462.5, 96.6, 1.5);	(406162.5, 3758437.5, 96.0, 1.5);
(406162.5, 3758412.5, 96.0, 1.5);	(406162.5, 3758387.5, 96.0, 1.5);
(406162.5, 3758362.5, 95.3, 1.5);	(406162.5, 3758337.5, 95.3, 1.5);
(406162.5, 3758312.5, 95.1, 1.5);	(406162.5, 3758287.5, 95.0, 1.5);
(406162.5, 3758262.5, 95.0, 1.5);	(406162.5, 3758237.5, 95.0, 1.5);
(406162.5, 3758212.5, 95.0, 1.5);	(406162.5, 3758187.5, 95.0, 1.5);
(406162.5, 3758162.5, 95.0, 1.5);	(406162.5, 3758137.5, 95.0, 1.5);
(406187.5, 3758512.5, 98.0, 1.5);	(406187.5, 3758487.5, 97.7, 1.5);
(406187.5, 3758462.5, 97.0, 1.5);	(406187.5, 3758437.5, 97.0, 1.5);
(406187.5, 3758412.5, 96.9, 1.5);	(406187.5, 3758387.5, 96.7, 1.5);
(406187.5, 3758362.5, 96.0, 1.5);	(406187.5, 3758337.5, 96.0, 1.5);
(406187.5, 3758312.5, 96.0, 1.5);	(406187.5, 3758287.5, 96.0, 1.5);
(406187.5, 3758262.5, 96.0, 1.5);	(406187.5, 3758237.5, 96.0, 1.5);
(406187.5, 3758212.5, 96.0, 1.5);	(406187.5, 3758187.5, 96.0, 1.5);
(406187.5, 3758162.5, 95.8, 1.5);	(406187.5, 3758137.5, 95.0, 1.5);

Appendix B

NOx Annual Emissions Unmitigated

Table with 8 columns: X, Y, Z, X2, Y2, Z2, X3, Y3. Contains 12 rows of coordinate and emission data.

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL NOx emissions

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**MODELOPTs:

CONC URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

Table with 8 columns: X, Y, Z, X2, Y2, Z2, X3, Y3. Contains 50 rows of coordinate and emission data for discrete receptors.

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL NOx emissions

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**MODELOPTs:

CONC URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

Table with 8 columns: X, Y, Z, X2, Y2, Z2, X3, Y3. Contains 5 rows of coordinate and emission data for discrete receptors.

Appendix B

NOx Annual Emissions Unmitigated

(406387.5, 3758512.5,	105.0,	1.5);	(406387.5, 3758487.5,	105.0,	1.5);
(406387.5, 3758462.5,	104.8,	1.5);	(406387.5, 3758437.5,	104.0,	1.5);
(406387.5, 3758412.5,	104.0,	1.5);	(406387.5, 3758387.5,	103.0,	1.5);
(406387.5, 3758362.5,	103.0,	1.5);	(406387.5, 3758337.5,	102.7,	1.5);
(406387.5, 3758312.5,	102.0,	1.5);	(406387.5, 3758287.5,	102.0,	1.5);
(406387.5, 3758262.5,	101.0,	1.5);	(406387.5, 3758237.5,	100.0,	1.5);
(406387.5, 3758212.5,	99.0,	1.5);	(406387.5, 3758187.5,	98.2,	1.5);
(406387.5, 3758162.5,	98.0,	1.5);	(406387.5, 3758137.5,	98.0,	1.5);
(406412.5, 3758512.5,	106.0,	1.5);	(406412.5, 3758487.5,	105.0,	1.5);
(406412.5, 3758462.5,	105.0,	1.5);	(406412.5, 3758437.5,	105.0,	1.5);
(406412.5, 3758412.5,	104.1,	1.5);	(406412.5, 3758387.5,	104.0,	1.5);
(406412.5, 3758362.5,	103.6,	1.5);	(406412.5, 3758337.5,	103.0,	1.5);
(406412.5, 3758312.5,	102.6,	1.5);	(406412.5, 3758287.5,	102.0,	1.5);
(406412.5, 3758262.5,	100.8,	1.5);	(406412.5, 3758237.5,	99.0,	1.5);
(406412.5, 3758212.5,	98.3,	1.5);	(406412.5, 3758187.5,	98.0,	1.5);
(406412.5, 3758162.5,	98.0,	1.5);	(406412.5, 3758137.5,	98.0,	1.5);
(406437.5, 3758512.5,	106.3,	1.5);	(406437.5, 3758487.5,	106.0,	1.5);
(406437.5, 3758462.5,	105.3,	1.5);	(406437.5, 3758437.5,	105.0,	1.5);
(406437.5, 3758412.5,	105.0,	1.5);	(406437.5, 3758387.5,	104.7,	1.5);
(406437.5, 3758362.5,	104.0,	1.5);	(406437.5, 3758337.5,	104.0,	1.5);
(406437.5, 3758312.5,	103.0,	1.5);	(406437.5, 3758287.5,	102.0,	1.5);
(406437.5, 3758262.5,	100.0,	1.5);	(406437.5, 3758237.5,	98.2,	1.5);
(406437.5, 3758212.5,	98.0,	1.5);	(406437.5, 3758187.5,	98.0,	1.5);
(406437.5, 3758162.5,	98.0,	1.5);	(406437.5, 3758137.5,	98.0,	1.5);
(406462.5, 3758512.5,	107.0,	1.5);	(406462.5, 3758487.5,	106.0,	1.5);
(406462.5, 3758462.5,	106.0,	1.5);	(406462.5, 3758437.5,	105.2,	1.5);
(406462.5, 3758412.5,	105.0,	1.5);	(406462.5, 3758387.5,	105.0,	1.5);
(406462.5, 3758362.5,	104.6,	1.5);	(406462.5, 3758337.5,	104.0,	1.5);
(406462.5, 3758312.5,	103.6,	1.5);	(406462.5, 3758287.5,	102.3,	1.5);
(406462.5, 3758262.5,	99.3,	1.5);	(406462.5, 3758237.5,	98.0,	1.5);
(406462.5, 3758212.5,	98.0,	1.5);	(406462.5, 3758187.5,	98.3,	1.5);
(406462.5, 3758162.5,	98.6,	1.5);	(406462.5, 3758137.5,	99.2,	1.5);
(406487.5, 3758512.5,	107.9,	1.5);	(406487.5, 3758487.5,	107.0,	1.5);
(406487.5, 3758462.5,	106.0,	1.5);	(406487.5, 3758437.5,	106.0,	1.5);
(406487.5, 3758412.5,	105.0,	1.5);	(406487.5, 3758387.5,	105.0,	1.5);
(406487.5, 3758362.5,	105.0,	1.5);	(406487.5, 3758337.5,	104.0,	1.5);
(406487.5, 3758312.5,	104.0,	1.5);	(406487.5, 3758287.5,	103.0,	1.5);
(406487.5, 3758262.5,	98.5,	1.5);	(406487.5, 3758237.5,	98.0,	1.5);
(406487.5, 3758212.5,	98.9,	1.5);	(406487.5, 3758187.5,	99.8,	1.5);
(406487.5, 3758162.5,	100.0,	1.5);	(406487.5, 3758137.5,	100.8,	1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT ***
 *** ANALYSIS ANNUAL NOx emissions *** 07/29/11
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**MODELOPTs:
 CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406512.5, 3758512.5,	108.0,	1.5);	(406512.5, 3758487.5,	107.0,	1.5);
(406512.5, 3758462.5,	106.0,	1.5);	(406512.5, 3758437.5,	105.0,	1.5);
(406512.5, 3758412.5,	105.0,	1.5);	(406512.5, 3758387.5,	105.0,	1.5);
(406512.5, 3758362.5,	104.3,	1.5);	(406512.5, 3758337.5,	104.0,	1.5);
(406512.5, 3758312.5,	103.2,	1.5);	(406512.5, 3758287.5,	100.9,	1.5);
(406512.5, 3758262.5,	98.0,	1.5);	(406512.5, 3758237.5,	98.6,	1.5);
(406512.5, 3758212.5,	101.9,	1.5);	(406512.5, 3758187.5,	102.0,	1.5);
(406512.5, 3758162.5,	102.0,	1.5);	(406512.5, 3758137.5,	102.0,	1.5);
(406537.5, 3758512.5,	108.4,	1.5);	(406537.5, 3758487.5,	107.0,	1.5);
(406537.5, 3758462.5,	106.0,	1.5);	(406537.5, 3758437.5,	105.0,	1.5);
(406537.5, 3758412.5,	105.0,	1.5);	(406537.5, 3758387.5,	104.2,	1.5);
(406537.5, 3758362.5,	103.6,	1.5);	(406537.5, 3758337.5,	103.0,	1.5);
(406537.5, 3758312.5,	102.4,	1.5);	(406537.5, 3758287.5,	101.7,	1.5);
(406537.5, 3758262.5,	102.0,	1.5);	(406537.5, 3758237.5,	104.7,	1.5);
(406537.5, 3758212.5,	103.8,	1.5);	(406537.5, 3758187.5,	103.0,	1.5);
(406537.5, 3758162.5,	102.4,	1.5);	(406537.5, 3758137.5,	102.0,	1.5);
(406562.5, 3758512.5,	108.6,	1.5);	(406562.5, 3758487.5,	107.0,	1.5);
(406562.5, 3758462.5,	105.8,	1.5);	(406562.5, 3758437.5,	105.0,	1.5);
(406562.5, 3758412.5,	104.0,	1.5);	(406562.5, 3758387.5,	103.0,	1.5);
(406562.5, 3758362.5,	103.0,	1.5);	(406562.5, 3758337.5,	103.0,	1.5);
(406562.5, 3758312.5,	103.3,	1.5);	(406562.5, 3758287.5,	104.0,	1.5);
(406562.5, 3758262.5,	104.6,	1.5);	(406562.5, 3758237.5,	105.0,	1.5);
(406562.5, 3758212.5,	104.2,	1.5);	(406562.5, 3758187.5,	104.0,	1.5);
(406562.5, 3758162.5,	103.3,	1.5);	(406562.5, 3758137.5,	103.0,	1.5);
(406587.5, 3758512.5,	109.0,	1.5);	(406587.5, 3758487.5,	107.2,	1.5);
(406587.5, 3758462.5,	105.5,	1.5);	(406587.5, 3758437.5,	104.0,	1.5);

Appendix B

NOx Annual Emissions Unmitigated

**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406787.5, 3758412.5, 113.0, 1.5);	(406787.5, 3758387.5, 113.0, 1.5);
(406787.5, 3758362.5, 113.4, 1.5);	(406787.5, 3758337.5, 112.7, 1.5);
(406787.5, 3758312.5, 112.0, 1.5);	(406787.5, 3758287.5, 111.7, 1.5);
(406787.5, 3758262.5, 110.3, 1.5);	(406787.5, 3758237.5, 109.9, 1.5);
(406787.5, 3758212.5, 109.0, 1.5);	(406787.5, 3758187.5, 107.0, 1.5);
(406787.5, 3758162.5, 106.0, 1.5);	(406787.5, 3758137.5, 104.2, 1.5);
(406812.5, 3758512.5, 110.6, 1.5);	(406812.5, 3758487.5, 112.0, 1.5);
(406812.5, 3758462.5, 112.6, 1.5);	(406812.5, 3758437.5, 113.3, 1.5);
(406812.5, 3758412.5, 114.1, 1.5);	(406812.5, 3758387.5, 114.2, 1.5);
(406812.5, 3758362.5, 114.2, 1.5);	(406812.5, 3758337.5, 114.0, 1.5);
(406812.5, 3758312.5, 112.6, 1.5);	(406812.5, 3758287.5, 112.0, 1.5);
(406812.5, 3758262.5, 111.1, 1.5);	(406812.5, 3758237.5, 110.0, 1.5);
(406812.5, 3758212.5, 109.0, 1.5);	(406812.5, 3758187.5, 108.0, 1.5);
(406812.5, 3758162.5, 105.5, 1.5);	(406812.5, 3758137.5, 104.0, 1.5);
(406837.5, 3758512.5, 111.7, 1.5);	(406837.5, 3758487.5, 112.0, 1.5);
(406837.5, 3758462.5, 113.0, 1.5);	(406837.5, 3758437.5, 114.0, 1.5);
(406837.5, 3758412.5, 115.4, 1.5);	(406837.5, 3758387.5, 115.8, 1.5);
(406837.5, 3758362.5, 115.3, 1.5);	(406837.5, 3758337.5, 115.0, 1.5);
(406837.5, 3758312.5, 113.8, 1.5);	(406837.5, 3758287.5, 112.0, 1.5);
(406837.5, 3758262.5, 110.6, 1.5);	(406837.5, 3758237.5, 109.2, 1.5);
(406837.5, 3758212.5, 109.0, 1.5);	(406837.5, 3758187.5, 108.0, 1.5);
(406837.5, 3758162.5, 106.2, 1.5);	(406837.5, 3758137.5, 104.8, 1.5);
(406862.5, 3758512.5, 112.3, 1.5);	(406862.5, 3758487.5, 113.0, 1.5);
(406862.5, 3758462.5, 114.0, 1.5);	(406862.5, 3758437.5, 115.0, 1.5);
(406862.5, 3758412.5, 116.0, 1.5);	(406862.5, 3758387.5, 116.3, 1.5);
(406862.5, 3758362.5, 116.0, 1.5);	(406862.5, 3758337.5, 115.9, 1.5);
(406862.5, 3758312.5, 114.5, 1.5);	(406862.5, 3758287.5, 110.9, 1.5);
(406862.5, 3758262.5, 109.3, 1.5);	(406862.5, 3758237.5, 109.2, 1.5);
(406862.5, 3758212.5, 109.2, 1.5);	(406862.5, 3758187.5, 109.0, 1.5);
(406862.5, 3758162.5, 109.0, 1.5);	(406862.5, 3758137.5, 108.3, 1.5);
(406887.5, 3758512.5, 113.8, 1.5);	(406887.5, 3758487.5, 114.0, 1.5);
(406887.5, 3758462.5, 114.4, 1.5);	(406887.5, 3758437.5, 115.8, 1.5);
(406887.5, 3758412.5, 116.4, 1.5);	(406887.5, 3758387.5, 117.0, 1.5);
(406887.5, 3758362.5, 116.9, 1.5);	(406887.5, 3758337.5, 116.0, 1.5);
(406887.5, 3758312.5, 112.9, 1.5);	(406887.5, 3758287.5, 109.2, 1.5);
(406887.5, 3758262.5, 109.8, 1.5);	(406887.5, 3758237.5, 110.8, 1.5);
(406887.5, 3758212.5, 111.7, 1.5);	(406887.5, 3758187.5, 111.5, 1.5);
(406887.5, 3758162.5, 111.5, 1.5);	(406887.5, 3758137.5, 111.7, 1.5);
(406912.5, 3758512.5, 114.6, 1.5);	(406912.5, 3758487.5, 115.0, 1.5);
(406912.5, 3758462.5, 115.0, 1.5);	(406912.5, 3758437.5, 116.0, 1.5);
(406912.5, 3758412.5, 117.5, 1.5);	(406912.5, 3758387.5, 118.0, 1.5);
(406912.5, 3758362.5, 117.0, 1.5);	(406912.5, 3758337.5, 115.9, 1.5);
(406912.5, 3758312.5, 111.6, 1.5);	(406912.5, 3758287.5, 109.0, 1.5);
(406912.5, 3758262.5, 111.9, 1.5);	(406912.5, 3758237.5, 114.5, 1.5);
(406912.5, 3758212.5, 114.9, 1.5);	(406912.5, 3758187.5, 114.5, 1.5);

• *** ISCSST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL NOx emissions

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406912.5, 3758162.5, 114.5, 1.5);	(406912.5, 3758137.5, 114.5, 1.5);
(406937.5, 3758512.5, 116.0, 1.5);	(406937.5, 3758487.5, 116.0, 1.5);
(406937.5, 3758462.5, 115.9, 1.5);	(406937.5, 3758437.5, 116.0, 1.5);
(406937.5, 3758412.5, 117.9, 1.5);	(406937.5, 3758387.5, 118.0, 1.5);
(406937.5, 3758362.5, 117.0, 1.5);	(406937.5, 3758337.5, 115.2, 1.5);
(406937.5, 3758312.5, 111.9, 1.5);	(406937.5, 3758287.5, 113.4, 1.5);
(406937.5, 3758262.5, 116.2, 1.5);	(406937.5, 3758237.5, 118.8, 1.5);
(406937.5, 3758212.5, 119.5, 1.5);	(406937.5, 3758187.5, 119.5, 1.5);
(406937.5, 3758162.5, 118.9, 1.5);	(406937.5, 3758137.5, 117.7, 1.5);
(406962.5, 3758512.5, 118.5, 1.5);	(406962.5, 3758487.5, 118.5, 1.5);
(406962.5, 3758462.5, 118.5, 1.5);	(406962.5, 3758437.5, 118.3, 1.5);
(406962.5, 3758412.5, 119.2, 1.5);	(406962.5, 3758387.5, 118.9, 1.5);
(406962.5, 3758362.5, 116.3, 1.5);	(406962.5, 3758337.5, 114.9, 1.5);

Appendix B

NOx Annual Emissions Unmitigated

(406962.5, 3758312.5, 115.2, 1.5);	(406962.5, 3758287.5, 117.3, 1.5);
(406962.5, 3758262.5, 121.1, 1.5);	(406962.5, 3758237.5, 122.3, 1.5);
(406962.5, 3758212.5, 122.6, 1.5);	(406962.5, 3758187.5, 123.0, 1.5);
(406962.5, 3758162.5, 121.4, 1.5);	(406962.5, 3758137.5, 118.9, 1.5);
(406987.5, 3758512.5, 121.6, 1.5);	(406987.5, 3758487.5, 121.7, 1.5);
(406987.5, 3758462.5, 120.8, 1.5);	(406987.5, 3758437.5, 120.8, 1.5);
(406987.5, 3758412.5, 120.3, 1.5);	(406987.5, 3758387.5, 118.9, 1.5);
(406987.5, 3758362.5, 116.0, 1.5);	(406987.5, 3758337.5, 115.0, 1.5);
(406987.5, 3758312.5, 115.5, 1.5);	(406987.5, 3758287.5, 119.0, 1.5);
(406987.5, 3758262.5, 122.9, 1.5);	(406987.5, 3758237.5, 123.0, 1.5);
(406987.5, 3758212.5, 123.1, 1.5);	(406987.5, 3758187.5, 122.2, 1.5);
(406987.5, 3758162.5, 119.3, 1.5);	(406987.5, 3758137.5, 116.2, 1.5);
(407012.5, 3758512.5, 123.0, 1.5);	(407012.5, 3758487.5, 123.0, 1.5);
(407012.5, 3758462.5, 123.0, 1.5);	(407012.5, 3758437.5, 122.3, 1.5);
(407012.5, 3758412.5, 121.4, 1.5);	(407012.5, 3758387.5, 119.9, 1.5);
(407012.5, 3758362.5, 118.2, 1.5);	(407012.5, 3758337.5, 118.5, 1.5);
(407012.5, 3758312.5, 118.5, 1.5);	(407012.5, 3758287.5, 121.3, 1.5);
(407012.5, 3758262.5, 122.7, 1.5);	(407012.5, 3758237.5, 122.0, 1.5);
(407012.5, 3758212.5, 121.4, 1.5);	(407012.5, 3758187.5, 118.9, 1.5);
(407012.5, 3758162.5, 115.6, 1.5);	(407012.5, 3758137.5, 115.5, 1.5);
(407037.5, 3758512.5, 123.4, 1.5);	(407037.5, 3758487.5, 124.0, 1.5);
(407037.5, 3758462.5, 123.8, 1.5);	(407037.5, 3758437.5, 123.7, 1.5);
(407037.5, 3758412.5, 122.9, 1.5);	(407037.5, 3758387.5, 121.7, 1.5);
(407037.5, 3758362.5, 121.7, 1.5);	(407037.5, 3758337.5, 122.7, 1.5);
(407037.5, 3758312.5, 122.7, 1.5);	(407037.5, 3758287.5, 122.7, 1.5);
(407037.5, 3758262.5, 122.0, 1.5);	(407037.5, 3758237.5, 121.2, 1.5);
(407037.5, 3758212.5, 120.9, 1.5);	(407037.5, 3758187.5, 121.3, 1.5);
(407037.5, 3758162.5, 121.5, 1.5);	(407037.5, 3758137.5, 121.5, 1.5);
(407062.5, 3758512.5, 123.8, 1.5);	(407062.5, 3758487.5, 125.2, 1.5);
(407062.5, 3758462.5, 125.2, 1.5);	(407062.5, 3758437.5, 125.2, 1.5);
(407062.5, 3758412.5, 124.2, 1.5);	(407062.5, 3758387.5, 123.3, 1.5);
(407062.5, 3758362.5, 123.3, 1.5);	(407062.5, 3758337.5, 124.0, 1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions *** 11:06:58
 **MODELOPTs: ** PAGE 19
 CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(407062.5, 3758312.5, 124.0, 1.5);	(407062.5, 3758287.5, 123.2, 1.5);
(407062.5, 3758262.5, 122.6, 1.5);	(407062.5, 3758237.5, 122.0, 1.5);
(407062.5, 3758212.5, 122.6, 1.5);	(407062.5, 3758187.5, 123.0, 1.5);
(407062.5, 3758162.5, 123.0, 1.5);	(407062.5, 3758137.5, 123.0, 1.5);
(407087.5, 3758512.5, 126.3, 1.5);	(407087.5, 3758487.5, 127.0, 1.5);
(407087.5, 3758462.5, 127.7, 1.5);	(407087.5, 3758437.5, 126.9, 1.5);
(407087.5, 3758412.5, 126.3, 1.5);	(407087.5, 3758387.5, 125.8, 1.5);
(407087.5, 3758362.5, 125.8, 1.5);	(407087.5, 3758337.5, 125.8, 1.5);
(407087.5, 3758312.5, 125.8, 1.5);	(407087.5, 3758287.5, 125.7, 1.5);
(407087.5, 3758262.5, 124.8, 1.5);	(407087.5, 3758237.5, 123.7, 1.5);
(407087.5, 3758212.5, 123.7, 1.5);	(407087.5, 3758187.5, 124.0, 1.5);
(407087.5, 3758162.5, 124.0, 1.5);	(407087.5, 3758137.5, 124.0, 1.5);
(407112.5, 3758512.5, 127.8, 1.5);	(407112.5, 3758487.5, 129.2, 1.5);
(407112.5, 3758462.5, 129.2, 1.5);	(407112.5, 3758437.5, 129.2, 1.5);
(407112.5, 3758412.5, 128.1, 1.5);	(407112.5, 3758387.5, 127.0, 1.5);
(407112.5, 3758362.5, 127.0, 1.5);	(407112.5, 3758337.5, 127.0, 1.5);
(407112.5, 3758312.5, 127.1, 1.5);	(407112.5, 3758287.5, 127.3, 1.5);
(407112.5, 3758262.5, 127.1, 1.5);	(407112.5, 3758237.5, 126.2, 1.5);
(407112.5, 3758212.5, 126.1, 1.5);	(407112.5, 3758187.5, 126.0, 1.5);
(407112.5, 3758162.5, 125.2, 1.5);	(407112.5, 3758137.5, 124.2, 1.5);
(407137.5, 3758512.5, 130.3, 1.5);	(407137.5, 3758487.5, 132.6, 1.5);
(407137.5, 3758462.5, 132.6, 1.5);	(407137.5, 3758437.5, 130.8, 1.5);
(407137.5, 3758412.5, 129.8, 1.5);	(407137.5, 3758387.5, 128.7, 1.5);
(407137.5, 3758362.5, 128.0, 1.5);	(407137.5, 3758337.5, 128.7, 1.5);
(407137.5, 3758312.5, 128.7, 1.5);	(407137.5, 3758287.5, 129.8, 1.5);
(407137.5, 3758262.5, 128.8, 1.5);	(407137.5, 3758237.5, 128.7, 1.5);
(407137.5, 3758212.5, 127.3, 1.5);	(407137.5, 3758187.5, 127.7, 1.5);
(407137.5, 3758162.5, 127.7, 1.5);	(407137.5, 3758137.5, 126.7, 1.5);
(407162.5, 3758512.5, 132.4, 1.5);	(407162.5, 3758487.5, 134.6, 1.5);
(407162.5, 3758462.5, 136.0, 1.5);	(407162.5, 3758437.5, 133.2, 1.5);
(407162.5, 3758412.5, 131.7, 1.5);	(407162.5, 3758387.5, 131.2, 1.5);
(407162.5, 3758362.5, 130.2, 1.5);	(407162.5, 3758337.5, 130.2, 1.5);
(407162.5, 3758312.5, 131.2, 1.5);	(407162.5, 3758287.5, 131.2, 1.5);
(407162.5, 3758262.5, 131.2, 1.5);	(407162.5, 3758237.5, 131.5, 1.5);

Appendix B

NOx Annual Emissions Unmitigated

(407162.5, 3758212.5, 131.7, 1.5);	(407162.5, 3758187.5, 131.8, 1.5);
(407162.5, 3758162.5, 131.5, 1.5);	(407162.5, 3758137.5, 129.5, 1.5);
(407187.5, 3758512.5, 140.1, 1.5);	(407187.5, 3758487.5, 141.7, 1.5);
(407187.5, 3758462.5, 139.3, 1.5);	(407187.5, 3758437.5, 136.5, 1.5);
(407187.5, 3758412.5, 133.8, 1.5);	(407187.5, 3758387.5, 132.7, 1.5);
(407187.5, 3758362.5, 132.7, 1.5);	(407187.5, 3758337.5, 132.7, 1.5);
(407187.5, 3758312.5, 132.9, 1.5);	(407187.5, 3758287.5, 133.7, 1.5);
(407187.5, 3758262.5, 133.9, 1.5);	(407187.5, 3758237.5, 134.8, 1.5);
(407187.5, 3758212.5, 136.2, 1.5);	(407187.5, 3758187.5, 137.5, 1.5);
(407187.5, 3758162.5, 136.9, 1.5);	(407187.5, 3758137.5, 134.5, 1.5);
(407212.5, 3758512.5, 142.0, 1.5);	(407212.5, 3758487.5, 142.3, 1.5);

* ** ISCS T3 - VERSION 02035 **

*** WHITTIER MATRIX OIL PROJECT

07/29/11

*** ANALYSIS ANNUAL NOx emissions

11:06:58

**MODELOPTs:

CONC

URBAN ELEV FLGPOL

NOCALM

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*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZFLAG)

(METERS)

(407212.5, 3758462.5, 141.1, 1.5);	(407212.5, 3758437.5, 140.9, 1.5);
(407212.5, 3758412.5, 137.7, 1.5);	(407212.5, 3758387.5, 135.2, 1.5);
(407212.5, 3758362.5, 135.1, 1.5);	(407212.5, 3758337.5, 135.0, 1.5);
(407212.5, 3758312.5, 135.1, 1.5);	(407212.5, 3758287.5, 135.2, 1.5);
(407212.5, 3758262.5, 136.1, 1.5);	(407212.5, 3758237.5, 137.0, 1.5);
(407212.5, 3758212.5, 139.8, 1.5);	(407212.5, 3758187.5, 141.0, 1.5);
(407212.5, 3758162.5, 140.5, 1.5);	(407212.5, 3758137.5, 136.9, 1.5);
(407237.5, 3758512.5, 143.0, 1.5);	(407237.5, 3758487.5, 143.7, 1.5);
(407237.5, 3758462.5, 143.7, 1.5);	(407237.5, 3758437.5, 142.7, 1.5);
(407237.5, 3758412.5, 140.2, 1.5);	(407237.5, 3758387.5, 137.7, 1.5);
(407237.5, 3758362.5, 136.7, 1.5);	(407237.5, 3758337.5, 136.7, 1.5);
(407237.5, 3758312.5, 137.2, 1.5);	(407237.5, 3758287.5, 137.7, 1.5);
(407237.5, 3758262.5, 137.9, 1.5);	(407237.5, 3758237.5, 138.0, 1.5);
(407237.5, 3758212.5, 140.1, 1.5);	(407237.5, 3758187.5, 140.2, 1.5);
(407237.5, 3758162.5, 138.7, 1.5);	(407237.5, 3758137.5, 136.2, 1.5);
(407262.5, 3758512.5, 144.2, 1.5);	(407262.5, 3758487.5, 145.0, 1.5);
(407262.5, 3758462.5, 145.1, 1.5);	(407262.5, 3758437.5, 146.3, 1.5);
(407262.5, 3758412.5, 144.8, 1.5);	(407262.5, 3758387.5, 139.9, 1.5);
(407262.5, 3758362.5, 138.3, 1.5);	(407262.5, 3758337.5, 138.3, 1.5);
(407262.5, 3758312.5, 139.2, 1.5);	(407262.5, 3758287.5, 139.3, 1.5);
(407262.5, 3758262.5, 140.0, 1.5);	(407262.5, 3758237.5, 139.2, 1.5);
(407262.5, 3758212.5, 138.3, 1.5);	(407262.5, 3758187.5, 137.7, 1.5);
(407262.5, 3758162.5, 136.6, 1.5);	(407262.5, 3758137.5, 134.7, 1.5);
(407287.5, 3758512.5, 146.3, 1.5);	(407287.5, 3758487.5, 145.8, 1.5);
(407287.5, 3758462.5, 146.9, 1.5);	(407287.5, 3758437.5, 147.7, 1.5);
(407287.5, 3758412.5, 146.9, 1.5);	(407287.5, 3758387.5, 142.5, 1.5);
(407287.5, 3758362.5, 139.3, 1.5);	(407287.5, 3758337.5, 140.0, 1.5);
(407287.5, 3758312.5, 140.8, 1.5);	(407287.5, 3758287.5, 141.0, 1.5);
(407287.5, 3758262.5, 141.0, 1.5);	(407287.5, 3758237.5, 139.0, 1.5);
(407287.5, 3758212.5, 135.9, 1.5);	(407287.5, 3758187.5, 135.2, 1.5);
(407287.5, 3758162.5, 135.8, 1.5);	(407287.5, 3758137.5, 134.0, 1.5);
(407312.5, 3758512.5, 150.1, 1.5);	(407312.5, 3758487.5, 151.2, 1.5);
(407312.5, 3758462.5, 149.7, 1.5);	(407312.5, 3758437.5, 148.9, 1.5);
(407312.5, 3758412.5, 147.9, 1.5);	(407312.5, 3758387.5, 144.9, 1.5);
(407312.5, 3758362.5, 140.6, 1.5);	(407312.5, 3758337.5, 140.0, 1.5);
(407312.5, 3758312.5, 140.8, 1.5);	(407312.5, 3758287.5, 140.7, 1.5);
(407312.5, 3758262.5, 139.2, 1.5);	(407312.5, 3758237.5, 135.7, 1.5);
(407312.5, 3758212.5, 133.7, 1.5);	(407312.5, 3758187.5, 133.7, 1.5);
(407312.5, 3758162.5, 135.0, 1.5);	(407312.5, 3758137.5, 135.2, 1.5);
(407337.5, 3758512.5, 153.3, 1.5);	(407337.5, 3758487.5, 152.9, 1.5);
(407337.5, 3758462.5, 151.4, 1.5);	(407337.5, 3758437.5, 149.7, 1.5);
(407337.5, 3758412.5, 147.9, 1.5);	(407337.5, 3758387.5, 145.9, 1.5);
(407337.5, 3758362.5, 140.5, 1.5);	(407337.5, 3758337.5, 139.2, 1.5);
(407337.5, 3758312.5, 138.3, 1.5);	(407337.5, 3758287.5, 137.2, 1.5);
(407337.5, 3758262.5, 135.8, 1.5);	(407337.5, 3758237.5, 134.2, 1.5);

* ** ISCS T3 - VERSION 02035 **

*** WHITTIER MATRIX OIL PROJECT

07/29/11

*** ANALYSIS ANNUAL NOx emissions

11:06:58

**MODELOPTs:

CONC

URBAN ELEV FLGPOL

NOCALM

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*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZFLAG)

(METERS)

Appendix B

NOx Annual Emissions Unmitigated

(407337.5, 3758212.5, 132.4, 1.5);	(407337.5, 3758187.5, 132.2, 1.5);
(407337.5, 3758162.5, 134.5, 1.5);	(407337.5, 3758137.5, 135.0, 1.5);
(407362.5, 3758512.5, 153.2, 1.5);	(407362.5, 3758487.5, 152.9, 1.5);
(407362.5, 3758462.5, 151.4, 1.5);	(407362.5, 3758437.5, 149.6, 1.5);
(407362.5, 3758412.5, 147.9, 1.5);	(407362.5, 3758387.5, 145.9, 1.5);
(407362.5, 3758362.5, 141.6, 1.5);	(407362.5, 3758337.5, 139.2, 1.5);
(407362.5, 3758312.5, 136.6, 1.5);	(407362.5, 3758287.5, 134.7, 1.5);
(407362.5, 3758262.5, 133.2, 1.5);	(407362.5, 3758237.5, 129.4, 1.5);
(407362.5, 3758212.5, 129.3, 1.5);	(407362.5, 3758187.5, 128.4, 1.5);
(407362.5, 3758162.5, 130.6, 1.5);	(407362.5, 3758137.5, 132.4, 1.5);
(407387.5, 3758512.5, 152.1, 1.5);	(407387.5, 3758487.5, 152.2, 1.5);
(407387.5, 3758462.5, 150.0, 1.5);	(407387.5, 3758437.5, 147.4, 1.5);
(407387.5, 3758412.5, 147.1, 1.5);	(407387.5, 3758387.5, 145.9, 1.5);
(407387.5, 3758362.5, 142.4, 1.5);	(407387.5, 3758337.5, 140.9, 1.5);
(407387.5, 3758312.5, 137.7, 1.5);	(407387.5, 3758287.5, 134.7, 1.5);
(407387.5, 3758262.5, 131.3, 1.5);	(407387.5, 3758237.5, 128.0, 1.5);
(407387.5, 3758212.5, 124.6, 1.5);	(407387.5, 3758187.5, 120.2, 1.5);
(407387.5, 3758162.5, 120.3, 1.5);	(407387.5, 3758137.5, 121.3, 1.5);
(407412.5, 3758512.5, 151.2, 1.5);	(407412.5, 3758487.5, 150.9, 1.5);
(407412.5, 3758462.5, 148.6, 1.5);	(407412.5, 3758437.5, 145.9, 1.5);
(407412.5, 3758412.5, 145.0, 1.5);	(407412.5, 3758387.5, 145.0, 1.5);
(407412.5, 3758362.5, 142.9, 1.5);	(407412.5, 3758337.5, 140.9, 1.5);
(407412.5, 3758312.5, 139.7, 1.5);	(407412.5, 3758287.5, 136.5, 1.5);
(407412.5, 3758262.5, 133.6, 1.5);	(407412.5, 3758237.5, 129.5, 1.5);
(407412.5, 3758212.5, 125.4, 1.5);	(407412.5, 3758187.5, 121.8, 1.5);
(407412.5, 3758162.5, 120.4, 1.5);	(407412.5, 3758137.5, 119.0, 1.5);
(407437.5, 3758512.5, 153.5, 1.5);	(407437.5, 3758487.5, 153.5, 1.5);
(407437.5, 3758462.5, 153.4, 1.5);	(407437.5, 3758437.5, 150.6, 1.5);
(407437.5, 3758412.5, 147.0, 1.5);	(407437.5, 3758387.5, 144.9, 1.5);
(407437.5, 3758362.5, 143.0, 1.5);	(407437.5, 3758337.5, 142.0, 1.5);
(407437.5, 3758312.5, 140.8, 1.5);	(407437.5, 3758287.5, 139.7, 1.5);
(407437.5, 3758262.5, 135.0, 1.5);	(407437.5, 3758237.5, 131.7, 1.5);
(407437.5, 3758212.5, 130.2, 1.5);	(407437.5, 3758187.5, 129.5, 1.5);
(407437.5, 3758162.5, 128.0, 1.5);	(407437.5, 3758137.5, 124.8, 1.5);
(407462.5, 3758512.5, 158.3, 1.5);	(407462.5, 3758487.5, 158.3, 1.5);
(407462.5, 3758462.5, 159.4, 1.5);	(407462.5, 3758437.5, 156.2, 1.5);
(407462.5, 3758412.5, 149.4, 1.5);	(407462.5, 3758387.5, 144.9, 1.5);
(407462.5, 3758362.5, 141.2, 1.5);	(407462.5, 3758337.5, 140.7, 1.5);
(407462.5, 3758312.5, 140.7, 1.5);	(407462.5, 3758287.5, 141.0, 1.5);
(407462.5, 3758262.5, 139.1, 1.5);	(407462.5, 3758237.5, 134.8, 1.5);
(407462.5, 3758212.5, 133.4, 1.5);	(407462.5, 3758187.5, 132.5, 1.5);
(407462.5, 3758162.5, 131.0, 1.5);	(407462.5, 3758137.5, 129.5, 1.5);
(407487.5, 3758512.5, 157.9, 1.5);	(407487.5, 3758487.5, 161.0, 1.5);
(407487.5, 3758462.5, 160.5, 1.5);	(407487.5, 3758437.5, 156.1, 1.5);
(407487.5, 3758412.5, 149.0, 1.5);	(407487.5, 3758387.5, 144.1, 1.5);

• *** ISCS13 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

07/29/11

*** ANALYSIS ANNUAL NOx emissions

11:06:58

**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

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*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(407487.5, 3758362.5, 140.8, 1.5);	(407487.5, 3758337.5, 140.0, 1.5);
(407487.5, 3758312.5, 140.0, 1.5);	(407487.5, 3758287.5, 140.8, 1.5);
(407487.5, 3758262.5, 140.8, 1.5);	(407487.5, 3758237.5, 139.8, 1.5);
(407487.5, 3758212.5, 138.6, 1.5);	(407487.5, 3758187.5, 136.5, 1.5);
(407487.5, 3758162.5, 135.5, 1.5);	(407487.5, 3758137.5, 134.5, 1.5);
(407512.5, 3758512.5, 149.8, 1.5);	(407512.5, 3758487.5, 150.9, 1.5);
(407512.5, 3758462.5, 153.7, 1.5);	(407512.5, 3758437.5, 151.4, 1.5);
(407512.5, 3758412.5, 146.0, 1.5);	(407512.5, 3758387.5, 142.6, 1.5);
(407512.5, 3758362.5, 140.8, 1.5);	(407512.5, 3758337.5, 142.3, 1.5);
(407512.5, 3758312.5, 142.4, 1.5);	(407512.5, 3758287.5, 142.3, 1.5);
(407512.5, 3758262.5, 142.3, 1.5);	(407512.5, 3758237.5, 141.2, 1.5);
(407512.5, 3758212.5, 141.2, 1.5);	(407512.5, 3758187.5, 140.5, 1.5);
(407512.5, 3758162.5, 140.0, 1.5);	(407512.5, 3758137.5, 138.3, 1.5);
(407537.5, 3758512.5, 0.0, 1.5);	(407537.5, 3758487.5, 0.0, 1.5);
(407537.5, 3758462.5, 0.0, 1.5);	(407537.5, 3758437.5, 0.0, 1.5);
(407537.5, 3758412.5, 0.0, 1.5);	(407537.5, 3758387.5, 0.0, 1.5);
(407537.5, 3758362.5, 0.0, 1.5);	(407537.5, 3758337.5, 0.0, 1.5);
(407537.5, 3758312.5, 0.0, 1.5);	(407537.5, 3758287.5, 0.0, 1.5);
(407537.5, 3758262.5, 0.0, 1.5);	(407537.5, 3758237.5, 0.0, 1.5);
(407537.5, 3758212.5, 0.0, 1.5);	(407537.5, 3758187.5, 0.0, 1.5);
(407537.5, 3758162.5, 0.0, 1.5);	(407537.5, 3758137.5, 0.0, 1.5);

Appendix B

NOx Annual Emissions Unmitigated

(407762.5, 3758412.5, 0.0, 1.5); (407762.5, 3758387.5, 0.0, 1.5);
 (407762.5, 3758362.5, 0.0, 1.5); (407762.5, 3758337.5, 0.0, 1.5);
 (407762.5, 3758312.5, 0.0, 1.5); (407762.5, 3758287.5, 0.0, 1.5);

• *** ISCS T3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions *** 11:06:58
 **MODELOPTs: PAGE 24

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(407762.5, 3758262.5, 0.0, 1.5); (407762.5, 3758237.5, 0.0, 1.5);
 (407762.5, 3758212.5, 0.0, 1.5); (407762.5, 3758187.5, 0.0, 1.5);
 (407762.5, 3758162.5, 0.0, 1.5); (407762.5, 3758137.5, 0.0, 1.5);
 (407787.5, 3758512.5, 0.0, 1.5); (407787.5, 3758487.5, 0.0, 1.5);
 (407787.5, 3758462.5, 0.0, 1.5); (407787.5, 3758437.5, 0.0, 1.5);
 (407787.5, 3758412.5, 0.0, 1.5); (407787.5, 3758387.5, 0.0, 1.5);
 (407787.5, 3758362.5, 0.0, 1.5); (407787.5, 3758337.5, 0.0, 1.5);
 (407787.5, 3758312.5, 0.0, 1.5); (407787.5, 3758287.5, 0.0, 1.5);
 (407787.5, 3758262.5, 0.0, 1.5); (407787.5, 3758237.5, 0.0, 1.5);
 (407787.5, 3758212.5, 0.0, 1.5); (407787.5, 3758187.5, 0.0, 1.5);
 (407787.5, 3758162.5, 0.0, 1.5); (407787.5, 3758137.5, 0.0, 1.5);
 (407812.5, 3758512.5, 0.0, 1.5); (407812.5, 3758487.5, 0.0, 1.5);
 (407812.5, 3758462.5, 0.0, 1.5); (407812.5, 3758437.5, 0.0, 1.5);
 (407812.5, 3758412.5, 0.0, 1.5); (407812.5, 3758387.5, 0.0, 1.5);
 (407812.5, 3758362.5, 0.0, 1.5); (407812.5, 3758337.5, 0.0, 1.5);
 (407812.5, 3758312.5, 0.0, 1.5); (407812.5, 3758287.5, 0.0, 1.5);
 (407812.5, 3758262.5, 0.0, 1.5); (407812.5, 3758237.5, 0.0, 1.5);
 (407812.5, 3758212.5, 0.0, 1.5); (407812.5, 3758187.5, 0.0, 1.5);
 (407812.5, 3758162.5, 0.0, 1.5); (407812.5, 3758137.5, 0.0, 1.5);
 (407837.5, 3758512.5, 0.0, 1.5); (407837.5, 3758487.5, 0.0, 1.5);
 (407837.5, 3758462.5, 0.0, 1.5); (407837.5, 3758437.5, 0.0, 1.5);
 (407837.5, 3758412.5, 0.0, 1.5); (407837.5, 3758387.5, 0.0, 1.5);
 (407837.5, 3758362.5, 0.0, 1.5); (407837.5, 3758337.5, 0.0, 1.5);
 (407837.5, 3758312.5, 0.0, 1.5); (407837.5, 3758287.5, 0.0, 1.5);
 (407837.5, 3758262.5, 0.0, 1.5); (407837.5, 3758237.5, 0.0, 1.5);
 (407837.5, 3758212.5, 0.0, 1.5); (407837.5, 3758187.5, 0.0, 1.5);
 (407837.5, 3758162.5, 0.0, 1.5); (407837.5, 3758137.5, 0.0, 1.5);
 (407862.5, 3758512.5, 0.0, 1.5); (407862.5, 3758487.5, 0.0, 1.5);
 (407862.5, 3758462.5, 0.0, 1.5); (407862.5, 3758437.5, 0.0, 1.5);
 (407862.5, 3758412.5, 0.0, 1.5); (407862.5, 3758387.5, 0.0, 1.5);
 (407862.5, 3758362.5, 0.0, 1.5); (407862.5, 3758337.5, 0.0, 1.5);
 (407862.5, 3758312.5, 0.0, 1.5); (407862.5, 3758287.5, 0.0, 1.5);
 (407862.5, 3758262.5, 0.0, 1.5); (407862.5, 3758237.5, 0.0, 1.5);
 (407862.5, 3758212.5, 0.0, 1.5); (407862.5, 3758187.5, 0.0, 1.5);
 (407862.5, 3758162.5, 0.0, 1.5); (407862.5, 3758137.5, 0.0, 1.5);
 (407887.5, 3758512.5, 0.0, 1.5); (407887.5, 3758487.5, 0.0, 1.5);
 (407887.5, 3758462.5, 0.0, 1.5); (407887.5, 3758437.5, 0.0, 1.5);
 (407887.5, 3758412.5, 0.0, 1.5); (407887.5, 3758387.5, 0.0, 1.5);
 (407887.5, 3758362.5, 0.0, 1.5); (407887.5, 3758337.5, 0.0, 1.5);
 (407887.5, 3758312.5, 0.0, 1.5); (407887.5, 3758287.5, 0.0, 1.5);
 (407887.5, 3758262.5, 0.0, 1.5); (407887.5, 3758237.5, 0.0, 1.5);
 (407887.5, 3758212.5, 0.0, 1.5); (407887.5, 3758187.5, 0.0, 1.5);
 (407887.5, 3758162.5, 0.0, 1.5); (407887.5, 3758137.5, 0.0, 1.5);
 (407912.5, 3758512.5, 0.0, 1.5); (407912.5, 3758487.5, 0.0, 1.5);
 (407912.5, 3758462.5, 0.0, 1.5); (407912.5, 3758437.5, 0.0, 1.5);

• *** ISCS T3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions *** 11:06:58
 **MODELOPTs: PAGE 25

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(407912.5, 3758412.5, 0.0, 1.5); (407912.5, 3758387.5, 0.0, 1.5);
 (407912.5, 3758362.5, 0.0, 1.5); (407912.5, 3758337.5, 0.0, 1.5);
 (407912.5, 3758312.5, 0.0, 1.5); (407912.5, 3758287.5, 0.0, 1.5);
 (407912.5, 3758262.5, 0.0, 1.5); (407912.5, 3758237.5, 0.0, 1.5);
 (407912.5, 3758212.5, 0.0, 1.5); (407912.5, 3758187.5, 0.0, 1.5);
 (407912.5, 3758162.5, 0.0, 1.5); (407912.5, 3758137.5, 0.0, 1.5);
 (407937.5, 3758512.5, 0.0, 1.5); (407937.5, 3758487.5, 0.0, 1.5);
 (407937.5, 3758462.5, 0.0, 1.5); (407937.5, 3758437.5, 0.0, 1.5);

Appendix B

NOx Annual Emissions Unmitigated

(407937.5, 3758412.5, 0.0, 1.5);	(407937.5, 3758387.5, 0.0, 1.5);		
(407937.5, 3758362.5, 0.0, 1.5);	(407937.5, 3758337.5, 0.0, 1.5);		
(407937.5, 3758312.5, 0.0, 1.5);	(407937.5, 3758287.5, 0.0, 1.5);		
(407937.5, 3758262.5, 0.0, 1.5);	(407937.5, 3758237.5, 0.0, 1.5);		
(407937.5, 3758212.5, 0.0, 1.5);	(407937.5, 3758187.5, 0.0, 1.5);		
(407937.5, 3758162.5, 0.0, 1.5);	(407937.5, 3758137.5, 0.0, 1.5);		
(407962.5, 3758512.5, 0.0, 1.5);	(407962.5, 3758487.5, 0.0, 1.5);		
(407962.5, 3758462.5, 0.0, 1.5);	(407962.5, 3758437.5, 0.0, 1.5);		
(407962.5, 3758412.5, 0.0, 1.5);	(407962.5, 3758387.5, 0.0, 1.5);		
(407962.5, 3758362.5, 0.0, 1.5);	(407962.5, 3758337.5, 0.0, 1.5);		
(407962.5, 3758312.5, 0.0, 1.5);	(407962.5, 3758287.5, 0.0, 1.5);		
(407962.5, 3758262.5, 0.0, 1.5);	(407962.5, 3758237.5, 0.0, 1.5);		
(407962.5, 3758212.5, 0.0, 1.5);	(407962.5, 3758187.5, 0.0, 1.5);		
(407962.5, 3758162.5, 0.0, 1.5);	(407962.5, 3758137.5, 0.0, 1.5);		
(407987.5, 3758512.5, 0.0, 1.5);	(407987.5, 3758487.5, 0.0, 1.5);		
(407987.5, 3758462.5, 0.0, 1.5);	(407987.5, 3758437.5, 0.0, 1.5);		
(407987.5, 3758412.5, 0.0, 1.5);	(407987.5, 3758387.5, 0.0, 1.5);		
(407987.5, 3758362.5, 0.0, 1.5);	(407987.5, 3758337.5, 0.0, 1.5);		
(407987.5, 3758312.5, 0.0, 1.5);	(407987.5, 3758287.5, 0.0, 1.5);		
(407987.5, 3758262.5, 0.0, 1.5);	(407987.5, 3758237.5, 0.0, 1.5);		
(407987.5, 3758212.5, 0.0, 1.5);	(407987.5, 3758187.5, 0.0, 1.5);		
(407987.5, 3758162.5, 0.0, 1.5);	(407987.5, 3758137.5, 0.0, 1.5);		
(408012.5, 3758512.5, 0.0, 1.5);	(408012.5, 3758487.5, 0.0, 1.5);		
(408012.5, 3758462.5, 0.0, 1.5);	(408012.5, 3758437.5, 0.0, 1.5);		
(408012.5, 3758412.5, 0.0, 1.5);	(408012.5, 3758387.5, 0.0, 1.5);		
(408012.5, 3758362.5, 0.0, 1.5);	(408012.5, 3758337.5, 0.0, 1.5);		
(408012.5, 3758312.5, 0.0, 1.5);	(408012.5, 3758287.5, 0.0, 1.5);		
(408012.5, 3758262.5, 0.0, 1.5);	(408012.5, 3758237.5, 0.0, 1.5);		
(408012.5, 3758212.5, 0.0, 1.5);	(408012.5, 3758187.5, 0.0, 1.5);		
(408012.5, 3758162.5, 0.0, 1.5);	(408012.5, 3758137.5, 0.0, 1.5);		
(408037.5, 3758512.5, 0.0, 1.5);	(408037.5, 3758487.5, 0.0, 1.5);		
(408037.5, 3758462.5, 0.0, 1.5);	(408037.5, 3758437.5, 0.0, 1.5);		
(408037.5, 3758412.5, 0.0, 1.5);	(408037.5, 3758387.5, 0.0, 1.5);		
(408037.5, 3758362.5, 0.0, 1.5);	(408037.5, 3758337.5, 0.0, 1.5);		
(408037.5, 3758312.5, 0.0, 1.5);	(408037.5, 3758287.5, 0.0, 1.5);		
(408037.5, 3758262.5, 0.0, 1.5);	(408037.5, 3758237.5, 0.0, 1.5);		
(408037.5, 3758212.5, 0.0, 1.5);	(408037.5, 3758187.5, 0.0, 1.5);		
• *** IS CST3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT	***	07/29/11
	*** ANALYSIS ANNUAL NOx emissions	***	11:06:58
**MODELOPTs:			PAGE 26
CONC	URBAN ELEV FLGPOL	NOCALM	
	*** DISCRETE CARTESIAN RECEPTORS ***		
	(X-COORD, Y-COORD, ZELEV, ZFLAG)		
	(METERS)		
(408037.5, 3758162.5, 0.0, 1.5);	(408037.5, 3758137.5, 0.0, 1.5);		
(408062.5, 3758512.5, 0.0, 1.5);	(408062.5, 3758487.5, 0.0, 1.5);		
(408062.5, 3758462.5, 0.0, 1.5);	(408062.5, 3758437.5, 0.0, 1.5);		
(408062.5, 3758412.5, 0.0, 1.5);	(408062.5, 3758387.5, 0.0, 1.5);		
(408062.5, 3758362.5, 0.0, 1.5);	(408062.5, 3758337.5, 0.0, 1.5);		
(408062.5, 3758312.5, 0.0, 1.5);	(408062.5, 3758287.5, 0.0, 1.5);		
(408062.5, 3758262.5, 0.0, 1.5);	(408062.5, 3758237.5, 0.0, 1.5);		
(408062.5, 3758212.5, 0.0, 1.5);	(408062.5, 3758187.5, 0.0, 1.5);		
(408062.5, 3758162.5, 0.0, 1.5);	(408062.5, 3758137.5, 0.0, 1.5);		
(408087.5, 3758512.5, 0.0, 1.5);	(408087.5, 3758487.5, 0.0, 1.5);		
(408087.5, 3758462.5, 0.0, 1.5);	(408087.5, 3758437.5, 0.0, 1.5);		
(408087.5, 3758412.5, 0.0, 1.5);	(408087.5, 3758387.5, 0.0, 1.5);		
(408087.5, 3758362.5, 0.0, 1.5);	(408087.5, 3758337.5, 0.0, 1.5);		
(408087.5, 3758312.5, 0.0, 1.5);	(408087.5, 3758287.5, 0.0, 1.5);		
(408087.5, 3758262.5, 0.0, 1.5);	(408087.5, 3758237.5, 0.0, 1.5);		
(408087.5, 3758212.5, 0.0, 1.5);	(408087.5, 3758187.5, 0.0, 1.5);		
(408087.5, 3758162.5, 0.0, 1.5);	(408087.5, 3758137.5, 0.0, 1.5);		
(408112.5, 3758512.5, 0.0, 1.5);	(408112.5, 3758487.5, 0.0, 1.5);		
(408112.5, 3758462.5, 0.0, 1.5);	(408112.5, 3758437.5, 0.0, 1.5);		
(408112.5, 3758412.5, 0.0, 1.5);	(408112.5, 3758387.5, 0.0, 1.5);		
(408112.5, 3758362.5, 0.0, 1.5);	(408112.5, 3758337.5, 0.0, 1.5);		
(408112.5, 3758312.5, 0.0, 1.5);	(408112.5, 3758287.5, 0.0, 1.5);		
(408112.5, 3758262.5, 0.0, 1.5);	(408112.5, 3758237.5, 0.0, 1.5);		
(408112.5, 3758212.5, 0.0, 1.5);	(408112.5, 3758187.5, 0.0, 1.5);		
(408112.5, 3758162.5, 0.0, 1.5);	(408112.5, 3758137.5, 0.0, 1.5);		
(405962.5, 3758562.5, 93.0, 1.5);	(406012.5, 3758562.5, 94.6, 1.5);		
(406062.5, 3758562.5, 95.6, 1.5);	(406112.5, 3758562.5, 97.0, 1.5);		
(406162.5, 3758562.5, 98.3, 1.5);	(406212.5, 3758562.5, 100.1, 1.5);		
(406262.5, 3758562.5, 102.3, 1.5);	(406312.5, 3758562.5, 104.1, 1.5);		

Appendix B

NOx Annual Emissions Unmitigated

(406362.5, 3758562.5, 105.2, 1.5);	(406412.5, 3758562.5, 107.0, 1.5);
(406462.5, 3758562.5, 108.1, 1.5);	(405962.5, 3760012.5, 228.9, 1.5);
(405962.5, 3759962.5, 226.7, 1.5);	(405962.5, 3759912.5, 220.6, 1.5);
(405962.5, 3759862.5, 203.9, 1.5);	(405962.5, 3759812.5, 193.4, 1.5);
(405962.5, 3759762.5, 189.1, 1.5);	(405962.5, 3759712.5, 171.9, 1.5);
(405962.5, 3759662.5, 164.7, 1.5);	(405962.5, 3759612.5, 159.7, 1.5);
(405962.5, 3759562.5, 157.0, 1.5);	(405962.5, 3759512.5, 160.4, 1.5);
(405962.5, 3759462.5, 159.7, 1.5);	(405962.5, 3759412.5, 153.9, 1.5);
(405962.5, 3759362.5, 143.8, 1.5);	(405962.5, 3759312.5, 134.1, 1.5);
(405962.5, 3759262.5, 124.2, 1.5);	(405962.5, 3759212.5, 116.4, 1.5);
(405962.5, 3759162.5, 114.5, 1.5);	(405962.5, 3759112.5, 112.4, 1.5);
(405962.5, 3759062.5, 110.0, 1.5);	(405962.5, 3759012.5, 108.6, 1.5);
(405962.5, 3758962.5, 107.3, 1.5);	(405962.5, 3758912.5, 105.1, 1.5);
(405962.5, 3758862.5, 103.6, 1.5);	(405962.5, 3758812.5, 102.0, 1.5);
(405962.5, 3758762.5, 99.6, 1.5);	(405962.5, 3758712.5, 98.0, 1.5);
(405962.5, 3758662.5, 96.1, 1.5);	(405962.5, 3758612.5, 95.0, 1.5);

*** ISCS3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions *** 11:06:58
 **MODELOPTs: PAGE 27
 CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406012.5, 3760012.5, 227.1, 1.5);	(406012.5, 3759962.5, 216.2, 1.5);
(406012.5, 3759912.5, 200.3, 1.5);	(406012.5, 3759862.5, 198.9, 1.5);
(406012.5, 3759812.5, 192.1, 1.5);	(406012.5, 3759762.5, 189.3, 1.5);
(406012.5, 3759712.5, 185.9, 1.5);	(406012.5, 3759662.5, 166.7, 1.5);
(406012.5, 3759612.5, 163.4, 1.5);	(406012.5, 3759562.5, 160.7, 1.5);
(406012.5, 3759512.5, 160.8, 1.5);	(406012.5, 3759462.5, 155.5, 1.5);
(406012.5, 3759412.5, 147.6, 1.5);	(406012.5, 3759362.5, 141.4, 1.5);
(406012.5, 3759312.5, 133.4, 1.5);	(406012.5, 3759262.5, 127.0, 1.5);
(406012.5, 3759212.5, 116.9, 1.5);	(406012.5, 3759162.5, 116.0, 1.5);
(406012.5, 3759112.5, 114.1, 1.5);	(406012.5, 3759062.5, 111.6, 1.5);
(406012.5, 3759012.5, 109.6, 1.5);	(406012.5, 3758962.5, 109.1, 1.5);
(406012.5, 3758912.5, 107.1, 1.5);	(406012.5, 3758862.5, 104.5, 1.5);
(406012.5, 3758812.5, 102.6, 1.5);	(406012.5, 3758762.5, 101.1, 1.5);
(406012.5, 3758712.5, 99.0, 1.5);	(406012.5, 3758662.5, 97.0, 1.5);
(406012.5, 3758612.5, 95.6, 1.5);	(406062.5, 3760012.5, 211.4, 1.5);
(406062.5, 3759812.5, 167.0, 1.5);	(406062.5, 3759762.5, 164.6, 1.5);
(406062.5, 3759712.5, 168.0, 1.5);	(406062.5, 3759662.5, 160.9, 1.5);
(406062.5, 3759612.5, 160.0, 1.5);	(406062.5, 3759562.5, 151.0, 1.5);
(406062.5, 3759512.5, 143.5, 1.5);	(406062.5, 3759462.5, 141.4, 1.5);
(406062.5, 3759412.5, 136.6, 1.5);	(406062.5, 3759362.5, 131.2, 1.5);
(406062.5, 3759312.5, 129.1, 1.5);	(406062.5, 3759262.5, 120.6, 1.5);
(406062.5, 3759212.5, 119.6, 1.5);	(406062.5, 3759162.5, 118.0, 1.5);
(406062.5, 3759112.5, 116.0, 1.5);	(406062.5, 3759062.5, 114.0, 1.5);
(406062.5, 3759012.5, 112.3, 1.5);	(406062.5, 3758962.5, 111.0, 1.5);
(406062.5, 3758912.5, 108.6, 1.5);	(406062.5, 3758862.5, 106.3, 1.5);
(406062.5, 3758812.5, 104.5, 1.5);	(406062.5, 3758762.5, 102.1, 1.5);
(406062.5, 3758712.5, 100.1, 1.5);	(406062.5, 3758662.5, 98.1, 1.5);
(406062.5, 3758612.5, 97.0, 1.5);	(406112.5, 3760012.5, 187.6, 1.5);
(406112.5, 3759812.5, 147.9, 1.5);	(406112.5, 3759762.5, 147.3, 1.5);
(406112.5, 3759712.5, 145.7, 1.5);	(406112.5, 3759662.5, 143.9, 1.5);
(406112.5, 3759612.5, 143.0, 1.5);	(406112.5, 3759562.5, 142.0, 1.5);
(406112.5, 3759512.5, 140.7, 1.5);	(406112.5, 3759462.5, 131.5, 1.5);
(406112.5, 3759412.5, 128.7, 1.5);	(406112.5, 3759362.5, 127.5, 1.5);
(406112.5, 3759312.5, 127.3, 1.5);	(406112.5, 3759262.5, 125.7, 1.5);
(406112.5, 3759212.5, 122.1, 1.5);	(406112.5, 3759162.5, 120.1, 1.5);
(406112.5, 3759112.5, 118.1, 1.5);	(406112.5, 3759062.5, 116.0, 1.5);
(406112.5, 3759012.5, 115.0, 1.5);	(406112.5, 3758962.5, 112.6, 1.5);
(406112.5, 3758912.5, 110.6, 1.5);	(406112.5, 3758862.5, 108.6, 1.5);
(406112.5, 3758812.5, 106.0, 1.5);	(406112.5, 3758762.5, 103.6, 1.5);
(406112.5, 3758712.5, 101.6, 1.5);	(406112.5, 3758662.5, 99.6, 1.5);
(406112.5, 3758612.5, 98.0, 1.5);	(406162.5, 3760012.5, 159.1, 1.5);
(406162.5, 3759812.5, 152.2, 1.5);	(406162.5, 3759462.5, 135.8, 1.5);
(406162.5, 3759412.5, 139.3, 1.5);	(406162.5, 3759362.5, 137.3, 1.5);
(406162.5, 3759312.5, 136.2, 1.5);	(406162.5, 3759262.5, 128.6, 1.5);
(406162.5, 3759212.5, 124.6, 1.5);	(406162.5, 3759162.5, 122.1, 1.5);

*** ISCS3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions *** 11:06:58
 **MODELOPTs: PAGE 28
 CONC URBAN ELEV FLGPOL NOCALM

Appendix B

NOx Annual Emissions Unmitigated

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406162.5, 3759112.5, 120.0, 1.5);	(406162.5, 3759062.5, 118.0, 1.5);
(406162.5, 3759012.5, 116.6, 1.5);	(406162.5, 3758962.5, 115.1, 1.5);
(406162.5, 3758912.5, 112.0, 1.5);	(406162.5, 3758862.5, 110.0, 1.5);
(406162.5, 3758812.5, 107.4, 1.5);	(406162.5, 3758762.5, 104.6, 1.5);
(406162.5, 3758712.5, 102.4, 1.5);	(406162.5, 3758662.5, 101.0, 1.5);
(406162.5, 3758612.5, 99.2, 1.5);	(406212.5, 3759412.5, 147.3, 1.5);
(406212.5, 3759362.5, 144.6, 1.5);	(406212.5, 3759312.5, 138.4, 1.5);
(406212.5, 3759262.5, 132.1, 1.5);	(406212.5, 3759212.5, 126.6, 1.5);
(406212.5, 3759162.5, 123.6, 1.5);	(406212.5, 3759112.5, 121.6, 1.5);
(406212.5, 3759062.5, 120.0, 1.5);	(406212.5, 3759012.5, 117.6, 1.5);
(406212.5, 3758962.5, 116.0, 1.5);	(406212.5, 3758912.5, 113.1, 1.5);
(406212.5, 3758862.5, 110.6, 1.5);	(406212.5, 3758812.5, 108.4, 1.5);
(406212.5, 3758762.5, 105.1, 1.5);	(406212.5, 3758712.5, 103.1, 1.5);
(406212.5, 3758662.5, 102.0, 1.5);	(406212.5, 3758612.5, 101.1, 1.5);
(406262.5, 3759412.5, 152.2, 1.5);	(406262.5, 3759362.5, 144.2, 1.5);
(406262.5, 3759312.5, 138.1, 1.5);	(406262.5, 3759262.5, 134.1, 1.5);
(406262.5, 3759212.5, 128.4, 1.5);	(406262.5, 3759162.5, 125.5, 1.5);
(406262.5, 3759112.5, 123.0, 1.5);	(406262.5, 3759062.5, 121.0, 1.5);
(406262.5, 3759012.5, 118.0, 1.5);	(406262.5, 3758962.5, 116.0, 1.5);
(406262.5, 3758912.5, 113.4, 1.5);	(406262.5, 3758862.5, 110.5, 1.5);
(406262.5, 3758812.5, 108.4, 1.5);	(406262.5, 3758762.5, 106.0, 1.5);
(406262.5, 3758712.5, 104.6, 1.5);	(406262.5, 3758662.5, 103.1, 1.5);
(406262.5, 3758612.5, 102.6, 1.5);	(406312.5, 3759412.5, 155.0, 1.5);
(406312.5, 3759362.5, 149.0, 1.5);	(406312.5, 3759312.5, 139.7, 1.5);
(406312.5, 3759262.5, 135.5, 1.5);	(406312.5, 3759212.5, 130.5, 1.5);
(406312.5, 3759162.5, 126.6, 1.5);	(406312.5, 3759112.5, 123.4, 1.5);
(406312.5, 3759062.5, 121.0, 1.5);	(406312.5, 3759012.5, 118.4, 1.5);
(406312.5, 3758962.5, 115.5, 1.5);	(406312.5, 3758912.5, 113.0, 1.5);
(406312.5, 3758862.5, 111.0, 1.5);	(406312.5, 3758812.5, 109.0, 1.5);
(406312.5, 3758762.5, 107.0, 1.5);	(406312.5, 3758712.5, 105.1, 1.5);
(406312.5, 3758662.5, 104.6, 1.5);	(406312.5, 3758612.5, 104.2, 1.5);
(406362.5, 3759412.5, 148.7, 1.5);	(406362.5, 3759362.5, 146.9, 1.5);
(406362.5, 3759312.5, 139.4, 1.5);	(406362.5, 3759262.5, 134.3, 1.5);
(406362.5, 3759212.5, 131.0, 1.5);	(406362.5, 3759162.5, 127.1, 1.5);
(406362.5, 3759112.5, 124.1, 1.5);	(406362.5, 3759062.5, 121.4, 1.5);
(406362.5, 3759012.5, 118.6, 1.5);	(406362.5, 3758962.5, 116.0, 1.5);
(406362.5, 3758912.5, 113.4, 1.5);	(406362.5, 3758862.5, 110.3, 1.5);
(406362.5, 3758812.5, 108.7, 1.5);	(406362.5, 3758762.5, 107.6, 1.5);
(406362.5, 3758712.5, 107.0, 1.5);	(406362.5, 3758662.5, 106.6, 1.5);
(406362.5, 3758612.5, 106.0, 1.5);	(406412.5, 3759312.5, 138.0, 1.5);
(406412.5, 3759262.5, 135.0, 1.5);	(406412.5, 3759212.5, 131.6, 1.5);
(406412.5, 3759162.5, 127.4, 1.5);	(406412.5, 3759112.5, 124.4, 1.5);
(406412.5, 3759062.5, 121.8, 1.5);	(406412.5, 3759012.5, 119.5, 1.5);
(406412.5, 3758962.5, 116.4, 1.5);	(406412.5, 3758912.5, 113.4, 1.5);
(406412.5, 3758862.5, 109.3, 1.5);	(406412.5, 3758812.5, 108.6, 1.5);

• *** ISCS3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL NOx emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406412.5, 3758762.5, 108.6, 1.5);	(406412.5, 3758712.5, 109.0, 1.5);
(406412.5, 3758662.5, 109.0, 1.5);	(406412.5, 3758612.5, 108.0, 1.5);
(406462.5, 3759312.5, 138.0, 1.5);	(406462.5, 3759262.5, 135.1, 1.5);
(406462.5, 3759212.5, 131.4, 1.5);	(406462.5, 3759162.5, 127.4, 1.5);
(406462.5, 3759112.5, 124.4, 1.5);	(406462.5, 3759062.5, 121.0, 1.5);
(406462.5, 3759012.5, 119.5, 1.5);	(406462.5, 3758962.5, 117.1, 1.5);
(406462.5, 3758912.5, 114.7, 1.5);	(406462.5, 3758862.5, 110.2, 1.5);
(406462.5, 3758812.5, 109.6, 1.5);	(406462.5, 3758762.5, 110.6, 1.5);
(406462.5, 3758712.5, 110.6, 1.5);	(406462.5, 3758662.5, 110.0, 1.5);
(406462.5, 3758612.5, 109.0, 1.5);	(406512.5, 3759262.5, 136.0, 1.5);
(406512.5, 3759212.5, 132.1, 1.5);	(406512.5, 3759162.5, 127.4, 1.5);
(406512.5, 3759112.5, 125.0, 1.5);	(406512.5, 3759062.5, 122.6, 1.5);
(406512.5, 3759012.5, 120.1, 1.5);	(406512.5, 3758962.5, 117.3, 1.5);
(406512.5, 3758912.5, 115.5, 1.5);	(406512.5, 3758862.5, 113.3, 1.5);
(406512.5, 3758812.5, 114.2, 1.5);	(406512.5, 3758762.5, 113.6, 1.5);
(406512.5, 3758712.5, 113.0, 1.5);	(406512.5, 3758662.5, 112.0, 1.5);

Appendix B

NOx Annual Emissions Unmitigated

(408012.5, 3758612.5, 0.0, 1.5);	(408037.5, 3758562.5, 0.0, 1.5);
(408062.5, 3758612.5, 0.0, 1.5);	(408087.5, 3758562.5, 0.0, 1.5);
(408112.5, 3758612.5, 0.0, 1.5);	(405962.5, 3758537.5, 92.3, 1.5);
(405987.5, 3758562.5, 93.8, 1.5);	(406037.5, 3758562.5, 95.0, 1.5);
(406087.5, 3758562.5, 96.0, 1.5);	(406137.5, 3758562.5, 97.9, 1.5);
(406187.5, 3758562.5, 99.0, 1.5);	(406237.5, 3758562.5, 101.3, 1.5);
(406287.5, 3758562.5, 103.4, 1.5);	(406337.5, 3758562.5, 105.0, 1.5);
(406387.5, 3758562.5, 106.0, 1.5);	(406437.5, 3758562.5, 107.7, 1.5);

* *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions *** 11:06:58

**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 31
 CONC

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406487.5, 3758562.5, 109.0, 1.5);	(406537.5, 3758537.5, 109.0, 1.5);
(406587.5, 3758537.5, 109.7, 1.5);	(406637.5, 3758537.5, 109.0, 1.5);
(406687.5, 3758537.5, 110.0, 1.5);	(406737.5, 3758537.5, 109.9, 1.5);
(406787.5, 3758537.5, 110.0, 1.5);	(406837.5, 3758537.5, 111.0, 1.5);
(406887.5, 3758537.5, 113.7, 1.5);	(406937.5, 3758537.5, 116.0, 1.5);
(406987.5, 3758537.5, 120.8, 1.5);	(407037.5, 3758537.5, 122.0, 1.5);
(407087.5, 3758537.5, 124.8, 1.5);	(407137.5, 3758537.5, 128.8, 1.5);
(407187.5, 3758537.5, 137.7, 1.5);	(407237.5, 3758537.5, 141.0, 1.5);
(407287.5, 3758537.5, 143.8, 1.5);	(407337.5, 3758537.5, 147.0, 1.5);
(407387.5, 3758537.5, 148.8, 1.5);	(407437.5, 3758537.5, 153.5, 1.5);
(407487.5, 3758537.5, 155.4, 1.5);	(407537.5, 3758537.5, 0.0, 1.5);
(407587.5, 3758537.5, 0.0, 1.5);	(407637.5, 3758537.5, 0.0, 1.5);
(407687.5, 3758537.5, 0.0, 1.5);	(407737.5, 3758537.5, 0.0, 1.5);
(407787.5, 3758537.5, 0.0, 1.5);	(407837.5, 3758537.5, 0.0, 1.5);
(407887.5, 3758537.5, 0.0, 1.5);	(407937.5, 3758537.5, 0.0, 1.5);
(407987.5, 3758537.5, 0.0, 1.5);	(408037.5, 3758537.5, 0.0, 1.5);
(408087.5, 3758537.5, 0.0, 1.5);	(405962.5, 3759987.5, 229.9, 1.5);
(405962.5, 3759937.5, 223.6, 1.5);	(405962.5, 3759887.5, 214.8, 1.5);
(405962.5, 3759837.5, 195.5, 1.5);	(405962.5, 3759787.5, 191.6, 1.5);
(405962.5, 3759737.5, 188.7, 1.5);	(405962.5, 3759687.5, 167.2, 1.5);
(405962.5, 3759637.5, 162.2, 1.5);	(405962.5, 3759587.5, 157.2, 1.5);
(405962.5, 3759537.5, 159.3, 1.5);	(405962.5, 3759487.5, 159.3, 1.5);
(405962.5, 3759437.5, 157.2, 1.5);	(405962.5, 3759387.5, 148.9, 1.5);
(405962.5, 3759337.5, 138.2, 1.5);	(405962.5, 3759287.5, 128.2, 1.5);
(405962.5, 3759237.5, 120.2, 1.5);	(405962.5, 3759187.5, 115.0, 1.5);
(405962.5, 3759137.5, 113.9, 1.5);	(405962.5, 3759087.5, 112.0, 1.5);
(405962.5, 3759037.5, 109.0, 1.5);	(405962.5, 3758987.5, 108.0, 1.5);
(405962.5, 3758937.5, 106.3, 1.5);	(405962.5, 3758887.5, 104.9, 1.5);
(405962.5, 3758837.5, 103.0, 1.5);	(405962.5, 3758787.5, 100.9, 1.5);
(405962.5, 3758737.5, 98.9, 1.5);	(405962.5, 3758687.5, 97.0, 1.5);
(405962.5, 3758637.5, 95.0, 1.5);	(406012.5, 3759987.5, 224.1, 1.5);
(406012.5, 3759937.5, 203.5, 1.5);	(406012.5, 3759887.5, 201.9, 1.5);
(406012.5, 3759837.5, 196.6, 1.5);	(406012.5, 3759787.5, 190.7, 1.5);
(406012.5, 3759737.5, 190.4, 1.5);	(406012.5, 3759687.5, 169.9, 1.5);
(406012.5, 3759637.5, 165.9, 1.5);	(406012.5, 3759587.5, 161.0, 1.5);
(406012.5, 3759537.5, 161.0, 1.5);	(406012.5, 3759487.5, 159.1, 1.5);
(406012.5, 3759437.5, 150.2, 1.5);	(406012.5, 3759387.5, 146.3, 1.5);
(406012.5, 3759337.5, 137.4, 1.5);	(406012.5, 3759287.5, 129.9, 1.5);
(406012.5, 3759237.5, 121.6, 1.5);	(406012.5, 3759187.5, 116.3, 1.5);
(406012.5, 3759137.5, 115.2, 1.5);	(406012.5, 3759087.5, 113.0, 1.5);
(406012.5, 3759037.5, 110.2, 1.5);	(406012.5, 3758987.5, 110.0, 1.5);
(406012.5, 3758937.5, 108.2, 1.5);	(406012.5, 3758887.5, 105.9, 1.5);
(406012.5, 3758837.5, 103.0, 1.5);	(406012.5, 3758787.5, 102.0, 1.5);
(406012.5, 3758737.5, 99.9, 1.5);	(406012.5, 3758687.5, 98.0, 1.5);
(406012.5, 3758637.5, 96.3, 1.5);	(406062.5, 3759987.5, 209.4, 1.5);

* *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions *** 11:06:58

**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 32
 CONC

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406062.5, 3759837.5, 177.7, 1.5);	(406062.5, 3759787.5, 171.7, 1.5);
(406062.5, 3759737.5, 166.3, 1.5);	(406062.5, 3759687.5, 167.2, 1.5);
(406062.5, 3759637.5, 161.1, 1.5);	(406062.5, 3759587.5, 157.8, 1.5);

Appendix B

NOx Annual Emissions Unmitigated

(406062.5, 3759537.5,	146.4,	1.5);	(406062.5, 3759487.5,	142.0,	1.5);
(406062.5, 3759437.5,	138.4,	1.5);	(406062.5, 3759387.5,	133.4,	1.5);
(406062.5, 3759337.5,	129.4,	1.5);	(406062.5, 3759287.5,	126.4,	1.5);
(406062.5, 3759237.5,	120.0,	1.5);	(406062.5, 3759187.5,	119.0,	1.5);
(406062.5, 3759137.5,	117.0,	1.5);	(406062.5, 3759087.5,	114.9,	1.5);
(406062.5, 3759037.5,	113.0,	1.5);	(406062.5, 3758987.5,	112.0,	1.5);
(406062.5, 3758937.5,	109.0,	1.5);	(406062.5, 3758887.5,	107.3,	1.5);
(406062.5, 3758837.5,	105.0,	1.5);	(406062.5, 3758787.5,	103.0,	1.5);
(406062.5, 3758737.5,	101.3,	1.5);	(406062.5, 3758687.5,	99.0,	1.5);
(406062.5, 3758637.5,	98.0,	1.5);	(406112.5, 3759987.5,	180.6,	1.5);
(406112.5, 3759837.5,	149.0,	1.5);	(406112.5, 3759787.5,	147.9,	1.5);
(406112.5, 3759737.5,	145.7,	1.5);	(406112.5, 3759687.5,	145.0,	1.5);
(406112.5, 3759637.5,	143.0,	1.5);	(406112.5, 3759587.5,	143.0,	1.5);
(406112.5, 3759537.5,	141.7,	1.5);	(406112.5, 3759487.5,	136.8,	1.5);
(406112.5, 3759437.5,	129.9,	1.5);	(406112.5, 3759387.5,	127.3,	1.5);
(406112.5, 3759337.5,	128.5,	1.5);	(406112.5, 3759287.5,	127.5,	1.5);
(406112.5, 3759237.5,	123.2,	1.5);	(406112.5, 3759187.5,	121.2,	1.5);
(406112.5, 3759137.5,	119.0,	1.5);	(406112.5, 3759087.5,	117.0,	1.5);
(406112.5, 3759037.5,	115.2,	1.5);	(406112.5, 3758987.5,	114.0,	1.5);
(406112.5, 3758937.5,	111.3,	1.5);	(406112.5, 3758887.5,	109.2,	1.5);
(406112.5, 3758837.5,	107.3,	1.5);	(406112.5, 3758787.5,	104.9,	1.5);
(406112.5, 3758737.5,	102.3,	1.5);	(406112.5, 3758687.5,	100.9,	1.5);
(406112.5, 3758637.5,	99.0,	1.5);	(406162.5, 3759987.5,	155.4,	1.5);
(406162.5, 3759837.5,	153.4,	1.5);	(406162.5, 3759787.5,	154.2,	1.5);
(406162.5, 3759437.5,	137.1,	1.5);	(406162.5, 3759387.5,	138.5,	1.5);
(406162.5, 3759337.5,	137.8,	1.5);	(406162.5, 3759287.5,	132.2,	1.5);
(406162.5, 3759237.5,	126.2,	1.5);	(406162.5, 3759187.5,	123.2,	1.5);
(406162.5, 3759137.5,	120.9,	1.5);	(406162.5, 3759087.5,	119.0,	1.5);
(406162.5, 3759037.5,	117.3,	1.5);	(406162.5, 3758987.5,	116.0,	1.5);
(406162.5, 3758937.5,	113.2,	1.5);	(406162.5, 3758887.5,	111.0,	1.5);
(406162.5, 3758837.5,	109.0,	1.5);	(406162.5, 3758787.5,	105.9,	1.5);
(406162.5, 3758737.5,	103.0,	1.5);	(406162.5, 3758687.5,	102.0,	1.5);
(406162.5, 3758637.5,	100.0,	1.5);	(406212.5, 3759437.5,	151.9,	1.5);
(406212.5, 3759387.5,	147.2,	1.5);	(406212.5, 3759337.5,	141.0,	1.5);
(406212.5, 3759287.5,	134.9,	1.5);	(406212.5, 3759237.5,	128.2,	1.5);
(406212.5, 3759187.5,	125.0,	1.5);	(406212.5, 3759137.5,	123.0,	1.5);
(406212.5, 3759087.5,	120.9,	1.5);	(406212.5, 3759037.5,	118.9,	1.5);
(406212.5, 3758987.5,	117.0,	1.5);	(406212.5, 3758937.5,	114.9,	1.5);
(406212.5, 3758887.5,	112.0,	1.5);	(406212.5, 3758837.5,	109.2,	1.5);
(406212.5, 3758787.5,	107.0,	1.5);	(406212.5, 3758737.5,	104.0,	1.5);
(406212.5, 3758687.5,	103.0,	1.5);	(406212.5, 3758637.5,	102.0,	1.5);
(406262.5, 3759437.5,	153.2,	1.5);	(406262.5, 3759387.5,	149.5,	1.5);

* *** ICSCT3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

07/29/11

*** ANALYSIS ANNUAL NOx emissions

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**MODELOPTs:

CONC URBAN ELEV FLGPOL

NOCALM

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*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZFLAG)

(METERS)

(406262.5, 3759337.5,	139.9,	1.5);	(406262.5, 3759287.5,	135.9,	1.5);
(406262.5, 3759237.5,	131.2,	1.5);	(406262.5, 3759187.5,	126.9,	1.5);
(406262.5, 3759137.5,	124.0,	1.5);	(406262.5, 3759087.5,	122.0,	1.5);
(406262.5, 3759037.5,	119.9,	1.5);	(406262.5, 3758987.5,	117.0,	1.5);
(406262.5, 3758937.5,	114.9,	1.5);	(406262.5, 3758887.5,	112.0,	1.5);
(406262.5, 3758837.5,	109.7,	1.5);	(406262.5, 3758787.5,	108.0,	1.5);
(406262.5, 3758737.5,	105.0,	1.5);	(406262.5, 3758687.5,	104.0,	1.5);
(406262.5, 3758637.5,	103.0,	1.5);	(406312.5, 3759437.5,	155.9,	1.5);
(406312.5, 3759387.5,	153.9,	1.5);	(406312.5, 3759337.5,	144.2,	1.5);
(406312.5, 3759287.5,	138.0,	1.5);	(406312.5, 3759237.5,	133.0,	1.5);
(406312.5, 3759187.5,	128.0,	1.5);	(406312.5, 3759137.5,	124.9,	1.5);
(406312.5, 3759087.5,	122.0,	1.5);	(406312.5, 3759037.5,	119.9,	1.5);
(406312.5, 3758987.5,	117.0,	1.5);	(406312.5, 3758937.5,	114.0,	1.5);
(406312.5, 3758887.5,	112.0,	1.5);	(406312.5, 3758837.5,	109.9,	1.5);
(406312.5, 3758787.5,	108.0,	1.5);	(406312.5, 3758737.5,	106.0,	1.5);
(406312.5, 3758687.5,	105.0,	1.5);	(406312.5, 3758637.5,	104.2,	1.5);
(406362.5, 3759437.5,	151.1,	1.5);	(406362.5, 3759387.5,	148.1,	1.5);
(406362.5, 3759337.5,	143.6,	1.5);	(406362.5, 3759287.5,	136.9,	1.5);
(406362.5, 3759237.5,	133.0,	1.5);	(406362.5, 3759187.5,	128.9,	1.5);
(406362.5, 3759137.5,	125.9,	1.5);	(406362.5, 3759087.5,	123.0,	1.5);
(406362.5, 3759037.5,	120.0,	1.5);	(406362.5, 3758987.5,	117.0,	1.5);
(406362.5, 3758937.5,	114.9,	1.5);	(406362.5, 3758887.5,	111.7,	1.5);
(406362.5, 3758837.5,	109.0,	1.5);	(406362.5, 3758787.5,	108.0,	1.5);
(406362.5, 3758737.5,	107.3,	1.5);	(406362.5, 3758687.5,	107.0,	1.5);

Appendix B

NOx Annual Emissions Unmitigated

(406362.5, 3758637.5, 106.0, 1.5);	(406412.5, 3759337.5, 138.9, 1.5);
(406412.5, 3759287.5, 136.0, 1.5);	(406412.5, 3759237.5, 134.0, 1.5);
(406412.5, 3759187.5, 129.9, 1.5);	(406412.5, 3759137.5, 126.0, 1.5);
(406412.5, 3759087.5, 123.0, 1.5);	(406412.5, 3759037.5, 120.0, 1.5);
(406412.5, 3758987.5, 118.0, 1.5);	(406412.5, 3758937.5, 115.2, 1.5);
(406412.5, 3758887.5, 110.9, 1.5);	(406412.5, 3758837.5, 109.0, 1.5);
(406412.5, 3758787.5, 108.3, 1.5);	(406412.5, 3758737.5, 109.0, 1.5);
(406412.5, 3758687.5, 109.0, 1.5);	(406412.5, 3758637.5, 108.2, 1.5);
(406462.5, 3759287.5, 136.9, 1.5);	(406462.5, 3759237.5, 133.9, 1.5);
(406462.5, 3759187.5, 129.9, 1.5);	(406462.5, 3759137.5, 125.9, 1.5);
(406462.5, 3759087.5, 122.0, 1.5);	(406462.5, 3759037.5, 120.0, 1.5);
(406462.5, 3758987.5, 118.0, 1.5);	(406462.5, 3758937.5, 116.0, 1.5);
(406462.5, 3758887.5, 112.2, 1.5);	(406462.5, 3758837.5, 109.2, 1.5);
(406462.5, 3758787.5, 110.2, 1.5);	(406462.5, 3758737.5, 110.2, 1.5);
(406462.5, 3758687.5, 110.9, 1.5);	(406462.5, 3758637.5, 109.2, 1.5);
(406512.5, 3759287.5, 138.0, 1.5);	(406512.5, 3759237.5, 134.0, 1.5);
(406512.5, 3759187.5, 129.2, 1.5);	(406512.5, 3759137.5, 126.2, 1.5);
(406512.5, 3759087.5, 123.9, 1.5);	(406512.5, 3759037.5, 121.2, 1.5);
(406512.5, 3758987.5, 118.9, 1.5);	(406512.5, 3758937.5, 116.7, 1.5);
(406512.5, 3758887.5, 114.0, 1.5);	(406512.5, 3758837.5, 114.2, 1.5);
(406512.5, 3758787.5, 113.3, 1.5);	(406512.5, 3758737.5, 113.3, 1.5);

* *** ISCS3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT ***
 *** ANALYSIS ANNUAL NOx emissions ***
 **MODELOPTs:

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CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406512.5, 3758687.5, 112.3, 1.5);	(406512.5, 3758637.5, 111.3, 1.5);
(406562.5, 3759237.5, 135.2, 1.5);	(406562.5, 3759187.5, 131.9, 1.5);
(406562.5, 3759137.5, 128.0, 1.5);	(406562.5, 3759087.5, 125.2, 1.5);
(406562.5, 3759037.5, 123.0, 1.5);	(406562.5, 3758987.5, 119.9, 1.5);
(406562.5, 3758937.5, 116.3, 1.5);	(406562.5, 3758887.5, 116.3, 1.5);
(406562.5, 3758837.5, 117.3, 1.5);	(406562.5, 3758787.5, 116.3, 1.5);
(406562.5, 3758737.5, 115.9, 1.5);	(406562.5, 3758687.5, 114.2, 1.5);
(406562.5, 3758637.5, 113.0, 1.5);	(406562.5, 3758587.5, 111.0, 1.5);
(406612.5, 3759187.5, 134.2, 1.5);	(406612.5, 3759137.5, 130.2, 1.5);
(406612.5, 3759087.5, 126.9, 1.5);	(406612.5, 3759037.5, 123.0, 1.5);
(406612.5, 3758987.5, 120.9, 1.5);	(406612.5, 3758937.5, 121.2, 1.5);
(406612.5, 3758887.5, 121.2, 1.5);	(406612.5, 3758837.5, 120.0, 1.5);
(406612.5, 3758787.5, 118.0, 1.5);	(406612.5, 3758737.5, 117.0, 1.5);
(406612.5, 3758687.5, 115.9, 1.5);	(406612.5, 3758637.5, 113.0, 1.5);
(406612.5, 3758587.5, 111.0, 1.5);	(406662.5, 3759187.5, 135.9, 1.5);
(406662.5, 3759137.5, 130.9, 1.5);	(406662.5, 3759087.5, 128.0, 1.5);
(406662.5, 3759037.5, 125.2, 1.5);	(406662.5, 3758987.5, 124.5, 1.5);
(406662.5, 3758937.5, 125.0, 1.5);	(406662.5, 3758887.5, 123.0, 1.5);
(406662.5, 3758837.5, 122.0, 1.5);	(406662.5, 3758787.5, 119.0, 1.5);
(406662.5, 3758737.5, 117.0, 1.5);	(406712.5, 3759137.5, 131.2, 1.5);
(406712.5, 3759087.5, 131.3, 1.5);	(406712.5, 3759037.5, 130.5, 1.5);
(406712.5, 3758987.5, 129.2, 1.5);	(406712.5, 3758937.5, 128.0, 1.5);
(406712.5, 3758887.5, 123.7, 1.5);	(406712.5, 3758837.5, 113.9, 1.5);
(406762.5, 3759037.5, 136.2, 1.5);	(406762.5, 3758987.5, 131.9, 1.5);
(406762.5, 3758937.5, 127.0, 1.5);	(406762.5, 3758837.5, 118.3, 1.5);
(406762.5, 3758837.5, 116.7, 1.5);	(406762.5, 3758737.5, 114.0, 1.5);
(406812.5, 3758987.5, 132.6, 1.5);	(406812.5, 3758687.5, 121.2, 1.5);
(406812.5, 3758637.5, 117.3, 1.5);	(406812.5, 3758587.5, 115.6, 1.5);
(406862.5, 3758737.5, 124.0, 1.5);	(406862.5, 3758687.5, 122.0, 1.5);
(406862.5, 3758637.5, 118.0, 1.5);	(406862.5, 3758587.5, 108.7, 1.5);
(406912.5, 3758787.5, 127.0, 1.5);	(406912.5, 3758737.5, 123.0, 1.5);
(406912.5, 3758687.5, 120.0, 1.5);	(406912.5, 3758637.5, 116.6, 1.5);
(406912.5, 3758587.5, 115.3, 1.5);	(406962.5, 3758737.5, 123.0, 1.5);
(406962.5, 3758687.5, 119.9, 1.5);	(406962.5, 3758637.5, 115.0, 1.5);
(406962.5, 3758587.5, 117.0, 1.5);	(407012.5, 3758687.5, 118.9, 1.5);
(407012.5, 3758637.5, 115.3, 1.5);	(407012.5, 3758587.5, 119.3, 1.5);
(407062.5, 3758687.5, 117.0, 1.5);	(407062.5, 3758637.5, 118.6, 1.5);
(407062.5, 3758587.5, 122.0, 1.5);	(407112.5, 3758637.5, 123.3, 1.5);
(407112.5, 3758587.5, 125.0, 1.5);	(407162.5, 3758637.5, 127.0, 1.5);
(407162.5, 3758587.5, 127.0, 1.5);	(407212.5, 3758637.5, 132.0, 1.5);
(407212.5, 3758587.5, 136.3, 1.5);	(407262.5, 3758637.5, 137.3, 1.5);
(407262.5, 3758587.5, 138.3, 1.5);	(407312.5, 3758637.5, 142.3, 1.5);
(407312.5, 3758587.5, 141.2, 1.5);	(407362.5, 3758637.5, 146.2, 1.5);
(407362.5, 3758587.5, 146.2, 1.5);	(407412.5, 3758637.5, 152.2, 1.5);
(407412.5, 3758587.5, 153.3, 1.5);	(407462.5, 3758637.5, 152.7, 1.5);

Appendix B

NOx Annual Emissions Unmitigated

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL NOx emissions

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(407462.5, 3758587.5, 155.0, 1.5);	(407512.5, 3758637.5, 146.7, 1.5);
(407512.5, 3758587.5, 146.1, 1.5);	(407562.5, 3758637.5, 0.0, 1.5);
(407562.5, 3758587.5, 0.0, 1.5);	(407612.5, 3758637.5, 0.0, 1.5);
(407612.5, 3758587.5, 0.0, 1.5);	(407662.5, 3758637.5, 0.0, 1.5);
(407662.5, 3758587.5, 0.0, 1.5);	(407712.5, 3758637.5, 0.0, 1.5);
(407712.5, 3758587.5, 0.0, 1.5);	(407762.5, 3758637.5, 0.0, 1.5);
(407762.5, 3758587.5, 0.0, 1.5);	(407812.5, 3758637.5, 0.0, 1.5);
(407812.5, 3758587.5, 0.0, 1.5);	(407862.5, 3758637.5, 0.0, 1.5);
(407862.5, 3758587.5, 0.0, 1.5);	(407912.5, 3758637.5, 0.0, 1.5);
(407912.5, 3758587.5, 0.0, 1.5);	(407962.5, 3758637.5, 0.0, 1.5);
(407962.5, 3758587.5, 0.0, 1.5);	(408012.5, 3758637.5, 0.0, 1.5);
(408012.5, 3758587.5, 0.0, 1.5);	(408062.5, 3758637.5, 0.0, 1.5);
(408062.5, 3758587.5, 0.0, 1.5);	(408112.5, 3758637.5, 0.0, 1.5);
(408112.5, 3758587.5, 0.0, 1.5);	(405987.5, 3758537.5, 93.0, 1.5);
(406012.5, 3758537.5, 94.0, 1.5);	(406037.5, 3758537.5, 94.7, 1.5);
(406062.5, 3758537.5, 95.0, 1.5);	(406087.5, 3758537.5, 96.0, 1.5);
(406112.5, 3758537.5, 96.3, 1.5);	(406137.5, 3758537.5, 97.0, 1.5);
(406162.5, 3758537.5, 98.0, 1.5);	(406187.5, 3758537.5, 98.8, 1.5);
(406212.5, 3758537.5, 99.9, 1.5);	(406237.5, 3758537.5, 100.8, 1.5);
(406262.5, 3758537.5, 102.0, 1.5);	(406287.5, 3758537.5, 103.0, 1.5);
(406312.5, 3758537.5, 104.0, 1.5);	(406337.5, 3758537.5, 104.7, 1.5);
(406362.5, 3758537.5, 105.0, 1.5);	(406387.5, 3758537.5, 105.7, 1.5);
(406412.5, 3758537.5, 106.0, 1.5);	(406437.5, 3758537.5, 107.0, 1.5);
(406462.5, 3758537.5, 108.0, 1.5);	(406487.5, 3758537.5, 108.0, 1.5);
(406512.5, 3758537.5, 109.0, 1.5);	(406562.5, 3758537.5, 109.0, 1.5);
(406612.5, 3758537.5, 109.9, 1.5);	(406662.5, 3758537.5, 109.0, 1.5);
(406712.5, 3758537.5, 109.9, 1.5);	(406762.5, 3758537.5, 109.0, 1.5);
(406812.5, 3758537.5, 110.0, 1.5);	(406862.5, 3758537.5, 111.3, 1.5);
(406912.5, 3758537.5, 114.9, 1.5);	(406962.5, 3758537.5, 118.5, 1.5);
(407012.5, 3758537.5, 122.0, 1.5);	(407062.5, 3758537.5, 123.0, 1.5);
(407112.5, 3758537.5, 127.0, 1.5);	(407162.5, 3758537.5, 130.0, 1.5);
(407212.5, 3758537.5, 141.0, 1.5);	(407262.5, 3758537.5, 142.0, 1.5);
(407312.5, 3758537.5, 147.0, 1.5);	(407362.5, 3758537.5, 147.3, 1.5);
(407412.5, 3758537.5, 151.2, 1.5);	(407462.5, 3758537.5, 158.3, 1.5);
(407512.5, 3758537.5, 148.4, 1.5);	(407562.5, 3758537.5, 0.0, 1.5);
(407612.5, 3758537.5, 0.0, 1.5);	(407662.5, 3758537.5, 0.0, 1.5);
(407712.5, 3758537.5, 0.0, 1.5);	(407762.5, 3758537.5, 0.0, 1.5);
(407812.5, 3758537.5, 0.0, 1.5);	(407862.5, 3758537.5, 0.0, 1.5);
(407912.5, 3758537.5, 0.0, 1.5);	(407962.5, 3758537.5, 0.0, 1.5);
(408012.5, 3758537.5, 0.0, 1.5);	(408062.5, 3758537.5, 0.0, 1.5);
(408112.5, 3758537.5, 0.0, 1.5);	(405962.5, 3758587.5, 94.0, 1.5);
(406012.5, 3758587.5, 95.0, 1.5);	(406062.5, 3758587.5, 96.0, 1.5);
(406112.5, 3758587.5, 97.0, 1.5);	(406162.5, 3758587.5, 99.0, 1.5);
(406212.5, 3758587.5, 100.9, 1.5);	(406262.5, 3758587.5, 102.3, 1.5);
(406312.5, 3758587.5, 104.2, 1.5);	(406362.5, 3758587.5, 105.2, 1.5);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL NOx emissions

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406412.5, 3758587.5, 107.0, 1.5);	(406462.5, 3758587.5, 109.0, 1.5);
(406512.5, 3758587.5, 110.0, 1.5);	(405987.5, 3760012.5, 229.9, 1.5);
(405987.5, 3759962.5, 223.9, 1.5);	(405987.5, 3759912.5, 217.2, 1.5);
(405987.5, 3759862.5, 205.0, 1.5);	(405987.5, 3759812.5, 194.2, 1.5);
(405987.5, 3759762.5, 190.0, 1.5);	(405987.5, 3759712.5, 179.8, 1.5);
(405987.5, 3759662.5, 165.8, 1.5);	(405987.5, 3759612.5, 161.8, 1.5);
(405987.5, 3759562.5, 160.3, 1.5);	(405987.5, 3759512.5, 162.0, 1.5);
(405987.5, 3759462.5, 161.3, 1.5);	(405987.5, 3759412.5, 153.1, 1.5);
(405987.5, 3759362.5, 143.5, 1.5);	(405987.5, 3759312.5, 134.9, 1.5);
(405987.5, 3759262.5, 126.7, 1.5);	(405987.5, 3759212.5, 116.1, 1.5);
(405987.5, 3759162.5, 115.0, 1.5);	(405987.5, 3759112.5, 113.4, 1.5);

Appendix B

NOx Annual Emissions Unmitigated

(405987.5, 3759062.5, 110.9, 1.5);	(405987.5, 3759012.5, 109.0, 1.5);		
(405987.5, 3758962.5, 108.4, 1.5);	(405987.5, 3758912.5, 106.3, 1.5);		
(405987.5, 3758862.5, 104.3, 1.5);	(405987.5, 3758812.5, 102.0, 1.5);		
(405987.5, 3758762.5, 100.3, 1.5);	(405987.5, 3758712.5, 98.4, 1.5);		
(405987.5, 3758662.5, 96.4, 1.5);	(406037.5, 3760012.5, 220.7, 1.5);		
(406037.5, 3759812.5, 181.5, 1.5);	(406037.5, 3759762.5, 179.4, 1.5);		
(406037.5, 3759712.5, 178.3, 1.5);	(406037.5, 3759662.5, 166.4, 1.5);		
(406037.5, 3759612.5, 162.4, 1.5);	(406037.5, 3759562.5, 159.6, 1.5);		
(406037.5, 3759512.5, 152.9, 1.5);	(406037.5, 3759462.5, 142.7, 1.5);		
(406037.5, 3759412.5, 141.3, 1.5);	(406037.5, 3759362.5, 135.4, 1.5);		
(406037.5, 3759312.5, 133.1, 1.5);	(406037.5, 3759262.5, 122.8, 1.5);		
(406037.5, 3759212.5, 119.2, 1.5);	(406037.5, 3759162.5, 116.9, 1.5);		
(406037.5, 3759112.5, 115.0, 1.5);	(406037.5, 3759062.5, 112.9, 1.5);		
(406037.5, 3759012.5, 111.7, 1.5);	(406037.5, 3758962.5, 110.3, 1.5);		
(406037.5, 3758912.5, 108.0, 1.5);	(406037.5, 3758862.5, 105.0, 1.5);		
(406037.5, 3758812.5, 103.8, 1.5);	(406037.5, 3758762.5, 101.9, 1.5);		
(406037.5, 3758712.5, 99.5, 1.5);	(406037.5, 3758662.5, 97.9, 1.5);		
(406087.5, 3760012.5, 200.6, 1.5);	(406087.5, 3759812.5, 152.7, 1.5);		
(406087.5, 3759762.5, 150.3, 1.5);	(406087.5, 3759712.5, 151.5, 1.5);		
(406087.5, 3759662.5, 147.4, 1.5);	(406087.5, 3759612.5, 149.3, 1.5);		
(406087.5, 3759562.5, 143.9, 1.5);	(406087.5, 3759512.5, 142.0, 1.5);		
(406087.5, 3759462.5, 139.0, 1.5);	(406087.5, 3759412.5, 130.1, 1.5);		
(406087.5, 3759362.5, 128.3, 1.5);	(406087.5, 3759312.5, 127.5, 1.5);		
(406087.5, 3759262.5, 122.2, 1.5);	(406087.5, 3759212.5, 120.3, 1.5);		
(406087.5, 3759162.5, 119.0, 1.5);	(406087.5, 3759112.5, 116.9, 1.5);		
(406087.5, 3759062.5, 115.0, 1.5);	(406087.5, 3759012.5, 113.8, 1.5);		
(406087.5, 3758962.5, 111.4, 1.5);	(406087.5, 3758912.5, 109.3, 1.5);		
(406087.5, 3758862.5, 107.4, 1.5);	(406087.5, 3758812.5, 105.0, 1.5);		
(406087.5, 3758762.5, 103.0, 1.5);	(406087.5, 3758712.5, 101.0, 1.5);		
(406087.5, 3758662.5, 99.0, 1.5);	(406137.5, 3760012.5, 175.9, 1.5);		
(406137.5, 3759812.5, 147.9, 1.5);	(406137.5, 3759762.5, 147.9, 1.5);		
(406137.5, 3759712.5, 147.5, 1.5);	(406137.5, 3759662.5, 145.6, 1.5);		
(406137.5, 3759612.5, 143.0, 1.5);	(406137.5, 3759562.5, 140.5, 1.5);		
(406137.5, 3759512.5, 133.1, 1.5);	(406137.5, 3759462.5, 130.0, 1.5);		
• *** ISCSST3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT	***	07/29/11
	*** ANALYSIS ANNUAL NOx emissions	***	11:06:58
**MODELOPTs:			PAGE 37
CONC	URBAN ELEV FLGPOL	NOCALM	

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406137.5, 3759412.5, 132.0, 1.5);	(406137.5, 3759362.5, 133.0, 1.5);
(406137.5, 3759312.5, 133.0, 1.5);	(406137.5, 3759262.5, 127.2, 1.5);
(406137.5, 3759212.5, 123.4, 1.5);	(406137.5, 3759162.5, 121.3, 1.5);
(406137.5, 3759112.5, 119.0, 1.5);	(406137.5, 3759062.5, 116.9, 1.5);
(406137.5, 3759012.5, 116.0, 1.5);	(406137.5, 3758962.5, 113.8, 1.5);
(406137.5, 3758912.5, 111.3, 1.5);	(406137.5, 3758862.5, 109.0, 1.5);
(406137.5, 3758812.5, 106.4, 1.5);	(406137.5, 3758762.5, 104.3, 1.5);
(406137.5, 3758712.5, 102.0, 1.5);	(406137.5, 3758662.5, 100.3, 1.5);
(406187.5, 3759412.5, 146.6, 1.5);	(406187.5, 3759362.5, 141.2, 1.5);
(406187.5, 3759312.5, 138.7, 1.5);	(406187.5, 3759262.5, 130.3, 1.5);
(406187.5, 3759212.5, 125.9, 1.5);	(406187.5, 3759162.5, 123.0, 1.5);
(406187.5, 3759112.5, 120.9, 1.5);	(406187.5, 3759062.5, 118.8, 1.5);
(406187.5, 3759012.5, 117.3, 1.5);	(406187.5, 3758962.5, 115.9, 1.5);
(406187.5, 3758912.5, 112.4, 1.5);	(406187.5, 3758862.5, 110.5, 1.5);
(406187.5, 3758812.5, 108.0, 1.5);	(406187.5, 3758762.5, 105.0, 1.5);
(406187.5, 3758712.5, 102.9, 1.5);	(406187.5, 3758662.5, 101.9, 1.5);
(406237.5, 3759412.5, 150.2, 1.5);	(406237.5, 3759362.5, 144.1, 1.5);
(406237.5, 3759312.5, 138.1, 1.5);	(406237.5, 3759262.5, 133.3, 1.5);
(406237.5, 3759212.5, 127.3, 1.5);	(406237.5, 3759162.5, 124.4, 1.5);
(406237.5, 3759112.5, 122.9, 1.5);	(406237.5, 3759062.5, 120.3, 1.5);
(406237.5, 3759012.5, 118.0, 1.5);	(406237.5, 3758962.5, 116.0, 1.5);
(406237.5, 3758912.5, 113.4, 1.5);	(406237.5, 3758862.5, 111.0, 1.5);
(406237.5, 3758812.5, 108.4, 1.5);	(406237.5, 3758762.5, 105.5, 1.5);
(406237.5, 3758712.5, 104.0, 1.5);	(406237.5, 3758662.5, 102.9, 1.5);
(406287.5, 3759412.5, 153.8, 1.5);	(406287.5, 3759362.5, 146.7, 1.5);
(406287.5, 3759312.5, 138.8, 1.5);	(406287.5, 3759262.5, 134.4, 1.5);
(406287.5, 3759212.5, 129.4, 1.5);	(406287.5, 3759162.5, 126.0, 1.5);
(406287.5, 3759112.5, 123.0, 1.5);	(406287.5, 3759062.5, 121.0, 1.5);
(406287.5, 3759012.5, 118.4, 1.5);	(406287.5, 3758962.5, 116.0, 1.5);
(406287.5, 3758912.5, 113.4, 1.5);	(406287.5, 3758862.5, 110.9, 1.5);
(406287.5, 3758812.5, 108.4, 1.5);	(406287.5, 3758762.5, 106.4, 1.5);
(406287.5, 3758712.5, 105.0, 1.5);	(406287.5, 3758662.5, 104.0, 1.5);

Appendix B

NOx Annual Emissions Unmitigated

(406337.5, 3759412.5,	153.6,	1.5);	(406337.5, 3759362.5,	149.5,	1.5);
(406337.5, 3759312.5,	140.9,	1.5);	(406337.5, 3759262.5,	135.5,	1.5);
(406337.5, 3759212.5,	130.5,	1.5);	(406337.5, 3759162.5,	127.3,	1.5);
(406337.5, 3759112.5,	123.4,	1.5);	(406337.5, 3759062.5,	121.0,	1.5);
(406337.5, 3759012.5,	118.4,	1.5);	(406337.5, 3758962.5,	115.5,	1.5);
(406337.5, 3758912.5,	113.0,	1.5);	(406337.5, 3758862.5,	110.6,	1.5);
(406337.5, 3758812.5,	109.0,	1.5);	(406337.5, 3758762.5,	107.0,	1.5);
(406337.5, 3758712.5,	106.0,	1.5);	(406337.5, 3758662.5,	105.8,	1.5);
(406387.5, 3759362.5,	141.9,	1.5);	(406387.5, 3759312.5,	138.7,	1.5);
(406387.5, 3759262.5,	134.3,	1.5);	(406387.5, 3759212.5,	131.4,	1.5);
(406387.5, 3759162.5,	127.4,	1.5);	(406387.5, 3759112.5,	124.4,	1.5);
(406387.5, 3759062.5,	122.0,	1.5);	(406387.5, 3759012.5,	119.0,	1.5);
(406387.5, 3758962.5,	116.3,	1.5);	(406387.5, 3758912.5,	113.4,	1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL NOx emissions

*** 07/29/11
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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406387.5, 3758862.5,	109.5,	1.5);	(406387.5, 3758812.5,	108.0,	1.5);
(406387.5, 3758762.5,	108.0,	1.5);	(406387.5, 3758712.5,	108.0,	1.5);
(406387.5, 3758662.5,	107.7,	1.5);	(406437.5, 3759312.5,	137.4,	1.5);
(406437.5, 3759262.5,	135.1,	1.5);	(406437.5, 3759212.5,	131.9,	1.5);
(406437.5, 3759162.5,	127.4,	1.5);	(406437.5, 3759112.5,	124.4,	1.5);
(406437.5, 3759062.5,	121.4,	1.5);	(406437.5, 3759012.5,	119.5,	1.5);
(406437.5, 3758962.5,	117.0,	1.5);	(406437.5, 3758912.5,	114.2,	1.5);
(406437.5, 3758862.5,	109.3,	1.5);	(406437.5, 3758812.5,	109.0,	1.5);
(406437.5, 3758762.5,	109.0,	1.5);	(406437.5, 3758712.5,	109.4,	1.5);
(406437.5, 3758662.5,	109.0,	1.5);	(406487.5, 3759312.5,	138.3,	1.5);
(406487.5, 3759262.5,	135.5,	1.5);	(406487.5, 3759212.5,	131.4,	1.5);
(406487.5, 3759162.5,	127.1,	1.5);	(406487.5, 3759112.5,	124.4,	1.5);
(406487.5, 3759062.5,	121.9,	1.5);	(406487.5, 3759012.5,	119.8,	1.5);
(406487.5, 3758962.5,	117.4,	1.5);	(406487.5, 3758912.5,	115.5,	1.5);
(406487.5, 3758862.5,	111.9,	1.5);	(406487.5, 3758812.5,	111.3,	1.5);
(406487.5, 3758762.5,	112.0,	1.5);	(406487.5, 3758712.5,	112.0,	1.5);
(406487.5, 3758662.5,	111.0,	1.5);	(406537.5, 3759262.5,	136.4,	1.5);
(406537.5, 3759212.5,	132.4,	1.5);	(406537.5, 3759162.5,	128.4,	1.5);
(406537.5, 3759112.5,	125.9,	1.5);	(406537.5, 3759062.5,	123.0,	1.5);
(406537.5, 3759012.5,	120.9,	1.5);	(406537.5, 3758962.5,	117.0,	1.5);
(406537.5, 3758912.5,	115.0,	1.5);	(406537.5, 3758862.5,	115.4,	1.5);
(406537.5, 3758812.5,	115.9,	1.5);	(406537.5, 3758762.5,	115.0,	1.5);
(406537.5, 3758712.5,	114.0,	1.5);	(406537.5, 3758662.5,	112.9,	1.5);
(406587.5, 3759212.5,	134.8,	1.5);	(406587.5, 3759162.5,	131.2,	1.5);
(406587.5, 3759112.5,	127.3,	1.5);	(406587.5, 3759062.5,	124.4,	1.5);
(406587.5, 3759012.5,	121.4,	1.5);	(406587.5, 3758962.5,	118.8,	1.5);
(406587.5, 3758912.5,	118.8,	1.5);	(406587.5, 3758862.5,	119.3,	1.5);
(406587.5, 3758812.5,	118.0,	1.5);	(406587.5, 3758762.5,	116.9,	1.5);
(406587.5, 3758712.5,	115.9,	1.5);	(406587.5, 3758662.5,	114.3,	1.5);
(406587.5, 3758612.5,	112.0,	1.5);	(406637.5, 3759212.5,	137.3,	1.5);
(406637.5, 3759162.5,	133.4,	1.5);	(406637.5, 3759112.5,	129.4,	1.5);
(406637.5, 3759062.5,	126.4,	1.5);	(406637.5, 3759012.5,	121.9,	1.5);
(406637.5, 3758962.5,	122.9,	1.5);	(406637.5, 3758912.5,	122.7,	1.5);
(406637.5, 3758862.5,	121.9,	1.5);	(406637.5, 3758812.5,	120.0,	1.5);
(406637.5, 3758762.5,	118.0,	1.5);	(406637.5, 3758712.5,	116.9,	1.5);
(406637.5, 3758662.5,	113.6,	1.5);	(406687.5, 3759162.5,	133.6,	1.5);
(406687.5, 3759112.5,	128.0,	1.5);	(406687.5, 3759062.5,	128.7,	1.5);
(406687.5, 3759012.5,	127.3,	1.5);	(406687.5, 3758962.5,	126.7,	1.5);
(406687.5, 3758912.5,	125.5,	1.5);	(406687.5, 3758862.5,	123.0,	1.5);
(406687.5, 3758762.5,	118.0,	1.5);	(406737.5, 3759112.5,	133.7,	1.5);
(406737.5, 3759062.5,	136.5,	1.5);	(406737.5, 3759012.5,	132.2,	1.5);
(406737.5, 3758962.5,	129.4,	1.5);	(406737.5, 3758912.5,	125.5,	1.5);
(406737.5, 3758862.5,	117.7,	1.5);	(406737.5, 3758812.5,	116.0,	1.5);
(406787.5, 3759012.5,	134.8,	1.5);	(406787.5, 3758962.5,	129.4,	1.5);
(406787.5, 3758712.5,	120.6,	1.5);	(406787.5, 3758662.5,	119.3,	1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL NOx emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)

Appendix B

NOx Annual Emissions Unmitigated

(METERS)

(406787.5, 3758612.5, 115.8, 1.5);	(406837.5, 3758712.5, 123.0, 1.5);
(406837.5, 3758662.5, 120.5, 1.5);	(406837.5, 3758612.5, 116.6, 1.5);
(406887.5, 3758762.5, 125.3, 1.5);	(406887.5, 3758712.5, 122.4, 1.5);
(406887.5, 3758662.5, 119.5, 1.5);	(406887.5, 3758612.5, 112.6, 1.5);
(406937.5, 3758762.5, 125.5, 1.5);	(406937.5, 3758712.5, 121.4, 1.5);
(406937.5, 3758662.5, 117.6, 1.5);	(406937.5, 3758612.5, 115.4, 1.5);
(406987.5, 3758712.5, 121.9, 1.5);	(406987.5, 3758662.5, 116.4, 1.5);
(406987.5, 3758612.5, 116.4, 1.5);	(407037.5, 3758712.5, 121.4, 1.5);
(407037.5, 3758662.5, 115.1, 1.5);	(407037.5, 3758612.5, 119.3, 1.5);
(407087.5, 3758662.5, 116.7, 1.5);	(407087.5, 3758612.5, 122.9, 1.5);
(407137.5, 3758662.5, 123.3, 1.5);	(407137.5, 3758612.5, 125.8, 1.5);
(407187.5, 3758662.5, 129.8, 1.5);	(407187.5, 3758612.5, 130.3, 1.5);
(407237.5, 3758662.5, 134.8, 1.5);	(407237.5, 3758612.5, 134.5, 1.5);
(407287.5, 3758662.5, 139.8, 1.5);	(407287.5, 3758612.5, 139.8, 1.5);
(407337.5, 3758662.5, 144.7, 1.5);	(407337.5, 3758612.5, 143.7, 1.5);
(407387.5, 3758662.5, 149.7, 1.5);	(407387.5, 3758612.5, 149.5, 1.5);
(407437.5, 3758662.5, 153.7, 1.5);	(407437.5, 3758612.5, 154.4, 1.5);
(407487.5, 3758662.5, 152.4, 1.5);	(407487.5, 3758612.5, 149.5, 1.5);
(407537.5, 3758662.5, 0.0, 1.5);	(407537.5, 3758612.5, 0.0, 1.5);
(407587.5, 3758662.5, 0.0, 1.5);	(407587.5, 3758612.5, 0.0, 1.5);
(407637.5, 3758612.5, 0.0, 1.5);	(407687.5, 3758612.5, 0.0, 1.5);
(407737.5, 3758612.5, 0.0, 1.5);	(407787.5, 3758612.5, 0.0, 1.5);
(407837.5, 3758612.5, 0.0, 1.5);	(407887.5, 3758612.5, 0.0, 1.5);
(407937.5, 3758612.5, 0.0, 1.5);	(407987.5, 3758612.5, 0.0, 1.5);
(408037.5, 3758612.5, 0.0, 1.5);	(408087.5, 3758612.5, 0.0, 1.5);
(405987.5, 3758612.5, 95.0, 1.5);	(406037.5, 3758612.5, 96.3, 1.5);
(406087.5, 3758612.5, 97.4, 1.5);	(406137.5, 3758612.5, 98.4, 1.5);
(406187.5, 3758612.5, 100.3, 1.5);	(406237.5, 3758612.5, 102.0, 1.5);
(406287.5, 3758612.5, 103.8, 1.5);	(406337.5, 3758612.5, 105.0, 1.5);
(406387.5, 3758612.5, 106.9, 1.5);	(406437.5, 3758612.5, 108.8, 1.5);
(406487.5, 3758612.5, 110.0, 1.5);	(406512.5, 3758562.5, 109.1, 1.5);
(406537.5, 3758612.5, 111.3, 1.5);	(406562.5, 3758562.5, 110.0, 1.5);
(406612.5, 3758562.5, 110.8, 1.5);	(406662.5, 3758562.5, 110.0, 1.5);
(406712.5, 3758562.5, 112.0, 1.5);	(406762.5, 3758562.5, 112.0, 1.5);
(406812.5, 3758562.5, 110.7, 1.5);	(406862.5, 3758562.5, 109.8, 1.5);
(406912.5, 3758562.5, 116.1, 1.5);	(406962.5, 3758562.5, 118.1, 1.5);
(407012.5, 3758562.5, 120.6, 1.5);	(407062.5, 3758562.5, 122.6, 1.5);
(407112.5, 3758562.5, 126.1, 1.5);	(407162.5, 3758562.5, 127.1, 1.5);
(407212.5, 3758562.5, 139.0, 1.5);	(407262.5, 3758562.5, 139.8, 1.5);
(407312.5, 3758562.5, 142.0, 1.5);	(407362.5, 3758562.5, 146.2, 1.5);
(407412.5, 3758562.5, 152.1, 1.5);	(407462.5, 3758562.5, 157.2, 1.5);
(407512.5, 3758562.5, 147.3, 1.5);	(407562.5, 3758562.5, 0.0, 1.5);
(407612.5, 3758562.5, 0.0, 1.5);	(407662.5, 3758562.5, 0.0, 1.5);
(407712.5, 3758562.5, 0.0, 1.5);	(407762.5, 3758562.5, 0.0, 1.5);
(407812.5, 3758562.5, 0.0, 1.5);	(407862.5, 3758562.5, 0.0, 1.5);

*** ISCSST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

*** ANALYSIS ANNUAL NOx emissions

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**MODELOPTs:

CONC URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZFLAG)

(METERS)

(407912.5, 3758562.5, 0.0, 1.5);	(407962.5, 3758562.5, 0.0, 1.5);
(408012.5, 3758562.5, 0.0, 1.5);	(408062.5, 3758562.5, 0.0, 1.5);
(408112.5, 3758562.5, 0.0, 1.5);	(405987.5, 3759987.5, 228.1, 1.5);
(405987.5, 3759937.5, 218.6, 1.5);	(405987.5, 3759887.5, 212.3, 1.5);
(405987.5, 3759837.5, 197.9, 1.5);	(405987.5, 3759787.5, 191.2, 1.5);
(405987.5, 3759737.5, 190.5, 1.5);	(405987.5, 3759687.5, 168.9, 1.5);
(405987.5, 3759637.5, 163.7, 1.5);	(405987.5, 3759587.5, 159.7, 1.5);
(405987.5, 3759537.5, 161.8, 1.5);	(405987.5, 3759487.5, 162.0, 1.5);
(405987.5, 3759437.5, 158.7, 1.5);	(405987.5, 3759387.5, 148.9, 1.5);
(405987.5, 3759337.5, 139.7, 1.5);	(405987.5, 3759287.5, 129.9, 1.5);
(405987.5, 3759237.5, 122.7, 1.5);	(405987.5, 3759187.5, 115.0, 1.5);
(405987.5, 3759137.5, 114.7, 1.5);	(405987.5, 3759087.5, 112.0, 1.5);
(405987.5, 3759037.5, 109.0, 1.5);	(405987.5, 3758987.5, 109.0, 1.5);
(405987.5, 3758937.5, 107.7, 1.5);	(405987.5, 3758887.5, 105.0, 1.5);
(405987.5, 3758837.5, 103.0, 1.5);	(405987.5, 3758787.5, 101.0, 1.5);
(405987.5, 3758737.5, 99.0, 1.5);	(405987.5, 3758687.5, 97.7, 1.5);
(406037.5, 3759987.5, 215.7, 1.5);	(406037.5, 3759837.5, 192.5, 1.5);
(406037.5, 3759787.5, 184.0, 1.5);	(406037.5, 3759737.5, 179.8, 1.5);
(406037.5, 3759687.5, 170.7, 1.5);	(406037.5, 3759637.5, 164.2, 1.5);

Appendix B

NOx Annual Emissions Unmitigated

(406037.5, 3759587.5, 160.2, 1.5);	(406037.5, 3759537.5, 157.6, 1.5);
(406037.5, 3759487.5, 146.4, 1.5);	(406037.5, 3759437.5, 141.2, 1.5);
(406037.5, 3759387.5, 139.4, 1.5);	(406037.5, 3759337.5, 133.2, 1.5);
(406037.5, 3759287.5, 127.3, 1.5);	(406037.5, 3759237.5, 120.9, 1.5);
(406037.5, 3759187.5, 118.0, 1.5);	(406037.5, 3759137.5, 116.0, 1.5);
(406037.5, 3759087.5, 114.0, 1.5);	(406037.5, 3759037.5, 111.7, 1.5);
(406037.5, 3758987.5, 111.0, 1.5);	(406037.5, 3758937.5, 109.0, 1.5);
(406037.5, 3758887.5, 106.7, 1.5);	(406037.5, 3758837.5, 104.0, 1.5);
(406037.5, 3758787.5, 102.7, 1.5);	(406037.5, 3758737.5, 100.7, 1.5);
(406037.5, 3758687.5, 98.0, 1.5);	(406087.5, 3759987.5, 196.7, 1.5);
(406087.5, 3759837.5, 156.9, 1.5);	(406087.5, 3759787.5, 152.5, 1.5);
(406087.5, 3759737.5, 151.3, 1.5);	(406087.5, 3759687.5, 149.5, 1.5);
(406087.5, 3759637.5, 149.5, 1.5);	(406087.5, 3759587.5, 146.6, 1.5);
(406087.5, 3759537.5, 142.0, 1.5);	(406087.5, 3759487.5, 141.2, 1.5);
(406087.5, 3759437.5, 132.6, 1.5);	(406087.5, 3759387.5, 128.4, 1.5);
(406087.5, 3759337.5, 127.0, 1.5);	(406087.5, 3759287.5, 128.2, 1.5);
(406087.5, 3759237.5, 121.0, 1.5);	(406087.5, 3759187.5, 120.0, 1.5);
(406087.5, 3759137.5, 118.0, 1.5);	(406087.5, 3759087.5, 116.0, 1.5);
(406087.5, 3759037.5, 114.0, 1.5);	(406087.5, 3758987.5, 112.7, 1.5);
(406087.5, 3758937.5, 110.0, 1.5);	(406087.5, 3758887.5, 108.7, 1.5);
(406087.5, 3758837.5, 106.0, 1.5);	(406087.5, 3758787.5, 104.0, 1.5);
(406087.5, 3758737.5, 102.0, 1.5);	(406087.5, 3758687.5, 100.0, 1.5);
(406137.5, 3759987.5, 167.9, 1.5);	(406137.5, 3759837.5, 148.9, 1.5);
(406137.5, 3759787.5, 147.9, 1.5);	(406137.5, 3759737.5, 147.5, 1.5);
(406137.5, 3759687.5, 147.5, 1.5);	(406137.5, 3759637.5, 143.7, 1.5);
(406137.5, 3759587.5, 141.9, 1.5);	(406137.5, 3759537.5, 139.3, 1.5);

*** ISCST3 - VERSION 02035 ***
 *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL NOx emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406137.5, 3759487.5, 130.4, 1.5);	(406137.5, 3759437.5, 130.8, 1.5);
(406137.5, 3759387.5, 133.5, 1.5);	(406137.5, 3759337.5, 132.6, 1.5);
(406137.5, 3759287.5, 130.7, 1.5);	(406137.5, 3759237.5, 124.9, 1.5);
(406137.5, 3759187.5, 122.7, 1.5);	(406137.5, 3759137.5, 120.0, 1.5);
(406137.5, 3759087.5, 118.0, 1.5);	(406137.5, 3759037.5, 116.0, 1.5);
(406137.5, 3758987.5, 115.0, 1.5);	(406137.5, 3758937.5, 112.7, 1.5);
(406137.5, 3758887.5, 110.0, 1.5);	(406137.5, 3758837.5, 108.0, 1.5);
(406137.5, 3758787.5, 105.0, 1.5);	(406137.5, 3758737.5, 103.0, 1.5);
(406137.5, 3758687.5, 101.0, 1.5);	(406187.5, 3759437.5, 148.5, 1.5);
(406187.5, 3759387.5, 143.3, 1.5);	(406187.5, 3759337.5, 141.0, 1.5);
(406187.5, 3759287.5, 133.9, 1.5);	(406187.5, 3759237.5, 127.0, 1.5);
(406187.5, 3759187.5, 124.0, 1.5);	(406187.5, 3759137.5, 122.0, 1.5);
(406187.5, 3759087.5, 120.0, 1.5);	(406187.5, 3759037.5, 118.0, 1.5);
(406187.5, 3758987.5, 116.7, 1.5);	(406187.5, 3758937.5, 114.0, 1.5);
(406187.5, 3758887.5, 111.7, 1.5);	(406187.5, 3758837.5, 109.0, 1.5);
(406187.5, 3758787.5, 106.0, 1.5);	(406187.5, 3758737.5, 103.9, 1.5);
(406187.5, 3758687.5, 102.0, 1.5);	(406237.5, 3759437.5, 152.9, 1.5);
(406237.5, 3759387.5, 147.2, 1.5);	(406237.5, 3759337.5, 140.9, 1.5);
(406237.5, 3759287.5, 135.9, 1.5);	(406237.5, 3759237.5, 129.9, 1.5);
(406237.5, 3759187.5, 126.0, 1.5);	(406237.5, 3759137.5, 123.0, 1.5);
(406237.5, 3759087.5, 121.7, 1.5);	(406237.5, 3759037.5, 119.0, 1.5);
(406237.5, 3758987.5, 117.0, 1.5);	(406237.5, 3758937.5, 114.9, 1.5);
(406237.5, 3758887.5, 112.0, 1.5);	(406237.5, 3758837.5, 109.9, 1.5);
(406237.5, 3758787.5, 107.0, 1.5);	(406237.5, 3758737.5, 104.9, 1.5);
(406237.5, 3758687.5, 103.0, 1.5);	(406287.5, 3759437.5, 155.0, 1.5);
(406287.5, 3759387.5, 152.7, 1.5);	(406287.5, 3759337.5, 141.7, 1.5);
(406287.5, 3759287.5, 136.9, 1.5);	(406287.5, 3759237.5, 131.9, 1.5);
(406287.5, 3759187.5, 127.0, 1.5);	(406287.5, 3759137.5, 124.7, 1.5);
(406287.5, 3759087.5, 122.0, 1.5);	(406287.5, 3759037.5, 119.9, 1.5);
(406287.5, 3758987.5, 117.0, 1.5);	(406287.5, 3758937.5, 114.9, 1.5);
(406287.5, 3758887.5, 112.0, 1.5);	(406287.5, 3758837.5, 109.0, 1.5);
(406287.5, 3758787.5, 108.0, 1.5);	(406287.5, 3758737.5, 105.7, 1.5);
(406287.5, 3758687.5, 104.7, 1.5);	(406337.5, 3759437.5, 154.9, 1.5);
(406337.5, 3759387.5, 152.2, 1.5);	(406337.5, 3759337.5, 144.9, 1.5);
(406337.5, 3759287.5, 138.0, 1.5);	(406337.5, 3759237.5, 133.0, 1.5);
(406337.5, 3759187.5, 128.9, 1.5);	(406337.5, 3759137.5, 125.7, 1.5);
(406337.5, 3759087.5, 122.0, 1.5);	(406337.5, 3759037.5, 120.0, 1.5);
(406337.5, 3758987.5, 117.0, 1.5);	(406337.5, 3758937.5, 114.0, 1.5);
(406337.5, 3758887.5, 112.0, 1.5);	(406337.5, 3758837.5, 109.2, 1.5);
(406337.5, 3758787.5, 108.0, 1.5);	(406337.5, 3758737.5, 106.7, 1.5);

Appendix B

NOx Annual Emissions Unmitigated

(406337.5, 3758687.5, 105.8, 1.5);	(406387.5, 3759337.5, 139.9, 1.5);
(406387.5, 3759287.5, 136.9, 1.5);	(406387.5, 3759237.5, 133.0, 1.5);
(406387.5, 3759187.5, 129.7, 1.5);	(406387.5, 3759137.5, 125.9, 1.5);
(406387.5, 3759087.5, 123.0, 1.5);	(406387.5, 3759037.5, 120.0, 1.5);
(406387.5, 3758987.5, 117.7, 1.5);	(406387.5, 3758937.5, 114.9, 1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT ***
 *** ANALYSIS ANNUAL NOx emissions ***

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406387.5, 3758887.5, 110.9, 1.5);	(406387.5, 3758837.5, 109.0, 1.5);
(406387.5, 3758787.5, 108.0, 1.5);	(406387.5, 3758737.5, 108.0, 1.5);
(406387.5, 3758687.5, 108.0, 1.5);	(406437.5, 3759337.5, 138.9, 1.5);
(406437.5, 3759287.5, 136.0, 1.5);	(406437.5, 3759237.5, 134.0, 1.5);
(406437.5, 3759187.5, 129.9, 1.5);	(406437.5, 3759137.5, 125.9, 1.5);
(406437.5, 3759087.5, 123.0, 1.5);	(406437.5, 3759037.5, 120.0, 1.5);
(406437.5, 3758987.5, 118.0, 1.5);	(406437.5, 3758937.5, 115.9, 1.5);
(406437.5, 3758887.5, 111.7, 1.5);	(406437.5, 3758837.5, 109.0, 1.5);
(406437.5, 3758787.5, 109.0, 1.5);	(406437.5, 3758737.5, 109.0, 1.5);
(406437.5, 3758687.5, 110.0, 1.5);	(406487.5, 3759287.5, 136.9, 1.5);
(406487.5, 3759237.5, 133.9, 1.5);	(406487.5, 3759187.5, 129.0, 1.5);
(406487.5, 3759137.5, 126.0, 1.5);	(406487.5, 3759087.5, 123.0, 1.5);
(406487.5, 3759037.5, 120.7, 1.5);	(406487.5, 3758987.5, 118.9, 1.5);
(406487.5, 3758937.5, 116.7, 1.5);	(406487.5, 3758887.5, 113.0, 1.5);
(406487.5, 3758837.5, 111.7, 1.5);	(406487.5, 3758787.5, 111.8, 1.5);
(406487.5, 3758737.5, 112.0, 1.5);	(406487.5, 3758687.5, 111.7, 1.5);
(406537.5, 3759237.5, 134.0, 1.5);	(406537.5, 3759187.5, 130.0, 1.5);
(406537.5, 3759137.5, 126.9, 1.5);	(406537.5, 3759087.5, 124.7, 1.5);
(406537.5, 3759037.5, 122.0, 1.5);	(406537.5, 3758987.5, 118.9, 1.5);
(406537.5, 3758937.5, 115.9, 1.5);	(406537.5, 3758887.5, 115.0, 1.5);
(406537.5, 3758837.5, 116.0, 1.5);	(406537.5, 3758787.5, 115.8, 1.5);
(406537.5, 3758737.5, 114.7, 1.5);	(406537.5, 3758687.5, 113.7, 1.5);
(406587.5, 3759237.5, 136.7, 1.5);	(406587.5, 3759187.5, 133.0, 1.5);
(406587.5, 3759137.5, 129.0, 1.5);	(406587.5, 3759087.5, 126.0, 1.5);
(406587.5, 3759037.5, 123.0, 1.5);	(406587.5, 3758987.5, 120.0, 1.5);
(406587.5, 3758937.5, 118.8, 1.5);	(406587.5, 3758887.5, 118.8, 1.5);
(406587.5, 3758837.5, 118.8, 1.5);	(406587.5, 3758787.5, 117.7, 1.5);
(406587.5, 3758737.5, 116.0, 1.5);	(406587.5, 3758687.5, 115.0, 1.5);
(406587.5, 3758637.5, 113.0, 1.5);	(406637.5, 3759187.5, 135.0, 1.5);
(406637.5, 3759137.5, 130.9, 1.5);	(406637.5, 3759087.5, 128.0, 1.5);
(406637.5, 3759037.5, 123.0, 1.5);	(406637.5, 3758987.5, 122.0, 1.5);
(406637.5, 3758937.5, 122.7, 1.5);	(406637.5, 3758887.5, 122.7, 1.5);
(406637.5, 3758837.5, 121.0, 1.5);	(406637.5, 3758787.5, 119.0, 1.5);
(406637.5, 3758737.5, 117.0, 1.5);	(406637.5, 3758687.5, 115.9, 1.5);
(406687.5, 3759137.5, 130.9, 1.5);	(406687.5, 3759087.5, 128.0, 1.5);
(406687.5, 3759037.5, 127.0, 1.5);	(406687.5, 3758987.5, 126.9, 1.5);
(406687.5, 3758937.5, 126.7, 1.5);	(406687.5, 3758887.5, 123.9, 1.5);
(406687.5, 3758837.5, 122.0, 1.5);	(406687.5, 3758737.5, 117.0, 1.5);
(406737.5, 3759137.5, 133.7, 1.5);	(406737.5, 3759037.5, 133.7, 1.5);
(406737.5, 3758987.5, 130.9, 1.5);	(406737.5, 3758937.5, 127.2, 1.5);
(406737.5, 3758837.5, 117.0, 1.5);	(406787.5, 3759037.5, 138.7, 1.5);
(406787.5, 3758987.5, 131.9, 1.5);	(406787.5, 3758937.5, 127.0, 1.5);
(406787.5, 3758837.5, 120.0, 1.5);	(406787.5, 3758637.5, 116.0, 1.5);
(406837.5, 3758737.5, 123.9, 1.5);	(406837.5, 3758687.5, 122.0, 1.5);
(406837.5, 3758637.5, 118.0, 1.5);	(406887.5, 3758787.5, 126.7, 1.5);

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406887.5, 3758737.5, 123.9, 1.5);	(406887.5, 3758687.5, 120.9, 1.5);
(406887.5, 3758637.5, 117.0, 1.5);	(406937.5, 3758737.5, 123.0, 1.5);
(406937.5, 3758687.5, 119.9, 1.5);	(406937.5, 3758637.5, 115.9, 1.5);
(406987.5, 3758737.5, 123.0, 1.5);	(406987.5, 3758687.5, 119.9, 1.5);
(406987.5, 3758637.5, 115.0, 1.5);	(407037.5, 3758687.5, 118.1, 1.5);
(407037.5, 3758637.5, 116.0, 1.5);	(407087.5, 3758637.5, 122.0, 1.5);

Appendix B

**MODELOPTs:
CONC URBAN ELEV FLGPOL

NOCALM

*** THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

FILE: c:\ISC\whittier.asc
FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)
SURFACE STATION NO.: 53114 UPPER AIR STATION NO.: 91919
NAME: LOSANGELES NAME: LOSANGELES
YEAR: 1981 YEAR: 1981

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING HEIGHT (M) RURAL	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
81	01	01	01	179.8	1.00	282.6	7	387.2 152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	02	169.9	0.00	282.6	7	397.3 152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	03	85.0	1.00	283.1	7	407.3 152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	04	256.0	1.00	283.7	7	417.4 152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	05	174.0	1.00	281.5	7	427.5 152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	06	117.0	1.00	281.5	7	437.5 152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	07	184.5	1.00	280.4	7	447.6 152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	08	134.6	1.00	282.0	6	71.6 202.6	0.0000	0.0	0.0000	0	0.00
81	01	01	09	96.5	1.00	286.5	5	146.0 255.1	0.0000	0.0	0.0000	0	0.00
81	01	01	10	324.1	1.00	290.4	4	220.4 307.7	0.0000	0.0	0.0000	0	0.00
81	01	01	11	314.1	1.34	294.3	3	294.8 360.3	0.0000	0.0	0.0000	0	0.00
81	01	01	12	305.6	1.79	295.4	3	369.2 412.9	0.0000	0.0	0.0000	0	0.00
81	01	01	13	289.7	1.79	297.6	3	443.6 465.4	0.0000	0.0	0.0000	0	0.00
81	01	01	14	259.2	1.34	295.9	2	518.0 518.0	0.0000	0.0	0.0000	0	0.00
81	01	01	15	359.8	1.34	294.8	2	518.0 518.0	0.0000	0.0	0.0000	0	0.00
81	01	01	16	8.2	1.79	293.1	3	518.0 518.0	0.0000	0.0	0.0000	0	0.00
81	01	01	17	357.6	1.34	290.4	4	518.0 518.0	0.0000	0.0	0.0000	0	0.00
81	01	01	18	52.6	1.00	288.1	5	518.0 468.1	0.0000	0.0	0.0000	0	0.00
81	01	01	19	358.0	1.00	287.6	6	518.0 425.6	0.0000	0.0	0.0000	0	0.00
81	01	01	20	33.2	1.00	287.0	7	518.0 383.1	0.0000	0.0	0.0000	0	0.00
81	01	01	21	178.6	1.00	285.9	7	518.0 340.6	0.0000	0.0	0.0000	0	0.00
81	01	01	22	137.0	1.00	285.9	7	518.0 298.0	0.0000	0.0	0.0000	0	0.00
81	01	01	23	90.7	1.00	285.4	7	518.0 255.5	0.0000	0.0	0.0000	0	0.00
81	01	01	24	134.7	1.00	284.8	7	518.0 213.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT ***

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**MODELOPTs:
CONC URBAN ELEV FLGPOL

NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
409779.53	3759787.50	0.06125	409779.34	3759762.50	0.06274
409779.19	3759737.50	0.06413	409779.03	3759712.50	0.06544
409778.88	3759687.50	0.06665	409778.72	3759662.50	0.06777
409778.53	3759637.50	0.06878	409778.38	3759612.50	0.06970
409778.22	3759587.50	0.07053	409778.06	3759562.50	0.07126
409777.88	3759537.50	0.07191	409777.72	3759512.50	0.07247
409777.56	3759487.50	0.07295	409777.41	3759462.50	0.07334
409777.25	3759437.50	0.07365	409777.06	3759412.50	0.07388
409776.91	3759387.50	0.07401	409776.75	3759362.50	0.07405
409776.56	3759337.50	0.07399	409776.41	3759312.50	0.07384
409776.25	3759287.50	0.07358	409776.09	3759262.50	0.07322
409775.94	3759237.50	0.07275	409775.66	3759212.50	0.07219
409775.38	3759187.50	0.07153	409775.13	3759162.50	0.07077
409774.84	3759137.50	0.06991	409774.59	3759112.50	0.06897
409774.31	3759087.50	0.06794	409774.03	3759062.50	0.06683
409773.78	3759037.50	0.06564	409765.25	3759020.25	0.06481
409740.25	3759020.50	0.06492	409715.25	3759021.00	0.06503

Appendix B

		NOx Annual Emissions Unmitigated	
409690.25	3759021.25	0.06513	409665.25 3759021.50 0.06522
409640.25	3759021.75	0.06530	409615.25 3759022.25 0.06540
409590.25	3759022.50	0.06548	409565.25 3759022.75 0.06555
409540.25	3759023.25	0.06563	409515.28 3759024.25 0.06574
409490.28	3759025.25	0.06584	409465.31 3759026.50 0.06596
409440.34	3759027.00	0.06603	409415.34 3759027.75 0.06610
409390.34	3759027.75	0.06612	409365.34 3759028.50 0.06619
409340.34	3759029.00	0.06624	409315.38 3759029.50 0.06628
409290.38	3759030.00	0.06631	409265.38 3759030.50 0.06634
409240.38	3759031.00	0.06637	409215.38 3759031.50 0.06639
409190.38	3759032.00	0.06640	409165.41 3759032.50 0.06641
409140.41	3759033.00	0.06641	409115.41 3759033.50 0.06641
409090.41	3759034.00	0.06640	409065.41 3759034.50 0.06639
409040.41	3759035.00	0.06638	409015.44 3759035.50 0.06636
408990.44	3759036.25	0.06635	408965.44 3759036.75 0.06633
408940.44	3759037.25	0.06629	408915.44 3759037.75 0.06626
408890.47	3759038.25	0.06622	408865.47 3759038.75 0.06617
408840.47	3759039.25	0.06613	408815.47 3759039.75 0.06608
408790.47	3759040.25	0.06603	408765.47 3759040.75 0.06598
408740.50	3759041.25	0.06593	408715.50 3759041.75 0.06588
408690.50	3759042.25	0.06583	408665.50 3759042.75 0.06578
408640.50	3759043.25	0.06573	408615.50 3759044.00 0.06571
408590.53	3759044.50	0.06567	408581.91 3759028.75 0.06377

• *** ISCS3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions *** 11:06:58
 **MODELOPTs: ** PAGE 48

CONC URBAN ELEV FLGPOL NOCALM
 *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER IN MICROGRAMS/M**3	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M) Y-COORD (M) CONC
408581.59	3759004.00	0.06087	408581.28 3758979.00 0.05804
408580.97	3758954.00	0.05535	408580.66 3758929.00 0.05283
408580.31	3758904.00	0.05053	408580.00 3758879.00 0.04845
408579.69	3758854.00	0.04660	408579.38 3758829.00 0.04499
408579.06	3758804.00	0.04361	408578.75 3758779.00 0.04243
408578.44	3758754.00	0.04144	408578.13 3758729.00 0.04062
408567.84	3758707.50	0.04000	408550.69 3758689.50 0.03954
408533.56	3758671.25	0.03913	408513.78 3758658.50 0.03885
408488.78	3758658.75	0.03883	408463.78 3758659.25 0.03881
408438.78	3758659.75	0.03879	408413.78 3758660.25 0.03877
408388.78	3758660.50	0.03875	408363.78 3758661.00 0.03874
408338.81	3758661.50	0.03874	408313.81 3758662.00 0.03875
408288.81	3758662.50	0.03877	408263.81 3758662.75 0.03880
408238.81	3758663.25	0.03885	408213.81 3758663.75 0.03893
408188.81	3758664.25	0.03904	408163.81 3758664.50 0.03918
408138.84	3758665.00	0.03935	408113.84 3758665.50 0.03957
408088.84	3758666.00	0.03982	408063.84 3758666.25 0.04011
408038.84	3758666.75	0.04045	408013.84 3758667.25 0.04083
407988.84	3758667.75	0.04124	407963.84 3758668.25 0.04169
407938.84	3758668.50	0.04215	407913.88 3758669.00 0.04262
407888.88	3758669.50	0.04310	407863.88 3758670.00 0.04356
407838.88	3758670.25	0.04398	407813.88 3758670.75 0.04435
407788.88	3758671.25	0.04465	407763.88 3758671.75 0.04485
407738.88	3758672.25	0.04494	407713.91 3758672.50 0.04488
407688.91	3758673.00	0.04468	407663.91 3758673.50 0.04431
407638.91	3758674.00	0.04376	407613.91 3758674.25 0.04303
407588.91	3758674.75	0.04215	407563.91 3758675.25 0.04112
407538.91	3758675.75	0.03997	407513.94 3758676.25 0.04257
407488.91	3758676.75	0.05247	407463.97 3758678.00 0.05563
407439.00	3758679.25	0.05511	407414.03 3758680.75 0.05386
407389.06	3758682.00	0.04668	407364.09 3758683.25 0.04910
407339.13	3758684.75	0.05193	407314.16 3758686.00 0.05602
407289.19	3758687.25	0.06188	407264.22 3758688.75 0.06535
407239.28	3758690.00	0.07158	407214.31 3758691.25 0.07485
407189.34	3758692.75	0.07023	407164.38 3758694.00 0.06182
407139.41	3758695.25	0.05354	407114.44 3758696.50 0.05107
407089.50	3758698.00	0.05305	407065.69 3758703.50 0.05563
407045.13	3758717.75	0.05621	407024.56 3758731.75 0.05473
407004.03	3758746.00	0.05274	406983.47 3758760.25 0.05180

Appendix B

406962.94 3758774.50 0.51449 NOx Annual Emissions Unmitigated
 . *** ISCST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT 406942.38 3758788.75 0.50697 *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions *** 11:06:58
 **MODELOPTs: **
 CONC URBAN ELEV FLGPOL NOCALM PAGE 49

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406921.81	3758803.00	0.51110	406901.25	3758817.25	0.51478
406883.91	3758804.50	0.47048	406866.50	3758786.50	0.45657
406849.06	3758768.50	0.45253	406828.84	3758753.75	0.43309
406808.59	3758739.00	0.42349	406788.38	3758724.50	0.40152
406768.13	3758709.75	0.38663	406747.91	3758695.00	0.37517
406730.00	3758678.50	0.36605	406717.97	3758656.75	0.35275
406705.94	3758634.75	0.33556	406693.88	3758612.75	0.31089
406681.84	3758591.00	0.29206	406667.50	3758575.50	0.28232
406646.56	3758589.25	0.30306	406625.63	3758603.00	0.33055
406625.50	3758621.50	0.34748	406639.09	3758642.50	0.35798
406652.69	3758663.50	0.37819	406666.25	3758684.50	0.39800
406679.84	3758705.50	0.42829	406693.44	3758726.50	0.44966
406707.03	3758747.50	0.46957	406720.81	3758768.00	0.48439
406700.25	3758782.00	0.53998	406681.69	3758797.25	0.58002
406695.59	3758818.00	0.60176	406709.50	3758839.00	0.64211
406723.44	3758859.75	0.67660	406737.34	3758880.50	0.71316
406756.84	3758895.50	0.74017	406778.28	3758908.50	0.78313
406799.72	3758921.25	0.84965	406821.16	3758934.25	0.87458
406830.97	3758956.25	0.94682	406839.75	3758979.75	1.02022
406848.53	3759003.25	1.20812	406844.09	3759021.75	1.42434
406823.38	3759035.75	1.76028	406802.63	3759049.75	1.81647
406781.88	3759063.75	1.79298	406761.16	3759077.75	1.73148
406740.41	3759091.50	1.40168	406747.50	3759112.50	1.44635
406760.22	3759134.00	1.54144	406747.75	3759150.00	1.34317
406732.22	3759166.50	1.24136	406714.66	3759177.00	1.27985
406693.59	3759190.50	1.38737	406672.50	3759204.00	1.49388
406651.41	3759217.25	1.63807	406630.34	3759230.75	1.74153
406609.25	3759244.25	1.81544	406588.16	3759257.75	1.85742
406567.09	3759271.00	1.83535	406546.00	3759284.50	1.83123
406524.91	3759298.00	1.80407	406503.81	3759311.50	1.73962
406482.75	3759324.75	1.68785	406461.66	3759338.25	1.63830
406440.59	3759351.75	1.57907	406419.50	3759365.25	1.52543
406398.41	3759378.50	1.50266	406377.03	3759392.25	1.48751
406375.66	3759417.25	1.44825	406374.28	3759442.25	1.40923
406372.91	3759467.25	1.32929	406351.53	3759469.50	1.59646
406326.53	3759468.75	1.55177	406301.56	3759468.00	1.51141
406276.56	3759467.25	1.44272	406251.56	3759466.50	1.38536
406226.59	3759465.75	1.32244	406201.59	3759465.00	1.26421
406176.59	3759464.25	0.97153	406171.34	3759484.50	0.87180
406171.63	3759509.50	0.78860	406171.91	3759534.50	0.75115

. *** ISCST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions *** 11:06:58
 **MODELOPTs: **
 CONC URBAN ELEV FLGPOL NOCALM PAGE 50

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406172.19	3759559.50	0.72838	406172.47	3759584.50	0.71385
406172.75	3759609.50	0.69605	406173.03	3759634.50	0.84192
406173.28	3759659.50	0.80447	406173.56	3759684.50	0.76586
406173.84	3759709.50	0.72489	406174.13	3759734.50	0.67444
406174.41	3759759.50	0.67119	406174.69	3759784.50	0.66219
406174.97	3759809.50	0.63629	406175.22	3759834.50	0.62668
406175.50	3759859.50	0.63993	406152.34	3759859.50	0.60087

Appendix B

			NOx Annual Emissions Unmitigated				
406127.34	3759859.00	0.46567	406102.34	3759858.25	0.45395		
406077.38	3759857.50	0.50533	406052.38	3759856.75	0.47739		
406041.31	3759871.00	0.46980	406041.56	3759896.00	0.46244		
406041.84	3759921.00	0.44995	406042.09	3759946.00	0.44631		
406042.38	3759971.00	0.43349	406067.34	3759972.50	0.44412		
406092.34	3759973.50	0.46397	406117.31	3759974.25	0.47537		
406142.31	3759975.00	0.51633	406167.31	3759975.75	0.60122		
406187.16	3759980.75	0.62538	406187.44	3760005.75	0.62448		
406187.69	3760030.75	0.62069	406187.97	3760055.75	0.60976		
406188.25	3760080.75	0.56354	406188.50	3760105.75	0.53069		
406188.78	3760130.75	0.53102	406189.06	3760155.75	0.52010		
406189.31	3760180.75	0.50991	406189.59	3760205.75	0.49633		
406189.88	3760230.75	0.48146	406190.13	3760255.50	0.46878		
406198.22	3760273.75	0.46959	406223.22	3760274.50	0.47654		
406248.19	3760275.25	0.49513	406270.56	3760282.00	0.49623		
406289.75	3760298.25	0.49246	406308.91	3760314.25	0.48647		
406328.09	3760330.25	0.47495	406347.25	3760346.25	0.47354		
406366.44	3760362.25	0.46604	406385.59	3760378.50	0.47040		
406404.78	3760394.50	0.46906	406423.94	3760410.50	0.45783		
406438.56	3760430.50	0.43902	406453.13	3760451.00	0.42441		
406464.50	3760468.50	0.40807	406439.66	3760465.75	0.40684		
406414.84	3760462.75	0.40193	406390.31	3760458.25	0.40232		
406365.97	3760452.75	0.40635	406354.47	3760461.75	0.40004		
406362.25	3760484.25	0.40065	406383.81	3760497.00	0.39365		
406405.22	3760509.75	0.39202	406422.63	3760527.50	0.39330		
406440.06	3760545.50	0.37341	406459.63	3760554.25	0.36158		
406482.22	3760543.50	0.36672	406504.78	3760532.75	0.36181		
406527.34	3760522.00	0.36978	406549.91	3760511.25	0.37209		
406572.50	3760500.50	0.37746	406596.63	3760494.75	0.38987		
406621.09	3760489.75	0.39844	406645.00	3760486.75	0.39851		
406667.09	3760498.50	0.39778	406684.06	3760513.00	0.40190		
406685.72	3760538.00	0.39642	406687.41	3760563.00	0.39201		
406689.06	3760587.75	0.38220	406690.72	3760612.75	0.37905		
* *** ISCST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			***	07/29/11
			*** ANALYSIS ANNUAL NOx emissions			***	11:06:58
**MODELOPTs:			URBAN ELEV			FLGPOL	NOCALM
CONC							
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION			VALUES FOR SOURCE GROUP: 1			***	
INCLUDING SOURCE(S):			1 , 2 , 3 , 4 ,				
*** DISCRETE CARTESIAN RECEPTOR POINTS ***							
** CONC OF OTHER			IN MICROGRAMS/M**3			**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
406692.41	3760637.75	0.37157	406694.06	3760662.75	0.35466		
406695.72	3760687.75	0.34497	406694.03	3760710.75	0.33873		
406675.66	3760727.75	0.32495	406657.31	3760744.75	0.31776		
406638.94	3760761.75	0.30986	406620.59	3760778.75	0.30236		
406600.09	3760790.50	0.29577	406575.31	3760793.75	0.28573		
406550.50	3760796.75	0.28078	406525.72	3760800.00	0.27568		
406500.91	3760803.25	0.27296	406478.03	3760812.00	0.26941		
406457.19	3760826.00	0.26073	406436.38	3760839.75	0.25632		
406415.53	3760853.50	0.25159	406392.28	3760856.25	0.24641		
406367.41	3760853.75	0.24874	406342.53	3760851.25	0.24537		
406317.66	3760848.75	0.24637	406292.78	3760846.00	0.24386		
406267.91	3760843.50	0.24072	406244.09	3760836.50	0.24511		
406220.34	3760828.75	0.24518	406196.59	3760821.00	0.24574		
406172.84	3760813.25	0.24827	406149.09	3760805.25	0.25171		
406125.34	3760797.50	0.25273	406105.59	3760782.50	0.25484		
406085.88	3760767.25	0.25497	406083.44	3760744.00	0.26191		
406083.94	3760719.00	0.26851	406084.44	3760694.00	0.27781		
406073.81	3760679.50	0.27955	406048.81	3760680.25	0.27799		
406023.81	3760681.00	0.28318	405998.84	3760681.75	0.28857		
405973.84	3760682.50	0.28981	405948.84	3760683.25	0.28565		
405923.88	3760684.00	0.28191	405898.88	3760684.75	0.28130		
405873.91	3760685.50	0.28820	405848.91	3760686.25	0.33494		
405823.91	3760687.00	0.31716	405798.94	3760687.75	0.31193		
405774.47	3760683.75	0.30897	405749.56	3760682.25	0.31265		
405724.56	3760682.50	0.26858	405699.56	3760682.75	0.29957		
405674.56	3760683.00	0.30178	405649.56	3760683.25	0.26038		
405632.09	3760691.50	0.24781	405632.81	3760716.50	0.24117		
405633.53	3760741.50	0.23741	405634.22	3760766.50	0.23041		
405634.94	3760791.50	0.22775	405635.63	3760816.50	0.22637		

Appendix B

		NOx Annual Emissions Unmitigated			
405636.34	3760841.50	0.22174	405637.06	3760866.50	0.21837
405637.75	3760891.50	0.21395	405638.47	3760916.50	0.21332
405639.16	3760941.50	0.20998	405639.88	3760966.50	0.20451
405644.09	3760990.75	0.20142	405653.31	3761014.00	0.19770
405653.75	3761039.00	0.19537	405654.16	3761064.00	0.19189
405654.53	3761089.00	0.18736	405672.81	3761096.25	0.18568
405697.78	3761095.50	0.18882	405722.78	3761095.00	0.18964
405747.78	3761094.50	0.19166	405772.78	3761093.75	0.19458
405797.75	3761093.25	0.19512	405822.75	3761092.50	0.19810
405847.75	3761092.00	0.20135	405872.75	3761091.50	0.20387
405897.72	3761090.75	0.20599	405922.72	3761090.25	0.20584

• *** ISCS T3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL NOx emissions

*** 07/29/11
*** 11:06:58

**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

PAGE 52

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
405947.72	3761089.50	0.20389	405972.72	3761089.00	0.20620
405997.72	3761088.50	0.20911	406022.69	3761087.75	0.20936
406047.69	3761087.25	0.20511	406072.69	3761086.50	0.19790
406097.69	3761086.00	0.19791	406122.66	3761085.50	0.20239
406147.66	3761084.75	0.20801	406172.66	3761084.25	0.20800
406197.66	3761083.50	0.20862	406222.66	3761083.00	0.21016
406247.63	3761082.50	0.21898	406272.63	3761081.75	0.21683
406297.63	3761081.25	0.21729	406322.59	3761080.50	0.21974
406347.59	3761080.00	0.22665	406372.59	3761079.50	0.23017
406397.59	3761078.75	0.23216	406422.59	3761078.25	0.23224
406447.56	3761077.50	0.23384	406472.56	3761077.00	0.24255
406497.56	3761076.50	0.24907	406522.56	3761075.75	0.24636
406547.53	3761075.25	0.24378	406572.53	3761074.50	0.24700
406597.53	3761074.00	0.25375	406622.53	3761073.50	0.25095
406647.53	3761072.75	0.25418	406672.50	3761072.25	0.26227
406697.50	3761071.50	0.25790	406722.50	3761071.00	0.26017
406747.50	3761070.50	0.26677	406772.50	3761069.75	0.27728
406797.47	3761069.25	0.27538	406822.47	3761068.50	0.27175
406847.47	3761068.00	0.27218	406872.47	3761067.50	0.27155
406897.44	3761066.75	0.27842	406922.44	3761066.25	0.28765
406947.44	3761065.50	0.29309	406972.41	3761065.00	0.30397
406997.41	3761064.50	0.30349	407021.13	3761061.75	0.30561
407020.31	3761036.75	0.31721	407019.50	3761011.75	0.31585
407018.69	3760986.75	0.31488	407017.84	3760961.75	0.31244
407017.03	3760936.75	0.31385	407016.22	3760911.75	0.31298
407015.41	3760886.75	0.31983	407014.59	3760861.75	0.33117
407013.75	3760836.75	0.34393	407012.94	3760811.75	0.35550
407012.13	3760787.00	0.36903	407011.31	3760762.00	0.38508
407010.47	3760737.00	0.40243	407009.66	3760712.00	0.42390
407008.84	3760687.00	0.45046	407008.03	3760662.00	0.47427
407031.94	3760661.50	0.48600	407056.94	3760661.25	0.51013
407081.94	3760661.25	0.50518	407106.94	3760661.00	0.49227
407131.91	3760660.75	0.47664	407156.94	3760660.50	0.46214
407181.94	3760660.25	0.43791	407206.91	3760660.00	0.41971
407231.91	3760660.00	0.40403	407256.91	3760659.75	0.38816
407281.91	3760659.50	0.38794	407306.91	3760659.25	0.37822
407331.91	3760659.00	0.37637	407356.91	3760659.00	0.36271
407381.91	3760658.75	0.34997	407406.91	3760658.50	0.33694
407431.91	3760658.25	0.32391	407456.91	3760658.00	0.31554
407481.91	3760657.75	0.30470	407506.91	3760657.75	0.30074

• *** ISCS T3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL NOx emissions

*** 07/29/11
*** 11:06:58

**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

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*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Appendix B

NOx Annual Emissions Unmitigated

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407531.91	3760657.50	0.28946	407556.91	3760657.25	0.11491
407581.91	3760657.00	0.11276	407606.91	3760656.75	0.11073
407631.91	3760656.75	0.10880	407656.91	3760656.50	0.10697
407681.91	3760656.25	0.10521	407706.91	3760656.00	0.10349
407731.91	3760655.75	0.10180	407756.91	3760655.50	0.10013
407781.91	3760655.50	0.09844	407806.91	3760655.25	0.09674
407831.91	3760655.00	0.09503	407856.91	3760654.75	0.09329
407881.91	3760654.50	0.09152	407906.91	3760654.25	0.08973
407931.91	3760654.25	0.08791	407956.91	3760654.00	0.08609
407981.91	3760653.75	0.08425	408006.91	3760653.50	0.08241
408031.88	3760653.25	0.08056	408056.88	3760653.25	0.07872
408081.91	3760653.00	0.07689	408106.91	3760652.75	0.07508
408131.88	3760652.50	0.07329	408156.88	3760652.25	0.07153
408181.88	3760652.00	0.06981	408206.88	3760652.00	0.06814
408225.75	3760645.00	0.06685	408224.94	3760620.00	0.06666
408224.16	3760595.00	0.06646	408223.34	3760570.00	0.06626
408222.56	3760545.00	0.06605	408221.75	3760520.00	0.06584
408220.94	3760495.00	0.06565	408220.16	3760470.00	0.06547
408219.34	3760445.00	0.06532	408218.56	3760420.00	0.06519
408217.75	3760395.00	0.06510	408216.94	3760370.00	0.06504
408216.16	3760345.00	0.06502	408215.34	3760320.00	0.06505
408214.56	3760295.00	0.06511	408213.75	3760270.00	0.06522
408212.97	3760245.25	0.06537	408212.16	3760220.25	0.06555
408211.38	3760195.25	0.06576	408210.56	3760170.25	0.06600
408209.75	3760145.25	0.06626	408208.97	3760120.25	0.06653
408208.16	3760095.25	0.06682	408207.38	3760070.25	0.06710
408206.56	3760045.25	0.06740	408205.75	3760020.25	0.06771
408204.97	3759995.25	0.06803	408204.16	3759970.25	0.06838
408203.38	3759945.25	0.06876	408202.56	3759920.25	0.06919
408201.78	3759895.25	0.06970	408200.97	3759870.25	0.07030
408201.59	3759847.50	0.07086	408226.56	3759847.25	0.06962
408251.56	3759846.75	0.06845	408276.56	3759846.25	0.06735
408301.56	3759846.00	0.06631	408326.56	3759845.50	0.06534
408351.56	3759845.25	0.06442	408376.56	3759844.75	0.06358
408401.56	3759844.50	0.06278	408426.56	3759844.00	0.06205
408451.53	3759843.75	0.06137	408476.53	3759843.25	0.06075
408501.53	3759842.75	0.06018	408526.53	3759842.50	0.05964
408551.53	3759842.00	0.05917	408576.53	3759841.75	0.05872
408601.53	3759841.25	0.05834	408626.53	3759841.00	0.05797
408651.53	3759840.50	0.05767	408676.53	3759840.25	0.05738

• *** ICSCT3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL NOx emissions

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*** PAGE 54

**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
408701.53	3759839.75	0.05714	408726.50	3759839.50	0.05692
408751.50	3759839.00	0.05675	408776.50	3759838.50	0.05661
408801.50	3759838.25	0.05648	408826.50	3759837.75	0.05639
408851.50	3759837.50	0.05631	408876.50	3759837.00	0.05626
408901.50	3759836.75	0.05622	408926.50	3759836.25	0.05622
408951.50	3759836.00	0.05622	408976.47	3759835.50	0.05625
409001.50	3759835.00	0.05629	409026.47	3759834.75	0.05633
409051.47	3759834.25	0.05640	409076.47	3759834.00	0.05646
409101.47	3759833.50	0.05655	409126.47	3759833.25	0.05663
409151.47	3759833.00	0.05671	409176.47	3759832.50	0.05682
409201.47	3759832.25	0.05691	409226.47	3759832.00	0.05701
409251.47	3759831.50	0.05713	409276.44	3759831.25	0.05723
409301.44	3759831.00	0.05733	409326.44	3759830.50	0.05745
409351.44	3759830.25	0.05756	409376.44	3759830.00	0.05766
409401.44	3759829.50	0.05778	409426.44	3759829.25	0.05788
409451.44	3759829.00	0.05797	409476.44	3759828.50	0.05808
409501.44	3759828.25	0.05817	409526.44	3759828.00	0.05826
409551.44	3759827.50	0.05836	409576.44	3759827.25	0.05843
409601.44	3759827.00	0.05851	409626.41	3759826.50	0.05859

Appendix B

			NOx Annual Emissions Unmitigated		
409651.44	3759826.25	0.05865	409676.41	3759826.00	0.05871
409700.88	3759821.50	0.05905	409724.59	3759813.50	0.05961
409748.28	3759805.75	0.06012	409772.00	3759797.75	0.06062
407390.94	3759093.50	1.51589	407365.13	3759080.25	1.58377
407339.78	3759067.50	1.57131	407316.59	3759058.75	1.43629
407283.19	3759053.00	1.33675	407252.94	3759048.75	1.36979
407225.69	3759048.50	1.59822	407196.97	3759050.00	1.96110
407179.00	3759048.00	2.09012	407162.81	3759027.25	2.09358
407144.13	3759004.00	1.85358	407126.47	3758984.75	1.54369
407105.78	3758967.50	1.35691	407088.16	3758951.75	1.24737
407069.53	3758935.25	1.11714	407049.31	3758918.50	0.98449
407036.31	3758905.00	0.88215	407039.69	3758879.25	0.90021
407046.66	3758854.25	0.84416	407052.50	3758829.00	0.81544
407055.88	3758804.50	0.77081	407059.22	3758781.50	0.72224
407066.25	3758771.75	0.71631	407073.94	3758765.00	0.69934
407083.13	3758759.50	0.68924	407094.38	3758756.75	0.69708
407109.31	3758764.25	0.73158	407134.59	3758776.75	0.74796
407157.81	3758790.75	0.77379	407181.59	3758803.25	0.78918
407205.38	3758815.75	0.77157	407230.69	3758833.50	0.75063
407254.03	3758858.25	0.69039	407272.69	3758877.50	0.62925
405962.50	3758512.50	0.20052	405962.50	3758487.50	0.19755
• *** ISCST3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT		***	07/29/11	
	*** ANALYSIS ANNUAL NOx emissions		***	11:06:58	
**MODELOPTs:	URBAN ELEV	FLGPOL	NOCALM	PAGE	55
CONC					
	*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1				***
	INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,				
	*** DISCRETE CARTESIAN RECEPTOR POINTS ***				
	** CONC OF OTHER	IN MICROGRAMS/M**3	**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
405962.50	3758462.50	0.19737	405962.50	3758437.50	0.19685
405962.50	3758412.50	0.19388	405962.50	3758387.50	0.19272
405962.50	3758362.50	0.19048	405962.50	3758337.50	0.18871
405962.50	3758312.50	0.18665	405962.50	3758287.50	0.18432
405962.50	3758262.50	0.18178	405962.50	3758237.50	0.17728
405962.50	3758212.50	0.17419	405962.50	3758187.50	0.17095
405962.50	3758162.50	0.16802	405962.50	3758137.50	0.16355
405987.50	3758512.50	0.20676	405987.50	3758487.50	0.20421
405987.50	3758462.50	0.20176	405987.50	3758437.50	0.19985
405987.50	3758412.50	0.19871	405987.50	3758387.50	0.19723
405987.50	3758362.50	0.19540	405987.50	3758337.50	0.19326
405987.50	3758312.50	0.19084	405987.50	3758287.50	0.18818
405987.50	3758262.50	0.18478	405987.50	3758237.50	0.17982
405987.50	3758212.50	0.17678	405987.50	3758187.50	0.17319
405987.50	3758162.50	0.16912	405987.50	3758137.50	0.16525
406012.50	3758512.50	0.21180	406012.50	3758487.50	0.21090
406012.50	3758462.50	0.20736	406012.50	3758437.50	0.20585
406012.50	3758412.50	0.20434	406012.50	3758387.50	0.20026
406012.50	3758362.50	0.19810	406012.50	3758337.50	0.19572
406012.50	3758312.50	0.19383	406012.50	3758287.50	0.18996
406012.50	3758262.50	0.18613	406012.50	3758237.50	0.18294
406012.50	3758212.50	0.17967	406012.50	3758187.50	0.17463
406012.50	3758162.50	0.17076	406012.50	3758137.50	0.16755
406037.50	3758512.50	0.21853	406037.50	3758487.50	0.21695
406037.50	3758462.50	0.21327	406037.50	3758437.50	0.21175
406037.50	3758412.50	0.20915	406037.50	3758387.50	0.20452
406037.50	3758362.50	0.20196	406037.50	3758337.50	0.19913
406037.50	3758312.50	0.19606	406037.50	3758287.50	0.19280
406037.50	3758262.50	0.18943	406037.50	3758237.50	0.18534
406037.50	3758212.50	0.17998	406037.50	3758187.50	0.17657
406037.50	3758162.50	0.17317	406037.50	3758137.50	0.16980
406062.50	3758512.50	0.22588	406062.50	3758487.50	0.22216
406062.50	3758462.50	0.21967	406062.50	3758437.50	0.21536
406062.50	3758412.50	0.21254	406062.50	3758387.50	0.20939
406062.50	3758362.50	0.20642	406062.50	3758337.50	0.20319
406062.50	3758312.50	0.19976	406062.50	3758287.50	0.19620
406062.50	3758262.50	0.19155	406062.50	3758237.50	0.18701
406062.50	3758212.50	0.18268	406062.50	3758187.50	0.17730
406062.50	3758162.50	0.17343	406062.50	3758137.50	0.17030
406087.50	3758512.50	0.22958	406087.50	3758487.50	0.22805
• *** ISCST3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT		***	07/29/11	

Appendix B

NOx Annual Emissions Unmitigated

*** ANALYSIS ANNUAL NOx emissions

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406087.50	3758462.50	0.22561	406087.50	3758437.50	0.22012
406087.50	3758412.50	0.21735	406087.50	3758387.50	0.21424
406087.50	3758362.50	0.21084	406087.50	3758337.50	0.20657
406087.50	3758312.50	0.20281	406087.50	3758287.50	0.19888
406087.50	3758262.50	0.19288	406087.50	3758237.50	0.18905
406087.50	3758212.50	0.18469	406087.50	3758187.50	0.17904
406087.50	3758162.50	0.17536	406087.50	3758137.50	0.17169
406112.50	3758512.50	0.23692	406112.50	3758487.50	0.23477
406112.50	3758462.50	0.22911	406112.50	3758437.50	0.22579
406112.50	3758412.50	0.22252	406112.50	3758387.50	0.21650
406112.50	3758362.50	0.21275	406112.50	3758337.50	0.20883
406112.50	3758312.50	0.20398	406112.50	3758287.50	0.19993
406112.50	3758262.50	0.19586	406112.50	3758237.50	0.19181
406112.50	3758212.50	0.18596	406112.50	3758187.50	0.18202
406112.50	3758162.50	0.17737	406112.50	3758137.50	0.17347
406137.50	3758512.50	0.24425	406137.50	3758487.50	0.23773
406137.50	3758462.50	0.23473	406137.50	3758437.50	0.23042
406137.50	3758412.50	0.22398	406137.50	3758387.50	0.22005
406137.50	3758362.50	0.21593	406137.50	3758337.50	0.21169
406137.50	3758312.50	0.20738	406137.50	3758287.50	0.20306
406137.50	3758262.50	0.19814	406137.50	3758237.50	0.19388
406137.50	3758212.50	0.18852	406137.50	3758187.50	0.18341
406137.50	3758162.50	0.17926	406137.50	3758137.50	0.17509
406162.50	3758512.50	0.24987	406162.50	3758487.50	0.24424
406162.50	3758462.50	0.23911	406162.50	3758437.50	0.23290
406162.50	3758412.50	0.22874	406162.50	3758387.50	0.22436
406162.50	3758362.50	0.21740	406162.50	3758337.50	0.21292
406162.50	3758312.50	0.20793	406162.50	3758287.50	0.20308
406162.50	3758262.50	0.19863	406162.50	3758237.50	0.19419
406162.50	3758212.50	0.18977	406162.50	3758187.50	0.18534
406162.50	3758162.50	0.18089	406162.50	3758137.50	0.17639
406187.50	3758512.50	0.25421	406187.50	3758487.50	0.24957
406187.50	3758462.50	0.24237	406187.50	3758437.50	0.23797
406187.50	3758412.50	0.23287	406187.50	3758387.50	0.22766
406187.50	3758362.50	0.22022	406187.50	3758337.50	0.21544
406187.50	3758312.50	0.21068	406187.50	3758287.50	0.20593
406187.50	3758262.50	0.20120	406187.50	3758237.50	0.19647
406187.50	3758212.50	0.19174	406187.50	3758187.50	0.18697
406187.50	3758162.50	0.18164	406187.50	3758137.50	0.17493
406212.50	3758512.50	0.26101	406212.50	3758487.50	0.25361

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL NOx emissions

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406212.50	3758462.50	0.24766	406212.50	3758437.50	0.24273
406212.50	3758412.50	0.23498	406212.50	3758387.50	0.22890
406212.50	3758362.50	0.22476	406212.50	3758337.50	0.21872
406212.50	3758312.50	0.21365	406212.50	3758287.50	0.20860
406212.50	3758262.50	0.20354	406212.50	3758237.50	0.19847
406212.50	3758212.50	0.19337	406212.50	3758187.50	0.18822
406212.50	3758162.50	0.18202	406212.50	3758137.50	0.17536
406237.50	3758512.50	0.26925	406237.50	3758487.50	0.26155
406237.50	3758462.50	0.25286	406237.50	3758437.50	0.24644

Appendix B

			NOx Annual Emissions Unmitigated				
406237.50	3758412.50	0.23801	406237.50	3758387.50	0.23258		
406237.50	3758362.50	0.22715	406237.50	3758337.50	0.22101		
406237.50	3758312.50	0.21563	406237.50	3758287.50	0.21025		
406237.50	3758262.50	0.20485	406237.50	3758237.50	0.19940		
406237.50	3758212.50	0.19448	406237.50	3758187.50	0.18889		
406237.50	3758162.50	0.18083	406237.50	3758137.50	0.17517		
406262.50	3758512.50	0.27676	406262.50	3758487.50	0.26815		
406262.50	3758462.50	0.25903	406262.50	3758437.50	0.25180		
406262.50	3758412.50	0.24260	406262.50	3758387.50	0.23620		
406262.50	3758362.50	0.23039	406262.50	3758337.50	0.22220		
406262.50	3758312.50	0.21550	406262.50	3758287.50	0.20982		
406262.50	3758262.50	0.20453	406262.50	3758237.50	0.19914		
406262.50	3758212.50	0.19240	406262.50	3758187.50	0.18646		
406262.50	3758162.50	0.18047	406262.50	3758137.50	0.17218		
406287.50	3758512.50	0.28174	406287.50	3758487.50	0.27344		
406287.50	3758462.50	0.26423	406287.50	3758437.50	0.25534		
406287.50	3758412.50	0.24727	406287.50	3758387.50	0.23959		
406287.50	3758362.50	0.23293	406287.50	3758337.50	0.22629		
406287.50	3758312.50	0.21754	406287.50	3758287.50	0.21136		
406287.50	3758262.50	0.20512	406287.50	3758237.50	0.19879		
406287.50	3758212.50	0.19241	406287.50	3758187.50	0.18340		
406287.50	3758162.50	0.17710	406287.50	3758137.50	0.17081		
406312.50	3758512.50	0.28639	406312.50	3758487.50	0.27536		
406312.50	3758462.50	0.26720	406312.50	3758437.50	0.26031		
406312.50	3758412.50	0.25047	406312.50	3758387.50	0.24268		
406312.50	3758362.50	0.23596	406312.50	3758337.50	0.22665		
406312.50	3758312.50	0.21904	406312.50	3758287.50	0.21230		
406312.50	3758262.50	0.20549	406312.50	3758237.50	0.19862		
406312.50	3758212.50	0.18942	406312.50	3758187.50	0.18226		
406312.50	3758162.50	0.17387	406312.50	3758137.50	0.16666		
406337.50	3758512.50	0.29117	406337.50	3758487.50	0.27877		
* *** ISCS3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			***	07/29/11
MODELOPTs:			* ANALYSIS ANNUAL NOx emissions			***	11:06:58
CONC							PAGE 58
URBAN ELEV			NOCALM				
FLG POL							
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION			VALUES FOR SOURCE GROUP: 1			***	
INCLUDING SOURCE(S):			1 , 2 , 3 , 4 ,				
*** DISCRETE CARTESIAN RECEPTOR POINTS ***							
** CONC OF OTHER			IN MICROGRAMS/M**3			**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
406337.50	3758462.50	0.27095	406337.50	3758437.50	0.26305		
406337.50	3758412.50	0.25256	406337.50	3758387.50	0.24532		
406337.50	3758362.50	0.23757	406337.50	3758337.50	0.22712		
406337.50	3758312.50	0.21985	406337.50	3758287.50	0.20933		
406337.50	3758262.50	0.20210	406337.50	3758237.50	0.19485		
406337.50	3758212.50	0.18624	406337.50	3758187.50	0.17793		
406337.50	3758162.50	0.17104	406337.50	3758137.50	0.16424		
406362.50	3758512.50	0.29455	406362.50	3758487.50	0.28331		
406362.50	3758462.50	0.27533	406362.50	3758437.50	0.26427		
406362.50	3758412.50	0.25575	406362.50	3758387.50	0.24724		
406362.50	3758362.50	0.23564	406362.50	3758337.50	0.22778		
406362.50	3758312.50	0.21984	406362.50	3758287.50	0.20871		
406362.50	3758262.50	0.20091	406362.50	3758237.50	0.19036		
406362.50	3758212.50	0.18113	406362.50	3758187.50	0.17308		
406362.50	3758162.50	0.16576	406362.50	3758137.50	0.15873		
406387.50	3758512.50	0.29609	406387.50	3758487.50	0.28746		
406387.50	3758462.50	0.27781	406387.50	3758437.50	0.26566		
406387.50	3758412.50	0.25711	406387.50	3758387.50	0.24451		
406387.50	3758362.50	0.23600	406387.50	3758337.50	0.22667		
406387.50	3758312.50	0.21559	406387.50	3758287.50	0.20711		
406387.50	3758262.50	0.19596	406387.50	3758237.50	0.18524		
406387.50	3758212.50	0.17506	406387.50	3758187.50	0.16602		
406387.50	3758162.50	0.15867	406387.50	3758137.50	0.15221		
406412.50	3758512.50	0.30042	406412.50	3758487.50	0.28603		
406412.50	3758462.50	0.27685	406412.50	3758437.50	0.26758		
406412.50	3758412.50	0.25462	406412.50	3758387.50	0.24475		
406412.50	3758362.50	0.23411	406412.50	3758337.50	0.22266		
406412.50	3758312.50	0.21245	406412.50	3758287.50	0.20176		
406412.50	3758262.50	0.18994	406412.50	3758237.50	0.17695		
406412.50	3758212.50	0.16792	406412.50	3758187.50	0.16006		
406412.50	3758162.50	0.15347	406412.50	3758137.50	0.14726		

Appendix B

			NOx Annual Emissions Unmitigated		
406437.50	3758512.50	0.30069	406437.50	3758487.50	0.28876
406437.50	3758462.50	0.27564	406437.50	3758437.50	0.26398
406437.50	3758412.50	0.25395	406437.50	3758387.50	0.24292
406437.50	3758362.50	0.23013	406437.50	3758337.50	0.22041
406437.50	3758312.50	0.20766	406437.50	3758287.50	0.19568
406437.50	3758262.50	0.18170	406437.50	3758237.50	0.16905
406437.50	3758212.50	0.16139	406437.50	3758187.50	0.15469
406437.50	3758162.50	0.14840	406437.50	3758137.50	0.14254
406462.50	3758512.50	0.30144	406462.50	3758487.50	0.28536
. *** ISCST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT		
			*** ANALYSIS ANNUAL NOx emissions		
			*** 07/29/11		
			*** 11:06:58		
			*** PAGE 59		

**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406462.50	3758462.50	0.27454	406462.50	3758437.50	0.26038
406462.50	3758412.50	0.24851	406462.50	3758387.50	0.23790
406462.50	3758362.50	0.22612	406462.50	3758337.50	0.21384
406462.50	3758312.50	0.20304	406462.50	3758287.50	0.18996
406462.50	3758262.50	0.17350	406462.50	3758237.50	0.16266
406462.50	3758212.50	0.15586	406462.50	3758187.50	0.15020
406462.50	3758162.50	0.14504	406462.50	3758137.50	0.14074
406487.50	3758512.50	0.30226	406487.50	3758487.50	0.28552
406487.50	3758462.50	0.26905	406487.50	3758437.50	0.25747
406487.50	3758412.50	0.24189	406487.50	3758387.50	0.23091
406487.50	3758362.50	0.22024	406487.50	3758337.50	0.20667
406487.50	3758312.50	0.19712	406487.50	3758287.50	0.18524
406487.50	3758262.50	0.16537	406487.50	3758237.50	0.15701
406487.50	3758212.50	0.15274	406487.50	3758187.50	0.14866
406487.50	3758162.50	0.14349	406487.50	3758137.50	0.13988
406512.50	3758512.50	0.29726	406512.50	3758487.50	0.27940
406512.50	3758462.50	0.26215	406512.50	3758437.50	0.24575
406512.50	3758412.50	0.23424	406512.50	3758387.50	0.22312
406512.50	3758362.50	0.21018	406512.50	3758337.50	0.19921
406512.50	3758312.50	0.18764	406512.50	3758287.50	0.17310
406512.50	3758262.50	0.15812	406512.50	3758237.50	0.15322
406512.50	3758212.50	0.15485	406512.50	3758187.50	0.14916
406512.50	3758162.50	0.14386	406512.50	3758137.50	0.13904
406537.50	3758512.50	0.29269	406537.50	3758487.50	0.27161
406537.50	3758462.50	0.25396	406537.50	3758437.50	0.23740
406537.50	3758412.50	0.22584	406537.50	3758387.50	0.21202
406537.50	3758362.50	0.19988	406537.50	3758337.50	0.18871
406537.50	3758312.50	0.17876	406537.50	3758287.50	0.16920
406537.50	3758262.50	0.16282	406537.50	3758237.50	0.16305
406537.50	3758212.50	0.15496	406537.50	3758187.50	0.14766
406537.50	3758162.50	0.14162	406537.50	3758137.50	0.13662
406562.50	3758512.50	0.28463	406562.50	3758487.50	0.26247
406562.50	3758462.50	0.24410	406562.50	3758437.50	0.22839
406562.50	3758412.50	0.21335	406562.50	3758387.50	0.19962
406562.50	3758362.50	0.19036	406562.50	3758337.50	0.18186
406562.50	3758312.50	0.17495	406562.50	3758287.50	0.16968
406562.50	3758262.50	0.16479	406562.50	3758237.50	0.15956
406562.50	3758212.50	0.15248	406562.50	3758187.50	0.14706
406562.50	3758162.50	0.14131	406562.50	3758137.50	0.13684
406587.50	3758512.50	0.27624	406587.50	3758487.50	0.25323

. *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL NOx emissions

*** 07/29/11
*** 11:06:58
*** PAGE 60

**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-------------	-------------	------	-------------	-------------	------

Appendix B

NOx Annual Emissions Unmitigated

406587.50	3758462.50	0.23282	406587.50	3758437.50	0.21528
406587.50	3758412.50	0.20489	406587.50	3758387.50	0.19452
406587.50	3758362.50	0.18482	406587.50	3758337.50	0.17820
406587.50	3758312.50	0.17411	406587.50	3758287.50	0.16777
406587.50	3758262.50	0.16185	406587.50	3758237.50	0.15651
406587.50	3758212.50	0.15170	406587.50	3758187.50	0.14692
406587.50	3758162.50	0.14142	406587.50	3758137.50	0.13752
406612.50	3758512.50	0.26504	406612.50	3758487.50	0.24175
406612.50	3758462.50	0.22017	406612.50	3758437.50	0.20661
406612.50	3758412.50	0.19707	406612.50	3758387.50	0.18616
406612.50	3758362.50	0.18272	406612.50	3758337.50	0.17824
406612.50	3758312.50	0.17403	406612.50	3758287.50	0.16765
406612.50	3758262.50	0.16230	406612.50	3758237.50	0.15685
406612.50	3758212.50	0.15165	406612.50	3758187.50	0.14648
406612.50	3758162.50	0.14299	406612.50	3758137.50	0.13978
406637.50	3758512.50	0.24945	406637.50	3758487.50	0.23156
406637.50	3758462.50	0.21418	406637.50	3758437.50	0.19883
406637.50	3758412.50	0.19181	406637.50	3758387.50	0.18853
406637.50	3758362.50	0.18602	406637.50	3758337.50	0.18358
406637.50	3758312.50	0.17765	406637.50	3758287.50	0.16983
406637.50	3758262.50	0.16345	406637.50	3758237.50	0.15768
406637.50	3758212.50	0.15210	406637.50	3758187.50	0.14808
406637.50	3758162.50	0.14333	406637.50	3758137.50	0.14042
406662.50	3758512.50	0.24293	406662.50	3758487.50	0.22674
406662.50	3758462.50	0.21329	406662.50	3758437.50	0.20440
406662.50	3758412.50	0.19963	406662.50	3758387.50	0.19221
406662.50	3758362.50	0.18857	406662.50	3758337.50	0.18462
406662.50	3758312.50	0.17807	406662.50	3758287.50	0.17145
406662.50	3758262.50	0.16455	406662.50	3758237.50	0.15897
406662.50	3758212.50	0.15481	406662.50	3758187.50	0.14939
406662.50	3758162.50	0.14643	406662.50	3758137.50	0.14167
406687.50	3758512.50	0.23360	406687.50	3758487.50	0.22307
406687.50	3758462.50	0.21375	406687.50	3758437.50	0.20839
406687.50	3758412.50	0.20165	406687.50	3758387.50	0.19427
406687.50	3758362.50	0.19019	406687.50	3758337.50	0.18582
406687.50	3758312.50	0.17874	406687.50	3758287.50	0.17167
406687.50	3758262.50	0.16641	406687.50	3758237.50	0.16164
406687.50	3758212.50	0.15610	406687.50	3758187.50	0.15303
406687.50	3758162.50	0.14814	406687.50	3758137.50	0.14350
406712.50	3758512.50	0.22628	406712.50	3758487.50	0.21857
* *** IS CST3 - VERSION 02035 ***					
*** WHITTIER MATRIX OIL PROJECT					
*** ANALYSIS ANNUAL NOx emissions					
*** 07/29/11					
*** 11:06:58					
*** PAGE 61					
**MODELOPTs:					
CONC	URBAN ELEV	FLGPOL	NOCALM		
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1					
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,					
*** DISCRETE CARTESIAN RECEPTOR POINTS ***					
** CONC OF OTHER IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406712.50	3758462.50	0.21329	406712.50	3758437.50	0.20707
406712.50	3758412.50	0.20310	406712.50	3758387.50	0.19716
406712.50	3758362.50	0.19180	406712.50	3758337.50	0.18683
406712.50	3758312.50	0.17963	406712.50	3758287.50	0.17294
406712.50	3758262.50	0.16933	406712.50	3758237.50	0.16350
406712.50	3758212.50	0.16042	406712.50	3758187.50	0.15531
406712.50	3758162.50	0.15072	406712.50	3758137.50	0.14590
406737.50	3758512.50	0.22361	406737.50	3758487.50	0.21809
406737.50	3758462.50	0.21451	406737.50	3758437.50	0.20863
406737.50	3758412.50	0.20429	406737.50	3758387.50	0.20035
406737.50	3758362.50	0.19614	406737.50	3758337.50	0.18858
406737.50	3758312.50	0.18267	406737.50	3758287.50	0.17794
406737.50	3758262.50	0.17184	406737.50	3758237.50	0.16868
406737.50	3758212.50	0.16325	406737.50	3758187.50	0.15823
406737.50	3758162.50	0.15344	406737.50	3758137.50	0.14892
406762.50	3758512.50	0.22330	406762.50	3758487.50	0.22096
406762.50	3758462.50	0.21597	406762.50	3758437.50	0.21316
406762.50	3758412.50	0.20795	406762.50	3758387.50	0.20314
406762.50	3758362.50	0.19957	406762.50	3758337.50	0.19442
406762.50	3758312.50	0.18799	406762.50	3758287.50	0.18199
406762.50	3758262.50	0.17796	406762.50	3758237.50	0.17225

Appendix B

			NOx Annual Emissions Unmitigated		
406762.50	3758212.50	0.16848	406762.50	3758187.50	0.16192
406762.50	3758162.50	0.15717	406762.50	3758137.50	0.15269
406787.50	3758512.50	0.22327	406787.50	3758487.50	0.22211
406787.50	3758462.50	0.22077	406787.50	3758437.50	0.21865
406787.50	3758412.50	0.21460	406787.50	3758387.50	0.21015
406787.50	3758362.50	0.20709	406787.50	3758337.50	0.20105
406787.50	3758312.50	0.19493	406787.50	3758287.50	0.19071
406787.50	3758262.50	0.18348	406787.50	3758237.50	0.17942
406787.50	3758212.50	0.17408	406787.50	3758187.50	0.16654
406787.50	3758162.50	0.16181	406787.50	3758137.50	0.15552
406812.50	3758512.50	0.22851	406812.50	3758487.50	0.22940
406812.50	3758462.50	0.22717	406812.50	3758437.50	0.22502
406812.50	3758412.50	0.22373	406812.50	3758387.50	0.21974
406812.50	3758362.50	0.21552	406812.50	3758337.50	0.21061
406812.50	3758312.50	0.20248	406812.50	3758287.50	0.19721
406812.50	3758262.50	0.19145	406812.50	3758237.50	0.18534
406812.50	3758212.50	0.17991	406812.50	3758187.50	0.17480
406812.50	3758162.50	0.16622	406812.50	3758137.50	0.16060
406837.50	3758512.50	0.23808	406837.50	3758487.50	0.23451
• *** ISCS3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT				*** 07/29/11
MODELOPTs:	* ANALYSIS ANNUAL NOx emissions				*** 11:06:58
CONC	URBAN ELEV FLGPOL		NOCALM		PAGE 62
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1					
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,					
*** DISCRETE CARTESIAN RECEPTOR POINTS ***					
** CONC OF OTHER IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406837.50	3758462.50	0.23430	406837.50	3758437.50	0.23421
406837.50	3758412.50	0.23533	406837.50	3758387.50	0.23245
406837.50	3758362.50	0.22665	406837.50	3758337.50	0.22140
406837.50	3758312.50	0.21388	406837.50	3758287.50	0.20450
406837.50	3758262.50	0.19704	406837.50	3758237.50	0.19022
406837.50	3758212.50	0.18708	406837.50	3758187.50	0.18189
406837.50	3758162.50	0.17504	406837.50	3758137.50	0.16927
406862.50	3758512.50	0.24742	406862.50	3758487.50	0.24657
406862.50	3758462.50	0.24674	406862.50	3758437.50	0.24687
406862.50	3758412.50	0.24680	406862.50	3758387.50	0.24362
406862.50	3758362.50	0.23840	406862.50	3758337.50	0.23435
406862.50	3758312.50	0.22529	406862.50	3758287.50	0.20999
406862.50	3758262.50	0.20179	406862.50	3758237.50	0.19901
406862.50	3758212.50	0.19649	406862.50	3758187.50	0.19323
406862.50	3758162.50	0.19084	406862.50	3758137.50	0.18660
406887.50	3758512.50	0.26481	406887.50	3758487.50	0.26155
406887.50	3758462.50	0.25941	406887.50	3758437.50	0.26166
406887.50	3758412.50	0.26010	406887.50	3758387.50	0.25845
406887.50	3758362.50	0.25373	406887.50	3758337.50	0.24619
406887.50	3758312.50	0.23094	406887.50	3758287.50	0.21424
406887.50	3758262.50	0.21355	406887.50	3758237.50	0.21418
406887.50	3758212.50	0.21451	406887.50	3758187.50	0.21098
406887.50	3758162.50	0.20817	406887.50	3758137.50	0.20602
406912.50	3758512.50	0.28287	406912.50	3758487.50	0.28036
406912.50	3758462.50	0.27605	406912.50	3758437.50	0.27687
406912.50	3758412.50	0.27983	406912.50	3758387.50	0.27737
406912.50	3758362.50	0.26854	406912.50	3758337.50	0.25993
406912.50	3758312.50	0.23869	406912.50	3758287.50	0.22530
406912.50	3758262.50	0.23324	406912.50	3758237.50	0.23934
406912.50	3758212.50	0.23693	406912.50	3758187.50	0.23228
406912.50	3758162.50	0.22883	406912.50	3758137.50	0.22542
406937.50	3758512.50	0.30797	406937.50	3758487.50	0.30322
406937.50	3758462.50	0.29784	406937.50	3758437.50	0.29404
406937.50	3758412.50	0.29901	406937.50	3758387.50	0.29446
406937.50	3758362.50	0.28492	406937.50	3758337.50	0.27200
406937.50	3758312.50	0.25358	406937.50	3758287.50	0.25608
406937.50	3758262.50	0.26329	406937.50	3758237.50	0.26891
406937.50	3758212.50	0.26700	406937.50	3758187.50	0.26232
406937.50	3758162.50	0.25559	406937.50	3758137.50	0.24747
406962.50	3758512.50	0.34601	406962.50	3758487.50	0.33998
• *** ISCS3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT				*** 07/29/11
MODELOPTs:	* ANALYSIS ANNUAL NOx emissions				*** 11:06:58
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Appendix B

NOx Annual Emissions Unmitigated
NOCALM

CONC URBAN ELEV FLGPOL
 *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406962.50	3758462.50	0.33398	406962.50	3758437.50	0.32642
406962.50	3758412.50	0.32603	406962.50	3758387.50	0.31838
406962.50	3758362.50	0.29923	406962.50	3758337.50	0.28741
406962.50	3758312.50	0.28354	406962.50	3758287.50	0.28810
406962.50	3758262.50	0.29875	406962.50	3758237.50	0.29764
406962.50	3758212.50	0.29299	406962.50	3758187.50	0.28846
406962.50	3758162.50	0.27744	406962.50	3758137.50	0.26369
406987.50	3758512.50	0.39354	406987.50	3758487.50	0.38595
406987.50	3758462.50	0.37126	406987.50	3758437.50	0.36354
406987.50	3758412.50	0.35336	406987.50	3758387.50	0.33802
406987.50	3758362.50	0.31515	406987.50	3758337.50	0.30401
406987.50	3758312.50	0.30091	406987.50	3758287.50	0.31180
406987.50	3758262.50	0.32242	406987.50	3758237.50	0.31578
406987.50	3758212.50	0.30940	406987.50	3758187.50	0.29923
406987.50	3758162.50	0.28226	406987.50	3758137.50	0.26549
407012.50	3758512.50	0.43092	407012.50	3758487.50	0.42053
407012.50	3758462.50	0.41035	407012.50	3758437.50	0.39564
407012.50	3758412.50	0.38092	407012.50	3758387.50	0.36291
407012.50	3758362.50	0.34449	407012.50	3758337.50	0.33896
407012.50	3758312.50	0.33149	407012.50	3758287.50	0.33770
407012.50	3758262.50	0.33644	407012.50	3758237.50	0.32548
407012.50	3758212.50	0.31570	407012.50	3758187.50	0.29848
407012.50	3758162.50	0.27909	407012.50	3758137.50	0.27306
407037.50	3758512.50	0.46021	407037.50	3758487.50	0.45251
407037.50	3758462.50	0.43925	407037.50	3758437.50	0.42649
407037.50	3758412.50	0.40928	407037.50	3758387.50	0.39134
407037.50	3758362.50	0.38135	407037.50	3758337.50	0.37740
407037.50	3758312.50	0.36774	407037.50	3758287.50	0.35840
407037.50	3758262.50	0.34570	407037.50	3758237.50	0.33355
407037.50	3758212.50	0.32404	407037.50	3758187.50	0.31826
407037.50	3758162.50	0.31158	407037.50	3758137.50	0.30427
407062.50	3758512.50	0.48530	407062.50	3758487.50	0.48348
407062.50	3758462.50	0.46891	407062.50	3758437.50	0.45469
407062.50	3758412.50	0.43443	407062.50	3758387.50	0.41551
407062.50	3758362.50	0.40393	407062.50	3758337.50	0.39691
407062.50	3758312.50	0.38597	407062.50	3758287.50	0.37163
407062.50	3758262.50	0.35856	407062.50	3758237.50	0.34635
407062.50	3758212.50	0.34039	407062.50	3758187.50	0.33318
407062.50	3758162.50	0.32479	407062.50	3758137.50	0.31673
407087.50	3758512.50	0.52457	407087.50	3758487.50	0.51355

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions *** 11:06:58
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NOCALM

CONC URBAN ELEV FLGPOL
 *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407087.50	3758462.50	0.50296	407087.50	3758437.50	0.48049
407087.50	3758412.50	0.46087	407087.50	3758387.50	0.44270
407087.50	3758362.50	0.42932	407087.50	3758337.50	0.41653
407087.50	3758312.50	0.40431	407087.50	3758287.50	0.39248
407087.50	3758262.50	0.37643	407087.50	3758237.50	0.36122
407087.50	3758212.50	0.35151	407087.50	3758187.50	0.34312
407087.50	3758162.50	0.33414	407087.50	3758137.50	0.32552
407112.50	3758512.50	0.54844	407112.50	3758487.50	0.54243
407112.50	3758462.50	0.52349	407112.50	3758437.50	0.50554
407112.50	3758412.50	0.48042	407112.50	3758387.50	0.45715
407112.50	3758362.50	0.44277	407112.50	3758337.50	0.42908

Appendix B

			NOx Annual Emissions Unmitigated		
407112.50	3758312.50	0.41672	407112.50	3758287.50	0.40505
407112.50	3758262.50	0.39234	407112.50	3758237.50	0.37695
407112.50	3758212.50	0.36564	407112.50	3758187.50	0.35501
407112.50	3758162.50	0.34239	407112.50	3758137.50	0.32928
407137.50	3758512.50	0.57521	407137.50	3758487.50	0.57424
407137.50	3758462.50	0.55375	407137.50	3758437.50	0.51945
407137.50	3758412.50	0.49496	407137.50	3758387.50	0.47079
407137.50	3758362.50	0.45069	407137.50	3758337.50	0.44121
407137.50	3758312.50	0.42741	407137.50	3758287.50	0.41953
407137.50	3758262.50	0.40224	407137.50	3758237.50	0.38974
407137.50	3758212.50	0.37231	407137.50	3758187.50	0.36349
407137.50	3758162.50	0.35338	407137.50	3758137.50	0.33977
407162.50	3758512.50	0.59137	407162.50	3758487.50	0.58799
407162.50	3758462.50	0.57666	407162.50	3758437.50	0.53503
407162.50	3758412.50	0.50574	407162.50	3758387.50	0.48511
407162.50	3758362.50	0.46297	407162.50	3758337.50	0.44806
407162.50	3758312.50	0.43935	407162.50	3758287.50	0.42555
407162.50	3758262.50	0.41243	407162.50	3758237.50	0.40119
407162.50	3758212.50	0.38988	407162.50	3758187.50	0.37894
407162.50	3758162.50	0.36699	407162.50	3758137.50	0.34930
407187.50	3758512.50	0.64703	407187.50	3758487.50	0.63328
407187.50	3758462.50	0.59156	407187.50	3758437.50	0.55027
407187.50	3758412.50	0.51286	407187.50	3758387.50	0.48841
407187.50	3758362.50	0.47223	407187.50	3758337.50	0.45687
407187.50	3758312.50	0.44291	407187.50	3758287.50	0.43332
407187.50	3758262.50	0.42040	407187.50	3758237.50	0.41132
407187.50	3758212.50	0.40441	407187.50	3758187.50	0.39724
407187.50	3758162.50	0.38322	407187.50	3758137.50	0.36415
407212.50	3758512.50	0.64148	407212.50	3758487.50	0.61848

*** IS CST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL NOx emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407212.50	3758462.50	0.58738	407212.50	3758437.50	0.56475
407212.50	3758412.50	0.52536	407212.50	3758387.50	0.49271
407212.50	3758362.50	0.47567	407212.50	3758337.50	0.45970
407212.50	3758312.50	0.44576	407212.50	3758287.50	0.43259
407212.50	3758262.50	0.42317	407212.50	3758237.50	0.41388
407212.50	3758212.50	0.41160	407212.50	3758187.50	0.40313
407212.50	3758162.50	0.38949	407212.50	3758137.50	0.36721
407237.50	3758512.50	0.61927	407237.50	3758487.50	0.60187
407237.50	3758462.50	0.57967	407237.50	3758437.50	0.55409
407237.50	3758412.50	0.52142	407237.50	3758387.50	0.49072
407237.50	3758362.50	0.46986	407237.50	3758337.50	0.45527
407237.50	3758312.50	0.44331	407237.50	3758287.50	0.43239
407237.50	3758262.50	0.41993	407237.50	3758237.50	0.40799
407237.50	3758212.50	0.40352	407237.50	3758187.50	0.39207
407237.50	3758162.50	0.37606	407237.50	3758137.50	0.35783
407262.50	3758512.50	0.58965	407262.50	3758487.50	0.57449
407262.50	3758462.50	0.55646	407262.50	3758437.50	0.54400
407262.50	3758412.50	0.51962	407262.50	3758387.50	0.48020
407262.50	3758362.50	0.45780	407262.50	3758337.50	0.44445
407262.50	3758312.50	0.43580	407262.50	3758287.50	0.42337
407262.50	3758262.50	0.41394	407262.50	3758237.50	0.39965
407262.50	3758212.50	0.38543	407262.50	3758187.50	0.37284
407262.50	3758162.50	0.35959	407262.50	3758137.50	0.34402
407287.50	3758512.50	0.55598	407287.50	3758487.50	0.53722
407287.50	3758462.50	0.52690	407287.50	3758437.50	0.51537
407287.50	3758412.50	0.49679	407287.50	3758387.50	0.46438
407287.50	3758362.50	0.43809	407287.50	3758337.50	0.42916
407287.50	3758312.50	0.42086	407287.50	3758287.50	0.41046
407287.50	3758262.50	0.39960	407287.50	3758237.50	0.38239
407287.50	3758212.50	0.36227	407287.50	3758187.50	0.35112
407287.50	3758162.50	0.34460	407287.50	3758137.50	0.33050
407312.50	3758512.50	0.52371	407312.50	3758487.50	0.51470
407312.50	3758462.50	0.49589	407312.50	3758437.50	0.48031

Appendix B

			NOx Annual Emissions Unmitigated		
407312.50	3758412.50	0.46463	407312.50	3758387.50	0.44204
407312.50	3758362.50	0.41461	407312.50	3758337.50	0.40265
407312.50	3758312.50	0.39623	407312.50	3758287.50	0.38637
407312.50	3758262.50	0.37233	407312.50	3758237.50	0.35204
407312.50	3758212.50	0.33758	407312.50	3758187.50	0.33023
407312.50	3758162.50	0.32697	407312.50	3758137.50	0.32050
407337.50	3758512.50	0.59627	407337.50	3758487.50	0.57554

*** ISCS T3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions *** 11:06:58
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 66
 CONC

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407337.50	3758462.50	0.45720	407337.50	3758437.50	0.44167
407337.50	3758412.50	0.42634	407337.50	3758387.50	0.41051
407337.50	3758362.50	0.38300	407337.50	3758337.50	0.37075
407337.50	3758312.50	0.36029	407337.50	3758287.50	0.34944
407337.50	3758262.50	0.33793	407337.50	3758237.50	0.32612
407337.50	3758212.50	0.31432	407337.50	3758187.50	0.30774
407337.50	3758162.50	0.30852	407337.50	3758137.50	0.30393
407362.50	3758512.50	0.54540	407362.50	3758487.50	0.53260
407362.50	3758462.50	0.41502	407362.50	3758437.50	0.40168
407362.50	3758412.50	0.38907	407362.50	3758387.50	0.37581
407362.50	3758362.50	0.35547	407362.50	3758337.50	0.34173
407362.50	3758312.50	0.32733	407362.50	3758287.50	0.31582
407362.50	3758262.50	0.30585	407362.50	3758237.50	0.28907
407362.50	3758212.50	0.28419	407362.50	3758187.50	0.27723
407362.50	3758162.50	0.27919	407362.50	3758137.50	0.27969
407387.50	3758512.50	0.50277	407387.50	3758487.50	0.48877
407387.50	3758462.50	0.37444	407387.50	3758437.50	0.36020
407387.50	3758412.50	0.35280	407387.50	3758387.50	0.34362
407387.50	3758362.50	0.32820	407387.50	3758337.50	0.31876
407387.50	3758312.50	0.30462	407387.50	3758287.50	0.29145
407387.50	3758262.50	0.27730	407387.50	3758237.50	0.26367
407387.50	3758212.50	0.25051	407387.50	3758187.50	0.23441
407387.50	3758162.50	0.23220	407387.50	3758137.50	0.23239
407412.50	3758512.50	0.36300	407412.50	3758487.50	0.35401
407412.50	3758462.50	0.34061	407412.50	3758437.50	0.32714
407412.50	3758412.50	0.31863	407412.50	3758387.50	0.31315
407412.50	3758362.50	0.30287	407412.50	3758337.50	0.29314
407412.50	3758312.50	0.28574	407412.50	3758287.50	0.27345
407412.50	3758262.50	0.26223	407412.50	3758237.50	0.24825
407412.50	3758212.50	0.23437	407412.50	3758187.50	0.22227
407412.50	3758162.50	0.21642	407412.50	3758137.50	0.21066
407437.50	3758512.50	0.43460	407437.50	3758487.50	0.42404
407437.50	3758462.50	0.41871	407437.50	3758437.50	0.31448
407437.50	3758412.50	0.30035	407437.50	3758387.50	0.29003
407437.50	3758362.50	0.28043	407437.50	3758337.50	0.27364
407437.50	3758312.50	0.26690	407437.50	3758287.50	0.26052
407437.50	3758262.50	0.24612	407437.50	3758237.50	0.23547
407437.50	3758212.50	0.22920	407437.50	3758187.50	0.22508
407437.50	3758162.50	0.21931	407437.50	3758137.50	0.20986
407462.50	3758512.50	0.39453	407462.50	3758487.50	0.39570

*** ISCS T3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions *** 11:06:58
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 67
 CONC

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407462.50	3758462.50	0.38152	407462.50	3758437.50	0.38154

Appendix B

			NOx Annual Emissions Unmitigated		
407462.50	3758412.50	0.28638	407462.50	3758387.50	0.27151
407462.50	3758362.50	0.25817	407462.50	3758337.50	0.25267
407462.50	3758312.50	0.24852	407462.50	3758287.50	0.24520
407462.50	3758262.50	0.23783	407462.50	3758237.50	0.22589
407462.50	3758212.50	0.22012	407462.50	3758187.50	0.21581
407462.50	3758162.50	0.21035	407462.50	3758137.50	0.20517
407487.50	3758512.50	0.37599	407487.50	3758487.50	0.34628
407487.50	3758462.50	0.34115	407487.50	3758437.50	0.34804
407487.50	3758412.50	0.27060	407487.50	3758387.50	0.25522
407487.50	3758362.50	0.24321	407487.50	3758337.50	0.23673
407487.50	3758312.50	0.23246	407487.50	3758287.50	0.22999
407487.50	3758262.50	0.22624	407487.50	3758237.50	0.22100
407487.50	3758212.50	0.21585	407487.50	3758187.50	0.20929
407487.50	3758162.50	0.20492	407487.50	3758137.50	0.20077
407512.50	3758512.50	0.29396	407512.50	3758487.50	0.28584
407512.50	3758462.50	0.33779	407512.50	3758437.50	0.26967
407512.50	3758412.50	0.25316	407512.50	3758387.50	0.24069
407512.50	3758362.50	0.23174	407512.50	3758337.50	0.22952
407512.50	3758312.50	0.22511	407512.50	3758287.50	0.22060
407512.50	3758262.50	0.21659	407512.50	3758237.50	0.21129
407512.50	3758212.50	0.20787	407512.50	3758187.50	0.20358
407512.50	3758162.50	0.19987	407512.50	3758137.50	0.19462
407537.50	3758512.50	0.03290	407537.50	3758487.50	0.03203
407537.50	3758462.50	0.03122	407537.50	3758437.50	0.03048
407537.50	3758412.50	0.02980	407537.50	3758387.50	0.02917
407537.50	3758362.50	0.02861	407537.50	3758337.50	0.02810
407537.50	3758312.50	0.02763	407537.50	3758287.50	0.02722
407537.50	3758262.50	0.02686	407537.50	3758237.50	0.02653
407537.50	3758212.50	0.02625	407537.50	3758187.50	0.02600
407537.50	3758162.50	0.02579	407537.50	3758137.50	0.02562
407562.50	3758512.50	0.03369	407562.50	3758487.50	0.03274
407562.50	3758462.50	0.03186	407562.50	3758437.50	0.03103
407562.50	3758412.50	0.03027	407562.50	3758387.50	0.02957
407562.50	3758362.50	0.02894	407562.50	3758337.50	0.02836
407562.50	3758312.50	0.02783	407562.50	3758287.50	0.02736
407562.50	3758262.50	0.02693	407562.50	3758237.50	0.02655
407562.50	3758212.50	0.02621	407562.50	3758187.50	0.02592
407562.50	3758162.50	0.02566	407562.50	3758137.50	0.02544
407587.50	3758512.50	0.03453	407587.50	3758487.50	0.03352
• *** ISCST3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT		***	07/29/11	
	*** ANALYSIS ANNUAL NOx emissions		***	11:06:58	
**MODELOPTs:				PAGE 68	
CONC	URBAN ELEV	FLGPOL	NOCALM		
	*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1				***
	INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,				
	*** DISCRETE CARTESIAN RECEPTOR POINTS ***				
	** CONC OF OTHER	IN MICROGRAMS/M**3	**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407587.50	3758462.50	0.03256	407587.50	3758437.50	0.03167
407587.50	3758412.50	0.03084	407587.50	3758387.50	0.03007
407587.50	3758362.50	0.02937	407587.50	3758337.50	0.02872
407587.50	3758312.50	0.02813	407587.50	3758287.50	0.02759
407587.50	3758262.50	0.02711	407587.50	3758237.50	0.02668
407587.50	3758212.50	0.02629	407587.50	3758187.50	0.02594
407587.50	3758162.50	0.02563	407587.50	3758137.50	0.02536
407612.50	3758512.50	0.03539	407612.50	3758487.50	0.03433
407612.50	3758462.50	0.03332	407612.50	3758437.50	0.03237
407612.50	3758412.50	0.03148	407612.50	3758387.50	0.03065
407612.50	3758362.50	0.02988	407612.50	3758337.50	0.02917
407612.50	3758312.50	0.02852	407612.50	3758287.50	0.02792
407612.50	3758262.50	0.02738	407612.50	3758237.50	0.02689
407612.50	3758212.50	0.02645	407612.50	3758187.50	0.02606
407612.50	3758162.50	0.02570	407612.50	3758137.50	0.02539
407637.50	3758512.50	0.03624	407637.50	3758487.50	0.03515
407637.50	3758462.50	0.03410	407637.50	3758437.50	0.03311
407637.50	3758412.50	0.03217	407637.50	3758387.50	0.03128
407637.50	3758362.50	0.03046	407637.50	3758337.50	0.02969
407637.50	3758312.50	0.02898	407637.50	3758287.50	0.02833
407637.50	3758262.50	0.02774	407637.50	3758237.50	0.02720
407637.50	3758212.50	0.02670	407637.50	3758187.50	0.02626
407637.50	3758162.50	0.02585	407637.50	3758137.50	0.02549

Appendix B

			NOx Annual Emissions Unmitigated			
407662.50	3758512.50	0.03706	407662.50	3758487.50	0.03596	
407662.50	3758462.50	0.03490	407662.50	3758437.50	0.03387	
407662.50	3758412.50	0.03289	407662.50	3758387.50	0.03197	
407662.50	3758362.50	0.03109	407662.50	3758337.50	0.03028	
407662.50	3758312.50	0.02952	407662.50	3758287.50	0.02881	
407662.50	3758262.50	0.02816	407662.50	3758237.50	0.02757	
407662.50	3758212.50	0.02703	407662.50	3758187.50	0.02653	
407662.50	3758162.50	0.02608	407662.50	3758137.50	0.02568	
407687.50	3758512.50	0.03783	407687.50	3758487.50	0.03674	
407687.50	3758462.50	0.03568	407687.50	3758437.50	0.03464	
407687.50	3758412.50	0.03364	407687.50	3758387.50	0.03268	
407687.50	3758362.50	0.03177	407687.50	3758337.50	0.03091	
407687.50	3758312.50	0.03010	407687.50	3758287.50	0.02935	
407687.50	3758262.50	0.02865	407687.50	3758237.50	0.02801	
407687.50	3758212.50	0.02742	407687.50	3758187.50	0.02687	
407687.50	3758162.50	0.02638	407687.50	3758137.50	0.02593	
407712.50	3758512.50	0.03853	407712.50	3758487.50	0.03747	
* *** IS CST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			*** 07/29/11
MODELOPTs:			* ANALYSIS ANNUAL NOx emissions			*** 11:06:58
CONC	URBAN ELEV	FLGPOL	NOCALM		PAGE 69	
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***						
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,						
*** DISCRETE CARTESIAN RECEPTOR POINTS ***						
** CONC OF OTHER IN MICROGRAMS/M**3 **						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
407712.50	3758462.50	0.03642	407712.50	3758437.50	0.03539	
407712.50	3758412.50	0.03438	407712.50	3758387.50	0.03341	
407712.50	3758362.50	0.03247	407712.50	3758337.50	0.03158	
407712.50	3758312.50	0.03074	407712.50	3758287.50	0.02994	
407712.50	3758262.50	0.02920	407712.50	3758237.50	0.02851	
407712.50	3758212.50	0.02787	407712.50	3758187.50	0.02728	
407712.50	3758162.50	0.02673	407712.50	3758137.50	0.02624	
407737.50	3758512.50	0.03915	407737.50	3758487.50	0.03814	
407737.50	3758462.50	0.03712	407737.50	3758437.50	0.03611	
407737.50	3758412.50	0.03512	407737.50	3758387.50	0.03414	
407737.50	3758362.50	0.03320	407737.50	3758337.50	0.03228	
407737.50	3758312.50	0.03141	407737.50	3758287.50	0.03058	
407737.50	3758262.50	0.02980	407737.50	3758237.50	0.02906	
407737.50	3758212.50	0.02838	407737.50	3758187.50	0.02774	
407737.50	3758162.50	0.02715	407737.50	3758137.50	0.02661	
407762.50	3758512.50	0.03966	407762.50	3758487.50	0.03871	
407762.50	3758462.50	0.03775	407762.50	3758437.50	0.03678	
407762.50	3758412.50	0.03582	407762.50	3758387.50	0.03486	
407762.50	3758362.50	0.03392	407762.50	3758337.50	0.03300	
407762.50	3758312.50	0.03211	407762.50	3758287.50	0.03126	
407762.50	3758262.50	0.03044	407762.50	3758237.50	0.02967	
407762.50	3758212.50	0.02894	407762.50	3758187.50	0.02826	
407762.50	3758162.50	0.02763	407762.50	3758137.50	0.02705	
407787.50	3758512.50	0.04007	407787.50	3758487.50	0.03920	
407787.50	3758462.50	0.03830	407787.50	3758437.50	0.03739	
407787.50	3758412.50	0.03647	407787.50	3758387.50	0.03554	
407787.50	3758362.50	0.03462	407787.50	3758337.50	0.03371	
407787.50	3758312.50	0.03282	407787.50	3758287.50	0.03196	
407787.50	3758262.50	0.03112	407787.50	3758237.50	0.03032	
407787.50	3758212.50	0.02956	407787.50	3758187.50	0.02884	
407787.50	3758162.50	0.02817	407787.50	3758137.50	0.02754	
407812.50	3758512.50	0.04036	407812.50	3758487.50	0.03958	
407812.50	3758462.50	0.03876	407812.50	3758437.50	0.03792	
407812.50	3758412.50	0.03705	407812.50	3758387.50	0.03618	
407812.50	3758362.50	0.03529	407812.50	3758337.50	0.03441	
407812.50	3758312.50	0.03353	407812.50	3758287.50	0.03266	
407812.50	3758262.50	0.03182	407812.50	3758237.50	0.03101	
407812.50	3758212.50	0.03022	407812.50	3758187.50	0.02947	
407812.50	3758162.50	0.02876	407812.50	3758137.50	0.02809	
407837.50	3758512.50	0.04055	407837.50	3758487.50	0.03986	
* *** IS CST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			*** 07/29/11
MODELOPTs:			* ANALYSIS ANNUAL NOx emissions			*** 11:06:58
CONC	URBAN ELEV	FLGPOL	NOCALM		PAGE 70	

Appendix B

NOx Annual Emissions Unmitigated
 *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407837.50	3758462.50	0.03912	407837.50	3758437.50	0.03836
407837.50	3758412.50	0.03756	407837.50	3758387.50	0.03675
407837.50	3758362.50	0.03591	407837.50	3758337.50	0.03507
407837.50	3758312.50	0.03421	407837.50	3758287.50	0.03337
407837.50	3758262.50	0.03253	407837.50	3758237.50	0.03171
407837.50	3758212.50	0.03091	407837.50	3758187.50	0.03014
407837.50	3758162.50	0.02940	407837.50	3758137.50	0.02870
407862.50	3758512.50	0.04063	407862.50	3758487.50	0.04003
407862.50	3758462.50	0.03939	407862.50	3758437.50	0.03870
407862.50	3758412.50	0.03799	407862.50	3758387.50	0.03724
407862.50	3758362.50	0.03647	407862.50	3758337.50	0.03567
407862.50	3758312.50	0.03487	407862.50	3758287.50	0.03405
407862.50	3758262.50	0.03323	407862.50	3758237.50	0.03242
407862.50	3758212.50	0.03162	407862.50	3758187.50	0.03084
407862.50	3758162.50	0.03008	407862.50	3758137.50	0.02935
407887.50	3758512.50	0.04061	407887.50	3758487.50	0.04010
407887.50	3758462.50	0.03954	407887.50	3758437.50	0.03895
407887.50	3758412.50	0.03832	407887.50	3758387.50	0.03765
407887.50	3758362.50	0.03695	407887.50	3758337.50	0.03622
407887.50	3758312.50	0.03546	407887.50	3758287.50	0.03469
407887.50	3758262.50	0.03391	407887.50	3758237.50	0.03312
407887.50	3758212.50	0.03233	407887.50	3758187.50	0.03155
407887.50	3758162.50	0.03078	407887.50	3758137.50	0.03004
407912.50	3758512.50	0.04050	407912.50	3758487.50	0.04007
407912.50	3758462.50	0.03961	407912.50	3758437.50	0.03910
407912.50	3758412.50	0.03856	407912.50	3758387.50	0.03797
407912.50	3758362.50	0.03735	407912.50	3758337.50	0.03669
407912.50	3758312.50	0.03600	407912.50	3758287.50	0.03528
407912.50	3758262.50	0.03454	407912.50	3758237.50	0.03379
407912.50	3758212.50	0.03302	407912.50	3758187.50	0.03226
407912.50	3758162.50	0.03150	407912.50	3758137.50	0.03075
407937.50	3758512.50	0.04031	407937.50	3758487.50	0.03996
407937.50	3758462.50	0.03958	407937.50	3758437.50	0.03916
407937.50	3758412.50	0.03870	407937.50	3758387.50	0.03820
407937.50	3758362.50	0.03765	407937.50	3758337.50	0.03707
407937.50	3758312.50	0.03645	407937.50	3758287.50	0.03580
407937.50	3758262.50	0.03512	407937.50	3758237.50	0.03441
407937.50	3758212.50	0.03369	407937.50	3758187.50	0.03295
407937.50	3758162.50	0.03221	407937.50	3758137.50	0.03146
407962.50	3758512.50	0.04006	407962.50	3758487.50	0.03978

* *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL NOx emissions

*** 07/29/11
 *** 11:06:58
 *** PAGE 71

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407962.50	3758462.50	0.03947	407962.50	3758437.50	0.03913
407962.50	3758412.50	0.03875	407962.50	3758387.50	0.03833
407962.50	3758362.50	0.03787	407962.50	3758337.50	0.03737
407962.50	3758312.50	0.03683	407962.50	3758287.50	0.03624
407962.50	3758262.50	0.03563	407962.50	3758237.50	0.03498
407962.50	3758212.50	0.03430	407962.50	3758187.50	0.03361
407962.50	3758162.50	0.03289	407962.50	3758137.50	0.03217
407987.50	3758512.50	0.03975	407987.50	3758487.50	0.03953
407987.50	3758462.50	0.03929	407987.50	3758437.50	0.03903
407987.50	3758412.50	0.03872	407987.50	3758387.50	0.03838
407987.50	3758362.50	0.03800	407987.50	3758337.50	0.03758
407987.50	3758312.50	0.03711	407987.50	3758287.50	0.03661
407987.50	3758262.50	0.03606	407987.50	3758237.50	0.03548

Appendix B

			NOx Annual Emissions Unmitigated		
407987.50	3758212.50	0.03486	407987.50	3758187.50	0.03421
407987.50	3758162.50	0.03354	407987.50	3758137.50	0.03285
408012.50	3758512.50	0.03941	408012.50	3758487.50	0.03924
408012.50	3758462.50	0.03906	408012.50	3758437.50	0.03885
408012.50	3758412.50	0.03862	408012.50	3758387.50	0.03835
408012.50	3758362.50	0.03805	408012.50	3758337.50	0.03770
408012.50	3758312.50	0.03732	408012.50	3758287.50	0.03689
408012.50	3758262.50	0.03641	408012.50	3758237.50	0.03590
408012.50	3758212.50	0.03535	408012.50	3758187.50	0.03476
408012.50	3758162.50	0.03414	408012.50	3758137.50	0.03349
408037.50	3758512.50	0.03904	408037.50	3758487.50	0.03891
408037.50	3758462.50	0.03877	408037.50	3758437.50	0.03862
408037.50	3758412.50	0.03845	408037.50	3758387.50	0.03825
408037.50	3758362.50	0.03802	408037.50	3758337.50	0.03775
408037.50	3758312.50	0.03743	408037.50	3758287.50	0.03708
408037.50	3758262.50	0.03668	408037.50	3758237.50	0.03624
408037.50	3758212.50	0.03576	408037.50	3758187.50	0.03523
408037.50	3758162.50	0.03467	408037.50	3758137.50	0.03408
408062.50	3758512.50	0.03866	408062.50	3758487.50	0.03855
408062.50	3758462.50	0.03845	408062.50	3758437.50	0.03834
408062.50	3758412.50	0.03823	408062.50	3758387.50	0.03808
408062.50	3758362.50	0.03792	408062.50	3758337.50	0.03771
408062.50	3758312.50	0.03747	408062.50	3758287.50	0.03719
408062.50	3758262.50	0.03687	408062.50	3758237.50	0.03650
408062.50	3758212.50	0.03609	408062.50	3758187.50	0.03563
408062.50	3758162.50	0.03514	408062.50	3758137.50	0.03460
408087.50	3758512.50	0.03828	408087.50	3758487.50	0.03818
. *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11					
MODELOPTs: * ANALYSIS ANNUAL NOx emissions *** 11:06:58					
CONC URBAN ELEV FLGPOL NOCALM PAGE 72					
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***					
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,					
*** DISCRETE CARTESIAN RECEPTOR POINTS ***					
** CONC OF OTHER IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
408087.50	3758462.50	0.03811	408087.50	3758437.50	0.03803
408087.50	3758412.50	0.03796	408087.50	3758387.50	0.03787
408087.50	3758362.50	0.03775	408087.50	3758337.50	0.03761
408087.50	3758312.50	0.03744	408087.50	3758287.50	0.03723
408087.50	3758262.50	0.03697	408087.50	3758237.50	0.03668
408087.50	3758212.50	0.03633	408087.50	3758187.50	0.03595
408087.50	3758162.50	0.03552	408087.50	3758137.50	0.03505
408112.50	3758512.50	0.03790	408112.50	3758487.50	0.03781
408112.50	3758462.50	0.03775	408112.50	3758437.50	0.03770
408112.50	3758412.50	0.03765	408112.50	3758387.50	0.03760
408112.50	3758362.50	0.03754	408112.50	3758337.50	0.03745
408112.50	3758312.50	0.03734	408112.50	3758287.50	0.03719
408112.50	3758262.50	0.03700	408112.50	3758237.50	0.03677
408112.50	3758212.50	0.03650	408112.50	3758187.50	0.03619
408112.50	3758162.50	0.03583	408112.50	3758137.50	0.03542
405962.50	3758562.50	0.20247	406012.50	3758562.50	0.21661
406062.50	3758562.50	0.22908	406112.50	3758562.50	0.24348
406162.50	3758562.50	0.25748	406212.50	3758562.50	0.27360
406262.50	3758562.50	0.29074	406312.50	3758562.50	0.30529
406362.50	3758562.50	0.31429	406412.50	3758562.50	0.32500
406462.50	3758562.50	0.32993	405962.50	3760012.50	0.37703
405962.50	3759962.50	0.38813	405962.50	3759912.50	0.41048
405962.50	3759862.50	0.41736	405962.50	3759812.50	0.44435
405962.50	3759762.50	0.49380	405962.50	3759712.50	0.54875
405962.50	3759662.50	0.67475	405962.50	3759612.50	0.72281
405962.50	3759562.50	0.81944	405962.50	3759512.50	0.89731
405962.50	3759462.50	0.92503	405962.50	3759412.50	0.95837
405962.50	3759362.50	0.78307	405962.50	3759312.50	0.71047
405962.50	3759262.50	0.61833	405962.50	3759212.50	0.53206
405962.50	3759162.50	0.48091	405962.50	3759112.50	0.42200
405962.50	3759062.50	0.35980	405962.50	3759012.50	0.31079
405962.50	3758962.50	0.27363	405962.50	3758912.50	0.24568
405962.50	3758862.50	0.23045	405962.50	3758812.50	0.22143
405962.50	3758762.50	0.21375	405962.50	3758712.50	0.21067
405962.50	3758662.50	0.20760	405962.50	3758612.50	0.20680

Appendix B

			NOx Annual Emissions Unmitigated			
406012.50	3760012.50	0.39708	406012.50	3759962.50	0.42138	
406012.50	3759912.50	0.44178	406012.50	3759862.50	0.45113	
406012.50	3759812.50	0.46534	406012.50	3759762.50	0.50613	
406012.50	3759712.50	0.56303	406012.50	3759662.50	0.65953	
406012.50	3759612.50	0.78510	406012.50	3759562.50	0.85587	
* *** ISCS T3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			*** 07/29/11
			*** ANALYSIS ANNUAL NOx emissions			*** 11:06:58
**MODELOPTs:						PAGE 73
CONC	URBAN ELEV	FLGPOL	NOCALM			
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1						***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,						
*** DISCRETE CARTESIAN RECEPTOR POINTS ***						
** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
406012.50	3759512.50	0.94932	406012.50	3759462.50	0.97837	
406012.50	3759412.50	0.85067	406012.50	3759362.50	0.81844	
406012.50	3759312.50	0.74890	406012.50	3759262.50	0.67458	
406012.50	3759212.50	0.55855	406012.50	3759162.50	0.50905	
406012.50	3759112.50	0.44348	406012.50	3759062.50	0.37471	
406012.50	3759012.50	0.32006	406012.50	3758962.50	0.28681	
406012.50	3758912.50	0.26038	406012.50	3758862.50	0.24191	
406012.50	3758812.50	0.23316	406012.50	3758762.50	0.22929	
406012.50	3758712.50	0.22458	406012.50	3758662.50	0.22074	
406012.50	3758612.50	0.21844	406062.50	3760012.50	0.43013	
406062.50	3759812.50	0.50231	406062.50	3759762.50	0.60519	
406062.50	3759712.50	0.61608	406062.50	3759662.50	0.72752	
406062.50	3759612.50	0.79500	406062.50	3759562.50	0.72695	
406062.50	3759512.50	0.77117	406062.50	3759462.50	0.82457	
406062.50	3759412.50	0.82416	406062.50	3759362.50	0.78531	
406062.50	3759312.50	0.75609	406062.50	3759262.50	0.65239	
406062.50	3759212.50	0.60786	406062.50	3759162.50	0.54323	
406062.50	3759112.50	0.46760	406062.50	3759062.50	0.39528	
406062.50	3759012.50	0.33883	406062.50	3758962.50	0.30210	
406062.50	3758912.50	0.27533	406062.50	3758862.50	0.25935	
406062.50	3758812.50	0.25181	406062.50	3758762.50	0.24494	
406062.50	3758712.50	0.24047	406062.50	3758662.50	0.23589	
406062.50	3758612.50	0.23368	406112.50	3760012.50	0.47357	
406112.50	3759812.50	0.46039	406112.50	3759762.50	0.48178	
406112.50	3759712.50	0.51284	406112.50	3759662.50	0.55724	
406112.50	3759612.50	0.62308	406112.50	3759562.50	0.70609	
406112.50	3759512.50	0.79091	406112.50	3759462.50	0.78435	
406112.50	3759412.50	0.79775	406112.50	3759362.50	0.79720	
406112.50	3759312.50	0.78445	406112.50	3759262.50	0.74154	
406112.50	3759212.50	0.66111	406112.50	3759162.50	0.58194	
406112.50	3759112.50	0.49550	406112.50	3759062.50	0.41526	
406112.50	3759012.50	0.36073	406112.50	3758962.50	0.31879	
406112.50	3758912.50	0.29544	406112.50	3758862.50	0.28245	
406112.50	3758812.50	0.27185	406112.50	3758762.50	0.26473	
406112.50	3758712.50	0.25960	406112.50	3758662.50	0.25379	
406112.50	3758612.50	0.24808	406162.50	3760012.50	0.59318	
406162.50	3759812.50	0.62278	406162.50	3759462.50	0.87542	
406162.50	3759412.50	0.96824	406162.50	3759362.50	0.96335	
406162.50	3759312.50	0.93891	406162.50	3759262.50	0.81868	
406162.50	3759212.50	0.72128	406162.50	3759162.50	0.62319	
* *** ISCS T3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			*** 07/29/11
			*** ANALYSIS ANNUAL NOx emissions			*** 11:06:58
**MODELOPTs:						PAGE 74
CONC	URBAN ELEV	FLGPOL	NOCALM			
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1						***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,						
*** DISCRETE CARTESIAN RECEPTOR POINTS ***						
** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
406162.50	3759112.50	0.52322	406162.50	3759062.50	0.43700	
406162.50	3759012.50	0.37917	406162.50	3758962.50	0.34382	
406162.50	3758912.50	0.31621	406162.50	3758862.50	0.30451	

Appendix B

			NOx Annual Emissions Unmitigated				
406162.50	3758812.50	0.29458	406162.50	3758762.50	0.28453		
406162.50	3758712.50	0.27751	406162.50	3758662.50	0.27247		
406162.50	3758612.50	0.26427	406212.50	3759412.50	1.12782		
406212.50	3759362.50	1.12212	406212.50	3759312.50	1.03661		
406212.50	3759262.50	0.91653	406212.50	3759212.50	0.78323		
406212.50	3759162.50	0.66270	406212.50	3759112.50	0.55077		
406212.50	3759062.50	0.46157	406212.50	3759012.50	0.39672		
406212.50	3758962.50	0.36361	406212.50	3758912.50	0.33925		
406212.50	3758862.50	0.32574	406212.50	3758812.50	0.31792		
406212.50	3758762.50	0.30350	406212.50	3758712.50	0.29566		
406212.50	3758662.50	0.29028	406212.50	3758612.50	0.28354		
406262.50	3759412.50	1.46885	406262.50	3759362.50	1.21354		
406262.50	3759312.50	1.11548	406262.50	3759262.50	1.01038		
406262.50	3759212.50	0.85151	406262.50	3759162.50	0.70966		
406262.50	3759112.50	0.57793	406262.50	3759062.50	0.48110		
406262.50	3759012.50	0.41297	406262.50	3758962.50	0.38120		
406262.50	3758912.50	0.36118	406262.50	3758862.50	0.34522		
406262.50	3758812.50	0.33765	406262.50	3758762.50	0.32626		
406262.50	3758712.50	0.31945	406262.50	3758662.50	0.30899		
406262.50	3758612.50	0.30091	406312.50	3759412.50	1.62043		
406312.50	3759362.50	1.39002	406312.50	3759312.50	1.23628		
406312.50	3759262.50	1.10853	406312.50	3759212.50	0.93097		
406312.50	3759162.50	0.75109	406312.50	3759112.50	0.59748		
406312.50	3759062.50	0.49440	406312.50	3759012.50	0.43391		
406312.50	3758962.50	0.39813	406312.50	3758912.50	0.38039		
406312.50	3758862.50	0.37154	406312.50	3758812.50	0.36248		
406312.50	3758762.50	0.35136	406312.50	3758712.50	0.33773		
406312.50	3758662.50	0.32952	406312.50	3758612.50	0.31818		
406362.50	3759412.50	1.47108	406362.50	3759362.50	1.49583		
406362.50	3759312.50	1.34417	406362.50	3759262.50	1.17520		
406362.50	3759212.50	0.99509	406362.50	3759162.50	0.78584		
406362.50	3759112.50	0.62034	406362.50	3759062.50	0.51512		
406362.50	3759012.50	0.45655	406362.50	3758962.50	0.42733		
406362.50	3758912.50	0.41035	406362.50	3758862.50	0.39093		
406362.50	3758812.50	0.38263	406362.50	3758762.50	0.37445		
406362.50	3758712.50	0.36503	406362.50	3758662.50	0.35225		
406362.50	3758612.50	0.33444	406412.50	3759312.50	1.43961		
• *** IS CST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			***	07/29/11
			*** ANALYSIS ANNUAL NOx emissions			***	11:06:58
**MODELOPTs:						PAGE 75	
CONC	URBAN ELEV	FLGPOL	NOCALM				
			*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1			***	
			INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,				
			*** DISCRETE CARTESIAN RECEPTOR POINTS ***				
			** CONC OF OTHER IN MICROGRAMS/M**3			**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
406412.50	3759262.50	1.28595	406412.50	3759212.50	1.06586		
406412.50	3759162.50	0.81786	406412.50	3759112.50	0.64115		
406412.50	3759062.50	0.54012	406412.50	3759012.50	0.49207		
406412.50	3758962.50	0.46152	406412.50	3758912.50	0.43970		
406412.50	3758862.50	0.40736	406412.50	3758812.50	0.40383		
406412.50	3758762.50	0.40035	406412.50	3758712.50	0.39246		
406412.50	3758662.50	0.37630	406412.50	3758612.50	0.35044		
406462.50	3759312.50	1.58348	406462.50	3759262.50	1.39846		
406462.50	3759212.50	1.12364	406462.50	3759162.50	0.84300		
406462.50	3759112.50	0.66004	406462.50	3759062.50	0.55512		
406462.50	3759012.50	0.52549	406462.50	3758962.50	0.50427		
406462.50	3758912.50	0.48623	406462.50	3758862.50	0.44232		
406462.50	3758812.50	0.43428	406462.50	3758762.50	0.43347		
406462.50	3758712.50	0.41539	406462.50	3758662.50	0.38797		
406462.50	3758612.50	0.35787	406512.50	3759262.50	1.54880		
406512.50	3759212.50	1.20111	406512.50	3759162.50	0.86616		
406512.50	3759112.50	0.69202	406512.50	3759062.50	0.61189		
406512.50	3759012.50	0.57501	406512.50	3758962.50	0.54762		
406512.50	3758912.50	0.53126	406512.50	3758862.50	0.50301		
406512.50	3758812.50	0.50290	406512.50	3758762.50	0.47415		
406512.50	3758712.50	0.44104	406512.50	3758662.50	0.40453		
406512.50	3758612.50	0.36645	406537.50	3758562.50	0.33005		
406562.50	3759262.50	1.74567	406562.50	3759212.50	1.30877		
406562.50	3759162.50	0.94351	406562.50	3759112.50	0.75553		
406562.50	3759062.50	0.68142	406562.50	3759012.50	0.64694		

Appendix B

			NOx Annual Emissions Unmitigated		
406562.50	3758962.50	0.58253	406562.50	3758912.50	0.57896
406562.50	3758862.50	0.58197	406562.50	3758812.50	0.55203
406562.50	3758762.50	0.50640	406562.50	3758712.50	0.46081
406562.50	3758662.50	0.41407	406562.50	3758612.50	0.36817
406587.50	3758562.50	0.31626	406612.50	3759212.50	1.47536
406612.50	3759162.50	1.05587	406612.50	3759112.50	0.85083
406612.50	3759062.50	0.77426	406612.50	3759012.50	0.70625
406612.50	3758962.50	0.70899	406612.50	3758912.50	0.69652
406612.50	3758862.50	0.65443	406612.50	3758812.50	0.58953
406612.50	3758762.50	0.52379	406612.50	3758712.50	0.46632
406612.50	3758662.50	0.40947	406637.50	3758562.50	0.28954
406662.50	3759162.50	1.13789	406662.50	3759112.50	0.92963
406662.50	3759062.50	0.89774	406662.50	3759012.50	0.83882
406662.50	3758962.50	0.84263	406662.50	3758912.50	0.78712
406662.50	3758862.50	0.70137	406662.50	3758812.50	0.60901
• *** ISCST3 - VERSION 02035 ***		*** WHITTIER MATRIX OIL PROJECT			***
		*** ANALYSIS ANNUAL NOx emissions			07/29/11
**MODELOPTs:					11:06:58
CONC	URBAN ELEV	FLGPOL	NOCALM		PAGE 76
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***					
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,					
*** DISCRETE CARTESIAN RECEPTOR POINTS ***					
		** CONC OF OTHER	IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406662.50	3758762.50	0.52109	406662.50	3758712.50	0.44785
406687.50	3758562.50	0.27083	406712.50	3759162.50	1.21769
406712.50	3759112.50	1.07782	406712.50	3759062.50	1.20009
406712.50	3759012.50	1.09192	406712.50	3758962.50	1.00178
406712.50	3758912.50	0.83483	406712.50	3758862.50	0.69534
406712.50	3758612.50	0.31734	406737.50	3758562.50	0.25492
406762.50	3759062.50	1.65536	406762.50	3759012.50	1.30602
406762.50	3758962.50	1.04670	406762.50	3758912.50	0.81873
406762.50	3758662.50	0.34994	406762.50	3758612.50	0.29110
406787.50	3758562.50	0.25126	406812.50	3759012.50	1.46439
406812.50	3758962.50	1.03068	406812.50	3758712.50	0.39151
406812.50	3758662.50	0.33400	406812.50	3758612.50	0.29144
406837.50	3758562.50	0.23397	406862.50	3758762.50	0.43960
406862.50	3758712.50	0.38573	406862.50	3758662.50	0.33581
406862.50	3758612.50	0.28569	406887.50	3758562.50	0.28201
406912.50	3758762.50	0.45218	406912.50	3758712.50	0.38921
406912.50	3758662.50	0.34230	406912.50	3758612.50	0.28803
406937.50	3758562.50	0.32075	406962.50	3758762.50	0.49236
406962.50	3758712.50	0.42554	406962.50	3758662.50	0.37231
406962.50	3758612.50	0.34907	406987.50	3758562.50	0.39553
407012.50	3758712.50	0.50655	407012.50	3758662.50	0.41053
407012.50	3758612.50	0.41842	407037.50	3758562.50	0.47099
407062.50	3758662.50	0.46449	407062.50	3758612.50	0.51310
407087.50	3758562.50	0.53606	407112.50	3758662.50	0.58095
407112.50	3758612.50	0.58876	407137.50	3758562.50	0.58394
407162.50	3758662.50	0.69061	407162.50	3758612.50	0.62304
407187.50	3758562.50	0.64259	407212.50	3758662.50	0.70356
407212.50	3758612.50	0.67428	407237.50	3758562.50	0.63863
407262.50	3758662.50	0.64949	407262.50	3758612.50	0.61225
407287.50	3758562.50	0.54856	407312.50	3758662.50	0.55823
407312.50	3758612.50	0.52631	407337.50	3758562.50	0.47185
407362.50	3758662.50	0.48312	407362.50	3758612.50	0.45220
407387.50	3758562.50	0.40529	407412.50	3758662.50	0.43522
407412.50	3758612.50	0.50491	407437.50	3758562.50	0.44373
407462.50	3758662.50	0.52968	407462.50	3758612.50	0.47355
407487.50	3758562.50	0.42414	407512.50	3758662.50	0.40167
407512.50	3758612.50	0.34246	407537.50	3758562.50	0.03482
407562.50	3758662.50	0.04044	407562.50	3758612.50	0.03804
407587.50	3758562.50	0.03672	407612.50	3758662.50	0.04243
407612.50	3758612.50	0.04003	407637.50	3758562.50	0.03853
• *** ISCST3 - VERSION 02035 ***		*** WHITTIER MATRIX OIL PROJECT			***
		*** ANALYSIS ANNUAL NOx emissions			07/29/11
**MODELOPTs:					11:06:58
CONC	URBAN ELEV	FLGPOL	NOCALM		PAGE 77
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***					
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,					

Appendix B

NOx Annual Emissions Unmitigated

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407662.50	3758612.50	0.04162	407687.50	3758562.50	0.04004
407712.50	3758612.50	0.04267	407737.50	3758562.50	0.04112
407762.50	3758612.50	0.04314	407787.50	3758562.50	0.04171
407812.50	3758612.50	0.04309	407837.50	3758562.50	0.04181
407862.50	3758612.50	0.04264	407887.50	3758562.50	0.04152
407912.50	3758612.50	0.04191	407937.50	3758562.50	0.04093
407962.50	3758612.50	0.04105	407987.50	3758562.50	0.04016
408012.50	3758612.50	0.04018	408037.50	3758562.50	0.03934
408062.50	3758612.50	0.03939	408087.50	3758562.50	0.03856
408112.50	3758612.50	0.03873	405962.50	3758537.50	0.20096
405987.50	3758562.50	0.20963	406037.50	3758562.50	0.22236
406087.50	3758562.50	0.23506	406137.50	3758562.50	0.25152
406187.50	3758562.50	0.26462	406237.50	3758562.50	0.28308
406287.50	3758562.50	0.29906	406337.50	3758562.50	0.31162
406387.50	3758562.50	0.31906	406437.50	3758562.50	0.32901
406487.50	3758562.50	0.33284	406537.50	3758537.50	0.30964
406587.50	3758537.50	0.29573	406637.50	3758537.50	0.26817
406687.50	3758537.50	0.25038	406737.50	3758537.50	0.23445
406787.50	3758537.50	0.22942	406837.50	3758537.50	0.23926
406887.50	3758537.50	0.26917	406937.50	3758537.50	0.31277
406987.50	3758537.50	0.39490	407037.50	3758537.50	0.46002
407087.50	3758537.50	0.52739	407137.50	3758537.50	0.58195
407187.50	3758537.50	0.65299	407237.50	3758537.50	0.62799
407287.50	3758537.50	0.55779	407337.50	3758537.50	0.47180
407387.50	3758537.50	0.39488	407437.50	3758537.50	0.44104
407487.50	3758537.50	0.39925	407537.50	3758537.50	0.03383
407587.50	3758537.50	0.03560	407637.50	3758537.50	0.03737
407687.50	3758537.50	0.03894	407737.50	3758537.50	0.04014
407787.50	3758537.50	0.04091	407837.50	3758537.50	0.04120
407887.50	3758537.50	0.04108	407937.50	3758537.50	0.04063
407987.50	3758537.50	0.03996	408037.50	3758537.50	0.03918
408087.50	3758537.50	0.03840	405962.50	3759987.50	0.37888
405962.50	3759937.50	0.40122	405962.50	3759887.50	0.41307
405962.50	3759837.50	0.43079	405962.50	3759787.50	0.46680
405962.50	3759737.50	0.51973	405962.50	3759687.50	0.59031
405962.50	3759637.50	0.69484	405962.50	3759587.50	0.78188
405962.50	3759537.50	0.85930	405962.50	3759487.50	0.90824
405962.50	3759437.50	0.95284	405962.50	3759387.50	0.81054
405962.50	3759337.50	0.74504	405962.50	3759287.50	0.65929
405962.50	3759237.50	0.57531	405962.50	3759187.50	0.50426

• *** ISCS T3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL NOx emissions

*** 07/29/11
 *** 11:06:58
 *** PAGE 78

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
405962.50	3759137.50	0.45528	405962.50	3759087.50	0.39473
405962.50	3759037.50	0.33243	405962.50	3758987.50	0.29074
405962.50	3758937.50	0.25845	405962.50	3758887.50	0.23926
405962.50	3758837.50	0.22590	405962.50	3758787.50	0.21775
405962.50	3758737.50	0.21257	405962.50	3758687.50	0.20895
405962.50	3758637.50	0.20542	406012.50	3759987.50	0.40789
406012.50	3759937.50	0.42819	406012.50	3759887.50	0.44866
406012.50	3759837.50	0.45571	406012.50	3759787.50	0.48389
406012.50	3759737.50	0.54023	406012.50	3759687.50	0.60911
406012.50	3759637.50	0.73087	406012.50	3759587.50	0.81357
406012.50	3759537.50	0.90461	406012.50	3759487.50	0.96841
406012.50	3759437.50	0.85188	406012.50	3759387.50	0.84997
406012.50	3759337.50	0.78614	406012.50	3759287.50	0.71096
406012.50	3759237.50	0.61520	406012.50	3759187.50	0.53398
406012.50	3759137.50	0.47823	406012.50	3759087.50	0.40888

Appendix B

		NOx Annual Emissions Unmitigated	
406012.50	3759037.50	0.34368	406012.50 3758987.50 0.30452
406012.50	3758937.50	0.27254	406012.50 3758887.50 0.25075
406012.50	3758837.50	0.23476	406012.50 3758787.50 0.23145
406012.50	3758737.50	0.22649	406012.50 3758687.50 0.22263
406012.50	3758637.50	0.21958	406062.50 3759987.50 0.44375
406062.50	3759837.50	0.48678	406062.50 3759787.50 0.50550
406062.50	3759737.50	0.63769	406062.50 3759687.50 0.63702
406062.50	3759637.50	0.74881	406062.50 3759587.50 0.84517
406062.50	3759537.50	0.74710	406062.50 3759487.50 0.79780
406062.50	3759437.50	0.82368	406062.50 3759387.50 0.80370
406062.50	3759337.50	0.76596	406062.50 3759287.50 0.72115
406062.50	3759237.50	0.63081	406062.50 3759187.50 0.57870
406062.50	3759137.50	0.50566	406062.50 3759087.50 0.43001
406062.50	3759037.50	0.36403	406062.50 3758987.50 0.32007
406062.50	3758937.50	0.28320	406062.50 3758887.50 0.26558
406062.50	3758837.50	0.25343	406062.50 3758787.50 0.24681
406062.50	3758737.50	0.24330	406062.50 3758687.50 0.23772
406062.50	3758637.50	0.23655	406112.50 3759987.50 0.47312
406112.50	3759837.50	0.45655	406112.50 3759787.50 0.47051
406112.50	3759737.50	0.49244	406112.50 3759687.50 0.53384
406112.50	3759637.50	0.58511	406112.50 3759587.50 0.66596
406112.50	3759537.50	0.75187	406112.50 3759487.50 0.80004
406112.50	3759437.50	0.79366	406112.50 3759387.50 0.79131
406112.50	3759337.50	0.80518	406112.50 3759287.50 0.77593
406112.50	3759237.50	0.69619	406112.50 3759187.50 0.62466

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL NOx emissions

*** 07/29/11
 *** 11:06:58

**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

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*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406112.50	3759137.50	0.53764	406112.50	3759087.50	0.45285
406112.50	3759037.50	0.38405	406112.50	3758987.50	0.33827
406112.50	3758937.50	0.30375	406112.50	3758887.50	0.28630
406112.50	3758837.50	0.27654	406112.50	3758787.50	0.26885
406112.50	3758737.50	0.26070	406112.50	3758687.50	0.25838
406112.50	3758637.50	0.25191	406162.50	3759987.50	0.59885
406162.50	3759837.50	0.61881	406162.50	3759787.50	0.63082
406162.50	3759437.50	0.92180	406162.50	3759387.50	0.97285
406162.50	3759337.50	0.96605	406162.50	3759287.50	0.87962
406162.50	3759237.50	0.76851	406162.50	3759187.50	0.67266
406162.50	3759137.50	0.57192	406162.50	3759087.50	0.47751
406162.50	3759037.50	0.40484	406162.50	3758987.50	0.35976
406162.50	3758937.50	0.32660	406162.50	3758887.50	0.30954
406162.50	3758837.50	0.30057	406162.50	3758787.50	0.28911
406162.50	3758737.50	0.27835	406162.50	3758687.50	0.27639
406162.50	3758637.50	0.26797	406212.50	3759437.50	1.31725
406212.50	3759387.50	1.14401	406212.50	3759337.50	1.07789
406212.50	3759287.50	0.97593	406212.50	3759237.50	0.83876
406212.50	3759187.50	0.72311	406212.50	3759137.50	0.60927
406212.50	3759087.50	0.50419	406212.50	3759037.50	0.42637
406212.50	3758987.50	0.37862	406212.50	3758937.50	0.35235
406212.50	3758887.50	0.33245	406212.50	3758837.50	0.32005
406212.50	3758787.50	0.31179	406212.50	3758737.50	0.29905
406212.50	3758687.50	0.29547	406212.50	3758637.50	0.28934
406262.50	3759437.50	1.43129	406262.50	3759387.50	1.26719
406262.50	3759337.50	1.15347	406262.50	3759287.50	1.06447
406262.50	3759237.50	0.93340	406262.50	3759187.50	0.78197
406262.50	3759137.50	0.63866	406262.50	3759087.50	0.52504
406262.50	3759037.50	0.44638	406262.50	3758987.50	0.39433
406262.50	3758937.50	0.37144	406262.50	3758887.50	0.35289
406262.50	3758837.50	0.34283	406262.50	3758787.50	0.33689
406262.50	3758737.50	0.32126	406262.50	3758687.50	0.31521
406262.50	3758637.50	0.30596	406312.50	3759437.50	1.56818
406312.50	3759387.50	1.66719	406312.50	3759337.50	1.32001
406312.50	3759287.50	1.18337	406312.50	3759237.50	1.02388
406312.50	3759187.50	0.83329	406312.50	3759137.50	0.66902
406312.50	3759087.50	0.53768	406312.50	3759037.50	0.46158

Appendix B

406312.50	3758987.50	0.41344	406312.50	3758937.50	0.38629
406312.50	3758887.50	0.37586	406312.50	3758837.50	0.36697
406312.50	3758787.50	0.35717	406312.50	3758737.50	0.34455
• *** ISCST3 - VERSION 02035 ***		*** WHITTIER MATRIX OIL PROJECT		***	
		*** ANALYSIS ANNUAL NOx emissions		07/29/11	
**MODELOPTs:				11:06:58	
CONC		NOCALM		PAGE 80	
URBAN ELEV FLGPOL					
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION		VALUES FOR SOURCE GROUP: 1		***	
INCLUDING SOURCE(S):		1 , 2 , 3 , 4 ,			
*** DISCRETE CARTESIAN RECEPTOR POINTS ***					
** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406312.50	3758687.50	0.33492	406312.50	3758637.50	0.32319
406362.50	3759437.50	1.44156	406362.50	3759387.50	1.49941
406362.50	3759337.50	1.43786	406362.50	3759287.50	1.26732
406362.50	3759237.50	1.09624	406362.50	3759187.50	0.88786
406362.50	3759137.50	0.70130	406362.50	3759087.50	0.56264
406362.50	3759037.50	0.48065	406362.50	3758987.50	0.43690
406362.50	3758937.50	0.42012	406362.50	3758887.50	0.39890
406362.50	3758837.50	0.38283	406362.50	3758787.50	0.37769
406362.50	3758737.50	0.37016	406362.50	3758687.50	0.36059
406362.50	3758637.50	0.34170	406412.50	3759337.50	1.48099
406412.50	3759287.50	1.35924	406412.50	3759237.50	1.19650
406412.50	3759187.50	0.94651	406412.50	3759137.50	0.72110
406412.50	3759087.50	0.58028	406412.50	3759037.50	0.50412
406412.50	3758987.50	0.47512	406412.50	3758937.50	0.45331
406412.50	3758887.50	0.41951	406412.50	3758837.50	0.40645
406412.50	3758787.50	0.39992	406412.50	3758737.50	0.39863
406412.50	3758687.50	0.38492	406412.50	3758637.50	0.36186
406462.50	3759287.50	1.51287	406462.50	3759237.50	1.28387
406462.50	3759187.50	0.98737	406462.50	3759137.50	0.73980
406462.50	3759087.50	0.58839	406462.50	3759037.50	0.53347
406462.50	3758987.50	0.50982	406462.50	3758937.50	0.49611
406462.50	3758887.50	0.46166	406462.50	3758837.50	0.43212
406462.50	3758787.50	0.43611	406462.50	3758737.50	0.42159
406462.50	3758687.50	0.40708	406462.50	3758637.50	0.37113
406512.50	3759287.50	1.69686	406512.50	3759237.50	1.37809
406512.50	3759187.50	1.00842	406512.50	3759137.50	0.76581
406512.50	3759087.50	0.64595	406512.50	3759037.50	0.58892
406512.50	3758987.50	0.56408	406512.50	3758937.50	0.54414
406512.50	3758887.50	0.51313	406512.50	3758837.50	0.51040
406512.50	3758787.50	0.48222	406512.50	3758737.50	0.45772
406512.50	3758687.50	0.42079	406512.50	3758637.50	0.38496
406562.50	3759237.50	1.51922	406562.50	3759187.50	1.11492
406562.50	3759137.50	0.82722	406562.50	3759087.50	0.70988
406562.50	3759037.50	0.66678	406562.50	3758987.50	0.62885
406562.50	3758937.50	0.57866	406562.50	3758887.50	0.57532
406562.50	3758837.50	0.57020	406562.50	3758787.50	0.52673
406562.50	3758737.50	0.48836	406562.50	3758687.50	0.43666
406562.50	3758637.50	0.39208	406562.50	3758587.50	0.34496
406612.50	3759187.50	1.22624	406612.50	3759137.50	0.92302
406612.50	3759087.50	0.80400	406612.50	3759037.50	0.72879
• *** ISCST3 - VERSION 02035 ***		*** WHITTIER MATRIX OIL PROJECT		***	
		*** ANALYSIS ANNUAL NOx emissions		07/29/11	
**MODELOPTs:				11:06:58	
CONC		NOCALM		PAGE 81	
URBAN ELEV FLGPOL					
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION		VALUES FOR SOURCE GROUP: 1		***	
INCLUDING SOURCE(S):		1 , 2 , 3 , 4 ,			
*** DISCRETE CARTESIAN RECEPTOR POINTS ***					
** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406612.50	3758987.50	0.70312	406612.50	3758937.50	0.70795
406612.50	3758887.50	0.68417	406612.50	3758837.50	0.62396
406612.50	3758787.50	0.55196	406612.50	3758737.50	0.49662
406612.50	3758687.50	0.44366	406612.50	3758637.50	0.37730
406612.50	3758587.50	0.32566	406662.50	3759187.50	1.33988

Appendix B

			NOx Annual Emissions Unmitigated		
406662.50	3759137.50	1.00677	406662.50	3759087.50	0.91025
406662.50	3759037.50	0.85838	406662.50	3758987.50	0.84590
406662.50	3758937.50	0.82934	406662.50	3758887.50	0.73690
406662.50	3758837.50	0.66100	406662.50	3758787.50	0.56048
406662.50	3758737.50	0.48380	406712.50	3759137.50	1.10766
406712.50	3759087.50	1.13091	406712.50	3759037.50	1.11677
406712.50	3758987.50	1.04246	406712.50	3758937.50	0.93562
406712.50	3758887.50	0.75773	406712.50	3758587.50	0.28942
406762.50	3759037.50	1.46476	406762.50	3758987.50	1.18663
406762.50	3758937.50	0.92056	406762.50	3758687.50	0.36841
406762.50	3758637.50	0.31558	406762.50	3758587.50	0.27030
406812.50	3758987.50	1.23469	406812.50	3758687.50	0.36348
406812.50	3758637.50	0.30431	406812.50	3758587.50	0.27409
406862.50	3758737.50	0.41223	406862.50	3758687.50	0.36296
406862.50	3758637.50	0.31186	406862.50	3758587.50	0.24175
406912.50	3758787.50	0.48758	406912.50	3758737.50	0.41153
406912.50	3758687.50	0.36294	406912.50	3758637.50	0.32169
406912.50	3758587.50	0.30093	406962.50	3758737.50	0.45127
406962.50	3758687.50	0.40257	406962.50	3758637.50	0.34541
406962.50	3758587.50	0.35192	407012.50	3758687.50	0.45702
407012.50	3758637.50	0.40268	407012.50	3758587.50	0.42752
407062.50	3758687.50	0.49872	407062.50	3758637.50	0.49752
407062.50	3758587.50	0.51107	407112.50	3758637.50	0.59564
407112.50	3758587.50	0.57778	407162.50	3758637.50	0.64638
407162.50	3758587.50	0.60075	407212.50	3758637.50	0.66851
407212.50	3758587.50	0.66839	407262.50	3758637.50	0.63074
407262.50	3758587.50	0.60303	407312.50	3758637.50	0.54559
407312.50	3758587.50	0.51466	407362.50	3758637.50	0.46349
407362.50	3758587.50	0.44184	407412.50	3758637.50	0.50702
407412.50	3758587.50	0.50099	407462.50	3758637.50	0.49954
407462.50	3758587.50	0.43827	407512.50	3758637.50	0.37000
407512.50	3758587.50	0.32573	407562.50	3758637.50	0.03923
407562.50	3758587.50	0.03688	407612.50	3758637.50	0.04123
407612.50	3758587.50	0.03883	407662.50	3758637.50	0.04273
407662.50	3758587.50	0.04048	407712.50	3758637.50	0.04362

• *** ISCSST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL NOx emissions

*** 07/29/11
*** 11:06:58
*** PAGE 82

**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407712.50	3758587.50	0.04167	407762.50	3758637.50	0.04390
407762.50	3758587.50	0.04233	407812.50	3758637.50	0.04367
407812.50	3758587.50	0.04248	407862.50	3758637.50	0.04306
407862.50	3758587.50	0.04219	407912.50	3758637.50	0.04223
407912.50	3758587.50	0.04159	407962.50	3758637.50	0.04132
407962.50	3758587.50	0.04080	408012.50	3758637.50	0.04045
408012.50	3758587.50	0.03995	408062.50	3758637.50	0.03969
408062.50	3758587.50	0.03914	408112.50	3758637.50	0.03909
408112.50	3758587.50	0.03844	405987.50	3758537.50	0.20725
406012.50	3758537.50	0.21472	406037.50	3758537.50	0.22154
406062.50	3758537.50	0.22657	406087.50	3758537.50	0.23444
406112.50	3758537.50	0.23953	406137.50	3758537.50	0.24632
406162.50	3758537.50	0.25406	406187.50	3758537.50	0.26093
406212.50	3758537.50	0.26939	406237.50	3758537.50	0.27600
406262.50	3758537.50	0.28423	406287.50	3758537.50	0.29102
406312.50	3758537.50	0.29766	406337.50	3758537.50	0.30272
406362.50	3758537.50	0.30462	406387.50	3758537.50	0.30886
406412.50	3758537.50	0.30977	406437.50	3758537.50	0.31430
406462.50	3758537.50	0.31790	406487.50	3758537.50	0.31478
406512.50	3758537.50	0.31599	406562.50	3758537.50	0.30143
406612.50	3758537.50	0.28546	406662.50	3758537.50	0.25630
406712.50	3758537.50	0.24111	406762.50	3758537.50	0.22598
406812.50	3758537.50	0.23069	406862.50	3758537.50	0.24691
406912.50	3758537.50	0.28915	406962.50	3758537.50	0.35206
407012.50	3758537.50	0.43313	407062.50	3758537.50	0.49237
407112.50	3758537.50	0.56024	407162.50	3758537.50	0.59032
407212.50	3758537.50	0.65994	407262.50	3758537.50	0.59449

Appendix B

			NOx Annual Emissions Unmitigated				
407312.50	3758537.50	0.52314	407362.50	3758537.50	0.42742		
407412.50	3758537.50	0.37202	407462.50	3758537.50	0.39713		
407512.50	3758537.50	0.30242	407562.50	3758537.50	0.03470		
407612.50	3758537.50	0.03650	407662.50	3758537.50	0.03819		
407712.50	3758537.50	0.03959	407762.50	3758537.50	0.04058		
407812.50	3758537.50	0.04111	407862.50	3758537.50	0.04119		
407912.50	3758537.50	0.04089	407962.50	3758537.50	0.04031		
408012.50	3758537.50	0.03958	408062.50	3758537.50	0.03879		
408112.50	3758537.50	0.03803	405962.50	3758587.50	0.20473		
406012.50	3758587.50	0.21725	406062.50	3758587.50	0.23040		
406112.50	3758587.50	0.24401	406162.50	3758587.50	0.26210		
406212.50	3758587.50	0.28057	406262.50	3758587.50	0.29530		
406312.50	3758587.50	0.31237	406362.50	3758587.50	0.32229		
* *** ISCST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			***	07/29/11
			*** ANALYSIS ANNUAL NOx emissions			***	11:06:58
**MODELOPTs:						PAGE 83	
CONC	URBAN ELEV	FLGPOL	NOCALM				
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION			VALUES FOR SOURCE GROUP: 1			***	
INCLUDING SOURCE(S):			1 , 2 , 3 , 4 ,				
*** DISCRETE CARTESIAN RECEPTOR POINTS ***							
		** CONC OF OTHER	IN MICROGRAMS/M**3				
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
406412.50	3758587.50	0.33459	406462.50	3758587.50	0.34652		
406512.50	3758587.50	0.34885	405987.50	3760012.50	0.38066		
405987.50	3759962.50	0.40182	405987.50	3759912.50	0.42058		
405987.50	3759862.50	0.43348	405987.50	3759812.50	0.45403		
405987.50	3759762.50	0.49693	405987.50	3759712.50	0.55679		
405987.50	3759662.50	0.68205	405987.50	3759612.50	0.74394		
405987.50	3759562.50	0.83872	405987.50	3759512.50	0.92473		
405987.50	3759462.50	0.95612	405987.50	3759412.50	0.98695		
405987.50	3759362.50	0.80656	405987.50	3759312.50	0.73778		
405987.50	3759262.50	0.65424	405987.50	3759212.50	0.54053		
405987.50	3759162.50	0.49294	405987.50	3759112.50	0.43307		
405987.50	3759062.50	0.36758	405987.50	3759012.50	0.31458		
405987.50	3758962.50	0.28072	405987.50	3758912.50	0.25372		
405987.50	3758862.50	0.23712	405987.50	3758812.50	0.22598		
405987.50	3758762.50	0.22122	405987.50	3758712.50	0.21707		
405987.50	3758662.50	0.21367	406037.50	3760012.50	0.41392		
406037.50	3759812.50	0.47794	406037.50	3759762.50	0.52142		
406037.50	3759712.50	0.58132	406037.50	3759662.50	0.72330		
406037.50	3759612.50	0.78148	406037.50	3759562.50	0.87376		
406037.50	3759512.50	0.96280	406037.50	3759462.50	0.80954		
406037.50	3759412.50	0.83559	406037.50	3759362.50	0.79797		
406037.50	3759312.50	0.76946	406037.50	3759262.50	0.65582		
406037.50	3759212.50	0.59111	406037.50	3759162.50	0.52492		
406037.50	3759112.50	0.45482	406037.50	3759062.50	0.38534		
406037.50	3759012.50	0.33331	406037.50	3758962.50	0.29552		
406037.50	3758912.50	0.26801	406037.50	3758862.50	0.24871		
406037.50	3758812.50	0.24343	406037.50	3758762.50	0.23790		
406037.50	3758712.50	0.23204	406037.50	3758662.50	0.22937		
406087.50	3760012.50	0.45254	406087.50	3759812.50	0.55275		
406087.50	3759762.50	0.47960	406087.50	3759712.50	0.52383		
406087.50	3759662.50	0.56224	406087.50	3759612.50	0.64415		
406087.50	3759562.50	0.70322	406087.50	3759512.50	0.78062		
406087.50	3759462.50	0.82948	406087.50	3759412.50	0.78821		
406087.50	3759362.50	0.78119	406087.50	3759312.50	0.76366		
406087.50	3759262.50	0.68599	406087.50	3759212.50	0.62879		
406087.50	3759162.50	0.56162	406087.50	3759112.50	0.47992		
406087.50	3759062.50	0.40506	406087.50	3759012.50	0.35017		
406087.50	3758962.50	0.30831	406087.50	3758912.50	0.28372		
406087.50	3758862.50	0.27007	406087.50	3758812.50	0.26040		
406087.50	3758762.50	0.25500	406087.50	3758712.50	0.25038		
* *** ISCST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			***	07/29/11
			*** ANALYSIS ANNUAL NOx emissions			***	11:06:58
**MODELOPTs:						PAGE 84	
CONC	URBAN ELEV	FLGPOL	NOCALM				
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION			VALUES FOR SOURCE GROUP: 1			***	
INCLUDING SOURCE(S):			1 , 2 , 3 , 4 ,				
*** DISCRETE CARTESIAN RECEPTOR POINTS ***							

Appendix B

NOx Annual Emissions Unmitigated

		** CONC OF OTHER IN MICROGRAMS/M**3					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
406087.50	3758662.50	0.24510	406137.50	3760012.50	0.50273		
406137.50	3759812.50	0.47559	406137.50	3759762.50	0.49730		
406137.50	3759712.50	0.53312	406137.50	3759662.50	0.57763		
406137.50	3759612.50	0.63547	406137.50	3759562.50	0.71105		
406137.50	3759512.50	0.74477	406137.50	3759462.50	0.79046		
406137.50	3759412.50	0.85919	406137.50	3759362.50	0.88437		
406137.50	3759312.50	0.87303	406137.50	3759262.50	0.77957		
406137.50	3759212.50	0.69026	406137.50	3759162.50	0.60439		
406137.50	3759112.50	0.50850	406137.50	3759062.50	0.42511		
406137.50	3759012.50	0.37079	406137.50	3758962.50	0.33074		
406137.50	3758912.50	0.30569	406137.50	3758862.50	0.29143		
406137.50	3758812.50	0.28147	406137.50	3758762.50	0.27547		
406137.50	3758712.50	0.26824	406137.50	3758662.50	0.26319		
406187.50	3759412.50	1.07854	406187.50	3759362.50	1.04350		
406187.50	3759312.50	1.00172	406187.50	3759262.50	0.86591		
406187.50	3759212.50	0.75432	406187.50	3759162.50	0.64367		
406187.50	3759112.50	0.53743	406187.50	3759062.50	0.44798		
406187.50	3759012.50	0.38927	406187.50	3758962.50	0.35521		
406187.50	3758912.50	0.32662	406187.50	3758862.50	0.31578		
406187.50	3758812.50	0.30598	406187.50	3758762.50	0.29448		
406187.50	3758712.50	0.28694	406187.50	3758662.50	0.28320		
406237.50	3759412.50	1.20197	406237.50	3759362.50	1.16350		
406237.50	3759312.50	1.07228	406237.50	3759262.50	0.96476		
406237.50	3759212.50	0.81418	406237.50	3759162.50	0.68481		
406237.50	3759112.50	0.56986	406237.50	3759062.50	0.46987		
406237.50	3759012.50	0.40578	406237.50	3758962.50	0.37200		
406237.50	3758912.50	0.35087	406237.50	3758862.50	0.33808		
406237.50	3758812.50	0.32760	406237.50	3758762.50	0.31422		
406237.50	3758712.50	0.30798	406237.50	3758662.50	0.30137		
406287.50	3759412.50	1.54237	406287.50	3759362.50	1.29939		
406287.50	3759312.50	1.17225	406287.50	3759262.50	1.05255		
406287.50	3759212.50	0.88999	406287.50	3759162.50	0.72950		
406287.50	3759112.50	0.58502	406287.50	3759062.50	0.48749		
406287.50	3759012.50	0.42412	406287.50	3758962.50	0.39126		
406287.50	3758912.50	0.37226	406287.50	3758862.50	0.35896		
406287.50	3758812.50	0.34806	406287.50	3758762.50	0.33833		
406287.50	3758712.50	0.32941	406287.50	3758662.50	0.31995		
406337.50	3759412.50	1.68970	406337.50	3759362.50	1.46367		
406337.50	3759312.50	1.31178	406337.50	3759262.50	1.15167		
406337.50	3759212.50	0.95815	406337.50	3759162.50	0.77550		

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL NOx emissions

*** 07/29/11
*** 11:06:58
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**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER IN MICROGRAMS/M**3					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
406337.50	3759112.50	0.60476	406337.50	3759062.50	0.50196		
406337.50	3759012.50	0.44395	406337.50	3758962.50	0.40987		
406337.50	3758912.50	0.39285	406337.50	3758862.50	0.38043		
406337.50	3758812.50	0.37359	406337.50	3758762.50	0.36070		
406337.50	3758712.50	0.35095	406337.50	3758662.50	0.34211		
406387.50	3759362.50	1.47650	406387.50	3759312.50	1.39011		
406387.50	3759262.50	1.22231	406387.50	3759212.50	1.03270		
406387.50	3759162.50	0.80456	406387.50	3759112.50	0.63262		
406387.50	3759062.50	0.53080	406387.50	3759012.50	0.47272		
406387.50	3758962.50	0.44503	406387.50	3758912.50	0.42465		
406387.50	3758862.50	0.39619	406387.50	3758812.50	0.38756		
406387.50	3758762.50	0.38629	406387.50	3758712.50	0.37878		
406387.50	3758662.50	0.36426	406437.50	3759312.50	1.49555		
406437.50	3759262.50	1.34136	406437.50	3759212.50	1.10377		
406437.50	3759162.50	0.83068	406437.50	3759112.50	0.65022		
406437.50	3759062.50	0.54755	406437.50	3759012.50	0.50797		
406437.50	3758962.50	0.48441	406437.50	3758912.50	0.46383		

Appendix B

			NOx Annual Emissions Unmitigated		
406437.50	3758862.50	0.42025	406437.50	3758812.50	0.41771
406437.50	3758762.50	0.41109	406437.50	3758712.50	0.40089
406437.50	3758662.50	0.37877	406487.50	3759312.50	1.67630
406487.50	3759262.50	1.46861	406487.50	3759212.50	1.15392
406487.50	3759162.50	0.84750	406487.50	3759112.50	0.67089
406487.50	3759062.50	0.58274	406487.50	3759012.50	0.55005
406487.50	3758962.50	0.52826	406487.50	3758912.50	0.51284
406487.50	3758862.50	0.47313	406487.50	3758812.50	0.46053
406487.50	3758762.50	0.45262	406487.50	3758712.50	0.43017
406487.50	3758662.50	0.39658	406537.50	3759262.50	1.63325
406537.50	3759212.50	1.24209	406537.50	3759162.50	0.89997
406537.50	3759112.50	0.72294	406537.50	3759062.50	0.63900
406537.50	3759012.50	0.61060	406537.50	3758962.50	0.56444
406537.50	3758912.50	0.54265	406537.50	3758862.50	0.54309
406537.50	3758812.50	0.53070	406537.50	3758762.50	0.49268
406537.50	3758712.50	0.45139	406537.50	3758662.50	0.41059
406587.50	3759212.50	1.38306	406587.50	3759162.50	0.99769
406587.50	3759112.50	0.79406	406587.50	3759062.50	0.71962
406587.50	3759012.50	0.67586	406587.50	3758962.50	0.64094
406587.50	3758912.50	0.63678	406587.50	3758862.50	0.62450
406587.50	3758812.50	0.57022	406587.50	3758762.50	0.51762
406587.50	3758712.50	0.46776	406587.50	3758662.50	0.41566
406587.50	3758612.50	0.36078	406637.50	3759212.50	1.54877

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL NOx emissions

*** 07/29/11
 *** 11:06:58
 *** PAGE 86

**MODELOPTs:
 CONC

URBAN ELEV FLG POL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406637.50	3759162.50	1.10703	406637.50	3759112.50	0.90729
406637.50	3759062.50	0.83598	406637.50	3759012.50	0.74715
406637.50	3758962.50	0.77181	406637.50	3758912.50	0.74440
406637.50	3758862.50	0.68355	406637.50	3758812.50	0.60303
406637.50	3758762.50	0.52713	406637.50	3758712.50	0.46730
406637.50	3758662.50	0.39168	406687.50	3759162.50	1.17882
406687.50	3759112.50	0.94701	406687.50	3759062.50	0.99684
406687.50	3759012.50	0.96134	406687.50	3758962.50	0.91745
406687.50	3758912.50	0.82764	406687.50	3758862.50	0.70974
406687.50	3758762.50	0.51087	406737.50	3759112.50	1.29013
406737.50	3759062.50	1.42262	406737.50	3759012.50	1.21129
406737.50	3758962.50	1.03525	406737.50	3758912.50	0.83644
406737.50	3758862.50	0.35883	406737.50	3758812.50	0.30599
406787.50	3759012.50	1.39131	406787.50	3758962.50	1.04903
406787.50	3758712.50	0.39504	406787.50	3758662.50	0.34042
406787.50	3758612.50	0.28692	406837.50	3758712.50	0.38878
406837.50	3758662.50	0.33720	406837.50	3758612.50	0.28991
406887.50	3758762.50	0.44451	406887.50	3758712.50	0.38487
406887.50	3758662.50	0.33879	406887.50	3758612.50	0.27707
406937.50	3758762.50	0.46740	406937.50	3758712.50	0.40171
406937.50	3758662.50	0.35133	406937.50	3758612.50	0.32299
406987.50	3758712.50	0.46275	406987.50	3758662.50	0.39011
406987.50	3758612.50	0.37851	407037.50	3758712.50	0.53906
407037.50	3758662.50	0.43663	407037.50	3758612.50	0.46695
407087.50	3758662.50	0.50610	407087.50	3758612.50	0.55827
407137.50	3758662.50	0.62009	407137.50	3758612.50	0.61247
407187.50	3758662.50	0.69545	407187.50	3758612.50	0.65098
407237.50	3758662.50	0.68193	407237.50	3758612.50	0.63453
407287.50	3758662.50	0.60544	407287.50	3758612.50	0.57549
407337.50	3758662.50	0.51549	407337.50	3758612.50	0.48645
407387.50	3758662.50	0.45570	407387.50	3758612.50	0.42830
407437.50	3758662.50	0.53400	407437.50	3758612.50	0.45851
407487.50	3758662.50	0.53233	407487.50	3758612.50	0.35511
407537.50	3758662.50	0.03928	407537.50	3758612.50	0.03697
407587.50	3758662.50	0.04150	407587.50	3758612.50	0.03907
407637.50	3758612.50	0.04088	407687.50	3758612.50	0.04221
407737.50	3758612.50	0.04297	407787.50	3758612.50	0.04318
407837.50	3758612.50	0.04291	407887.50	3758612.50	0.04230
407937.50	3758612.50	0.04149	407987.50	3758612.50	0.04061

Appendix B

408037.50 3758612.50 0.03977 NOx Annual Emissions Unmitigated
 408087.50 3758612.50 0.03904
 *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions *** 11:06:58
 **MODELOPTs: **
 CONC URBAN ELEV FLGPOL NOCALM PAGE 87

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
405987.50	3758612.50	0.21151	406037.50	3758612.50	0.22616
406087.50	3758612.50	0.24069	406137.50	3758612.50	0.25505
406187.50	3758612.50	0.27465	406237.50	3758612.50	0.29301
406287.50	3758612.50	0.31158	406337.50	3758612.50	0.32571
406387.50	3758612.50	0.34198	406437.50	3758612.50	0.35642
406487.50	3758612.50	0.36401	406512.50	3758562.50	0.33012
406537.50	3758612.50	0.36865	406562.50	3758562.50	0.32269
406612.50	3758562.50	0.30713	406662.50	3758562.50	0.27656
406712.50	3758562.50	0.26370	406762.50	3758562.50	0.24896
406812.50	3758562.50	0.24000	406862.50	3758562.50	0.24342
406912.50	3758562.50	0.30117	406962.50	3758562.50	0.35492
407012.50	3758562.50	0.43115	407062.50	3758562.50	0.50299
407112.50	3758562.50	0.57111	407162.50	3758562.50	0.58087
407212.50	3758562.50	0.66922	407262.50	3758562.50	0.59701
407312.50	3758562.50	0.50805	407362.50	3758562.50	0.43222
407412.50	3758562.50	0.48710	407462.50	3758562.50	0.41740
407512.50	3758562.50	0.31307	407562.50	3758562.50	0.03576
407612.50	3758562.50	0.03765	407662.50	3758562.50	0.03933
407712.50	3758562.50	0.04064	407762.50	3758562.50	0.04148
407812.50	3758562.50	0.04182	407862.50	3758562.50	0.04171
407912.50	3758562.50	0.04125	407962.50	3758562.50	0.04056
408012.50	3758562.50	0.03975	408062.50	3758562.50	0.03894
408112.50	3758562.50	0.03821	405987.50	3759987.50	0.39488
405987.50	3759937.50	0.41159	405987.50	3759887.50	0.43085
405987.50	3759837.50	0.44599	405987.50	3759787.50	0.47503
405987.50	3759737.50	0.53318	405987.50	3759687.50	0.60149
405987.50	3759637.50	0.72400	405987.50	3759587.50	0.79116
405987.50	3759537.50	0.88440	405987.50	3759487.50	0.94077
405987.50	3759437.50	0.98699	405987.50	3759387.50	0.83715
405987.50	3759337.50	0.77832	405987.50	3759287.50	0.69101
405987.50	3759237.50	0.60861	405987.50	3759187.50	0.51420
405987.50	3759137.50	0.46752	405987.50	3759087.50	0.39871
405987.50	3759037.50	0.33462	405987.50	3758987.50	0.29742
405987.50	3758937.50	0.26732	405987.50	3758887.50	0.24294
405987.50	3758837.50	0.23017	405987.50	3758787.50	0.22261
405987.50	3758737.50	0.21766	405987.50	3758687.50	0.21658
406037.50	3759987.50	0.42050	406037.50	3759837.50	0.46809
406037.50	3759787.50	0.48917	406037.50	3759737.50	0.54634
406037.50	3759687.50	0.61578	406037.50	3759637.50	0.75286
406037.50	3759587.50	0.82176	406037.50	3759537.50	0.93161

*** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions *** 11:06:58
 **MODELOPTs: **
 CONC URBAN ELEV FLGPOL NOCALM PAGE 88

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406037.50	3759487.50	0.80491	406037.50	3759437.50	0.82024
406037.50	3759387.50	0.82842	406037.50	3759337.50	0.77679
406037.50	3759287.50	0.70916	406037.50	3759237.50	0.62435
406037.50	3759187.50	0.55862	406037.50	3759137.50	0.49080
406037.50	3759087.50	0.41937	406037.50	3759037.50	0.35437
406037.50	3758987.50	0.31210	406037.50	3758937.50	0.27929
406037.50	3758887.50	0.25845	406037.50	3758837.50	0.24373

Appendix B

			NOx Annual Emissions Unmitigated				
406037.50	3758787.50	0.23998	406037.50	3758737.50	0.23519		
406037.50	3758687.50	0.22810	406087.50	3759987.50	0.45330		
406087.50	3759837.50	0.55583	406087.50	3759787.50	0.57080		
406087.50	3759737.50	0.50111	406087.50	3759687.50	0.54180		
406087.50	3759637.50	0.60588	406087.50	3759587.50	0.67356		
406087.50	3759537.50	0.73664	406087.50	3759487.50	0.81442		
406087.50	3759437.50	0.79699	406087.50	3759387.50	0.77992		
406087.50	3759337.50	0.76520	406087.50	3759287.50	0.75953		
406087.50	3759237.50	0.65628	406087.50	3759187.50	0.59983		
406087.50	3759137.50	0.52134	406087.50	3759087.50	0.44144		
406087.50	3759037.50	0.37293	406087.50	3758987.50	0.32768		
406087.50	3758937.50	0.29236	406087.50	3758887.50	0.27770		
406087.50	3758837.50	0.26391	406087.50	3758787.50	0.25751		
406087.50	3758737.50	0.25276	406087.50	3758687.50	0.24785		
406137.50	3759987.50	0.50823	406137.50	3759837.50	0.47277		
406137.50	3759787.50	0.48480	406137.50	3759737.50	0.51259		
406137.50	3759687.50	0.55785	406137.50	3759637.50	0.60116		
406137.50	3759587.50	0.67297	406137.50	3759537.50	0.75137		
406137.50	3759487.50	0.76022	406137.50	3759437.50	0.82610		
406137.50	3759387.50	0.88656	406137.50	3759337.50	0.87641		
406137.50	3759287.50	0.83480	406137.50	3759237.50	0.73323		
406137.50	3759187.50	0.65304	406137.50	3759137.50	0.55458		
406137.50	3759087.50	0.46493	406137.50	3759037.50	0.39232		
406137.50	3758987.50	0.34855	406137.50	3758937.50	0.31736		
406137.50	3758887.50	0.29673	406137.50	3758837.50	0.28734		
406137.50	3758787.50	0.27639	406137.50	3758737.50	0.27100		
406137.50	3758687.50	0.26506	406187.50	3759437.50	1.06836		
406187.50	3759387.50	1.06079	406187.50	3759337.50	1.03724		
406187.50	3759287.50	0.93012	406187.50	3759237.50	0.79937		
406187.50	3759187.50	0.69575	406187.50	3759137.50	0.59022		
406187.50	3759087.50	0.49066	406187.50	3759037.50	0.41423		
406187.50	3758987.50	0.37048	406187.50	3758937.50	0.33816		
406187.50	3758887.50	0.32210	406187.50	3758837.50	0.30926		
* *** ISCST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			***	07/29/11
			*** ANALYSIS ANNUAL NOx emissions			***	11:06:58
**MODELOPTs:							PAGE 89
CONC	URBAN ELEV	FLGPOL	NOCALM				
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION			VALUES FOR SOURCE GROUP: 1			***	
INCLUDING SOURCE(S):			1	2	3	4	
*** DISCRETE CARTESIAN RECEPTOR POINTS ***							
		** CONC OF OTHER	IN MICROGRAMS/M**3				
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
406187.50	3758787.50	0.29760	406187.50	3758737.50	0.29096		
406187.50	3758687.50	0.28342	406237.50	3759437.50	1.37070		
406237.50	3759387.50	1.19073	406237.50	3759337.50	1.12051		
406237.50	3759287.50	1.02533	406237.50	3759237.50	0.88715		
406237.50	3759187.50	0.75195	406237.50	3759137.50	0.61851		
406237.50	3759087.50	0.51681	406237.50	3759037.50	0.43230		
406237.50	3758987.50	0.38631	406237.50	3758937.50	0.36150		
406237.50	3758887.50	0.34242	406237.50	3758837.50	0.33414		
406237.50	3758787.50	0.32102	406237.50	3758737.50	0.31272		
406237.50	3758687.50	0.30249	406287.50	3759437.50	1.49522		
406287.50	3759387.50	1.59745	406287.50	3759337.50	1.22840		
406287.50	3759287.50	1.12147	406287.50	3759237.50	0.97500		
406287.50	3759187.50	0.80070	406287.50	3759137.50	0.65686		
406287.50	3759087.50	0.53125	406287.50	3759037.50	0.45360		
406287.50	3758987.50	0.40342	406287.50	3758937.50	0.38224		
406287.50	3758887.50	0.36403	406287.50	3758837.50	0.34884		
406287.50	3758787.50	0.34695	406287.50	3758737.50	0.33447		
406287.50	3758687.50	0.32671	406337.50	3759437.50	1.64244		
406337.50	3759387.50	1.72946	406337.50	3759337.50	1.39263		
406337.50	3759287.50	1.23328	406337.50	3759237.50	1.05928		
406337.50	3759187.50	0.86761	406337.50	3759137.50	0.68865		
406337.50	3759087.50	0.54444	406337.50	3759037.50	0.47074		
406337.50	3758987.50	0.42448	406337.50	3758937.50	0.39843		
406337.50	3758887.50	0.38811	406337.50	3758837.50	0.37284		
406337.50	3758787.50	0.36746	406337.50	3758737.50	0.35821		
406337.50	3758687.50	0.34639	406387.50	3759337.50	1.43450		
406387.50	3759287.50	1.32202	406387.50	3759237.50	1.13476		
406387.50	3759187.50	0.92178	406387.50	3759137.50	0.71104		
406387.50	3759087.50	0.57104	406387.50	3759037.50	0.49172		

Appendix B

				NOx Annual Emissions Unmitigated	
406387.50	3758987.50	0.45776	406387.50	3758937.50	0.43468
406387.50	3758887.50	0.40586	406387.50	3758837.50	0.39463
406387.50	3758787.50	0.38770	406387.50	3758737.50	0.38330
406387.50	3758687.50	0.37286	406437.50	3759337.50	1.55406
406437.50	3759287.50	1.42038	406437.50	3759237.50	1.23981
406437.50	3759187.50	0.96721	406437.50	3759137.50	0.73018
406437.50	3759087.50	0.59056	406437.50	3759037.50	0.51798
406437.50	3758987.50	0.49175	406437.50	3758937.50	0.47763
406437.50	3758887.50	0.44130	406437.50	3758837.50	0.41810
406437.50	3758787.50	0.41536	406437.50	3758737.50	0.40501
406437.50	3758687.50	0.39643	406487.50	3759287.50	1.58537
* *** IS CST3 - VERSION 02035 ***		*** WHITTIER MATRIX OIL PROJECT		***	
		*** ANALYSIS ANNUAL NOx emissions		07/29/11	
**MODELOPTs:				11:06:58	
CONC	URBAN ELEV	FLGPOL	NOCALM	PAGE 90	
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***					
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,					
*** DISCRETE CARTESIAN RECEPTOR POINTS ***					
		** CONC OF OTHER	IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406487.50	3759237.50	1.32997	406487.50	3759187.50	0.98479
406487.50	3759137.50	0.75021	406487.50	3759087.50	0.61524
406487.50	3759037.50	0.56123	406487.50	3758987.50	0.54216
406487.50	3758937.50	0.52467	406487.50	3758887.50	0.48525
406487.50	3758837.50	0.47002	406487.50	3758787.50	0.45935
406487.50	3758737.50	0.44200	406487.50	3758687.50	0.41552
406537.50	3759237.50	1.42609	406537.50	3759187.50	1.04360
406537.50	3759137.50	0.79155	406537.50	3759087.50	0.67807
406537.50	3759037.50	0.62300	406537.50	3758987.50	0.58742
406537.50	3758937.50	0.55413	406537.50	3758887.50	0.54197
406537.50	3758837.50	0.54319	406537.50	3758787.50	0.51629
406537.50	3758737.50	0.47463	406537.50	3758687.50	0.43344
406587.50	3759237.50	1.63122	406587.50	3759187.50	1.16416
406587.50	3759137.50	0.86821	406587.50	3759087.50	0.75093
406587.50	3759037.50	0.69658	406587.50	3758987.50	0.65627
406587.50	3758937.50	0.64039	406587.50	3758887.50	0.62890
406587.50	3758837.50	0.59952	406587.50	3758787.50	0.54803
406587.50	3758737.50	0.48830	406587.50	3758687.50	0.44016
406587.50	3758637.50	0.38601	406637.50	3759187.50	1.27571
406637.50	3759137.50	0.97134	406637.50	3759087.50	0.86644
406637.50	3759037.50	0.76309	406637.50	3758987.50	0.75452
406637.50	3758937.50	0.76005	406637.50	3758887.50	0.72340
406637.50	3758837.50	0.64367	406637.50	3758787.50	0.56417
406637.50	3758737.50	0.49212	406637.50	3758687.50	0.43498
406687.50	3759137.50	1.04840	406687.50	3759087.50	0.95967
406687.50	3759037.50	0.95163	406687.50	3758987.50	0.94241
406687.50	3758937.50	0.88980	406687.50	3758887.50	0.76182
406687.50	3758837.50	0.65949	406687.50	3758737.50	0.47122
406737.50	3759137.50	1.27679	406737.50	3759037.50	1.29504
406737.50	3758987.50	1.12794	406737.50	3758937.50	0.92481
406737.50	3758637.50	0.33116	406787.50	3759037.50	1.64621
406787.50	3758987.50	1.20339	406787.50	3758937.50	0.91355
406787.50	3758687.50	0.36542	406787.50	3758637.50	0.30121
406837.50	3758737.50	0.41911	406837.50	3758687.50	0.36290
406837.50	3758637.50	0.30825	406887.50	3758787.50	0.48175
406887.50	3758737.50	0.41292	406887.50	3758687.50	0.36039
406887.50	3758637.50	0.31236	406937.50	3758737.50	0.42718
406937.50	3758687.50	0.37920	406937.50	3758637.50	0.33245
406987.50	3758737.50	0.48493	406987.50	3758687.50	0.43275
406987.50	3758637.50	0.37120	407037.50	3758687.50	0.48317
* *** IS CST3 - VERSION 02035 ***		*** WHITTIER MATRIX OIL PROJECT		***	
		*** ANALYSIS ANNUAL NOx emissions		07/29/11	
**MODELOPTs:				11:06:58	
CONC	URBAN ELEV	FLGPOL	NOCALM	PAGE 91	
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***					
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,					
*** DISCRETE CARTESIAN RECEPTOR POINTS ***					
		** CONC OF OTHER	IN MICROGRAMS/M**3		

Appendix B

NOx Annual Emissions Unmitigated

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407037.50	3758637.50	0.43989	407087.50	3758637.50	0.56420
407137.50	3758637.50	0.62116	407187.50	3758637.50	0.65443
407237.50	3758637.50	0.64753	407287.50	3758637.50	0.59040
407337.50	3758637.50	0.50347	407387.50	3758637.50	0.44082
407437.50	3758637.50	0.48751	407487.50	3758637.50	0.37453
407537.50	3758637.50	0.03811	407587.50	3758637.50	0.04028
407637.50	3758637.50	0.04206	407687.50	3758637.50	0.04326
407737.50	3758637.50	0.04383	407787.50	3758637.50	0.04384
407837.50	3758637.50	0.04340	407887.50	3758637.50	0.04266
407937.50	3758637.50	0.04178	407987.50	3758637.50	0.04088
408037.50	3758637.50	0.04005	408087.50	3758637.50	0.03937
405987.50	3758637.50	0.21361	405987.50	3758587.50	0.21177
406037.50	3758637.50	0.22743	406037.50	3758587.50	0.22469
406087.50	3758637.50	0.24208	406087.50	3758587.50	0.23903
406137.50	3758637.50	0.25763	406137.50	3758587.50	0.25291
406187.50	3758637.50	0.27861	406187.50	3758587.50	0.27040
406237.50	3758637.50	0.29521	406237.50	3758587.50	0.28876
406287.50	3758637.50	0.31561	406287.50	3758587.50	0.30670
406337.50	3758637.50	0.33180	406337.50	3758587.50	0.31891
406387.50	3758637.50	0.35117	406387.50	3758587.50	0.32783
406437.50	3758637.50	0.36847	406437.50	3758587.50	0.34072
406487.50	3758637.50	0.38204	406487.50	3758587.50	0.34496
406537.50	3758637.50	0.38835	406537.50	3758587.50	0.34962
406587.50	3758587.50	0.33643	406737.50	3758587.50	0.27822
406787.50	3758587.50	0.27556	406837.50	3758587.50	0.26201
406887.50	3758587.50	0.24480	406937.50	3758587.50	0.32278
406987.50	3758587.50	0.38661	407037.50	3758587.50	0.48233
407087.50	3758587.50	0.54231	407137.50	3758587.50	0.59343
407187.50	3758587.50	0.65374	407237.50	3758587.50	0.64587
407287.50	3758587.50	0.55484	407337.50	3758587.50	0.47624
407387.50	3758587.50	0.41969	407437.50	3758587.50	0.44374
407487.50	3758587.50	0.34364	407537.50	3758587.50	0.03587
407587.50	3758587.50	0.03788	407637.50	3758587.50	0.03970
407687.50	3758587.50	0.04114	407737.50	3758587.50	0.04207
407787.50	3758587.50	0.04246	407837.50	3758587.50	0.04238
407887.50	3758587.50	0.04192	407937.50	3758587.50	0.04121
407987.50	3758587.50	0.04038	408037.50	3758587.50	0.03953
408087.50	3758587.50	0.03877	408749.81	3760427.50	0.04865
408576.44	3760430.50	0.05237	408341.81	3760655.25	0.06020
408422.13	3760726.50	0.05694	408512.50	3760597.25	0.05317

• *** IS CST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL NOx emissions

*** 07/29/11
*** 11:06:58
*** PAGE 92

**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
408737.16	3760284.25	0.04852	407589.22	3757492.75	0.02576
406297.84	3757662.00	0.07940	406584.22	3757389.75	0.06909
407118.84	3757983.50	0.25212	406874.28	3758349.75	0.24161
406620.19	3758321.00	0.17683	406622.53	3757771.75	0.09739
406913.03	3757488.00	0.11603	406700.63	3757538.25	0.08894
407066.22	3757290.75	0.11604	407127.28	3757406.50	0.13190
408971.50	3759219.25	0.07946	408922.47	3758958.75	0.05883
408826.50	3758876.00	0.05053	409072.44	3758868.25	0.05223
408994.97	3758728.50	0.04247	408227.34	3758224.50	0.03636
408139.69	3758492.50	0.03743	408581.97	3758154.25	0.03273
408461.59	3758025.75	0.03481	407729.41	3758130.75	0.02635
407645.41	3757976.25	0.02395	407482.91	3757723.50	0.16753
405320.38	3759820.00	0.22497	405904.09	3759261.50	0.58510
405691.53	3759433.25	0.54093	405617.38	3759631.25	0.55963
405524.66	3759523.75	0.42752	405402.38	3759491.75	0.39083
405646.00	3759323.00	0.45252	405616.31	3759173.50	0.34353
405512.63	3759095.00	0.27357	405377.47	3759043.00	0.23346
405466.31	3758975.75	0.21135	405527.84	3758925.25	0.19352
406550.63	3758915.00	0.56621	406480.47	3759093.00	0.61703

Appendix B

			NOx Annual Emissions Unmitigated			
406259.69	3759222.50	0.88070	406195.81	3759106.75	0.53092	
406070.25	3759025.25	0.35429	405757.63	3758923.00	0.22091	
405844.38	3758855.25	0.20569	406318.13	3758856.00	0.37366	
406403.53	3759010.50	0.48249	406352.00	3759038.50	0.47724	
406045.00	3760461.25	0.36028	407358.28	3758534.50	0.43613	
407261.69	3758458.75	0.55515	406506.84	3758549.25	0.32326	
406457.91	3758378.00	0.23510	406301.69	3758551.25	0.30066	
406205.03	3758613.50	0.28143	406115.41	3758675.25	0.25547	
406028.59	3758737.00	0.23021	405938.28	3758799.00	0.21316	
405736.72	3758451.50	0.15364	405814.44	3758395.25	0.16560	
406257.69	3758091.75	0.16169	406166.63	3758153.50	0.17908	
405932.31	3758196.50	0.16896	406072.19	3758298.75	0.19806	
405823.09	3758062.75	0.14567	405911.28	3757995.50	0.14344	
405982.13	3757889.25	0.13271	405799.16	3757924.25	0.13011	
405647.81	3758653.25	0.14509	405489.16	3758508.50	0.12151	
405436.44	3758454.50	0.11572	405455.72	3758338.00	0.11858	
405549.16	3758093.00	0.12510	405661.88	3758014.50	0.13017	
405479.72	3758764.50	0.14018	405359.16	3758904.50	0.17459	
405170.69	3759021.00	0.20895	405201.97	3758906.00	0.16987	
405349.88	3758821.25	0.14616	405215.44	3758773.00	0.13062	
405359.75	3758681.25	0.11931	405435.38	3758629.50	0.12037	
* *** ISCST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			***
			*** ANALYSIS ANNUAL NOx emissions			***
**MODELOPTs:						
CONC	URBAN ELEV	FLGPOL	NOCALM		07/29/11	
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***						
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,						
*** DISCRETE CARTESIAN RECEPTOR POINTS ***						
** CONC OF OTHER IN MICROGRAMS/M**3 **						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
405236.44	3759463.75	0.30802	405212.38	3759382.75	0.29351	
405186.19	3759300.00	0.27907	405257.38	3759088.75	0.23778	
408456.66	3760361.75	0.05572	408269.97	3760516.25	0.06290	
407367.84	3760879.75	0.27602	408322.63	3760275.50	0.06052	
408794.38	3759931.00	0.05140	406130.81	3760014.50	0.49388	
* *** ISCST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			***
			*** ANALYSIS ANNUAL NOx emissions			***
**MODELOPTs:						
CONC	URBAN ELEV	FLGPOL	NOCALM		07/29/11	
*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***						
** CONC OF OTHER IN MICROGRAMS/M**3 **						

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
1	1ST HIGHEST VALUE IS	2.09358 AT (407162.81, 3759027.25, 140.94, 1.50)	DC	NA
	2ND HIGHEST VALUE IS	2.09012 AT (407179.00, 3759048.00, 141.88, 1.50)	DC	NA
	3RD HIGHEST VALUE IS	1.96110 AT (407196.97, 3759050.00, 143.68, 1.50)	DC	NA
	4TH HIGHEST VALUE IS	1.85742 AT (406588.16, 3759257.75, 138.81, 1.50)	DC	NA
	5TH HIGHEST VALUE IS	1.85358 AT (407144.13, 3759004.00, 138.41, 1.50)	DC	NA
	6TH HIGHEST VALUE IS	1.83535 AT (406567.09, 3759271.00, 138.23, 1.50)	DC	NA
	7TH HIGHEST VALUE IS	1.83123 AT (406546.00, 3759284.50, 138.65, 1.50)	DC	NA
	8TH HIGHEST VALUE IS	1.81647 AT (406802.63, 3759049.75, 140.39, 1.50)	DC	NA
	9TH HIGHEST VALUE IS	1.81544 AT (406609.25, 3759244.25, 138.59, 1.50)	DC	NA
	10TH HIGHEST VALUE IS	1.80407 AT (406524.91, 3759298.00, 138.99, 1.50)	DC	NA

*** RECEPTOR TYPES:				
GC	=	GRIDCART		
GP	=	GRIDPOLR		
DC	=	DISCCART		
DP	=	DISCPOLR		
BD	=	BOUNDARY		
* *** ISCST3 - VERSION 02035 ***				
*** WHITTIER MATRIX OIL PROJECT				
*** ANALYSIS ANNUAL NOx emissions				
**MODELOPTs:				
CONC	URBAN ELEV	FLGPOL	NOCALM	
07/29/11				
11:06:58				
PAGE 95				

Appendix B

NOx Annual Emissions Unmitigated

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 75552 Informational Message(s)

A Total of 1405 Calm Hours Identified

A Total of 74147 Cases Identified with HE > ZI

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
ME W360 7444 SET_WI:2-Digit Year Specified: Valid for Range 1950-2049 SURFDATA
RE W282 7437 CHK_EL:RecElev < SrcBase; See non-DEFAULT HE>ZI option in MCB#9

*** ISCST3 Finishes Successfully ***

Appendix B

NOx Annual Emissions Mitigated

** ISC input file generated by GCC from
** Date: 7/22/2011

CO STARTING

TITLEONE WHITTIER MATRIX OIL PROJECT
TITLETWO ANALYSIS ANNUAL NOx emissions mitigated
MODELOPT CONC URBAN NOCALM
AVERTIME ANNUAL
POLLUTID Other
TERRHGTs ELEV
RUNORNOT RUN
ERRORFIL c:\ISC\zERROR.ERR
FLAGPOLE 0.0

CO FINISHED

** UTMZONE 11
** SRCPARAM g/sec - height m - temp K - velocity m/s - dia m

SO STARTING

ELEVUNIT FEET

** Flare
LOCATION 1 POINT 407065 3759568 495
SRCPARAM 1 0.048 12.2 1050 3.7 1.8

** DEA Reboiler
LOCATION 2 POINT 407085 3759498 495
SRCPARAM 2 0.013 6.1 565.0 2.8 0.25

** Heater
LOCATION 3 POINT 407085 3759498 495
SRCPARAM 3 0.011 6.1 565.0 2.8 0.5

** Drill Rig
LOCATION 4 POINT 407130 3759340 485
SRCPARAM 4 0.397 4.0 783.0 3.6 0.2

SRCGROUP 1 1-4

SO FINISHED

RE STARTING

ELEVUNIT FEET

** receptor 1 property boundary receptor: 1
DISCCART 409779.521165832 3759787.55611628 0.00 1.50
** receptor =B6+1 property boundary receptor: =C6+1
DISCCART 409779.356248946 3759762.55120596 0.00 1.50
** receptor =B7+1 property boundary receptor: =C7+1
DISCCART 409779.19133206 3759737.5562936 0.00 1.50
** receptor =B8+1 property boundary receptor: =C8+1
DISCCART 409779.026415174 3759712.55138327 0.00 1.50
** receptor =B9+1 property boundary receptor: =C9+1
DISCCART 409778.869744132 3759687.55647092 0.00 1.50
** receptor =B10+1 property boundary receptor: =C10+1
DISCCART 409778.704827246 3759662.56155856 0.00 1.50
** receptor =B11+1 property boundary receptor: =C11+1
DISCCART 409778.539910361 3759637.55664824 0.00 1.50
** receptor =B12+1 property boundary receptor: =C12+1
DISCCART 409778.374993475 3759612.56173588 0.00 1.50
** receptor =B13+1 property boundary receptor: =C13+1
DISCCART 409778.210076589 3759587.55682556 0.00 1.50
** receptor =B14+1 property boundary receptor: =C14+1
DISCCART 409778.053405547 3759562.5619132 0.00 1.50
** receptor =B15+1 property boundary receptor: =C15+1
DISCCART 409777.888488661 3759537.55700287 0.00 1.50
** receptor =B16+1 property boundary receptor: =C16+1
DISCCART 409777.723571775 3759512.56209052 0.00 1.50
** receptor =B17+1 property boundary receptor: =C17+1
DISCCART 409777.558654889 3759487.55718019 0.00 1.50

Appendix B

NOx Annual Emissions Mitigated

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** receptor =B18+1 property boundary receptor: =C18+1
DISCCART 409777.393738003 3759462.56226784 0.00 1.50
** receptor =B19+1 property boundary receptor: =C19+1
DISCCART 409777.237066962 3759437.55735751 0.00 1.50
** receptor =B20+1 property boundary receptor: =C20+1
DISCCART 409777.072150076 3759412.56244516 0.00 1.50
** receptor =B21+1 property boundary receptor: =C21+1
DISCCART 409776.90723319 3759387.55753483 0.00 1.50
** receptor =B22+1 property boundary receptor: =C22+1
DISCCART 409776.742316304 3759362.56262247 0.00 1.50
** receptor =B23+1 property boundary receptor: =C23+1
DISCCART 409776.577399418 3759337.56771012 0.00 1.50
** receptor =B24+1 property boundary receptor: =C24+1
DISCCART 409776.420728376 3759312.56279979 0.00 1.50
** receptor =B25+1 property boundary receptor: =C25+1
DISCCART 409776.25581149 3759287.56788744 0.00 1.50
** receptor =B26+1 property boundary receptor: =C26+1
DISCCART 409776.090894605 3759262.56297711 0.00 1.50
** receptor =B27+1 property boundary receptor: =C27+1
DISCCART 409775.925977719 3759237.56806476 0.00 1.50
** receptor =B28+1 property boundary receptor: =C28+1
DISCCART 409775.653864857 3759212.56315443 0.00 1.50
** receptor =B29+1 property boundary receptor: =C29+1
DISCCART 409775.389997839 3759187.56824207 0.00 1.50
** receptor =B30+1 property boundary receptor: =C30+1
DISCCART 409775.117884978 3759162.56333175 0.00 1.50
** receptor =B31+1 property boundary receptor: =C31+1
DISCCART 409774.845772116 3759137.56841939 0.00 1.50
** receptor =B32+1 property boundary receptor: =C32+1
DISCCART 409774.581905098 3759112.57350704 0.00 1.50
** receptor =B33+1 property boundary receptor: =C33+1
DISCCART 409774.309792237 3759087.56859671 0.00 1.50
** receptor =B34+1 property boundary receptor: =C34+1
DISCCART 409774.037679375 3759062.57368436 0.00 1.50
** receptor =B35+1 property boundary receptor: =C35+1
DISCCART 409773.773812357 3759037.578772 0.00 1.50
** receptor =B36+1 property boundary receptor: =C36+1
DISCCART 409765.239363511 3759020.17231503 0.00 1.50
** receptor =B37+1 property boundary receptor: =C37+1
DISCCART 409740.237963605 3759020.5522377 0.00 1.50
** receptor =B38+1 property boundary receptor: =C38+1
DISCCART 409715.244809544 3759020.89216851 0.00 1.50
** receptor =B39+1 property boundary receptor: =C39+1
DISCCART 409690.243409638 3759021.21210339 0.00 1.50
** receptor =B40+1 property boundary receptor: =C40+1
DISCCART 409665.242009733 3759021.53203826 0.00 1.50
** receptor =B41+1 property boundary receptor: =C41+1
DISCCART 409640.248855671 3759021.86197111 0.00 1.50
** receptor =B42+1 property boundary receptor: =C42+1
DISCCART 409615.247455766 3759022.18190599 0.00 1.50
** receptor =B43+1 property boundary receptor: =C43+1
DISCCART 409590.254301704 3759022.50184086 0.00 1.50
** receptor =B44+1 property boundary receptor: =C44+1
DISCCART 409565.252901799 3759022.83177371 0.00 1.50
** receptor =B45+1 property boundary receptor: =C45+1
DISCCART 409540.259747738 3759023.15170858 0.00 1.50
** receptor =B46+1 property boundary receptor: =C46+1
DISCCART 409515.266593676 3759024.15150508 0.00 1.50
** receptor =B47+1 property boundary receptor: =C47+1
DISCCART 409490.289931303 3759025.35126087 0.00 1.50
** receptor =B48+1 property boundary receptor: =C48+1
DISCCART 409465.321514775 3759026.38105126 0.00 1.50
** receptor =B49+1 property boundary receptor: =C49+1
DISCCART 409440.336606558 3759027.09090677 0.00 1.50
** receptor =B50+1 property boundary receptor: =C50+1
DISCCART 409415.351698341 3759027.66079077 0.00 1.50
** receptor =B51+1 property boundary receptor: =C51+1
DISCCART 409390.342052591 3759027.87074804 0.00 1.50
** receptor =B52+1 property boundary receptor: =C52+1
DISCCART 409365.34889853 3759028.39064221 0.00 1.50
** receptor =B53+1 property boundary receptor: =C53+1
DISCCART 409340.355744468 3759028.90053843 0.00 1.50
** receptor =B54+1 property boundary receptor: =C54+1
DISCCART 409315.362590407 3759029.4204326 0.00 1.50
** receptor =B55+1 property boundary receptor: =C55+1
DISCCART 409290.369436346 3759029.94032678 0.00 1.50

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Appendix B

NOx Annual Emissions Mitigated

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** receptor =B56+1 property boundary receptor: =C56+1
DISCCART 409265.376282284 3759030.45022299 0.00 1.50
** receptor =B57+1 property boundary receptor: =C57+1
DISCCART 409240.374882379 3759030.97011717 0.00 1.50
** receptor =B58+1 property boundary receptor: =C58+1
DISCCART 409215.381728317 3759031.48001338 0.00 1.50
** receptor =B59+1 property boundary receptor: =C59+1
DISCCART 409190.388574256 3759031.99990756 0.00 1.50
** receptor =B60+1 property boundary receptor: =C60+1
DISCCART 409165.395420195 3759032.51980174 0.00 1.50
** receptor =B61+1 property boundary receptor: =C61+1
DISCCART 409140.402266133 3759033.02969795 0.00 1.50
** receptor =B62+1 property boundary receptor: =C62+1
DISCCART 409115.400866228 3759033.54959213 0.00 1.50
** receptor =B63+1 property boundary receptor: =C63+1
DISCCART 409090.407712167 3759034.0694863 0.00 1.50
** receptor =B64+1 property boundary receptor: =C64+1
DISCCART 409065.414558105 3759034.57938251 0.00 1.50
** receptor =B65+1 property boundary receptor: =C65+1
DISCCART 409040.421404044 3759035.09927669 0.00 1.50
** receptor =B66+1 property boundary receptor: =C66+1
DISCCART 409015.428249983 3759035.61917087 0.00 1.50
** receptor =B67+1 property boundary receptor: =C67+1
DISCCART 408990.426850077 3759036.12906708 0.00 1.50
** receptor =B68+1 property boundary receptor: =C68+1
DISCCART 408965.433696016 3759036.64896126 0.00 1.50
** receptor =B69+1 property boundary receptor: =C69+1
DISCCART 408940.440541954 3759037.15885747 0.00 1.50
** receptor =B70+1 property boundary receptor: =C70+1
DISCCART 408915.447387893 3759037.67875165 0.00 1.50
** receptor =B71+1 property boundary receptor: =C71+1
DISCCART 408890.454233832 3759038.19864582 0.00 1.50
** receptor =B72+1 property boundary receptor: =C72+1
DISCCART 408865.46107977 3759038.70854204 0.00 1.50
** receptor =B73+1 property boundary receptor: =C73+1
DISCCART 408840.459679865 3759039.22843621 0.00 1.50
** receptor =B74+1 property boundary receptor: =C74+1
DISCCART 408815.466525803 3759039.74833039 0.00 1.50
** receptor =B75+1 property boundary receptor: =C75+1
DISCCART 408790.473371742 3759040.2582266 0.00 1.50
** receptor =B76+1 property boundary receptor: =C76+1
DISCCART 408765.480217681 3759040.77812078 0.00 1.50
** receptor =B77+1 property boundary receptor: =C77+1
DISCCART 408740.487063619 3759041.28801699 0.00 1.50
** receptor =B78+1 property boundary receptor: =C78+1
DISCCART 408715.485663714 3759041.80791117 0.00 1.50
** receptor =B79+1 property boundary receptor: =C79+1
DISCCART 408690.492509652 3759042.32780535 0.00 1.50
** receptor =B80+1 property boundary receptor: =C80+1
DISCCART 408665.499355591 3759042.83770156 0.00 1.50
** receptor =B81+1 property boundary receptor: =C81+1
DISCCART 408640.50620153 3759043.35759573 0.00 1.50
** receptor =B82+1 property boundary receptor: =C82+1
DISCCART 408615.513047468 3759043.87748991 0.00 1.50
** receptor =B83+1 property boundary receptor: =C83+1
DISCCART 408590.519893407 3759044.38738612 0.00 1.50
** receptor =B84+1 property boundary receptor: =C84+1
DISCCART 408581.894740273 3759028.87054453 0.00 1.50
** receptor =B85+1 property boundary receptor: =C85+1
DISCCART 408581.58139819 3759003.87563217 0.00 1.50
** receptor =B86+1 property boundary receptor: =C86+1
DISCCART 408581.268056107 3758978.88071982 0.00 1.50
** receptor =B87+1 property boundary receptor: =C87+1
DISCCART 408580.954714024 3758953.87580949 0.00 1.50
** receptor =B88+1 property boundary receptor: =C88+1
DISCCART 408580.64137194 3758928.88089714 0.00 1.50
** receptor =B89+1 property boundary receptor: =C89+1
DISCCART 408580.328029857 3758903.88598478 0.00 1.50
** receptor =B90+1 property boundary receptor: =C90+1
DISCCART 408580.014687774 3758878.88107445 0.00 1.50
** receptor =B91+1 property boundary receptor: =C91+1
DISCCART 408579.701345691 3758853.8861621 0.00 1.50
** receptor =B92+1 property boundary receptor: =C92+1
DISCCART 408579.388003607 3758828.89124974 0.00 1.50
** receptor =B93+1 property boundary receptor: =C93+1
DISCCART 408579.074661524 3758803.88633942 0.00 1.50

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Appendix B

NOx Annual Emissions Mitigated

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** receptor =B94+1 property boundary receptor: =C94+1
DISCCART 408578.761319441 3758778.89142706 0.00 1.50
** receptor =B95+1 property boundary receptor: =C95+1
DISCCART 408578.447977358 3758753.8965147 0.00 1.50
** receptor =B96+1 property boundary receptor: =C96+1
DISCCART 408578.134635274 3758728.89160438 0.00 1.50
** receptor =B97+1 property boundary receptor: =C97+1
DISCCART 408567.835575749 3758707.58594108 0.00 1.50
** receptor =B98+1 property boundary receptor: =C98+1
DISCCART 408550.700711301 3758689.38964489 0.00 1.50
** receptor =B99+1 property boundary receptor: =C99+1
DISCCART 408533.565846854 3758671.18335073 0.00 1.50
** receptor =B100+1 property boundary receptor: =C100+1
DISCCART 408513.767574699 3758658.37595763 0.00 1.50
** receptor =B101+1 property boundary receptor: =C101+1
DISCCART 408488.774420638 3758658.81586809 0.00 1.50
** receptor =B102+1 property boundary receptor: =C102+1
DISCCART 408463.773020732 3758659.26577651 0.00 1.50
** receptor =B103+1 property boundary receptor: =C103+1
DISCCART 408438.779866671 3758659.70568697 0.00 1.50
** receptor =B104+1 property boundary receptor: =C104+1
DISCCART 408413.78671261 3758660.15559539 0.00 1.50
** receptor =B105+1 property boundary receptor: =C105+1
DISCCART 408388.785312704 3758660.59550585 0.00 1.50
** receptor =B106+1 property boundary receptor: =C106+1
DISCCART 408363.792158643 3758661.04541427 0.00 1.50
** receptor =B107+1 property boundary receptor: =C107+1
DISCCART 408338.799004582 3758661.48532473 0.00 1.50
** receptor =B108+1 property boundary receptor: =C108+1
DISCCART 408313.797604676 3758661.93523315 0.00 1.50
** receptor =B109+1 property boundary receptor: =C109+1
DISCCART 408288.804450615 3758662.37514361 0.00 1.50
** receptor =B110+1 property boundary receptor: =C110+1
DISCCART 408263.811296553 3758662.81505407 0.00 1.50
** receptor =B111+1 property boundary receptor: =C111+1
DISCCART 408238.809896648 3758663.26496249 0.00 1.50
** receptor =B112+1 property boundary receptor: =C112+1
DISCCART 408213.816742586 3758663.70487295 0.00 1.50
** receptor =B113+1 property boundary receptor: =C113+1
DISCCART 408188.823588525 3758664.15478137 0.00 1.50
** receptor =B114+1 property boundary receptor: =C114+1
DISCCART 408163.822188619 3758664.59469183 0.00 1.50
** receptor =B115+1 property boundary receptor: =C115+1
DISCCART 408138.829034558 3758665.04460025 0.00 1.50
** receptor =B116+1 property boundary receptor: =C116+1
DISCCART 408113.835880497 3758665.48451071 0.00 1.50
** receptor =B117+1 property boundary receptor: =C117+1
DISCCART 408088.834480591 3758665.93441913 0.00 1.50
** receptor =B118+1 property boundary receptor: =C118+1
DISCCART 408063.84132653 3758666.37432959 0.00 1.50
** receptor =B119+1 property boundary receptor: =C119+1
DISCCART 408038.839926624 3758666.82423801 0.00 1.50
** receptor =B120+1 property boundary receptor: =C120+1
DISCCART 408013.846772563 3758667.26414847 0.00 1.50
** receptor =B121+1 property boundary receptor: =C121+1
DISCCART 407988.853618501 3758667.71405689 0.00 1.50
** receptor =B122+1 property boundary receptor: =C122+1
DISCCART 407963.852218596 3758668.15396735 0.00 1.50
** receptor =B123+1 property boundary receptor: =C123+1
DISCCART 407938.859064535 3758668.59387781 0.00 1.50
** receptor =B124+1 property boundary receptor: =C124+1
DISCCART 407913.865910473 3758669.04378623 0.00 1.50
** receptor =B125+1 property boundary receptor: =C125+1
DISCCART 407888.864510568 3758669.48369669 0.00 1.50
** receptor =B126+1 property boundary receptor: =C126+1
DISCCART 407863.871356506 3758669.93360511 0.00 1.50
** receptor =B127+1 property boundary receptor: =C127+1
DISCCART 407838.878202445 3758670.37351557 0.00 1.50
** receptor =B128+1 property boundary receptor: =C128+1
DISCCART 407813.876802539 3758670.82342399 0.00 1.50
** receptor =B129+1 property boundary receptor: =C129+1
DISCCART 407788.883648478 3758671.26333445 0.00 1.50
** receptor =B130+1 property boundary receptor: =C130+1
DISCCART 407763.890494417 3758671.71324287 0.00 1.50
** receptor =B131+1 property boundary receptor: =C131+1
DISCCART 407738.889094511 3758672.15315333 0.00 1.50

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Appendix B

NOx Annual Emissions Mitigated

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** receptor =B132+1 property boundary receptor: =C132+1
DISCCART 407713.89594045 3758672.60306175 0.00 1.50
** receptor =B133+1 property boundary receptor: =C133+1
DISCCART 407688.902786388 3758673.04297221 0.00 1.50
** receptor =B134+1 property boundary receptor: =C134+1
DISCCART 407663.901386483 3758673.49288063 0.00 1.50
** receptor =B135+1 property boundary receptor: =C135+1
DISCCART 407638.908232421 3758673.93279109 0.00 1.50
** receptor =B136+1 property boundary receptor: =C136+1
DISCCART 407613.91507836 3758674.37270154 0.00 1.50
** receptor =B137+1 property boundary receptor: =C137+1
DISCCART 407588.913678454 3758674.82260997 0.00 1.50
** receptor =B138+1 property boundary receptor: =C138+1
DISCCART 407563.920524393 3758675.26252042 0.00 1.50
** receptor =B139+1 property boundary receptor: =C139+1
DISCCART 407538.919124488 3758675.71242885 0.00 1.50
** receptor =B140+1 property boundary receptor: =C140+1
DISCCART 407513.925970426 3758676.1523393 487.00 1.50
** receptor =B141+1 property boundary receptor: =C141+1
DISCCART 407488.916324676 3758676.67223348 504.80 1.50
** receptor =B142+1 property boundary receptor: =C142+1
DISCCART 407463.956153992 3758678.00196282 508.50 1.50
** receptor =B143+1 property boundary receptor: =C143+1
DISCCART 407438.987737464 3758679.33169215 508.00 1.50
** receptor =B144+1 property boundary receptor: =C144+1
DISCCART 407414.02756678 3758680.66142149 499.00 1.50
** receptor =B145+1 property boundary receptor: =C145+1
DISCCART 407389.059150251 3758681.99115083 491.80 1.50
** receptor =B146+1 property boundary receptor: =C146+1
DISCCART 407364.090733723 3758683.32088017 483.60 1.50
** receptor =B147+1 property boundary receptor: =C147+1
DISCCART 407339.130563039 3758684.6506095 473.10 1.50
** receptor =B148+1 property boundary receptor: =C148+1
DISCCART 407314.16214651 3758685.98033884 464.30 1.50
** receptor =B149+1 property boundary receptor: =C149+1
DISCCART 407289.201975826 3758687.31006818 459.00 1.50
** receptor =B150+1 property boundary receptor: =C150+1
DISCCART 407264.233559298 3758688.63979752 450.60 1.50
** receptor =B151+1 property boundary receptor: =C151+1
DISCCART 407239.273388613 3758689.96952686 445.20 1.50
** receptor =B152+1 property boundary receptor: =C152+1
DISCCART 407214.304972085 3758691.29925619 439.20 1.50
** receptor =B153+1 property boundary receptor: =C153+1
DISCCART 407189.344801401 3758692.62898553 421.30 1.50
** receptor =B154+1 property boundary receptor: =C154+1
DISCCART 407164.376384872 3758693.95871487 400.40 1.50
** receptor =B155+1 property boundary receptor: =C155+1
DISCCART 407139.416214188 3758695.27844624 382.00 1.50
** receptor =B156+1 property boundary receptor: =C156+1
DISCCART 407114.44779766 3758696.60817558 377.20 1.50
** receptor =B157+1 property boundary receptor: =C157+1
DISCCART 407089.487626976 3758697.93790491 384.00 1.50
** receptor =B158+1 property boundary receptor: =C158+1
DISCCART 407065.681874493 3758703.39679377 394.00 1.50
** receptor =B159+1 property boundary receptor: =C159+1
DISCCART 407045.124984663 3758717.63389585 400.10 1.50
** receptor =B160+1 property boundary receptor: =C160+1
DISCCART 407024.576340677 3758731.87099793 403.40 1.50
** receptor =B161+1 property boundary receptor: =C161+1
DISCCART 407004.019450847 3758746.09810204 406.20 1.50
** receptor =B162+1 property boundary receptor: =C162+1
DISCCART 406983.470806861 3758760.33520412 410.90 1.50
** receptor =B163+1 property boundary receptor: =C163+1
DISCCART 406962.922162876 3758774.5723062 415.50 1.50
** receptor =B164+1 property boundary receptor: =C164+1
DISCCART 406942.365273046 3758788.80940828 416.90 1.50
** receptor =B165+1 property boundary receptor: =C165+1
DISCCART 406921.81662906 3758803.0365124 418.60 1.50
** receptor =B166+1 property boundary receptor: =C166+1
DISCCART 406901.25973923 3758817.27361448 417.10 1.50
** receptor =B167+1 property boundary receptor: =C167+1
DISCCART 406883.918728675 3758804.44622545 408.20 1.50
** receptor =B168+1 property boundary receptor: =C168+1
DISCCART 406866.511751366 3758786.49987838 407.40 1.50
** receptor =B169+1 property boundary receptor: =C169+1
DISCCART 406849.055298991 3758768.49354352 409.10 1.50

```

Appendix B

NOx Annual Emissions Mitigated

** receptor =B170+1 property boundary receptor: =C170+1
 DISCCART 406828.828242933 3758753.80653302 404.10 1.50
 ** receptor =B171+1 property boundary receptor: =C171+1
 DISCCART 406808.601186875 3758739.11952251 401.40 1.50
 ** receptor =B172+1 property boundary receptor: =C172+1
 DISCCART 406788.374130817 3758724.42251405 393.80 1.50
 ** receptor =B173+1 property boundary receptor: =C173+1
 DISCCART 406768.138828914 3758709.73550355 388.10 1.50
 ** receptor =B174+1 property boundary receptor: =C174+1
 DISCCART 406747.911772856 3758695.04849305 383.30 1.50
 ** receptor =B175+1 property boundary receptor: =C175+1
 DISCCART 406730.010044889 3758678.56184885 380.60 1.50
 ** receptor =B176+1 property boundary receptor: =C176+1
 DISCCART 406717.971112217 3758656.65630766 379.90 1.50
 ** receptor =B177+1 property boundary receptor: =C177+1
 DISCCART 406705.932179545 3758634.74076851 377.20 1.50
 ** receptor =B178+1 property boundary receptor: =C178+1
 DISCCART 406693.885001028 3758612.83522732 370.10 1.50
 ** receptor =B179+1 property boundary receptor: =C179+1
 DISCCART 406681.846068356 3758590.92968613 364.80 1.50
 ** receptor =B180+1 property boundary receptor: =C180+1
 DISCCART 406667.506545125 3758575.57281197 360.80 1.50
 ** receptor =B181+1 property boundary receptor: =C181+1
 DISCCART 406646.562100613 3758589.22003412 360.80 1.50
 ** receptor =B182+1 property boundary receptor: =C182+1
 DISCCART 406625.617656101 3758602.87725423 364.10 1.50
 ** receptor =B183+1 property boundary receptor: =C183+1
 DISCCART 406625.493968437 3758621.57344868 365.50 1.50
 ** receptor =B184+1 property boundary receptor: =C184+1
 DISCCART 406639.083119837 3758642.55917709 365.90 1.50
 ** receptor =B185+1 property boundary receptor: =C185+1
 DISCCART 406652.672271237 3758663.54490551 370.00 1.50
 ** receptor =B186+1 property boundary receptor: =C186+1
 DISCCART 406666.261422637 3758684.53063393 373.30 1.50
 ** receptor =B187+1 property boundary receptor: =C187+1
 DISCCART 406679.850574036 3758705.51636234 379.60 1.50
 ** receptor =B188+1 property boundary receptor: =C188+1
 DISCCART 406693.439725436 3758726.50209076 382.10 1.50
 ** receptor =B189+1 property boundary receptor: =C189+1
 DISCCART 406707.028876836 3758747.47782121 383.70 1.50
 ** receptor =B190+1 property boundary receptor: =C190+1
 DISCCART 406720.799436811 3758767.88366766 383.80 1.50
 ** receptor =B191+1 property boundary receptor: =C191+1
 DISCCART 406700.250792825 3758782.11077177 390.20 1.50
 ** receptor =B192+1 property boundary receptor: =C192+1
 DISCCART 406681.672905626 3758797.34767034 393.50 1.50
 ** receptor =B193+1 property boundary receptor: =C193+1
 DISCCART 406695.591890798 3758818.11344353 393.70 1.50
 ** receptor =B194+1 property boundary receptor: =C194+1
 DISCCART 406709.510875969 3758838.87921672 397.30 1.50
 ** receptor =B195+1 property boundary receptor: =C195+1
 DISCCART 406723.429861141 3758859.6449899 399.20 1.50
 ** receptor =B196+1 property boundary receptor: =C196+1
 DISCCART 406737.340600469 3758880.41076309 401.00 1.50
 ** receptor =B197+1 property boundary receptor: =C197+1
 DISCCART 406756.833776384 3758895.6076698 402.70 1.50
 ** receptor =B198+1 property boundary receptor: =C198+1
 DISCCART 406778.272971554 3758908.46505272 407.20 1.50
 ** receptor =B199+1 property boundary receptor: =C199+1
 DISCCART 406799.712166724 3758921.32243564 414.50 1.50
 ** receptor =B200+1 property boundary receptor: =C200+1
 DISCCART 406821.151361894 3758934.17981856 416.40 1.50
 ** receptor =B201+1 property boundary receptor: =C201+1
 DISCCART 406830.97216245 3758956.33530887 419.00 1.50
 ** receptor =B202+1 property boundary receptor: =C202+1
 DISCCART 406839.745740781 3758979.75054277 420.50 1.50
 ** receptor =B203+1 property boundary receptor: =C203+1
 DISCCART 406848.519319112 3759003.1557787 430.30 1.50
 ** receptor =B204+1 property boundary receptor: =C204+1
 DISCCART 406844.091300725 3759021.77198942 440.10 1.50
 ** receptor =B205+1 property boundary receptor: =C205+1
 DISCCART 406823.361248165 3759035.73914645 457.90 1.50
 ** receptor =B206+1 property boundary receptor: =C206+1
 DISCCART 406802.62294976 3759049.70630347 460.60 1.50
 ** receptor =B207+1 property boundary receptor: =C207+1
 DISCCART 406781.884651356 3759063.6734605 461.40 1.50

Appendix B

NOx Annual Emissions Mitigated

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** receptor =B208+1 property boundary receptor: =C208+1
DISCCART 406761.154598795 3759077.63061956 462.50 1.50
** receptor =B209+1 property boundary receptor: =C209+1
DISCCART 406740.416300391 3759091.59777659 445.50 1.50
** receptor =B210+1 property boundary receptor: =C210+1
DISCCART 406747.507726486 3759112.46352942 447.40 1.50
** receptor =B211+1 property boundary receptor: =C211+1
DISCCART 406760.231064234 3759133.97914998 450.90 1.50
** receptor =B212+1 property boundary receptor: =C212+1
DISCCART 406747.763347659 3759149.98589185 441.40 1.50
** receptor =B213+1 property boundary receptor: =C213+1
DISCCART 406732.228177005 3759166.43254418 436.20 1.50
** receptor =B214+1 property boundary receptor: =C214+1
DISCCART 406714.664528654 3759177.07037888 439.50 1.50
** receptor =B215+1 property boundary receptor: =C215+1
DISCCART 406693.579904789 3759190.50764377 445.20 1.50
** receptor =B216+1 property boundary receptor: =C216+1
DISCCART 406672.503526769 3759203.94490865 448.10 1.50
** receptor =B217+1 property boundary receptor: =C217+1
DISCCART 406651.418902904 3759217.37217557 452.50 1.50
** receptor =B218+1 property boundary receptor: =C218+1
DISCCART 406630.334279039 3759230.80944045 453.90 1.50
** receptor =B219+1 property boundary receptor: =C219+1
DISCCART 406609.249655174 3759244.24670534 454.70 1.50
** receptor =B220+1 property boundary receptor: =C220+1
DISCCART 406588.165031309 3759257.67397226 455.40 1.50
** receptor =B221+1 property boundary receptor: =C221+1
DISCCART 406567.080407444 3759271.11123714 453.50 1.50
** receptor =B222+1 property boundary receptor: =C222+1
DISCCART 406545.995783579 3759284.54850202 454.90 1.50
** receptor =B223+1 property boundary receptor: =C223+1
DISCCART 406524.911159714 3759297.97576894 456.00 1.50
** receptor =B224+1 property boundary receptor: =C224+1
DISCCART 406503.826535849 3759311.41303383 454.70 1.50
** receptor =B225+1 property boundary receptor: =C225+1
DISCCART 406482.750157828 3759324.85029871 455.30 1.50
** receptor =B226+1 property boundary receptor: =C226+1
DISCCART 406461.665533963 3759338.28756359 456.70 1.50
** receptor =B227+1 property boundary receptor: =C227+1
DISCCART 406440.580910098 3759351.71483051 457.40 1.50
** receptor =B228+1 property boundary receptor: =C228+1
DISCCART 406419.496286233 3759365.15209539 459.20 1.50
** receptor =B229+1 property boundary receptor: =C229+1
DISCCART 406398.411662368 3759378.58936028 466.20 1.50
** receptor =B230+1 property boundary receptor: =C230+1
DISCCART 406377.021942264 3759392.30656818 476.50 1.50
** receptor =B231+1 property boundary receptor: =C231+1
DISCCART 406375.644886267 3759417.26148868 478.20 1.50
** receptor =B232+1 property boundary receptor: =C232+1
DISCCART 406374.267830269 3759442.22640714 485.00 1.50
** receptor =B233+1 property boundary receptor: =C233+1
DISCCART 406372.890774272 3759467.1913256 487.80 1.50
** receptor =B234+1 property boundary receptor: =C234+1
DISCCART 406351.525791701 3759469.48085958 504.40 1.50
** receptor =B235+1 property boundary receptor: =C235+1
DISCCART 406326.540883484 3759468.72101424 513.00 1.50
** receptor =B236+1 property boundary receptor: =C236+1
DISCCART 406301.547729422 3759467.96116891 518.20 1.50
** receptor =B237+1 property boundary receptor: =C237+1
DISCCART 406276.562821205 3759467.20132357 513.80 1.50
** receptor =B238+1 property boundary receptor: =C238+1
DISCCART 406251.569667144 3759466.4514762 508.90 1.50
** receptor =B239+1 property boundary receptor: =C239+1
DISCCART 406226.584758927 3759465.69163086 506.90 1.50
** receptor =B240+1 property boundary receptor: =C240+1
DISCCART 406201.591604866 3759464.93178553 499.20 1.50
** receptor =B241+1 property boundary receptor: =C241+1
DISCCART 406176.606696648 3759464.17194019 472.60 1.50
** receptor =B242+1 property boundary receptor: =C242+1
DISCCART 406171.354093832 3759484.43781513 453.00 1.50
** receptor =B243+1 property boundary receptor: =C243+1
DISCCART 406171.634452538 3759509.43272749 441.20 1.50
** receptor =B244+1 property boundary receptor: =C244+1
DISCCART 406171.9065654 3759534.43763781 445.70 1.50
** receptor =B245+1 property boundary receptor: =C245+1
DISCCART 406172.186924106 3759559.43255017 456.90 1.50

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Appendix B

NOx Annual Emissions Mitigated

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** receptor =B246+1 property boundary receptor: =C246+1
DISCCART 406172.459036968 3759584.42746253 473.00 1.50
** receptor =B247+1 property boundary receptor: =C247+1
DISCCART 406172.739395674 3759609.43237285 488.60 1.50
** receptor =B248+1 property boundary receptor: =C248+1
DISCCART 406173.01975438 3759634.42728521 502.60 1.50
** receptor =B249+1 property boundary receptor: =C249+1
DISCCART 406173.291867242 3759659.43219553 508.70 1.50
** receptor =B250+1 property boundary receptor: =C250+1
DISCCART 406173.572225948 3759684.42710789 530.50 1.50
** receptor =B251+1 property boundary receptor: =C251+1
DISCCART 406173.844338809 3759709.42202025 531.00 1.50
** receptor =B252+1 property boundary receptor: =C252+1
DISCCART 406174.124697515 3759734.42693057 523.50 1.50
** receptor =B253+1 property boundary receptor: =C253+1
DISCCART 406174.396810377 3759759.42184293 541.40 1.50
** receptor =B254+1 property boundary receptor: =C254+1
DISCCART 406174.677169083 3759784.41675529 537.90 1.50
** receptor =B255+1 property boundary receptor: =C255+1
DISCCART 406174.957527789 3759809.42166561 527.00 1.50
** receptor =B256+1 property boundary receptor: =C256+1
DISCCART 406175.229640651 3759834.41657797 529.00 1.50
** receptor =B257+1 property boundary receptor: =C257+1
DISCCART 406175.509999357 3759859.41149032 518.70 1.50
** receptor =B258+1 property boundary receptor: =C258+1
DISCCART 406152.330931041 3759859.62144759 499.60 1.50
** receptor =B259+1 property boundary receptor: =C259+1
DISCCART 406127.346022824 3759858.88159818 492.00 1.50
** receptor =B260+1 property boundary receptor: =C260+1
DISCCART 406102.352868763 3759858.14174878 497.80 1.50
** receptor =B261+1 property boundary receptor: =C261+1
DISCCART 406077.367960546 3759857.39190141 548.20 1.50
** receptor =B262+1 property boundary receptor: =C262+1
DISCCART 406052.374806484 3759856.652052 603.20 1.50
** receptor =B263+1 property boundary receptor: =C263+1
DISCCART 406041.308883439 3759870.99913169 598.20 1.50
** receptor =B264+1 property boundary receptor: =C264+1
DISCCART 406041.572750456 3759895.99404405 595.60 1.50
** receptor =B265+1 property boundary receptor: =C265+1
DISCCART 406041.844863318 3759920.98895641 593.00 1.50
** receptor =B266+1 property boundary receptor: =C266+1
DISCCART 406042.108730336 3759945.99386673 652.50 1.50
** receptor =B267+1 property boundary receptor: =C267+1
DISCCART 406042.380843197 3759970.98877909 690.00 1.50
** receptor =B268+1 property boundary receptor: =C268+1
DISCCART 406067.349259726 3759972.61844738 677.10 1.50
** receptor =B269+1 property boundary receptor: =C269+1
DISCCART 406092.334167943 3759973.38829068 646.60 1.50
** receptor =B270+1 property boundary receptor: =C270+1
DISCCART 406117.327322004 3759974.15813398 595.70 1.50
** receptor =B271+1 property boundary receptor: =C271+1
DISCCART 406142.312230221 3759974.91797931 550.00 1.50
** receptor =B272+1 property boundary receptor: =C272+1
DISCCART 406167.305384283 3759975.68782261 501.80 1.50
** receptor =B273+1 property boundary receptor: =C273+1
DISCCART 406187.153131503 3759980.63681526 507.00 1.50
** receptor =B274+1 property boundary receptor: =C274+1
DISCCART 406187.425244365 3760005.64172558 508.40 1.50
** receptor =B275+1 property boundary receptor: =C275+1
DISCCART 406187.697357227 3760030.63663794 512.70 1.50
** receptor =B276+1 property boundary receptor: =C276+1
DISCCART 406187.969470088 3760055.64154826 522.30 1.50
** receptor =B277+1 property boundary receptor: =C277+1
DISCCART 406188.24158295 3760080.63646062 553.60 1.50
** receptor =B278+1 property boundary receptor: =C278+1
DISCCART 406188.505449968 3760105.63137298 605.90 1.50
** receptor =B279+1 property boundary receptor: =C279+1
DISCCART 406188.777562829 3760130.6362833 606.30 1.50
** receptor =B280+1 property boundary receptor: =C280+1
DISCCART 406189.049675691 3760155.63119566 582.80 1.50
** receptor =B281+1 property boundary receptor: =C281+1
DISCCART 406189.321788553 3760180.62610802 621.80 1.50
** receptor =B282+1 property boundary receptor: =C282+1
DISCCART 406189.593901415 3760205.63101834 668.30 1.50
** receptor =B283+1 property boundary receptor: =C283+1
DISCCART 406189.866014277 3760230.6259307 703.70 1.50

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Appendix B

NOx Annual Emissions Mitigated

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** receptor =B284+1 property boundary receptor: =C284+1
DISCCART 406190.129881294 3760255.62084306 712.50 1.50
** receptor =B285+1 property boundary receptor: =C285+1
DISCCART 406198.210808704 3760273.80714129 709.80 1.50
** receptor =B286+1 property boundary receptor: =C286+1
DISCCART 406223.203962765 3760274.55698866 728.30 1.50
** receptor =B287+1 property boundary receptor: =C287+1
DISCCART 406248.188870983 3760275.29683806 727.10 1.50
** receptor =B288+1 property boundary receptor: =C288+1
DISCCART 406270.568092402 3760282.11545016 720.90 1.50
** receptor =B289+1 property boundary receptor: =C289+1
DISCCART 406289.73968039 3760298.15218592 719.10 1.50
** receptor =B290+1 property boundary receptor: =C290+1
DISCCART 406308.911268379 3760314.19891966 751.70 1.50
** receptor =B291+1 property boundary receptor: =C291+1
DISCCART 406328.082856367 3760330.24565339 769.70 1.50
** receptor =B292+1 property boundary receptor: =C292+1
DISCCART 406347.2626902 3760346.28238916 786.20 1.50
** receptor =B293+1 property boundary receptor: =C293+1
DISCCART 406366.434278188 3760362.32912289 784.80 1.50
** receptor =B294+1 property boundary receptor: =C294+1
DISCCART 406385.605866176 3760378.37585663 759.90 1.50
** receptor =B295+1 property boundary receptor: =C295+1
DISCCART 406404.777454164 3760394.42259036 763.00 1.50
** receptor =B296+1 property boundary receptor: =C296+1
DISCCART 406423.949042153 3760410.45932613 759.20 1.50
** receptor =B297+1 property boundary receptor: =C297+1
DISCCART 406438.560678245 3760430.58522956 791.50 1.50
** receptor =B298+1 property boundary receptor: =C298+1
DISCCART 406453.114593428 3760450.91109229 824.10 1.50
** receptor =B299+1 property boundary receptor: =C299+1
DISCCART 406464.510350245 3760468.4475228 845.30 1.50
** receptor =B300+1 property boundary receptor: =C300+1
DISCCART 406439.665621381 3760465.62809669 847.40 1.50
** receptor =B301+1 property boundary receptor: =C301+1
DISCCART 406414.829138361 3760462.81866854 851.20 1.50
** receptor =B302+1 property boundary receptor: =C302+1
DISCCART 406390.322489114 3760458.31958431 852.80 1.50
** receptor =B303+1 property boundary receptor: =C303+1
DISCCART 406365.972510907 3760452.67073412 847.20 1.50
** receptor =B304+1 property boundary receptor: =C304+1
DISCCART 406354.469558114 3760461.64890664 846.20 1.50
** receptor =B305+1 property boundary receptor: =C305+1
DISCCART 406362.261880974 3760484.3042952 797.40 1.50
** receptor =B306+1 property boundary receptor: =C306+1
DISCCART 406383.824763808 3760496.95172085 792.40 1.50
** receptor =B307+1 property boundary receptor: =C307+1
DISCCART 406405.214483912 3760509.6291404 793.10 1.50
** receptor =B308+1 property boundary receptor: =C308+1
DISCCART 406422.63795291 3760527.56548951 780.80 1.50
** receptor =B309+1 property boundary receptor: =C309+1
DISCCART 406440.053176063 3760545.50183862 786.30 1.50
** receptor =B310+1 property boundary receptor: =C310+1
DISCCART 406459.637056266 3760554.25005794 832.90 1.50
** receptor =B311+1 property boundary receptor: =C311+1
DISCCART 406482.214177949 3760543.50224563 862.30 1.50
** receptor =B312+1 property boundary receptor: =C312+1
DISCCART 406504.783053787 3760532.75443332 891.50 1.50
** receptor =B313+1 property boundary receptor: =C313+1
DISCCART 406527.351929625 3760522.006621 907.40 1.50
** receptor =B314+1 property boundary receptor: =C314+1
DISCCART 406549.920805464 3760511.24881072 919.80 1.50
** receptor =B315+1 property boundary receptor: =C315+1
DISCCART 406572.497927146 3760500.50099841 936.10 1.50
** receptor =B316+1 property boundary receptor: =C316+1
DISCCART 406596.617021712 3760494.71217671 948.10 1.50
** receptor =B317+1 property boundary receptor: =C317+1
DISCCART 406621.107179271 3760489.7231922 949.10 1.50
** receptor =B318+1 property boundary receptor: =C318+1
DISCCART 406645.011881886 3760486.75379661 977.60 1.50
** receptor =B319+1 property boundary receptor: =C319+1
DISCCART 406667.09425291 3760498.49140746 983.80 1.50
** receptor =B320+1 property boundary receptor: =C320+1
DISCCART 406684.064200472 3760513.01845052 969.70 1.50
** receptor =B321+1 property boundary receptor: =C321+1
DISCCART 406685.72986102 3760537.96337305 951.70 1.50

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Appendix B

NOx Annual Emissions Mitigated

** receptor =B322+1 property boundary receptor: =C322+1
DISCCART 406687.395521567 3760562.90829558 941.20 1.50
** receptor =B323+1 property boundary receptor: =C323+1
DISCCART 406689.061182115 3760587.85321812 928.10 1.50
** receptor =B324+1 property boundary receptor: =C324+1
DISCCART 406690.726842663 3760612.79814065 906.30 1.50
** receptor =B325+1 property boundary receptor: =C325+1
DISCCART 406692.392503211 3760637.74306318 901.10 1.50
** receptor =B326+1 property boundary receptor: =C326+1
DISCCART 406694.058163759 3760662.68798572 914.40 1.50
** receptor =B327+1 property boundary receptor: =C327+1
DISCCART 406695.723824306 3760687.63290825 926.90 1.50
** receptor =B328+1 property boundary receptor: =C328+1
DISCCART 406694.016934537 3760710.82818692 929.80 1.50
** receptor =B329+1 property boundary receptor: =C329+1
DISCCART 406675.661685134 3760727.79473343 928.30 1.50
** receptor =B330+1 property boundary receptor: =C330+1
DISCCART 406657.306435731 3760744.7712779 929.00 1.50
** receptor =B331+1 property boundary receptor: =C331+1
DISCCART 406638.942940484 3760761.74782237 917.90 1.50
** receptor =B332+1 property boundary receptor: =C332+1
DISCCART 406620.587691081 3760778.71436888 909.20 1.50
** receptor =B333+1 property boundary receptor: =C333+1
DISCCART 406600.105013849 3760790.50196955 910.30 1.50
** receptor =B334+1 property boundary receptor: =C334+1
DISCCART 406575.309760051 3760793.6813224 913.60 1.50
** receptor =B335+1 property boundary receptor: =C335+1
DISCCART 406550.514506253 3760796.86067525 911.30 1.50
** receptor =B336+1 property boundary receptor: =C336+1
DISCCART 406525.719252455 3760800.04002811 910.10 1.50
** receptor =B337+1 property boundary receptor: =C337+1
DISCCART 406500.915752812 3760803.20938299 907.50 1.50
** receptor =B338+1 property boundary receptor: =C338+1
DISCCART 406478.025289046 3760812.0775779 899.10 1.50
** receptor =B339+1 property boundary receptor: =C339+1
DISCCART 406457.196286355 3760825.90476341 893.60 1.50
** receptor =B340+1 property boundary receptor: =C340+1
DISCCART 406436.367283663 3760839.72195097 890.60 1.50
** receptor =B341+1 property boundary receptor: =C341+1
DISCCART 406415.538280971 3760853.54913648 882.30 1.50
** receptor =B342+1 property boundary receptor: =C342+1
DISCCART 406392.268508367 3760856.24858702 870.50 1.50
** receptor =B343+1 property boundary receptor: =C343+1
DISCCART 406367.399041971 3760853.71910189 870.50 1.50
** receptor =B344+1 property boundary receptor: =C344+1
DISCCART 406342.521329729 3760851.17961879 866.50 1.50
** receptor =B345+1 property boundary receptor: =C345+1
DISCCART 406317.651863332 3760848.65013366 865.10 1.50
** receptor =B346+1 property boundary receptor: =C346+1
DISCCART 406292.782396936 3760846.11065056 864.20 1.50
** receptor =B347+1 property boundary receptor: =C347+1
DISCCART 406267.912930539 3760843.58116543 872.50 1.50
** receptor =B348+1 property boundary receptor: =C348+1
DISCCART 406244.090686367 3760836.56259404 883.10 1.50
** receptor =B349+1 property boundary receptor: =C349+1
DISCCART 406220.33440895 3760828.76418139 884.50 1.50
** receptor =B350+1 property boundary receptor: =C350+1
DISCCART 406196.586377378 3760820.96576873 881.50 1.50
** receptor =B351+1 property boundary receptor: =C351+1
DISCCART 406172.830099961 3760813.15735811 870.50 1.50
** receptor =B352+1 property boundary receptor: =C352+1
DISCCART 406149.082068388 3760805.35894546 867.20 1.50
** receptor =B353+1 property boundary receptor: =C353+1
DISCCART 406125.334036816 3760797.5605328 863.20 1.50
** receptor =B354+1 property boundary receptor: =C354+1
DISCCART 406105.593485571 3760782.55358742 862.70 1.50
** receptor =B355+1 property boundary receptor: =C355+1
DISCCART 406085.877671859 3760767.17671734 840.90 1.50
** receptor =B356+1 property boundary receptor: =C356+1
DISCCART 406083.428656103 3760744.02143053 840.90 1.50
** receptor =B357+1 property boundary receptor: =C357+1
DISCCART 406083.931652605 3760719.02651817 838.00 1.50
** receptor =B358+1 property boundary receptor: =C358+1
DISCCART 406084.442894952 3760694.03160581 824.10 1.50
** receptor =B359+1 property boundary receptor: =C359+1
DISCCART 406073.797509965 3760679.39458514 814.50 1.50

Appendix B

NOx Annual Emissions Mitigated

** receptor =B360+1 property boundary receptor: =C360+1
DISCCART 406048.812601748 3760680.15443047 809.20 1.50
** receptor =B361+1 property boundary receptor: =C361+1
DISCCART 406023.827693531 3760680.90427784 763.80 1.50
** receptor =B362+1 property boundary receptor: =C362+1
DISCCART 405998.83453947 3760681.65412521 703.40 1.50
** receptor =B363+1 property boundary receptor: =C363+1
DISCCART 405973.849631253 3760682.40397258 653.30 1.50
** receptor =B364+1 property boundary receptor: =C364+1
DISCCART 405948.856477192 3760683.16381792 647.20 1.50
** receptor =B365+1 property boundary receptor: =C365+1
DISCCART 405923.871568975 3760683.91366529 645.10 1.50
** receptor =B366+1 property boundary receptor: =C366+1
DISCCART 405898.878414913 3760684.66351266 605.30 1.50
** receptor =B367+1 property boundary receptor: =C367+1
DISCCART 405873.893506696 3760685.41336003 562.00 1.50
** receptor =B368+1 property boundary receptor: =C368+1
DISCCART 405848.900352635 3760686.1632074 537.10 1.50
** receptor =B369+1 property boundary receptor: =C369+1
DISCCART 405823.915444418 3760686.92305274 526.20 1.50
** receptor =B370+1 property boundary receptor: =C370+1
DISCCART 405798.922290357 3760687.67290011 521.50 1.50
** receptor =B371+1 property boundary receptor: =C371+1
DISCCART 405774.473362019 3760683.82368361 524.60 1.50
** receptor =B372+1 property boundary receptor: =C372+1
DISCCART 405749.554420556 3760682.28399701 542.50 1.50
** receptor =B373+1 property boundary receptor: =C373+1
DISCCART 405724.55302065 3760682.50395223 549.20 1.50
** receptor =B374+1 property boundary receptor: =C374+1
DISCCART 405699.559866589 3760682.73390543 534.70 1.50
** receptor =B375+1 property boundary receptor: =C375+1
DISCCART 405674.558466684 3760682.96385862 544.60 1.50
** receptor =B376+1 property boundary receptor: =C376+1
DISCCART 405649.557066778 3760683.19381182 556.20 1.50
** receptor =B377+1 property boundary receptor: =C377+1
DISCCART 405632.100614403 3760691.55211051 570.10 1.50
** receptor =B378+1 property boundary receptor: =C378+1
DISCCART 405632.809757013 3760716.54702287 587.70 1.50
** receptor =B379+1 property boundary receptor: =C379+1
DISCCART 405633.518899622 3760741.53193726 599.40 1.50
** receptor =B380+1 property boundary receptor: =C380+1
DISCCART 405634.219796387 3760766.52684962 603.30 1.50
** receptor =B381+1 property boundary receptor: =C381+1
DISCCART 405634.928938997 3760791.51176401 603.50 1.50
** receptor =B382+1 property boundary receptor: =C382+1
DISCCART 405635.638081606 3760816.50667637 604.70 1.50
** receptor =B383+1 property boundary receptor: =C383+1
DISCCART 405636.338978371 3760841.49159076 614.60 1.50
** receptor =B384+1 property boundary receptor: =C384+1
DISCCART 405637.048120981 3760866.48650312 632.00 1.50
** receptor =B385+1 property boundary receptor: =C385+1
DISCCART 405637.75726359 3760891.47141751 654.90 1.50
** receptor =B386+1 property boundary receptor: =C386+1
DISCCART 405638.458160355 3760916.46632987 658.40 1.50
** receptor =B387+1 property boundary receptor: =C387+1
DISCCART 405639.167302965 3760941.45124426 655.80 1.50
** receptor =B388+1 property boundary receptor: =C388+1
DISCCART 405639.876445574 3760966.44615662 659.10 1.50
** receptor =B389+1 property boundary receptor: =C389+1
DISCCART 405644.081826165 3760990.87118498 670.50 1.50
** receptor =B390+1 property boundary receptor: =C390+1
DISCCART 405653.317171777 3761014.1064555 681.40 1.50
** receptor =B391+1 property boundary receptor: =C391+1
DISCCART 405653.762447369 3761038.93140246 695.60 1.50
** receptor =B392+1 property boundary receptor: =C392+1
DISCCART 405654.150002051 3761063.92631482 706.90 1.50
** receptor =B393+1 property boundary receptor: =C393+1
DISCCART 405654.537556733 3761088.92122717 718.70 1.50
** receptor =B394+1 property boundary receptor: =C394+1
DISCCART 405672.802101848 3761096.21974158 721.60 1.50
** receptor =B395+1 property boundary receptor: =C395+1
DISCCART 405697.79525591 3761095.61986368 723.70 1.50
** receptor =B396+1 property boundary receptor: =C396+1
DISCCART 405722.788409971 3761095.01998579 721.30 1.50
** receptor =B397+1 property boundary receptor: =C397+1
DISCCART 405747.781564032 3761094.42010789 720.30 1.50

Appendix B

NOx Annual Emissions Mitigated

** receptor =B398+1 property boundary receptor: =C398+1
 DISCCART 405772.766472249 3761093.82023 722.60 1.50
 ** receptor =B399+1 property boundary receptor: =C399+1
 DISCCART 405797.759626311 3761093.2203521 726.10 1.50
 ** receptor =B400+1 property boundary receptor: =C400+1
 DISCCART 405822.752780372 3761092.6204742 711.70 1.50
 ** receptor =B401+1 property boundary receptor: =C401+1
 DISCCART 405847.745934433 3761092.02059631 659.40 1.50
 ** receptor =B402+1 property boundary receptor: =C402+1
 DISCCART 405872.739088495 3761091.42071841 677.30 1.50
 ** receptor =B403+1 property boundary receptor: =C403+1
 DISCCART 405897.732242556 3761090.82084051 700.10 1.50
 ** receptor =B404+1 property boundary receptor: =C404+1
 DISCCART 405922.725396617 3761090.22096262 713.40 1.50
 ** receptor =B405+1 property boundary receptor: =C405+1
 DISCCART 405947.718550679 3761089.62108472 723.90 1.50
 ** receptor =B406+1 property boundary receptor: =C406+1
 DISCCART 405972.71170474 3761089.02120682 715.50 1.50
 ** receptor =B407+1 property boundary receptor: =C407+1
 DISCCART 405997.704858801 3761088.41133096 696.70 1.50
 ** receptor =B408+1 property boundary receptor: =C408+1
 DISCCART 406022.698012863 3761087.81145306 682.90 1.50
 ** receptor =B409+1 property boundary receptor: =C409+1
 DISCCART 406047.691166924 3761087.21157517 744.00 1.50
 ** receptor =B410+1 property boundary receptor: =C410+1
 DISCCART 406072.684320985 3761086.61169727 811.20 1.50
 ** receptor =B411+1 property boundary receptor: =C411+1
 DISCCART 406097.677475047 3761086.01181937 811.30 1.50
 ** receptor =B412+1 property boundary receptor: =C412+1
 DISCCART 406122.670629108 3761085.41194148 766.50 1.50
 ** receptor =B413+1 property boundary receptor: =C413+1
 DISCCART 406147.663783169 3761084.81206358 718.20 1.50
 ** receptor =B414+1 property boundary receptor: =C414+1
 DISCCART 406172.656937231 3761084.21218569 736.20 1.50
 ** receptor =B415+1 property boundary receptor: =C415+1
 DISCCART 406197.650091292 3761083.61230779 747.10 1.50
 ** receptor =B416+1 property boundary receptor: =C416+1
 DISCCART 406222.643245353 3761083.01242989 735.90 1.50
 ** receptor =B417+1 property boundary receptor: =C417+1
 DISCCART 406247.636399415 3761082.412552 692.90 1.50
 ** receptor =B418+1 property boundary receptor: =C418+1
 DISCCART 406272.629553476 3761081.8126741 695.00 1.50
 ** receptor =B419+1 property boundary receptor: =C419+1
 DISCCART 406297.622707537 3761081.2127962 717.30 1.50
 ** receptor =B420+1 property boundary receptor: =C420+1
 DISCCART 406322.607615754 3761080.61291831 750.80 1.50
 ** receptor =B421+1 property boundary receptor: =C421+1
 DISCCART 406347.600769816 3761080.01304041 702.40 1.50
 ** receptor =B422+1 property boundary receptor: =C422+1
 DISCCART 406372.593923877 3761079.41316251 706.20 1.50
 ** receptor =B423+1 property boundary receptor: =C423+1
 DISCCART 406397.587077938 3761078.81328462 717.80 1.50
 ** receptor =B424+1 property boundary receptor: =C424+1
 DISCCART 406422.580232 3761078.20340875 743.10 1.50
 ** receptor =B425+1 property boundary receptor: =C425+1
 DISCCART 406447.573386061 3761077.60353086 744.20 1.50
 ** receptor =B426+1 property boundary receptor: =C426+1
 DISCCART 406472.566540122 3761077.00365296 689.30 1.50
 ** receptor =B427+1 property boundary receptor: =C427+1
 DISCCART 406497.559694184 3761076.40377506 682.70 1.50
 ** receptor =B428+1 property boundary receptor: =C428+1
 DISCCART 406522.552848245 3761075.80389717 733.00 1.50
 ** receptor =B429+1 property boundary receptor: =C429+1
 DISCCART 406547.546002306 3761075.20401927 766.50 1.50
 ** receptor =B430+1 property boundary receptor: =C430+1
 DISCCART 406572.539156368 3761074.60414137 774.40 1.50
 ** receptor =B431+1 property boundary receptor: =C431+1
 DISCCART 406597.532310429 3761074.00426348 764.30 1.50
 ** receptor =B432+1 property boundary receptor: =C432+1
 DISCCART 406622.52546449 3761073.40438558 788.10 1.50
 ** receptor =B433+1 property boundary receptor: =C433+1
 DISCCART 406647.518618552 3761072.80450769 778.40 1.50
 ** receptor =B434+1 property boundary receptor: =C434+1
 DISCCART 406672.511772613 3761072.20462979 755.40 1.50
 ** receptor =B435+1 property boundary receptor: =C435+1
 DISCCART 406697.504926674 3761071.60475189 797.00 1.50

Appendix B

NOx Annual Emissions Mitigated

** receptor =B436+1 property boundary receptor: =C436+1
 DISCCART 406722.498080736 3761071.00487399 811.80 1.50
 ** receptor =B437+1 property boundary receptor: =C437+1
 DISCCART 406747.491234797 3761070.4049961 768.50 1.50
 ** receptor =B438+1 property boundary receptor: =C438+1
 DISCCART 406772.484388858 3761069.8051182 740.50 1.50
 ** receptor =B439+1 property boundary receptor: =C439+1
 DISCCART 406797.47754292 3761069.20524031 786.40 1.50
 ** receptor =B440+1 property boundary receptor: =C440+1
 DISCCART 406822.470696981 3761068.60536241 834.10 1.50
 ** receptor =B441+1 property boundary receptor: =C441+1
 DISCCART 406847.463851042 3761068.00548451 852.90 1.50
 ** receptor =B442+1 property boundary receptor: =C442+1
 DISCCART 406872.457005104 3761067.39560865 857.90 1.50
 ** receptor =B443+1 property boundary receptor: =C443+1
 DISCCART 406897.441913321 3761066.79573075 846.20 1.50
 ** receptor =B444+1 property boundary receptor: =C444+1
 DISCCART 406922.435067382 3761066.19585286 825.30 1.50
 ** receptor =B445+1 property boundary receptor: =C445+1
 DISCCART 406947.428221443 3761065.59597496 792.50 1.50
 ** receptor =B446+1 property boundary receptor: =C446+1
 DISCCART 406972.421375505 3761064.99609706 774.10 1.50
 ** receptor =B447+1 property boundary receptor: =C447+1
 DISCCART 406997.414529566 3761064.39621917 781.90 1.50
 ** receptor =B448+1 property boundary receptor: =C448+1
 DISCCART 407021.129577761 3761061.73676049 827.00 1.50
 ** receptor =B449+1 property boundary receptor: =C449+1
 DISCCART 407020.313239176 3761036.7518461 788.80 1.50
 ** receptor =B450+1 property boundary receptor: =C450+1
 DISCCART 407019.496900591 3761011.76693171 840.40 1.50
 ** receptor =B451+1 property boundary receptor: =C451+1
 DISCCART 407018.672316161 3760986.78201732 894.40 1.50
 ** receptor =B452+1 property boundary receptor: =C452+1
 DISCCART 407017.855977576 3760961.78710496 947.50 1.50
 ** receptor =B453+1 property boundary receptor: =C453+1
 DISCCART 407017.039638991 3760936.80219056 989.40 1.50
 ** receptor =B454+1 property boundary receptor: =C454+1
 DISCCART 407016.215054561 3760911.81727617 1033.70 1.50
 ** receptor =B455+1 property boundary receptor: =C455+1
 DISCCART 407015.398715976 3760886.83236178 1047.60 1.50
 ** receptor =B456+1 property boundary receptor: =C456+1
 DISCCART 407014.58237739 3760861.84744738 1031.60 1.50
 ** receptor =B457+1 property boundary receptor: =C457+1
 DISCCART 407013.757792961 3760836.86253299 1013.10 1.50
 ** receptor =B458+1 property boundary receptor: =C458+1
 DISCCART 407012.941454375 3760811.86762063 1004.00 1.50
 ** receptor =B459+1 property boundary receptor: =C459+1
 DISCCART 407012.12511579 3760786.88270624 991.50 1.50
 ** receptor =B460+1 property boundary receptor: =C460+1
 DISCCART 407011.30053136 3760761.89779185 965.40 1.50
 ** receptor =B461+1 property boundary receptor: =C461+1
 DISCCART 407010.484192775 3760736.91287745 929.60 1.50
 ** receptor =B462+1 property boundary receptor: =C462+1
 DISCCART 407009.66785419 3760711.92796306 891.10 1.50
 ** receptor =B463+1 property boundary receptor: =C463+1
 DISCCART 407008.84326976 3760686.94304867 843.80 1.50
 ** receptor =B464+1 property boundary receptor: =C464+1
 DISCCART 407008.026931175 3760661.94813631 807.10 1.50
 ** receptor =B465+1 property boundary receptor: =C465+1
 DISCCART 407031.923387945 3760661.55821568 770.20 1.50
 ** receptor =B466+1 property boundary receptor: =C466+1
 DISCCART 407056.92478785 3760661.34825841 710.10 1.50
 ** receptor =B467+1 property boundary receptor: =C467+1
 DISCCART 407081.926187756 3760661.14829912 721.00 1.50
 ** receptor =B468+1 property boundary receptor: =C468+1
 DISCCART 407106.927587662 3760660.93834185 805.20 1.50
 ** receptor =B469+1 property boundary receptor: =C469+1
 DISCCART 407131.920741723 3760660.73838255 854.60 1.50
 ** receptor =B470+1 property boundary receptor: =C470+1
 DISCCART 407156.922141629 3760660.52842529 878.90 1.50
 ** receptor =B471+1 property boundary receptor: =C471+1
 DISCCART 407181.923541534 3760660.32846599 925.90 1.50
 ** receptor =B472+1 property boundary receptor: =C472+1
 DISCCART 407206.916695596 3760660.11850873 973.50 1.50
 ** receptor =B473+1 property boundary receptor: =C473+1
 DISCCART 407231.918095501 3760659.90855146 1011.30 1.50

Appendix B

NOx Annual Emissions Mitigated

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** receptor =B474+1 property boundary receptor: =C474+1
DISCCART 407256.919495407 3760659.70859216 1023.40 1.50
** receptor =B475+1 property boundary receptor: =C475+1
DISCCART 407281.920895313 3760659.4986349 1000.40 1.50
** receptor =B476+1 property boundary receptor: =C476+1
DISCCART 407306.914049374 3760659.2986756 962.40 1.50
** receptor =B477+1 property boundary receptor: =C477+1
DISCCART 407331.91544928 3760659.08871834 935.50 1.50
** receptor =B478+1 property boundary receptor: =C478+1
DISCCART 407356.916849185 3760658.88875904 958.90 1.50
** receptor =B479+1 property boundary receptor: =C479+1
DISCCART 407381.918249091 3760658.67880177 960.10 1.50
** receptor =B480+1 property boundary receptor: =C480+1
DISCCART 407406.911403152 3760658.47884248 955.30 1.50
** receptor =B481+1 property boundary receptor: =C481+1
DISCCART 407431.912803058 3760658.26888521 975.60 1.50
** receptor =B482+1 property boundary receptor: =C482+1
DISCCART 407456.914202963 3760658.06892591 989.10 1.50
** receptor =B483+1 property boundary receptor: =C483+1
DISCCART 407481.907357025 3760657.85896865 995.00 1.50
** receptor =B484+1 property boundary receptor: =C484+1
DISCCART 407506.90875693 3760657.64901139 964.70 1.50
** receptor =B485+1 property boundary receptor: =C485+1
DISCCART 407531.910156836 3760657.44905209 943.60 1.50
** receptor =B486+1 property boundary receptor: =C486+1
DISCCART 407556.911556741 3760657.23909482 0.00 1.50
** receptor =B487+1 property boundary receptor: =C487+1
DISCCART 407581.904710803 3760657.03913552 0.00 1.50
** receptor =B488+1 property boundary receptor: =C488+1
DISCCART 407606.906110708 3760656.82917826 0.00 1.50
** receptor =B489+1 property boundary receptor: =C489+1
DISCCART 407631.907510614 3760656.62921896 0.00 1.50
** receptor =B490+1 property boundary receptor: =C490+1
DISCCART 407656.90891052 3760656.4192617 0.00 1.50
** receptor =B491+1 property boundary receptor: =C491+1
DISCCART 407681.902064581 3760656.2193024 0.00 1.50
** receptor =B492+1 property boundary receptor: =C492+1
DISCCART 407706.903464487 3760656.00934513 0.00 1.50
** receptor =B493+1 property boundary receptor: =C493+1
DISCCART 407731.904864392 3760655.79938787 0.00 1.50
** receptor =B494+1 property boundary receptor: =C494+1
DISCCART 407756.898018454 3760655.59942857 0.00 1.50
** receptor =B495+1 property boundary receptor: =C495+1
DISCCART 407781.899418359 3760655.38947131 0.00 1.50
** receptor =B496+1 property boundary receptor: =C496+1
DISCCART 407806.900818265 3760655.18951201 0.00 1.50
** receptor =B497+1 property boundary receptor: =C497+1
DISCCART 407831.90221817 3760654.97955475 0.00 1.50
** receptor =B498+1 property boundary receptor: =C498+1
DISCCART 407856.895372232 3760654.77959545 0.00 1.50
** receptor =B499+1 property boundary receptor: =C499+1
DISCCART 407881.896772137 3760654.56963818 0.00 1.50
** receptor =B500+1 property boundary receptor: =C500+1
DISCCART 407906.898172043 3760654.36967888 0.00 1.50
** receptor =B501+1 property boundary receptor: =C501+1
DISCCART 407931.899571949 3760654.15972162 0.00 1.50
** receptor =B502+1 property boundary receptor: =C502+1
DISCCART 407956.89272601 3760653.95976232 0.00 1.50
** receptor =B503+1 property boundary receptor: =C503+1
DISCCART 407981.894125916 3760653.74980506 0.00 1.50
** receptor =B504+1 property boundary receptor: =C504+1
DISCCART 408006.895525821 3760653.53984779 0.00 1.50
** receptor =B505+1 property boundary receptor: =C505+1
DISCCART 408031.888679883 3760653.3398885 0.00 1.50
** receptor =B506+1 property boundary receptor: =C506+1
DISCCART 408056.890079788 3760653.12993123 0.00 1.50
** receptor =B507+1 property boundary receptor: =C507+1
DISCCART 408081.891479694 3760652.92997193 0.00 1.50
** receptor =B508+1 property boundary receptor: =C508+1
DISCCART 408106.892879599 3760652.72001467 0.00 1.50
** receptor =B509+1 property boundary receptor: =C509+1
DISCCART 408131.886033661 3760652.52005537 0.00 1.50
** receptor =B510+1 property boundary receptor: =C510+1
DISCCART 408156.887433566 3760652.31009811 0.00 1.50
** receptor =B511+1 property boundary receptor: =C511+1
DISCCART 408181.888833472 3760652.11013881 0.00 1.50

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Appendix B

NOx Annual Emissions Mitigated

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** receptor =B512+1 property boundary receptor: =C512+1
DISCCART 408206.890233378 3760651.90018154 0.00 1.50
** receptor =B513+1 property boundary receptor: =C513+1
DISCCART 408225.740233438 3760644.93159998 0.00 1.50
** receptor =B514+1 property boundary receptor: =C514+1
DISCCART 408224.940386542 3760619.93668762 0.00 1.50
** receptor =B515+1 property boundary receptor: =C515+1
DISCCART 408224.148785489 3760594.95177323 0.00 1.50
** receptor =B516+1 property boundary receptor: =C516+1
DISCCART 408223.348938593 3760569.96685883 0.00 1.50
** receptor =B517+1 property boundary receptor: =C517+1
DISCCART 408222.549091696 3760544.98194444 0.00 1.50
** receptor =B518+1 property boundary receptor: =C518+1
DISCCART 408221.749244799 3760519.98703208 0.00 1.50
** receptor =B519+1 property boundary receptor: =C519+1
DISCCART 408220.949397902 3760495.00211769 0.00 1.50
** receptor =B520+1 property boundary receptor: =C520+1
DISCCART 408220.149551006 3760470.0172033 0.00 1.50
** receptor =B521+1 property boundary receptor: =C521+1
DISCCART 408219.349704109 3760445.0322889 0.00 1.50
** receptor =B522+1 property boundary receptor: =C522+1
DISCCART 408218.549857212 3760420.03737655 0.00 1.50
** receptor =B523+1 property boundary receptor: =C523+1
DISCCART 408217.750010316 3760395.05246215 0.00 1.50
** receptor =B524+1 property boundary receptor: =C524+1
DISCCART 408216.950163419 3760370.06754776 0.00 1.50
** receptor =B525+1 property boundary receptor: =C525+1
DISCCART 408216.150316522 3760345.08263337 0.00 1.50
** receptor =B526+1 property boundary receptor: =C526+1
DISCCART 408215.350469625 3760320.09771897 0.00 1.50
** receptor =B527+1 property boundary receptor: =C527+1
DISCCART 408214.558868573 3760295.10280662 0.00 1.50
** receptor =B528+1 property boundary receptor: =C528+1
DISCCART 408213.759021676 3760270.11789223 0.00 1.50
** receptor =B529+1 property boundary receptor: =C529+1
DISCCART 408212.95917478 3760245.13297783 0.00 1.50
** receptor =B530+1 property boundary receptor: =C530+1
DISCCART 408212.159327883 3760220.14806344 0.00 1.50
** receptor =B531+1 property boundary receptor: =C531+1
DISCCART 408211.359480986 3760195.15315108 0.00 1.50
** receptor =B532+1 property boundary receptor: =C532+1
DISCCART 408210.559634089 3760170.16823669 0.00 1.50
** receptor =B533+1 property boundary receptor: =C533+1
DISCCART 408209.759787193 3760145.18332229 0.00 1.50
** receptor =B534+1 property boundary receptor: =C534+1
DISCCART 408208.959940296 3760120.1984079 0.00 1.50
** receptor =B535+1 property boundary receptor: =C535+1
DISCCART 408208.160093399 3760095.20349554 0.00 1.50
** receptor =B536+1 property boundary receptor: =C536+1
DISCCART 408207.360246503 3760070.21858115 0.00 1.50
** receptor =B537+1 property boundary receptor: =C537+1
DISCCART 408206.560399606 3760045.23366676 0.00 1.50
** receptor =B538+1 property boundary receptor: =C538+1
DISCCART 408205.760552709 3760020.24875237 0.00 1.50
** receptor =B539+1 property boundary receptor: =C539+1
DISCCART 408204.968951657 3759995.26383797 0.00 1.50
** receptor =B540+1 property boundary receptor: =C540+1
DISCCART 408204.16910476 3759970.26892561 0.00 1.50
** receptor =B541+1 property boundary receptor: =C541+1
DISCCART 408203.369257863 3759945.28401122 0.00 1.50
** receptor =B542+1 property boundary receptor: =C542+1
DISCCART 408202.569410967 3759920.29909683 0.00 1.50
** receptor =B543+1 property boundary receptor: =C543+1
DISCCART 408201.76956407 3759895.31418244 0.00 1.50
** receptor =B544+1 property boundary receptor: =C544+1
DISCCART 408200.969717173 3759870.31927008 0.00 1.50
** receptor =B545+1 property boundary receptor: =C545+1
DISCCART 408201.579909651 3759847.54390594 0.00 1.50
** receptor =B546+1 property boundary receptor: =C546+1
DISCCART 408226.573063712 3759847.1539853 0.00 1.50
** receptor =B547+1 property boundary receptor: =C547+1
DISCCART 408251.574463618 3759846.76406467 0.00 1.50
** receptor =B548+1 property boundary receptor: =C548+1
DISCCART 408276.567617679 3759846.37414404 0.00 1.50
** receptor =B549+1 property boundary receptor: =C549+1
DISCCART 408301.569017585 3759845.98422341 0.00 1.50

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Appendix B

NOx Annual Emissions Mitigated

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** receptor =B550+1 property boundary receptor: =C550+1
DISCCART 408326.562171646 3759845.59430277 0.00 1.50
** receptor =B551+1 property boundary receptor: =C551+1
DISCCART 408351.563571552 3759845.20438214 0.00 1.50
** receptor =B552+1 property boundary receptor: =C552+1
DISCCART 408376.556725613 3759844.81446151 0.00 1.50
** receptor =B553+1 property boundary receptor: =C553+1
DISCCART 408401.549879674 3759844.42454087 0.00 1.50
** receptor =B554+1 property boundary receptor: =C554+1
DISCCART 408426.55127958 3759844.04461821 0.00 1.50
** receptor =B555+1 property boundary receptor: =C555+1
DISCCART 408451.544433641 3759843.65469757 0.00 1.50
** receptor =B556+1 property boundary receptor: =C556+1
DISCCART 408476.545833547 3759843.26477694 0.00 1.50
** receptor =B557+1 property boundary receptor: =C557+1
DISCCART 408501.538987608 3759842.87485631 0.00 1.50
** receptor =B558+1 property boundary receptor: =C558+1
DISCCART 408526.540387514 3759842.48493568 0.00 1.50
** receptor =B559+1 property boundary receptor: =C559+1
DISCCART 408551.533541575 3759842.09501504 0.00 1.50
** receptor =B560+1 property boundary receptor: =C560+1
DISCCART 408576.534941481 3759841.70509441 0.00 1.50
** receptor =B561+1 property boundary receptor: =C561+1
DISCCART 408601.528095542 3759841.31517378 0.00 1.50
** receptor =B562+1 property boundary receptor: =C562+1
DISCCART 408626.529495448 3759840.93525111 0.00 1.50
** receptor =B563+1 property boundary receptor: =C563+1
DISCCART 408651.522649509 3759840.54533048 0.00 1.50
** receptor =B564+1 property boundary receptor: =C564+1
DISCCART 408676.524049415 3759840.15540984 0.00 1.50
** receptor =B565+1 property boundary receptor: =C565+1
DISCCART 408701.517203476 3759839.76548921 0.00 1.50
** receptor =B566+1 property boundary receptor: =C566+1
DISCCART 408726.510357538 3759839.37556858 0.00 1.50
** receptor =B567+1 property boundary receptor: =C567+1
DISCCART 408751.511757443 3759838.98564795 0.00 1.50
** receptor =B568+1 property boundary receptor: =C568+1
DISCCART 408776.504911504 3759838.59572731 0.00 1.50
** receptor =B569+1 property boundary receptor: =C569+1
DISCCART 408801.506311141 3759838.20580668 0.00 1.50
** receptor =B570+1 property boundary receptor: =C570+1
DISCCART 408826.499465471 3759837.81588605 0.00 1.50
** receptor =B571+1 property boundary receptor: =C571+1
DISCCART 408851.500865377 3759837.43596338 0.00 1.50
** receptor =B572+1 property boundary receptor: =C572+1
DISCCART 408876.494019438 3759837.04604275 0.00 1.50
** receptor =B573+1 property boundary receptor: =C573+1
DISCCART 408901.495419344 3759836.65612211 0.00 1.50
** receptor =B574+1 property boundary receptor: =C574+1
DISCCART 408926.488573405 3759836.26620148 0.00 1.50
** receptor =B575+1 property boundary receptor: =C575+1
DISCCART 408951.489973311 3759835.87628085 0.00 1.50
** receptor =B576+1 property boundary receptor: =C576+1
DISCCART 408976.483127372 3759835.48636022 0.00 1.50
** receptor =B577+1 property boundary receptor: =C577+1
DISCCART 409001.484527278 3759835.09643958 0.00 1.50
** receptor =B578+1 property boundary receptor: =C578+1
DISCCART 409026.477681339 3759834.70651895 0.00 1.50
** receptor =B579+1 property boundary receptor: =C579+1
DISCCART 409051.479081245 3759834.31659832 0.00 1.50
** receptor =B580+1 property boundary receptor: =C580+1
DISCCART 409076.472235306 3759833.93667565 0.00 1.50
** receptor =B581+1 property boundary receptor: =C581+1
DISCCART 409101.465389368 3759833.58674688 0.00 1.50
** receptor =B582+1 property boundary receptor: =C582+1
DISCCART 409126.466789273 3759833.25681403 0.00 1.50
** receptor =B583+1 property boundary receptor: =C583+1
DISCCART 409151.468189179 3759832.91688323 0.00 1.50
** receptor =B584+1 property boundary receptor: =C584+1
DISCCART 409176.46134324 3759832.58695038 0.00 1.50
** receptor =B585+1 property boundary receptor: =C585+1
DISCCART 409201.462743146 3759832.24701957 0.00 1.50
** receptor =B586+1 property boundary receptor: =C586+1
DISCCART 409226.455897207 3759831.91708673 0.00 1.50
** receptor =B587+1 property boundary receptor: =C587+1
DISCCART 409251.457297113 3759831.57715592 0.00 1.50

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Appendix B

NOx Annual Emissions Mitigated

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** receptor =B588+1 property boundary receptor: =C588+1
DISCCART 409276.450451174 3759831.24722308 0.00 1.50
** receptor =B589+1 property boundary receptor: =C589+1
DISCCART 409301.45185108 3759830.90729227 0.00 1.50
** receptor =B590+1 property boundary receptor: =C590+1
DISCCART 409326.445005141 3759830.57735943 0.00 1.50
** receptor =B591+1 property boundary receptor: =C591+1
DISCCART 409351.446405047 3759830.23742862 0.00 1.50
** receptor =B592+1 property boundary receptor: =C592+1
DISCCART 409376.447804952 3759829.90749578 0.00 1.50
** receptor =B593+1 property boundary receptor: =C593+1
DISCCART 409401.440959014 3759829.56756497 0.00 1.50
** receptor =B594+1 property boundary receptor: =C594+1
DISCCART 409426.442358919 3759829.23763213 0.00 1.50
** receptor =B595+1 property boundary receptor: =C595+1
DISCCART 409451.43551298 3759828.89770132 0.00 1.50
** receptor =B596+1 property boundary receptor: =C596+1
DISCCART 409476.436912886 3759828.56776847 0.00 1.50
** receptor =B597+1 property boundary receptor: =C597+1
DISCCART 409501.430066947 3759828.22783767 0.00 1.50
** receptor =B598+1 property boundary receptor: =C598+1
DISCCART 409526.431466853 3759827.89790482 0.00 1.50
** receptor =B599+1 property boundary receptor: =C599+1
DISCCART 409551.424620914 3759827.55797402 0.00 1.50
** receptor =B600+1 property boundary receptor: =C600+1
DISCCART 409576.42602082 3759827.22804117 0.00 1.50
** receptor =B601+1 property boundary receptor: =C601+1
DISCCART 409601.427420726 3759826.88811036 0.00 1.50
** receptor =B602+1 property boundary receptor: =C602+1
DISCCART 409626.420574787 3759826.55817752 0.00 1.50
** receptor =B603+1 property boundary receptor: =C603+1
DISCCART 409651.421974693 3759826.21824671 0.00 1.50
** receptor =B604+1 property boundary receptor: =C604+1
DISCCART 409676.415128754 3759825.88831387 0.00 1.50
** receptor =B605+1 property boundary receptor: =C605+1
DISCCART 409700.872302936 3759821.52920115 0.00 1.50
** receptor =B606+1 property boundary receptor: =C606+1
DISCCART 409724.579105287 3759813.61081292 0.00 1.50
** receptor =B607+1 property boundary receptor: =C607+1
DISCCART 409748.294153483 3759805.68242672 0.00 1.50
** receptor =B608+1 property boundary receptor: =C608+1
DISCCART 409772.000955834 3759797.76403848 0.00 1.50

** SENSITIVE RECEPTORS

** receptor 1001 (sensitive receptor: T1)
DISCCART 407390.947448644 3759093.38741401 454.30 1.50
** receptor =B9+1 (sensitive receptor: T2)
DISCCART 407365.137955997 3759080.33007179 454.60 1.50
** receptor =B10+1 (sensitive receptor: T3)
DISCCART 407339.781984787 3759067.38270719 459.10 1.50
** receptor =B11+1 (sensitive receptor: T4)
DISCCART 407316.602916471 3759058.85444309 463.60 1.50
** receptor =B12+1 (sensitive receptor: T5)
DISCCART 407283.190755383 3759053.07561936 473.50 1.50
** receptor =B13+1 (sensitive receptor: T6)
DISCCART 407252.936752661 3759048.82648426 475.60 1.50
** receptor =B14+1 (sensitive receptor: T7)
DISCCART 407225.675991418 3759048.53654327 475.60 1.50
** receptor =B15+1 (sensitive receptor: T8)
DISCCART 407196.955715735 3759049.9262604 471.40 1.50
** receptor =B16+1 (sensitive receptor: T9)
DISCCART 407179.012758547 3759047.99665316 465.50 1.50
** receptor =B17+1 (sensitive receptor: T10)
DISCCART 407162.817920349 3759027.3108637 462.40 1.50
** receptor =B18+1 (sensitive receptor: T11)
DISCCART 407144.116345486 3759003.98561149 454.10 1.50
** receptor =B19+1 (sensitive receptor: T12)
DISCCART 407126.461992848 3758984.74952693 443.30 1.50
** receptor =B20+1 (sensitive receptor: T13)
DISCCART 407105.781415354 3758967.54302927 438.30 1.50
** receptor =B21+1 (sensitive receptor: T14)
DISCCART 407088.160046093 3758951.85622227 437.90 1.50
** receptor =B22+1 (sensitive receptor: T15)
DISCCART 407069.524437984 3758935.17961675 437.10 1.50
** receptor =B23+1 (sensitive receptor: T16)

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Appendix B

NOx Annual Emissions Mitigated

** DISCCART	407049.30562777	3758918.52300715	436.10	1.50
** receptor	=B24+1 (sensitive	receptor: T17)		
** DISCCART	407036.326668848	3758904.9057789	432.80	1.50
** receptor	=B25+1 (sensitive	receptor: T18)		
** DISCCART	407039.682727476	3758879.36097847	436.20	1.50
** receptor	=B26+1 (sensitive	receptor: T19)		
** DISCCART	407046.642220062	3758854.23609257	429.40	1.50
** receptor	=B27+1 (sensitive	receptor: T20)		
** DISCCART	407052.496769513	3758829.11120666	426.40	1.50
** receptor	=B28+1 (sensitive	receptor: T21)		
** DISCCART	407055.861073985	3758804.57620069	422.10	1.50
** receptor	=B29+1 (sensitive	receptor: T22)		
** DISCCART	407059.233624302	3758781.58088132	416.60	1.50
** receptor	=B30+1 (sensitive	receptor: T23)		
** DISCCART	407066.250837798	3758771.76287975	414.60	1.50
** receptor	=B31+1 (sensitive	receptor: T24)		
** DISCCART	407073.952456371	3758765.02425138	410.50	1.50
** receptor	=B32+1 (sensitive	receptor: T25)		
** DISCCART	407083.138326917	3758759.39539712	407.30	1.50
** receptor	=B33+1 (sensitive	receptor: T26)		
** DISCCART	407094.377412692	3758756.73593844	406.70	1.50
** receptor	=B34+1 (sensitive	receptor: T27)		
** DISCCART	407109.327128401	3758764.23441215	408.90	1.50
** receptor	=B35+1 (sensitive	receptor: T28)		
** DISCCART	407134.58414948	3758776.74186629	408.20	1.50
** receptor	=B36+1 (sensitive	receptor: T29)		
** DISCCART	407157.820938706	3758790.81900093	411.00	1.50
** receptor	=B37+1 (sensitive	receptor: T30)		
** DISCCART	407181.601953656	3758803.33645304	415.10	1.50
** receptor	=B38+1 (sensitive	receptor: T31)		
** DISCCART	407205.374722761	3758815.86390311	418.10	1.50
** receptor	=B39+1 (sensitive	receptor: T32)		
** DISCCART	407230.681218906	3758833.47031938	425.00	1.50
** receptor	=B40+1 (sensitive	receptor: T33)		
** DISCCART	407254.025204108	3758858.3052643	428.30	1.50
** receptor	=B41+1 (sensitive	receptor: T34)		
** DISCCART	407272.693795594	3758877.52135292	428.60	1.50
** receptor	2001 (sensitive	receptor: C1)		
** DISCCART	405962.503349551	3758512.50565081	301.80	1.50
** receptor	=B43+1 (sensitive	receptor: C2)		
** DISCCART	405962.503349551	3758487.50074049	298.50	1.50
** receptor	=B44+1 (sensitive	receptor: C3)		
** DISCCART	405962.503349551	3758462.50582813	298.50	1.50
** receptor	=B45+1 (sensitive	receptor: C4)		
** DISCCART	405962.503349551	3758437.50091781	298.50	1.50
** receptor	=B46+1 (sensitive	receptor: C5)		
** DISCCART	405962.503349551	3758412.50600545	296.10	1.50
** receptor	=B47+1 (sensitive	receptor: C6)		
** DISCCART	405962.503349551	3758387.50109513	296.10	1.50
** receptor	=B48+1 (sensitive	receptor: C7)		
** DISCCART	405962.503349551	3758362.50618277	295.20	1.50
** receptor	=B49+1 (sensitive	receptor: C8)		
** DISCCART	405962.503349551	3758337.50127244	295.20	1.50
** receptor	=B50+1 (sensitive	receptor: C9)		
** DISCCART	405962.503349551	3758312.50636009	295.20	1.50
** receptor	=B51+1 (sensitive	receptor: C10)		
** DISCCART	405962.503349551	3758287.50144976	295.20	1.50
** receptor	=B52+1 (sensitive	receptor: C11)		
** DISCCART	405962.503349551	3758262.50653741	295.20	1.50
** receptor	=B53+1 (sensitive	receptor: C12)		
** DISCCART	405962.503349551	3758237.50162708	292.80	1.50
** receptor	=B54+1 (sensitive	receptor: C13)		
** DISCCART	405962.503349551	3758212.50671473	292.40	1.50
** receptor	=B55+1 (sensitive	receptor: C14)		
** DISCCART	405962.503349551	3758187.5018044	291.90	1.50
** receptor	=B56+1 (sensitive	receptor: C15)		
** DISCCART	405962.503349551	3758162.50689204	291.90	1.50
** receptor	=B57+1 (sensitive	receptor: C16)		
** DISCCART	405962.503349551	3758137.50198172	289.60	1.50
** receptor	=B58+1 (sensitive	receptor: C17)		
** DISCCART	405987.496503612	3758512.50565081	304.30	1.50
** receptor	=B59+1 (sensitive	receptor: C18)		
** DISCCART	405987.496503612	3758487.50074049	301.80	1.50
** receptor	=B60+1 (sensitive	receptor: C19)		
** DISCCART	405987.496503612	3758462.50582813	299.70	1.50
** receptor	=B61+1 (sensitive	receptor: C20)		

Appendix B

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** DISCCART	405987.496503612	3758437.50091781	298.50	1.50
** receptor	=B62+1 (sensitive	receptor: C21)		
** DISCCART	405987.496503612	3758412.50600545	298.50	1.50
** receptor	=B63+1 (sensitive	receptor: C22)		
** DISCCART	405987.496503612	3758387.50109513	298.50	1.50
** receptor	=B64+1 (sensitive	receptor: C23)		
** DISCCART	405987.496503612	3758362.50618277	298.50	1.50
** receptor	=B65+1 (sensitive	receptor: C24)		
** DISCCART	405987.496503612	3758337.50127244	298.50	1.50
** receptor	=B66+1 (sensitive	receptor: C25)		
** DISCCART	405987.496503612	3758312.50636009	298.50	1.50
** receptor	=B67+1 (sensitive	receptor: C26)		
** DISCCART	405987.496503612	3758287.50144976	298.50	1.50
** receptor	=B68+1 (sensitive	receptor: C27)		
** DISCCART	405987.496503612	3758262.50653741	297.80	1.50
** receptor	=B69+1 (sensitive	receptor: C28)		
** DISCCART	405987.496503612	3758237.50162708	295.20	1.50
** receptor	=B70+1 (sensitive	receptor: C29)		
** DISCCART	405987.496503612	3758212.50671473	295.20	1.50
** receptor	=B71+1 (sensitive	receptor: C30)		
** DISCCART	405987.496503612	3758187.5018044	294.50	1.50
** receptor	=B72+1 (sensitive	receptor: C31)		
** DISCCART	405987.496503612	3758162.50689204	293.10	1.50
** receptor	=B73+1 (sensitive	receptor: C32)		
** DISCCART	405987.496503612	3758137.50198172	291.90	1.50
** receptor	=B74+1 (sensitive	receptor: C33)		
** DISCCART	406012.497903518	3758512.50565081	305.50	1.50
** receptor	=B75+1 (sensitive	receptor: C34)		
** DISCCART	406012.497903518	3758487.50074049	305.00	1.50
** receptor	=B76+1 (sensitive	receptor: C35)		
** DISCCART	406012.497903518	3758462.50582813	302.20	1.50
** receptor	=B77+1 (sensitive	receptor: C36)		
** DISCCART	406012.497903518	3758437.50091781	301.80	1.50
** receptor	=B78+1 (sensitive	receptor: C37)		
** DISCCART	406012.497903518	3758412.50600545	301.80	1.50
** receptor	=B79+1 (sensitive	receptor: C38)		
** DISCCART	406012.497903518	3758387.50109513	299.40	1.50
** receptor	=B80+1 (sensitive	receptor: C39)		
** DISCCART	406012.497903518	3758362.50618277	299.40	1.50
** receptor	=B81+1 (sensitive	receptor: C40)		
** DISCCART	406012.497903518	3758337.50127244	299.50	1.50
** receptor	=B82+1 (sensitive	receptor: C41)		
** DISCCART	406012.497903518	3758312.50636009	300.50	1.50
** receptor	=B83+1 (sensitive	receptor: C42)		
** DISCCART	406012.497903518	3758287.50144976	299.40	1.50
** receptor	=B84+1 (sensitive	receptor: C43)		
** DISCCART	406012.497903518	3758262.50653741	298.50	1.50
** receptor	=B85+1 (sensitive	receptor: C44)		
** DISCCART	406012.497903518	3758237.50162708	298.50	1.50
** receptor	=B86+1 (sensitive	receptor: C45)		
** DISCCART	406012.497903518	3758212.50671473	298.50	1.50
** receptor	=B87+1 (sensitive	receptor: C46)		
** DISCCART	406012.497903518	3758187.5018044	296.10	1.50
** receptor	=B88+1 (sensitive	receptor: C47)		
** DISCCART	406012.497903518	3758162.50689204	295.20	1.50
** receptor	=B89+1 (sensitive	receptor: C48)		
** DISCCART	406012.497903518	3758137.50198172	295.20	1.50
** receptor	=B90+1 (sensitive	receptor: C49)		
** DISCCART	406037.499303424	3758512.50565081	308.30	1.50
** receptor	=B91+1 (sensitive	receptor: C50)		
** DISCCART	406037.499303424	3758487.50074049	307.50	1.50
** receptor	=B92+1 (sensitive	receptor: C51)		
** DISCCART	406037.499303424	3758462.50582813	305.00	1.50
** receptor	=B93+1 (sensitive	receptor: C52)		
** DISCCART	406037.499303424	3758437.50091781	305.00	1.50
** receptor	=B94+1 (sensitive	receptor: C53)		
** DISCCART	406037.499303424	3758412.50600545	304.30	1.50
** receptor	=B95+1 (sensitive	receptor: C54)		
** DISCCART	406037.499303424	3758387.50109513	301.80	1.50
** receptor	=B96+1 (sensitive	receptor: C55)		
** DISCCART	406037.499303424	3758362.50618277	301.80	1.50
** receptor	=B97+1 (sensitive	receptor: C56)		
** DISCCART	406037.499303424	3758337.50127244	301.80	1.50
** receptor	=B98+1 (sensitive	receptor: C57)		
** DISCCART	406037.499303424	3758312.50636009	301.80	1.50
** receptor	=B99+1 (sensitive	receptor: C58)		

Appendix B

NOx Annual Emissions Mitigated

** DISCCART	406037.499303424	3758287.50144976	301.80	1.50
** receptor	=B100+1 (sensitive receptor: C59)			
** DISCCART	406037.499303424	3758262.50653741	301.80	1.50
** receptor	=B101+1 (sensitive receptor: C60)			
** DISCCART	406037.499303424	3758237.50162708	301.00	1.50
** receptor	=B102+1 (sensitive receptor: C61)			
** DISCCART	406037.499303424	3758212.50671473	298.50	1.50
** receptor	=B103+1 (sensitive receptor: C62)			
** DISCCART	406037.499303424	3758187.5018044	298.50	1.50
** receptor	=B104+1 (sensitive receptor: C63)			
** DISCCART	406037.499303424	3758162.50689204	298.50	1.50
** receptor	=B105+1 (sensitive receptor: C64)			
** DISCCART	406037.499303424	3758137.50198172	298.50	1.50
** receptor	=B106+1 (sensitive receptor: C65)			
** DISCCART	406062.500703329	3758512.50565081	311.60	1.50
** receptor	=B107+1 (sensitive receptor: C66)			
** DISCCART	406062.500703329	3758487.50074049	309.20	1.50
** receptor	=B108+1 (sensitive receptor: C67)			
** DISCCART	406062.500703329	3758462.50582813	308.30	1.50
** receptor	=B109+1 (sensitive receptor: C68)			
** DISCCART	406062.500703329	3758437.50091781	306.00	1.50
** receptor	=B110+1 (sensitive receptor: C69)			
** DISCCART	406062.500703329	3758412.50600545	305.50	1.50
** receptor	=B111+1 (sensitive receptor: C70)			
** DISCCART	406062.500703329	3758387.50109513	305.00	1.50
** receptor	=B112+1 (sensitive receptor: C71)			
** DISCCART	406062.500703329	3758362.50618277	305.00	1.50
** receptor	=B113+1 (sensitive receptor: C72)			
** DISCCART	406062.500703329	3758337.50127244	305.00	1.50
** receptor	=B114+1 (sensitive receptor: C73)			
** DISCCART	406062.500703329	3758312.50636009	305.00	1.50
** receptor	=B115+1 (sensitive receptor: C74)			
** DISCCART	406062.500703329	3758287.50144976	305.00	1.50
** receptor	=B116+1 (sensitive receptor: C75)			
** DISCCART	406062.500703329	3758262.50653741	303.80	1.50
** receptor	=B117+1 (sensitive receptor: C76)			
** DISCCART	406062.500703329	3758237.50162708	302.70	1.50
** receptor	=B118+1 (sensitive receptor: C77)			
** DISCCART	406062.500703329	3758212.50671473	301.80	1.50
** receptor	=B119+1 (sensitive receptor: C78)			
** DISCCART	406062.500703329	3758187.5018044	299.40	1.50
** receptor	=B120+1 (sensitive receptor: C79)			
** DISCCART	406062.500703329	3758162.50689204	298.90	1.50
** receptor	=B121+1 (sensitive receptor: C80)			
** DISCCART	406062.500703329	3758137.50198172	299.40	1.50
** receptor	=B122+1 (sensitive receptor: C81)			
** DISCCART	406087.502103235	3758512.50565081	311.60	1.50
** receptor	=B123+1 (sensitive receptor: C82)			
** DISCCART	406087.502103235	3758487.50074049	311.60	1.50
** receptor	=B124+1 (sensitive receptor: C83)			
** DISCCART	406087.502103235	3758462.50582813	311.20	1.50
** receptor	=B125+1 (sensitive receptor: C84)			
** DISCCART	406087.502103235	3758437.50091781	308.30	1.50
** receptor	=B126+1 (sensitive receptor: C85)			
** DISCCART	406087.502103235	3758412.50600545	308.30	1.50
** receptor	=B127+1 (sensitive receptor: C86)			
** DISCCART	406087.502103235	3758387.50109513	308.30	1.50
** receptor	=B128+1 (sensitive receptor: C87)			
** DISCCART	406087.502103235	3758362.50618277	308.30	1.50
** receptor	=B129+1 (sensitive receptor: C88)			
** DISCCART	406087.502103235	3758337.50127244	307.60	1.50
** receptor	=B130+1 (sensitive receptor: C89)			
** DISCCART	406087.502103235	3758312.50636009	307.60	1.50
** receptor	=B131+1 (sensitive receptor: C90)			
** DISCCART	406087.502103235	3758287.50144976	307.50	1.50
** receptor	=B132+1 (sensitive receptor: C91)			
** DISCCART	406087.502103235	3758262.50653741	305.00	1.50
** receptor	=B133+1 (sensitive receptor: C92)			
** DISCCART	406087.502103235	3758237.50162708	305.00	1.50
** receptor	=B134+1 (sensitive receptor: C93)			
** DISCCART	406087.502103235	3758212.50671473	304.30	1.50
** receptor	=B135+1 (sensitive receptor: C94)			
** DISCCART	406087.502103235	3758187.5018044	301.80	1.50
** receptor	=B136+1 (sensitive receptor: C95)			
** DISCCART	406087.502103235	3758162.50689204	301.80	1.50
** receptor	=B137+1 (sensitive receptor: C96)			

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** DISCCART	406087.502103235	3758137.50198172	301.80	1.50
** receptor	=B138+1 (sensitive receptor: C97)			
** DISCCART	406112.495257296	3758512.50565081	314.90	1.50
** receptor	=B139+1 (sensitive receptor: C98)			
** DISCCART	406112.495257296	3758487.50074049	314.80	1.50
** receptor	=B140+1 (sensitive receptor: C99)			
** DISCCART	406112.495257296	3758462.50582813	312.00	1.50
** receptor	=B141+1 (sensitive receptor: C100)			
** DISCCART	406112.495257296	3758437.50091781	311.60	1.50
** receptor	=B142+1 (sensitive receptor: C101)			
** DISCCART	406112.495257296	3758412.50600545	311.60	1.50
** receptor	=B143+1 (sensitive receptor: C102)			
** DISCCART	406112.495257296	3758387.50109513	309.20	1.50
** receptor	=B144+1 (sensitive receptor: C103)			
** DISCCART	406112.495257296	3758362.50618277	309.20	1.50
** receptor	=B145+1 (sensitive receptor: C104)			
** DISCCART	406112.495257296	3758337.50127244	309.20	1.50
** receptor	=B146+1 (sensitive receptor: C105)			
** DISCCART	406112.495257296	3758312.50636009	308.30	1.50
** receptor	=B147+1 (sensitive receptor: C106)			
** DISCCART	406112.495257296	3758287.50144976	308.30	1.50
** receptor	=B148+1 (sensitive receptor: C107)			
** DISCCART	406112.495257296	3758262.50653741	308.30	1.50
** receptor	=B149+1 (sensitive receptor: C108)			
** DISCCART	406112.495257296	3758237.50162708	308.30	1.50
** receptor	=B150+1 (sensitive receptor: C109)			
** DISCCART	406112.495257296	3758212.50671473	306.00	1.50
** receptor	=B151+1 (sensitive receptor: C110)			
** DISCCART	406112.495257296	3758187.5018044	306.00	1.50
** receptor	=B152+1 (sensitive receptor: C111)			
** DISCCART	406112.495257296	3758162.50689204	305.00	1.50
** receptor	=B153+1 (sensitive receptor: C112)			
** DISCCART	406112.495257296	3758137.50198172	305.00	1.50
** receptor	=B154+1 (sensitive receptor: C113)			
** DISCCART	406137.496657202	3758512.50565081	318.20	1.50
** receptor	=B155+1 (sensitive receptor: C114)			
** DISCCART	406137.496657202	3758487.50074049	314.90	1.50
** receptor	=B156+1 (sensitive receptor: C115)			
** DISCCART	406137.496657202	3758462.50582813	314.90	1.50
** receptor	=B157+1 (sensitive receptor: C116)			
** DISCCART	406137.496657202	3758437.50091781	314.10	1.50
** receptor	=B158+1 (sensitive receptor: C117)			
** DISCCART	406137.496657202	3758412.50600545	311.60	1.50
** receptor	=B159+1 (sensitive receptor: C118)			
** DISCCART	406137.496657202	3758387.50109513	311.60	1.50
** receptor	=B160+1 (sensitive receptor: C119)			
** DISCCART	406137.496657202	3758362.50618277	311.60	1.50
** receptor	=B161+1 (sensitive receptor: C120)			
** DISCCART	406137.496657202	3758337.50127244	311.60	1.50
** receptor	=B162+1 (sensitive receptor: C121)			
** DISCCART	406137.496657202	3758312.50636009	311.60	1.50
** receptor	=B163+1 (sensitive receptor: C122)			
** DISCCART	406137.496657202	3758287.50144976	311.60	1.50
** receptor	=B164+1 (sensitive receptor: C123)			
** DISCCART	406137.496657202	3758262.50653741	310.90	1.50
** receptor	=B165+1 (sensitive receptor: C124)			
** DISCCART	406137.496657202	3758237.50162708	310.90	1.50
** receptor	=B166+1 (sensitive receptor: C125)			
** DISCCART	406137.496657202	3758212.50671473	309.50	1.50
** receptor	=B167+1 (sensitive receptor: C126)			
** DISCCART	406137.496657202	3758187.5018044	308.30	1.50
** receptor	=B168+1 (sensitive receptor: C127)			
** DISCCART	406137.496657202	3758162.50689204	308.30	1.50
** receptor	=B169+1 (sensitive receptor: C128)			
** DISCCART	406137.496657202	3758137.50198172	308.30	1.50
** receptor	=B170+1 (sensitive receptor: C129)			
** DISCCART	406162.498057107	3758512.50565081	320.20	1.50
** receptor	=B171+1 (sensitive receptor: C130)			
** DISCCART	406162.498057107	3758487.50074049	318.20	1.50
** receptor	=B172+1 (sensitive receptor: C131)			
** DISCCART	406162.498057107	3758462.50582813	316.90	1.50
** receptor	=B173+1 (sensitive receptor: C132)			
** DISCCART	406162.498057107	3758437.50091781	314.90	1.50
** receptor	=B174+1 (sensitive receptor: C133)			
** DISCCART	406162.498057107	3758412.50600545	314.90	1.50
** receptor	=B175+1 (sensitive receptor: C134)			

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** receptor	DISCCART 406162.498057107 3758387.50109513	314.90	1.50
** receptor	=B176+1 (sensitive receptor: C135)		
** receptor	DISCCART 406162.498057107 3758362.50618277	312.50	1.50
** receptor	=B177+1 (sensitive receptor: C136)		
** receptor	DISCCART 406162.498057107 3758337.50127244	312.50	1.50
** receptor	=B178+1 (sensitive receptor: C137)		
** receptor	DISCCART 406162.498057107 3758312.50636009	312.00	1.50
** receptor	=B179+1 (sensitive receptor: C138)		
** receptor	DISCCART 406162.498057107 3758287.50144976	311.60	1.50
** receptor	=B180+1 (sensitive receptor: C139)		
** receptor	DISCCART 406162.498057107 3758262.50653741	311.60	1.50
** receptor	=B181+1 (sensitive receptor: C140)		
** receptor	DISCCART 406162.498057107 3758237.50162708	311.60	1.50
** receptor	=B182+1 (sensitive receptor: C141)		
** receptor	DISCCART 406162.498057107 3758212.50671473	311.60	1.50
** receptor	=B183+1 (sensitive receptor: C142)		
** receptor	DISCCART 406162.498057107 3758187.5018044	311.60	1.50
** receptor	=B184+1 (sensitive receptor: C143)		
** receptor	DISCCART 406162.498057107 3758162.50689204	311.60	1.50
** receptor	=B185+1 (sensitive receptor: C144)		
** receptor	DISCCART 406162.498057107 3758137.50198172	311.60	1.50
** receptor	=B186+1 (sensitive receptor: C145)		
** receptor	DISCCART 406187.499457013 3758512.50565081	321.40	1.50
** receptor	=B187+1 (sensitive receptor: C146)		
** receptor	DISCCART 406187.499457013 3758487.50074049	320.70	1.50
** receptor	=B188+1 (sensitive receptor: C147)		
** receptor	DISCCART 406187.499457013 3758462.50582813	318.20	1.50
** receptor	=B189+1 (sensitive receptor: C148)		
** receptor	DISCCART 406187.499457013 3758437.50091781	318.20	1.50
** receptor	=B190+1 (sensitive receptor: C149)		
** receptor	DISCCART 406187.499457013 3758412.50600545	317.80	1.50
** receptor	=B191+1 (sensitive receptor: C150)		
** receptor	DISCCART 406187.499457013 3758387.50109513	317.40	1.50
** receptor	=B192+1 (sensitive receptor: C151)		
** receptor	DISCCART 406187.499457013 3758362.50618277	314.90	1.50
** receptor	=B193+1 (sensitive receptor: C152)		
** receptor	DISCCART 406187.499457013 3758337.50127244	314.90	1.50
** receptor	=B194+1 (sensitive receptor: C153)		
** receptor	DISCCART 406187.499457013 3758312.50636009	314.90	1.50
** receptor	=B195+1 (sensitive receptor: C154)		
** receptor	DISCCART 406187.499457013 3758287.50144976	314.90	1.50
** receptor	=B196+1 (sensitive receptor: C155)		
** receptor	DISCCART 406187.499457013 3758262.50653741	314.90	1.50
** receptor	=B197+1 (sensitive receptor: C156)		
** receptor	DISCCART 406187.499457013 3758237.50162708	314.90	1.50
** receptor	=B198+1 (sensitive receptor: C157)		
** receptor	DISCCART 406187.499457013 3758212.50671473	314.90	1.50
** receptor	=B199+1 (sensitive receptor: C158)		
** receptor	DISCCART 406187.499457013 3758187.5018044	314.90	1.50
** receptor	=B200+1 (sensitive receptor: C159)		
** receptor	DISCCART 406187.499457013 3758162.50689204	314.20	1.50
** receptor	=B201+1 (sensitive receptor: C160)		
** receptor	DISCCART 406187.499457013 3758137.50198172	311.60	1.50
** receptor	=B202+1 (sensitive receptor: C161)		
** receptor	DISCCART 406212.500856919 3758512.50565081	324.70	1.50
** receptor	=B203+1 (sensitive receptor: C162)		
** receptor	DISCCART 406212.500856919 3758487.50074049	322.40	1.50
** receptor	=B204+1 (sensitive receptor: C163)		
** receptor	DISCCART 406212.500856919 3758462.50582813	321.40	1.50
** receptor	=B205+1 (sensitive receptor: C164)		
** receptor	DISCCART 406212.500856919 3758437.50091781	321.40	1.50
** receptor	=B206+1 (sensitive receptor: C165)		
** receptor	DISCCART 406212.500856919 3758412.50600545	319.10	1.50
** receptor	=B207+1 (sensitive receptor: C166)		
** receptor	DISCCART 406212.500856919 3758387.50109513	318.20	1.50
** receptor	=B208+1 (sensitive receptor: C167)		
** receptor	DISCCART 406212.500856919 3758362.50618277	319.10	1.50
** receptor	=B209+1 (sensitive receptor: C168)		
** receptor	DISCCART 406212.500856919 3758337.50127244	318.20	1.50
** receptor	=B210+1 (sensitive receptor: C169)		
** receptor	DISCCART 406212.500856919 3758312.50636009	318.20	1.50
** receptor	=B211+1 (sensitive receptor: C170)		
** receptor	DISCCART 406212.500856919 3758287.50144976	318.20	1.50
** receptor	=B212+1 (sensitive receptor: C171)		
** receptor	DISCCART 406212.500856919 3758262.50653741	318.20	1.50
** receptor	=B213+1 (sensitive receptor: C172)		

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** DISCCART	406212.500856919	3758237.50162708	318.20	1.50
** receptor	=B214+1 (sensitive receptor: C173)			
** DISCCART	406212.500856919	3758212.50671473	318.20	1.50
** receptor	=B215+1 (sensitive receptor: C174)			
** DISCCART	406212.500856919	3758187.5018044	318.20	1.50
** receptor	=B216+1 (sensitive receptor: C175)			
** DISCCART	406212.500856919	3758162.50689204	316.90	1.50
** receptor	=B217+1 (sensitive receptor: C176)			
** DISCCART	406212.500856919	3758137.50198172	314.90	1.50
** receptor	=B218+1 (sensitive receptor: C177)			
** DISCCART	406237.502256824	3758512.50565081	329.20	1.50
** receptor	=B219+1 (sensitive receptor: C178)			
** DISCCART	406237.502256824	3758487.50074049	327.30	1.50
** receptor	=B220+1 (sensitive receptor: C179)			
** DISCCART	406237.502256824	3758462.50582813	324.70	1.50
** receptor	=B221+1 (sensitive receptor: C180)			
** DISCCART	406237.502256824	3758437.50091781	323.90	1.50
** receptor	=B222+1 (sensitive receptor: C181)			
** DISCCART	406237.502256824	3758412.50600545	321.40	1.50
** receptor	=B223+1 (sensitive receptor: C182)			
** DISCCART	406237.502256824	3758387.50109513	321.40	1.50
** receptor	=B224+1 (sensitive receptor: C183)			
** DISCCART	406237.502256824	3758362.50618277	321.40	1.50
** receptor	=B225+1 (sensitive receptor: C184)			
** DISCCART	406237.502256824	3758337.50127244	320.70	1.50
** receptor	=B226+1 (sensitive receptor: C185)			
** DISCCART	406237.502256824	3758312.50636009	320.70	1.50
** receptor	=B227+1 (sensitive receptor: C186)			
** DISCCART	406237.502256824	3758287.50144976	320.70	1.50
** receptor	=B228+1 (sensitive receptor: C187)			
** DISCCART	406237.502256824	3758262.50653741	320.70	1.50
** receptor	=B229+1 (sensitive receptor: C188)			
** DISCCART	406237.502256824	3758237.50162708	320.70	1.50
** receptor	=B230+1 (sensitive receptor: C189)			
** DISCCART	406237.502256824	3758212.50671473	321.40	1.50
** receptor	=B231+1 (sensitive receptor: C190)			
** DISCCART	406237.502256824	3758187.5018044	321.40	1.50
** receptor	=B232+1 (sensitive receptor: C191)			
** DISCCART	406237.502256824	3758162.50689204	318.20	1.50
** receptor	=B233+1 (sensitive receptor: C192)			
** DISCCART	406237.502256824	3758137.50198172	318.10	1.50
** receptor	=B234+1 (sensitive receptor: C193)			
** DISCCART	406262.495410886	3758512.50565081	333.30	1.50
** receptor	=B235+1 (sensitive receptor: C194)			
** DISCCART	406262.495410886	3758487.50074049	331.30	1.50
** receptor	=B236+1 (sensitive receptor: C195)			
** DISCCART	406262.495410886	3758462.50582813	328.90	1.50
** receptor	=B237+1 (sensitive receptor: C196)			
** DISCCART	406262.495410886	3758437.50091781	327.90	1.50
** receptor	=B238+1 (sensitive receptor: C197)			
** DISCCART	406262.495410886	3758412.50600545	325.20	1.50
** receptor	=B239+1 (sensitive receptor: C198)			
** DISCCART	406262.495410886	3758387.50109513	324.70	1.50
** receptor	=B240+1 (sensitive receptor: C199)			
** DISCCART	406262.495410886	3758362.50618277	324.70	1.50
** receptor	=B241+1 (sensitive receptor: C200)			
** DISCCART	406262.495410886	3758337.50127244	322.40	1.50
** receptor	=B242+1 (sensitive receptor: C201)			
** DISCCART	406262.495410886	3758312.50636009	321.40	1.50
** receptor	=B243+1 (sensitive receptor: C202)			
** DISCCART	406262.495410886	3758287.50144976	321.40	1.50
** receptor	=B244+1 (sensitive receptor: C203)			
** DISCCART	406262.495410886	3758262.50653741	321.90	1.50
** receptor	=B245+1 (sensitive receptor: C204)			
** DISCCART	406262.495410886	3758237.50162708	322.40	1.50
** receptor	=B246+1 (sensitive receptor: C205)			
** DISCCART	406262.495410886	3758212.50671473	321.40	1.50
** receptor	=B247+1 (sensitive receptor: C206)			
** DISCCART	406262.495410886	3758187.5018044	321.40	1.50
** receptor	=B248+1 (sensitive receptor: C207)			
** DISCCART	406262.495410886	3758162.50689204	321.40	1.50
** receptor	=B249+1 (sensitive receptor: C208)			
** DISCCART	406262.495410886	3758137.50198172	318.20	1.50
** receptor	=B250+1 (sensitive receptor: C209)			
** DISCCART	406287.496810791	3758512.50565081	335.80	1.50
** receptor	=B251+1 (sensitive receptor: C210)			

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** DISCCART	406287.496810791	3758487.50074049	334.50	1.50
** receptor	=B252+1 (sensitive receptor: C211)			
** DISCCART	406287.496810791	3758462.50582813	332.50	1.50
** receptor	=B253+1 (sensitive receptor: C212)			
** DISCCART	406287.496810791	3758437.50091781	330.60	1.50
** receptor	=B254+1 (sensitive receptor: C213)			
** DISCCART	406287.496810791	3758412.50600545	329.20	1.50
** receptor	=B255+1 (sensitive receptor: C214)			
** DISCCART	406287.496810791	3758387.50109513	328.00	1.50
** receptor	=B256+1 (sensitive receptor: C215)			
** DISCCART	406287.496810791	3758362.50618277	327.60	1.50
** receptor	=B257+1 (sensitive receptor: C216)			
** DISCCART	406287.496810791	3758337.50127244	327.20	1.50
** receptor	=B258+1 (sensitive receptor: C217)			
** DISCCART	406287.496810791	3758312.50636009	324.70	1.50
** receptor	=B259+1 (sensitive receptor: C218)			
** DISCCART	406287.496810791	3758287.50144976	324.70	1.50
** receptor	=B260+1 (sensitive receptor: C219)			
** DISCCART	406287.496810791	3758262.50653741	324.70	1.50
** receptor	=B261+1 (sensitive receptor: C220)			
** DISCCART	406287.496810791	3758237.50162708	324.70	1.50
** receptor	=B262+1 (sensitive receptor: C221)			
** DISCCART	406287.496810791	3758212.50671473	324.70	1.50
** receptor	=B263+1 (sensitive receptor: C222)			
** DISCCART	406287.496810791	3758187.5018044	321.40	1.50
** receptor	=B264+1 (sensitive receptor: C223)			
** DISCCART	406287.496810791	3758162.50689204	321.40	1.50
** receptor	=B265+1 (sensitive receptor: C224)			
** DISCCART	406287.496810791	3758137.50198172	321.40	1.50
** receptor	=B266+1 (sensitive receptor: C225)			
** DISCCART	406312.498210697	3758512.50565081	338.30	1.50
** receptor	=B267+1 (sensitive receptor: C226)			
** DISCCART	406312.498210697	3758487.50074049	335.50	1.50
** receptor	=B268+1 (sensitive receptor: C227)			
** DISCCART	406312.498210697	3758462.50582813	334.60	1.50
** receptor	=B269+1 (sensitive receptor: C228)			
** DISCCART	406312.498210697	3758437.50091781	334.60	1.50
** receptor	=B270+1 (sensitive receptor: C229)			
** DISCCART	406312.498210697	3758412.50600545	332.20	1.50
** receptor	=B271+1 (sensitive receptor: C230)			
** DISCCART	406312.498210697	3758387.50109513	331.30	1.50
** receptor	=B272+1 (sensitive receptor: C231)			
** DISCCART	406312.498210697	3758362.50618277	331.30	1.50
** receptor	=B273+1 (sensitive receptor: C232)			
** DISCCART	406312.498210697	3758337.50127244	328.90	1.50
** receptor	=B274+1 (sensitive receptor: C233)			
** DISCCART	406312.498210697	3758312.50636009	328.00	1.50
** receptor	=B275+1 (sensitive receptor: C234)			
** DISCCART	406312.498210697	3758287.50144976	328.00	1.50
** receptor	=B276+1 (sensitive receptor: C235)			
** DISCCART	406312.498210697	3758262.50653741	328.00	1.50
** receptor	=B277+1 (sensitive receptor: C236)			
** DISCCART	406312.498210697	3758237.50162708	328.00	1.50
** receptor	=B278+1 (sensitive receptor: C237)			
** DISCCART	406312.498210697	3758212.50671473	325.20	1.50
** receptor	=B279+1 (sensitive receptor: C238)			
** DISCCART	406312.498210697	3758187.5018044	324.70	1.50
** receptor	=B280+1 (sensitive receptor: C239)			
** DISCCART	406312.498210697	3758162.50689204	322.40	1.50
** receptor	=B281+1 (sensitive receptor: C240)			
** DISCCART	406312.498210697	3758137.50198172	321.40	1.50
** receptor	=B282+1 (sensitive receptor: C241)			
** DISCCART	406337.499610602	3758512.50565081	341.10	1.50
** receptor	=B283+1 (sensitive receptor: C242)			
** DISCCART	406337.499610602	3758487.50074049	337.80	1.50
** receptor	=B284+1 (sensitive receptor: C243)			
** DISCCART	406337.499610602	3758462.50582813	337.50	1.50
** receptor	=B285+1 (sensitive receptor: C244)			
** DISCCART	406337.499610602	3758437.50091781	337.10	1.50
** receptor	=B286+1 (sensitive receptor: C245)			
** DISCCART	406337.499610602	3758412.50600545	334.60	1.50
** receptor	=B287+1 (sensitive receptor: C246)			
** DISCCART	406337.499610602	3758387.50109513	334.60	1.50
** receptor	=B288+1 (sensitive receptor: C247)			
** DISCCART	406337.499610602	3758362.50618277	334.20	1.50
** receptor	=B289+1 (sensitive receptor: C248)			

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** DISCCART	406337.499610602	3758337.50127244	331.30	1.50
** receptor	=B290+1 (sensitive receptor: C249)			
** DISCCART	406337.499610602	3758312.50636009	331.30	1.50
** receptor	=B291+1 (sensitive receptor: C250)			
** DISCCART	406337.499610602	3758287.50144976	328.00	1.50
** receptor	=B292+1 (sensitive receptor: C251)			
** DISCCART	406337.499610602	3758262.50653741	328.00	1.50
** receptor	=B293+1 (sensitive receptor: C252)			
** DISCCART	406337.499610602	3758237.50162708	328.00	1.50
** receptor	=B294+1 (sensitive receptor: C253)			
** DISCCART	406337.499610602	3758212.50671473	326.30	1.50
** receptor	=B295+1 (sensitive receptor: C254)			
** DISCCART	406337.499610602	3758187.5018044	324.70	1.50
** receptor	=B296+1 (sensitive receptor: C255)			
** DISCCART	406337.499610602	3758162.50689204	324.70	1.50
** receptor	=B297+1 (sensitive receptor: C256)			
** DISCCART	406337.499610602	3758137.50198172	324.60	1.50
** receptor	=B298+1 (sensitive receptor: C257)			
** DISCCART	406362.501010508	3758512.50565081	343.20	1.50
** receptor	=B299+1 (sensitive receptor: C258)			
** DISCCART	406362.501010508	3758487.50074049	341.10	1.50
** receptor	=B300+1 (sensitive receptor: C259)			
** DISCCART	406362.501010508	3758462.50582813	341.10	1.50
** receptor	=B301+1 (sensitive receptor: C260)			
** DISCCART	406362.501010508	3758437.50091781	338.80	1.50
** receptor	=B302+1 (sensitive receptor: C261)			
** DISCCART	406362.501010508	3758412.50600545	338.30	1.50
** receptor	=B303+1 (sensitive receptor: C262)			
** DISCCART	406362.501010508	3758387.50109513	337.80	1.50
** receptor	=B304+1 (sensitive receptor: C263)			
** DISCCART	406362.501010508	3758362.50618277	334.60	1.50
** receptor	=B305+1 (sensitive receptor: C264)			
** DISCCART	406362.501010508	3758337.50127244	334.60	1.50
** receptor	=B306+1 (sensitive receptor: C265)			
** DISCCART	406362.501010508	3758312.50636009	334.60	1.50
** receptor	=B307+1 (sensitive receptor: C266)			
** DISCCART	406362.501010508	3758287.50144976	331.30	1.50
** receptor	=B308+1 (sensitive receptor: C267)			
** DISCCART	406362.501010508	3758262.50653741	331.30	1.50
** receptor	=B309+1 (sensitive receptor: C268)			
** DISCCART	406362.501010508	3758237.50162708	328.00	1.50
** receptor	=B310+1 (sensitive receptor: C269)			
** DISCCART	406362.501010508	3758212.50671473	325.80	1.50
** receptor	=B311+1 (sensitive receptor: C270)			
** DISCCART	406362.501010508	3758187.5018044	324.70	1.50
** receptor	=B312+1 (sensitive receptor: C271)			
** DISCCART	406362.501010508	3758162.50689204	324.20	1.50
** receptor	=B313+1 (sensitive receptor: C272)			
** DISCCART	406362.501010508	3758137.50198172	323.70	1.50
** receptor	=B314+1 (sensitive receptor: C273)			
** DISCCART	406387.502410414	3758512.50565081	344.40	1.50
** receptor	=B315+1 (sensitive receptor: C274)			
** DISCCART	406387.502410414	3758487.50074049	344.40	1.50
** receptor	=B316+1 (sensitive receptor: C275)			
** DISCCART	406387.502410414	3758462.50582813	343.70	1.50
** receptor	=B317+1 (sensitive receptor: C276)			
** DISCCART	406387.502410414	3758437.50091781	341.10	1.50
** receptor	=B318+1 (sensitive receptor: C277)			
** DISCCART	406387.502410414	3758412.50600545	341.10	1.50
** receptor	=B319+1 (sensitive receptor: C278)			
** DISCCART	406387.502410414	3758387.50109513	337.80	1.50
** receptor	=B320+1 (sensitive receptor: C279)			
** DISCCART	406387.502410414	3758362.50618277	337.80	1.50
** receptor	=B321+1 (sensitive receptor: C280)			
** DISCCART	406387.502410414	3758337.50127244	337.10	1.50
** receptor	=B322+1 (sensitive receptor: C281)			
** DISCCART	406387.502410414	3758312.50636009	334.60	1.50
** receptor	=B323+1 (sensitive receptor: C282)			
** DISCCART	406387.502410414	3758287.50144976	334.50	1.50
** receptor	=B324+1 (sensitive receptor: C283)			
** DISCCART	406387.502410414	3758262.50653741	331.30	1.50
** receptor	=B325+1 (sensitive receptor: C284)			
** DISCCART	406387.502410414	3758237.50162708	328.00	1.50
** receptor	=B326+1 (sensitive receptor: C285)			
** DISCCART	406387.502410414	3758212.50671473	324.70	1.50
** receptor	=B327+1 (sensitive receptor: C286)			

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** DISCCART	406387.502410414	3758187.5018044	322.20	1.50
** receptor	=B328+1 (sensitive receptor: C287)			
** DISCCART	406387.502410414	3758162.50689204	321.40	1.50
** receptor	=B329+1 (sensitive receptor: C288)			
** DISCCART	406387.502410414	3758137.50198172	321.40	1.50
** receptor	=B330+1 (sensitive receptor: C289)			
** DISCCART	406412.503810319	3758512.50565081	347.70	1.50
** receptor	=B331+1 (sensitive receptor: C290)			
** DISCCART	406412.503810319	3758487.50074049	344.40	1.50
** receptor	=B332+1 (sensitive receptor: C291)			
** DISCCART	406412.503810319	3758462.50582813	344.40	1.50
** receptor	=B333+1 (sensitive receptor: C292)			
** DISCCART	406412.503810319	3758437.50091781	344.40	1.50
** receptor	=B334+1 (sensitive receptor: C293)			
** DISCCART	406412.503810319	3758412.50600545	341.60	1.50
** receptor	=B335+1 (sensitive receptor: C294)			
** DISCCART	406412.503810319	3758387.50109513	341.10	1.50
** receptor	=B336+1 (sensitive receptor: C295)			
** DISCCART	406412.503810319	3758362.50618277	339.90	1.50
** receptor	=B337+1 (sensitive receptor: C296)			
** DISCCART	406412.503810319	3758337.50127244	337.80	1.50
** receptor	=B338+1 (sensitive receptor: C297)			
** DISCCART	406412.503810319	3758312.50636009	336.60	1.50
** receptor	=B339+1 (sensitive receptor: C298)			
** DISCCART	406412.503810319	3758287.50144976	334.60	1.50
** receptor	=B340+1 (sensitive receptor: C299)			
** DISCCART	406412.503810319	3758262.50653741	330.80	1.50
** receptor	=B341+1 (sensitive receptor: C300)			
** DISCCART	406412.503810319	3758237.50162708	324.70	1.50
** receptor	=B342+1 (sensitive receptor: C301)			
** DISCCART	406412.503810319	3758212.50671473	322.60	1.50
** receptor	=B343+1 (sensitive receptor: C302)			
** DISCCART	406412.503810319	3758187.5018044	321.40	1.50
** receptor	=B344+1 (sensitive receptor: C303)			
** DISCCART	406412.503810319	3758162.50689204	321.40	1.50
** receptor	=B345+1 (sensitive receptor: C304)			
** DISCCART	406412.503810319	3758137.50198172	321.40	1.50
** receptor	=B346+1 (sensitive receptor: C305)			
** DISCCART	406437.496964381	3758512.50565081	348.90	1.50
** receptor	=B347+1 (sensitive receptor: C306)			
** DISCCART	406437.496964381	3758487.50074049	347.70	1.50
** receptor	=B348+1 (sensitive receptor: C307)			
** DISCCART	406437.496964381	3758462.50582813	345.60	1.50
** receptor	=B349+1 (sensitive receptor: C308)			
** DISCCART	406437.496964381	3758437.50091781	344.40	1.50
** receptor	=B350+1 (sensitive receptor: C309)			
** DISCCART	406437.496964381	3758412.50600545	344.40	1.50
** receptor	=B351+1 (sensitive receptor: C310)			
** DISCCART	406437.496964381	3758387.50109513	343.60	1.50
** receptor	=B352+1 (sensitive receptor: C311)			
** DISCCART	406437.496964381	3758362.50618277	341.10	1.50
** receptor	=B353+1 (sensitive receptor: C312)			
** DISCCART	406437.496964381	3758337.50127244	341.10	1.50
** receptor	=B354+1 (sensitive receptor: C313)			
** DISCCART	406437.496964381	3758312.50636009	337.80	1.50
** receptor	=B355+1 (sensitive receptor: C314)			
** DISCCART	406437.496964381	3758287.50144976	334.60	1.50
** receptor	=B356+1 (sensitive receptor: C315)			
** DISCCART	406437.496964381	3758262.50653741	328.20	1.50
** receptor	=B357+1 (sensitive receptor: C316)			
** DISCCART	406437.496964381	3758237.50162708	322.10	1.50
** receptor	=B358+1 (sensitive receptor: C317)			
** DISCCART	406437.496964381	3758212.50671473	321.40	1.50
** receptor	=B359+1 (sensitive receptor: C318)			
** DISCCART	406437.496964381	3758187.5018044	321.40	1.50
** receptor	=B360+1 (sensitive receptor: C319)			
** DISCCART	406437.496964381	3758162.50689204	321.40	1.50
** receptor	=B361+1 (sensitive receptor: C320)			
** DISCCART	406437.496964381	3758137.50198172	321.40	1.50
** receptor	=B362+1 (sensitive receptor: C321)			
** DISCCART	406462.498364286	3758512.50565081	351.00	1.50
** receptor	=B363+1 (sensitive receptor: C322)			
** DISCCART	406462.498364286	3758487.50074049	347.70	1.50
** receptor	=B364+1 (sensitive receptor: C323)			
** DISCCART	406462.498364286	3758462.50582813	347.70	1.50
** receptor	=B365+1 (sensitive receptor: C324)			

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** DISCCART	406462.498364286	3758437.50091781	345.30	1.50
** receptor	=B366+1 (sensitive receptor: C325)			
** DISCCART	406462.498364286	3758412.50600545	344.40	1.50
** receptor	=B367+1 (sensitive receptor: C326)			
** DISCCART	406462.498364286	3758387.50109513	344.40	1.50
** receptor	=B368+1 (sensitive receptor: C327)			
** DISCCART	406462.498364286	3758362.50618277	343.20	1.50
** receptor	=B369+1 (sensitive receptor: C328)			
** DISCCART	406462.498364286	3758337.50127244	341.10	1.50
** receptor	=B370+1 (sensitive receptor: C329)			
** DISCCART	406462.498364286	3758312.50636009	339.90	1.50
** receptor	=B371+1 (sensitive receptor: C330)			
** DISCCART	406462.498364286	3758287.50144976	335.50	1.50
** receptor	=B372+1 (sensitive receptor: C331)			
** DISCCART	406462.498364286	3758262.50653741	325.80	1.50
** receptor	=B373+1 (sensitive receptor: C332)			
** DISCCART	406462.498364286	3758237.50162708	321.40	1.50
** receptor	=B374+1 (sensitive receptor: C333)			
** DISCCART	406462.498364286	3758212.50671473	321.40	1.50
** receptor	=B375+1 (sensitive receptor: C334)			
** DISCCART	406462.498364286	3758187.5018044	322.40	1.50
** receptor	=B376+1 (sensitive receptor: C335)			
** DISCCART	406462.498364286	3758162.50689204	323.60	1.50
** receptor	=B377+1 (sensitive receptor: C336)			
** DISCCART	406462.498364286	3758137.50198172	325.60	1.50
** receptor	=B378+1 (sensitive receptor: C337)			
** DISCCART	406487.499764192	3758512.50565081	353.90	1.50
** receptor	=B379+1 (sensitive receptor: C338)			
** DISCCART	406487.499764192	3758487.50074049	350.90	1.50
** receptor	=B380+1 (sensitive receptor: C339)			
** DISCCART	406487.499764192	3758462.50582813	347.70	1.50
** receptor	=B381+1 (sensitive receptor: C340)			
** DISCCART	406487.499764192	3758437.50091781	347.70	1.50
** receptor	=B382+1 (sensitive receptor: C341)			
** DISCCART	406487.499764192	3758412.50600545	344.40	1.50
** receptor	=B383+1 (sensitive receptor: C342)			
** DISCCART	406487.499764192	3758387.50109513	344.40	1.50
** receptor	=B384+1 (sensitive receptor: C343)			
** DISCCART	406487.499764192	3758362.50618277	344.40	1.50
** receptor	=B385+1 (sensitive receptor: C344)			
** DISCCART	406487.499764192	3758337.50127244	341.10	1.50
** receptor	=B386+1 (sensitive receptor: C345)			
** DISCCART	406487.499764192	3758312.50636009	341.10	1.50
** receptor	=B387+1 (sensitive receptor: C346)			
** DISCCART	406487.499764192	3758287.50144976	337.80	1.50
** receptor	=B388+1 (sensitive receptor: C347)			
** DISCCART	406487.499764192	3758262.50653741	323.30	1.50
** receptor	=B389+1 (sensitive receptor: C348)			
** DISCCART	406487.499764192	3758237.50162708	321.40	1.50
** receptor	=B390+1 (sensitive receptor: C349)			
** DISCCART	406487.499764192	3758212.50671473	324.40	1.50
** receptor	=B391+1 (sensitive receptor: C350)			
** DISCCART	406487.499764192	3758187.5018044	327.30	1.50
** receptor	=B392+1 (sensitive receptor: C351)			
** DISCCART	406487.499764192	3758162.50689204	328.00	1.50
** receptor	=B393+1 (sensitive receptor: C352)			
** DISCCART	406487.499764192	3758137.50198172	330.60	1.50
** receptor	=B394+1 (sensitive receptor: C353)			
** DISCCART	406512.501164097	3758512.50565081	354.20	1.50
** receptor	=B395+1 (sensitive receptor: C354)			
** DISCCART	406512.501164097	3758487.50074049	351.00	1.50
** receptor	=B396+1 (sensitive receptor: C355)			
** DISCCART	406512.501164097	3758462.50582813	347.70	1.50
** receptor	=B397+1 (sensitive receptor: C356)			
** DISCCART	406512.501164097	3758437.50091781	344.40	1.50
** receptor	=B398+1 (sensitive receptor: C357)			
** DISCCART	406512.501164097	3758412.50600545	344.40	1.50
** receptor	=B399+1 (sensitive receptor: C358)			
** DISCCART	406512.501164097	3758387.50109513	344.40	1.50
** receptor	=B400+1 (sensitive receptor: C359)			
** DISCCART	406512.501164097	3758362.50618277	342.20	1.50
** receptor	=B401+1 (sensitive receptor: C360)			
** DISCCART	406512.501164097	3758337.50127244	341.10	1.50
** receptor	=B402+1 (sensitive receptor: C361)			
** DISCCART	406512.501164097	3758312.50636009	338.50	1.50
** receptor	=B403+1 (sensitive receptor: C362)			

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** DISCCART	406512.501164097	3758287.50144976	331.20	1.50
** receptor	=B404+1 (sensitive receptor: C363)			
** DISCCART	406512.501164097	3758262.50653741	321.40	1.50
** receptor	=B405+1 (sensitive receptor: C364)			
** DISCCART	406512.501164097	3758237.50162708	323.40	1.50
** receptor	=B406+1 (sensitive receptor: C365)			
** DISCCART	406512.501164097	3758212.50671473	334.40	1.50
** receptor	=B407+1 (sensitive receptor: C366)			
** DISCCART	406512.501164097	3758187.5018044	334.60	1.50
** receptor	=B408+1 (sensitive receptor: C367)			
** DISCCART	406512.501164097	3758162.50689204	334.60	1.50
** receptor	=B409+1 (sensitive receptor: C368)			
** DISCCART	406512.501164097	3758137.50198172	334.60	1.50
** receptor	=B410+1 (sensitive receptor: C369)			
** DISCCART	406537.502564003	3758512.50565081	355.80	1.50
** receptor	=B411+1 (sensitive receptor: C370)			
** DISCCART	406537.502564003	3758487.50074049	351.00	1.50
** receptor	=B412+1 (sensitive receptor: C371)			
** DISCCART	406537.502564003	3758462.50582813	347.70	1.50
** receptor	=B413+1 (sensitive receptor: C372)			
** DISCCART	406537.502564003	3758437.50091781	344.40	1.50
** receptor	=B414+1 (sensitive receptor: C373)			
** DISCCART	406537.502564003	3758412.50600545	344.40	1.50
** receptor	=B415+1 (sensitive receptor: C374)			
** DISCCART	406537.502564003	3758387.50109513	341.80	1.50
** receptor	=B416+1 (sensitive receptor: C375)			
** DISCCART	406537.502564003	3758362.50618277	339.80	1.50
** receptor	=B417+1 (sensitive receptor: C376)			
** DISCCART	406537.502564003	3758337.50127244	337.80	1.50
** receptor	=B418+1 (sensitive receptor: C377)			
** DISCCART	406537.502564003	3758312.50636009	336.10	1.50
** receptor	=B419+1 (sensitive receptor: C378)			
** DISCCART	406537.502564003	3758287.50144976	333.80	1.50
** receptor	=B420+1 (sensitive receptor: C379)			
** DISCCART	406537.502564003	3758262.50653741	334.50	1.50
** receptor	=B421+1 (sensitive receptor: C380)			
** DISCCART	406537.502564003	3758237.50162708	343.60	1.50
** receptor	=B422+1 (sensitive receptor: C381)			
** DISCCART	406537.502564003	3758212.50671473	340.70	1.50
** receptor	=B423+1 (sensitive receptor: C382)			
** DISCCART	406537.502564003	3758187.5018044	337.80	1.50
** receptor	=B424+1 (sensitive receptor: C383)			
** DISCCART	406537.502564003	3758162.50689204	335.80	1.50
** receptor	=B425+1 (sensitive receptor: C384)			
** DISCCART	406537.502564003	3758137.50198172	334.60	1.50
** receptor	=B426+1 (sensitive receptor: C385)			
** DISCCART	406562.495718064	3758512.50565081	356.30	1.50
** receptor	=B427+1 (sensitive receptor: C386)			
** DISCCART	406562.495718064	3758487.50074049	351.00	1.50
** receptor	=B428+1 (sensitive receptor: C387)			
** DISCCART	406562.495718064	3758462.50582813	347.20	1.50
** receptor	=B429+1 (sensitive receptor: C388)			
** DISCCART	406562.495718064	3758437.50091781	344.40	1.50
** receptor	=B430+1 (sensitive receptor: C389)			
** DISCCART	406562.495718064	3758412.50600545	341.10	1.50
** receptor	=B431+1 (sensitive receptor: C390)			
** DISCCART	406562.495718064	3758387.50109513	337.80	1.50
** receptor	=B432+1 (sensitive receptor: C391)			
** DISCCART	406562.495718064	3758362.50618277	337.80	1.50
** receptor	=B433+1 (sensitive receptor: C392)			
** DISCCART	406562.495718064	3758337.50127244	337.80	1.50
** receptor	=B434+1 (sensitive receptor: C393)			
** DISCCART	406562.495718064	3758312.50636009	338.80	1.50
** receptor	=B435+1 (sensitive receptor: C394)			
** DISCCART	406562.495718064	3758287.50144976	341.10	1.50
** receptor	=B436+1 (sensitive receptor: C395)			
** DISCCART	406562.495718064	3758262.50653741	343.30	1.50
** receptor	=B437+1 (sensitive receptor: C396)			
** DISCCART	406562.495718064	3758237.50162708	344.40	1.50
** receptor	=B438+1 (sensitive receptor: C397)			
** DISCCART	406562.495718064	3758212.50671473	342.00	1.50
** receptor	=B439+1 (sensitive receptor: C398)			
** DISCCART	406562.495718064	3758187.5018044	341.10	1.50
** receptor	=B440+1 (sensitive receptor: C399)			
** DISCCART	406562.495718064	3758162.50689204	338.80	1.50
** receptor	=B441+1 (sensitive receptor: C400)			

Appendix B

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** DISCCART	406562.495718064	3758137.50198172	337.80	1.50
** receptor	=B442+1 (sensitive receptor: C401)			
** DISCCART	406587.49711797	3758512.50565081	357.50	1.50
** receptor	=B443+1 (sensitive receptor: C402)			
** DISCCART	406587.49711797	3758487.50074049	351.60	1.50
** receptor	=B444+1 (sensitive receptor: C403)			
** DISCCART	406587.49711797	3758462.50582813	346.00	1.50
** receptor	=B445+1 (sensitive receptor: C404)			
** DISCCART	406587.49711797	3758437.50091781	341.10	1.50
** receptor	=B446+1 (sensitive receptor: C405)			
** DISCCART	406587.49711797	3758412.50600545	341.10	1.50
** receptor	=B447+1 (sensitive receptor: C406)			
** DISCCART	406587.49711797	3758387.50109513	340.30	1.50
** receptor	=B448+1 (sensitive receptor: C407)			
** DISCCART	406587.49711797	3758362.50618277	339.20	1.50
** receptor	=B449+1 (sensitive receptor: C408)			
** DISCCART	406587.49711797	3758337.50127244	340.50	1.50
** receptor	=B450+1 (sensitive receptor: C409)			
** DISCCART	406587.49711797	3758312.50636009	344.10	1.50
** receptor	=B451+1 (sensitive receptor: C410)			
** DISCCART	406587.49711797	3758287.50144976	344.40	1.50
** receptor	=B452+1 (sensitive receptor: C411)			
** DISCCART	406587.49711797	3758262.50653741	344.40	1.50
** receptor	=B453+1 (sensitive receptor: C412)			
** DISCCART	406587.49711797	3758237.50162708	344.40	1.50
** receptor	=B454+1 (sensitive receptor: C413)			
** DISCCART	406587.49711797	3758212.50671473	344.40	1.50
** receptor	=B455+1 (sensitive receptor: C414)			
** DISCCART	406587.49711797	3758187.5018044	343.70	1.50
** receptor	=B456+1 (sensitive receptor: C415)			
** DISCCART	406587.49711797	3758162.50689204	341.10	1.50
** receptor	=B457+1 (sensitive receptor: C416)			
** DISCCART	406587.49711797	3758137.50198172	340.40	1.50
** receptor	=B458+1 (sensitive receptor: C417)			
** DISCCART	406612.498517875	3758512.50565081	357.50	1.50
** receptor	=B459+1 (sensitive receptor: C418)			
** DISCCART	406612.498517875	3758487.50074049	350.90	1.50
** receptor	=B460+1 (sensitive receptor: C419)			
** DISCCART	406612.498517875	3758462.50582813	343.60	1.50
** receptor	=B461+1 (sensitive receptor: C420)			
** DISCCART	406612.498517875	3758437.50091781	341.10	1.50
** receptor	=B462+1 (sensitive receptor: C421)			
** DISCCART	406612.498517875	3758412.50600545	341.10	1.50
** receptor	=B463+1 (sensitive receptor: C422)			
** DISCCART	406612.498517875	3758387.50109513	338.80	1.50
** receptor	=B464+1 (sensitive receptor: C423)			
** DISCCART	406612.498517875	3758362.50618277	343.30	1.50
** receptor	=B465+1 (sensitive receptor: C424)			
** DISCCART	406612.498517875	3758337.50127244	346.30	1.50
** receptor	=B466+1 (sensitive receptor: C425)			
** DISCCART	406612.498517875	3758312.50636009	349.10	1.50
** receptor	=B467+1 (sensitive receptor: C426)			
** DISCCART	406612.498517875	3758287.50144976	348.60	1.50
** receptor	=B468+1 (sensitive receptor: C427)			
** DISCCART	406612.498517875	3758262.50653741	348.60	1.50
** receptor	=B469+1 (sensitive receptor: C428)			
** DISCCART	406612.498517875	3758237.50162708	347.70	1.50
** receptor	=B470+1 (sensitive receptor: C429)			
** DISCCART	406612.498517875	3758212.50671473	346.40	1.50
** receptor	=B471+1 (sensitive receptor: C430)			
** DISCCART	406612.498517875	3758187.5018044	344.40	1.50
** receptor	=B472+1 (sensitive receptor: C431)			
** DISCCART	406612.498517875	3758162.50689204	344.40	1.50
** receptor	=B473+1 (sensitive receptor: C432)			
** DISCCART	406612.498517875	3758137.50198172	344.40	1.50
** receptor	=B474+1 (sensitive receptor: C433)			
** DISCCART	406637.499917781	3758512.50565081	354.60	1.50
** receptor	=B475+1 (sensitive receptor: C434)			
** DISCCART	406637.499917781	3758487.50074049	350.90	1.50
** receptor	=B476+1 (sensitive receptor: C435)			
** DISCCART	406637.499917781	3758462.50582813	346.00	1.50
** receptor	=B477+1 (sensitive receptor: C436)			
** DISCCART	406637.499917781	3758437.50091781	341.10	1.50
** receptor	=B478+1 (sensitive receptor: C437)			
** DISCCART	406637.499917781	3758412.50600545	342.50	1.50
** receptor	=B479+1 (sensitive receptor: C438)			

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** DISCCART	406637.499917781	3758387.50109513	347.00	1.50
** receptor	=B480+1 (sensitive receptor: C439)			
** DISCCART	406637.499917781	3758362.50618277	352.00	1.50
** receptor	=B481+1 (sensitive receptor: C440)			
** DISCCART	406637.499917781	3758337.50127244	356.80	1.50
** receptor	=B482+1 (sensitive receptor: C441)			
** DISCCART	406637.499917781	3758312.50636009	357.10	1.50
** receptor	=B483+1 (sensitive receptor: C442)			
** DISCCART	406637.499917781	3758287.50144976	354.20	1.50
** receptor	=B484+1 (sensitive receptor: C443)			
** DISCCART	406637.499917781	3758262.50653741	352.20	1.50
** receptor	=B485+1 (sensitive receptor: C444)			
** DISCCART	406637.499917781	3758237.50162708	350.20	1.50
** receptor	=B486+1 (sensitive receptor: C445)			
** DISCCART	406637.499917781	3758212.50671473	347.70	1.50
** receptor	=B487+1 (sensitive receptor: C446)			
** DISCCART	406637.499917781	3758187.5018044	346.90	1.50
** receptor	=B488+1 (sensitive receptor: C447)			
** DISCCART	406637.499917781	3758162.50689204	344.40	1.50
** receptor	=B489+1 (sensitive receptor: C448)			
** DISCCART	406637.499917781	3758137.50198172	344.40	1.50
** receptor	=B490+1 (sensitive receptor: C449)			
** DISCCART	406662.501317687	3758512.50565081	357.50	1.50
** receptor	=B491+1 (sensitive receptor: C450)			
** DISCCART	406662.501317687	3758487.50074049	354.30	1.50
** receptor	=B492+1 (sensitive receptor: C451)			
** DISCCART	406662.501317687	3758462.50582813	351.80	1.50
** receptor	=B493+1 (sensitive receptor: C452)			
** DISCCART	406662.501317687	3758437.50091781	352.00	1.50
** receptor	=B494+1 (sensitive receptor: C453)			
** DISCCART	406662.501317687	3758412.50600545	355.20	1.50
** receptor	=B495+1 (sensitive receptor: C454)			
** DISCCART	406662.501317687	3758387.50109513	355.20	1.50
** receptor	=B496+1 (sensitive receptor: C455)			
** DISCCART	406662.501317687	3758362.50618277	358.40	1.50
** receptor	=B497+1 (sensitive receptor: C456)			
** DISCCART	406662.501317687	3758337.50127244	360.80	1.50
** receptor	=B498+1 (sensitive receptor: C457)			
** DISCCART	406662.501317687	3758312.50636009	359.60	1.50
** receptor	=B499+1 (sensitive receptor: C458)			
** DISCCART	406662.501317687	3758287.50144976	357.50	1.50
** receptor	=B500+1 (sensitive receptor: C459)			
** DISCCART	406662.501317687	3758262.50653741	354.20	1.50
** receptor	=B501+1 (sensitive receptor: C460)			
** DISCCART	406662.501317687	3758237.50162708	351.90	1.50
** receptor	=B502+1 (sensitive receptor: C461)			
** DISCCART	406662.501317687	3758212.50671473	351.00	1.50
** receptor	=B503+1 (sensitive receptor: C462)			
** DISCCART	406662.501317687	3758187.5018044	347.70	1.50
** receptor	=B504+1 (sensitive receptor: C463)			
** DISCCART	406662.501317687	3758162.50689204	347.70	1.50
** receptor	=B505+1 (sensitive receptor: C464)			
** DISCCART	406662.501317687	3758137.50198172	344.40	1.50
** receptor	=B506+1 (sensitive receptor: C465)			
** DISCCART	406687.502717592	3758512.50565081	357.50	1.50
** receptor	=B507+1 (sensitive receptor: C466)			
** DISCCART	406687.502717592	3758487.50074049	357.50	1.50
** receptor	=B508+1 (sensitive receptor: C467)			
** DISCCART	406687.502717592	3758462.50582813	357.50	1.50
** receptor	=B509+1 (sensitive receptor: C468)			
** DISCCART	406687.502717592	3758437.50091781	360.10	1.50
** receptor	=B510+1 (sensitive receptor: C469)			
** DISCCART	406687.502717592	3758412.50600545	360.80	1.50
** receptor	=B511+1 (sensitive receptor: C470)			
** DISCCART	406687.502717592	3758387.50109513	360.10	1.50
** receptor	=B512+1 (sensitive receptor: C471)			
** DISCCART	406687.502717592	3758362.50618277	362.10	1.50
** receptor	=B513+1 (sensitive receptor: C472)			
** DISCCART	406687.502717592	3758337.50127244	363.30	1.50
** receptor	=B514+1 (sensitive receptor: C473)			
** DISCCART	406687.502717592	3758312.50636009	360.80	1.50
** receptor	=B515+1 (sensitive receptor: C474)			
** DISCCART	406687.502717592	3758287.50144976	357.50	1.50
** receptor	=B516+1 (sensitive receptor: C475)			
** DISCCART	406687.502717592	3758262.50653741	355.80	1.50
** receptor	=B517+1 (sensitive receptor: C476)			

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** DISCCART	406687.502717592	3758237.50162708	354.20	1.50
** receptor	=B518+1 (sensitive receptor: C477)			
** DISCCART	406687.502717592	3758212.50671473	351.00	1.50
** receptor	=B519+1 (sensitive receptor: C478)			
** DISCCART	406687.502717592	3758187.5018044	350.90	1.50
** receptor	=B520+1 (sensitive receptor: C479)			
** DISCCART	406687.502717592	3758162.50689204	347.70	1.50
** receptor	=B521+1 (sensitive receptor: C480)			
** DISCCART	406687.502717592	3758137.50198172	344.40	1.50
** receptor	=B522+1 (sensitive receptor: C481)			
** DISCCART	406712.495871654	3758512.50565081	357.50	1.50
** receptor	=B523+1 (sensitive receptor: C482)			
** DISCCART	406712.495871654	3758487.50074049	358.50	1.50
** receptor	=B524+1 (sensitive receptor: C483)			
** DISCCART	406712.495871654	3758462.50582813	360.80	1.50
** receptor	=B525+1 (sensitive receptor: C484)			
** DISCCART	406712.495871654	3758437.50091781	361.70	1.50
** receptor	=B526+1 (sensitive receptor: C485)			
** DISCCART	406712.495871654	3758412.50600545	364.10	1.50
** receptor	=B527+1 (sensitive receptor: C486)			
** DISCCART	406712.495871654	3758387.50109513	364.10	1.50
** receptor	=B528+1 (sensitive receptor: C487)			
** DISCCART	406712.495871654	3758362.50618277	364.10	1.50
** receptor	=B529+1 (sensitive receptor: C488)			
** DISCCART	406712.495871654	3758337.50127244	364.00	1.50
** receptor	=B530+1 (sensitive receptor: C489)			
** DISCCART	406712.495871654	3758312.50636009	360.80	1.50
** receptor	=B531+1 (sensitive receptor: C490)			
** DISCCART	406712.495871654	3758287.50144976	357.50	1.50
** receptor	=B532+1 (sensitive receptor: C491)			
** DISCCART	406712.495871654	3758262.50653741	357.50	1.50
** receptor	=B533+1 (sensitive receptor: C492)			
** DISCCART	406712.495871654	3758237.50162708	354.20	1.50
** receptor	=B534+1 (sensitive receptor: C493)			
** DISCCART	406712.495871654	3758212.50671473	354.20	1.50
** receptor	=B535+1 (sensitive receptor: C494)			
** DISCCART	406712.495871654	3758187.5018044	351.00	1.50
** receptor	=B536+1 (sensitive receptor: C495)			
** DISCCART	406712.495871654	3758162.50689204	348.10	1.50
** receptor	=B537+1 (sensitive receptor: C496)			
** DISCCART	406712.495871654	3758137.50198172	344.40	1.50
** receptor	=B538+1 (sensitive receptor: C497)			
** DISCCART	406737.497271559	3758512.50565081	359.20	1.50
** receptor	=B539+1 (sensitive receptor: C498)			
** DISCCART	406737.497271559	3758487.50074049	360.90	1.50
** receptor	=B540+1 (sensitive receptor: C499)			
** DISCCART	406737.497271559	3758462.50582813	363.70	1.50
** receptor	=B541+1 (sensitive receptor: C500)			
** DISCCART	406737.497271559	3758437.50091781	364.10	1.50
** receptor	=B542+1 (sensitive receptor: C501)			
** DISCCART	406737.497271559	3758412.50600545	365.40	1.50
** receptor	=B543+1 (sensitive receptor: C502)			
** DISCCART	406737.497271559	3758387.50109513	366.70	1.50
** receptor	=B544+1 (sensitive receptor: C503)			
** DISCCART	406737.497271559	3758362.50618277	367.40	1.50
** receptor	=B545+1 (sensitive receptor: C504)			
** DISCCART	406737.497271559	3758337.50127244	364.10	1.50
** receptor	=B546+1 (sensitive receptor: C505)			
** DISCCART	406737.497271559	3758312.50636009	362.00	1.50
** receptor	=B547+1 (sensitive receptor: C506)			
** DISCCART	406737.497271559	3758287.50144976	360.80	1.50
** receptor	=B548+1 (sensitive receptor: C507)			
** DISCCART	406737.497271559	3758262.50653741	357.50	1.50
** receptor	=B549+1 (sensitive receptor: C508)			
** DISCCART	406737.497271559	3758237.50162708	357.50	1.50
** receptor	=B550+1 (sensitive receptor: C509)			
** DISCCART	406737.497271559	3758212.50671473	354.20	1.50
** receptor	=B551+1 (sensitive receptor: C510)			
** DISCCART	406737.497271559	3758187.5018044	351.00	1.50
** receptor	=B552+1 (sensitive receptor: C511)			
** DISCCART	406737.497271559	3758162.50689204	347.70	1.50
** receptor	=B553+1 (sensitive receptor: C512)			
** DISCCART	406737.497271559	3758137.50198172	344.40	1.50
** receptor	=B554+1 (sensitive receptor: C513)			
** DISCCART	406762.498671465	3758512.50565081	360.80	1.50
** receptor	=B555+1 (sensitive receptor: C514)			

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** DISCCART	406762.498671465	3758487.50074049	364.10	1.50
** receptor	=B556+1 (sensitive receptor: C515)			
** DISCCART	406762.498671465	3758462.50582813	365.00	1.50
** receptor	=B557+1 (sensitive receptor: C516)			
** DISCCART	406762.498671465	3758437.50091781	367.40	1.50
** receptor	=B558+1 (sensitive receptor: C517)			
** DISCCART	406762.498671465	3758412.50600545	367.40	1.50
** receptor	=B559+1 (sensitive receptor: C518)			
** DISCCART	406762.498671465	3758387.50109513	367.40	1.50
** receptor	=B560+1 (sensitive receptor: C519)			
** DISCCART	406762.498671465	3758362.50618277	368.30	1.50
** receptor	=B561+1 (sensitive receptor: C520)			
** DISCCART	406762.498671465	3758337.50127244	367.30	1.50
** receptor	=B562+1 (sensitive receptor: C521)			
** DISCCART	406762.498671465	3758312.50636009	364.50	1.50
** receptor	=B563+1 (sensitive receptor: C522)			
** DISCCART	406762.498671465	3758287.50144976	361.70	1.50
** receptor	=B564+1 (sensitive receptor: C523)			
** DISCCART	406762.498671465	3758262.50653741	360.80	1.50
** receptor	=B565+1 (sensitive receptor: C524)			
** DISCCART	406762.498671465	3758237.50162708	357.50	1.50
** receptor	=B566+1 (sensitive receptor: C525)			
** DISCCART	406762.498671465	3758212.50671473	356.30	1.50
** receptor	=B567+1 (sensitive receptor: C526)			
** DISCCART	406762.498671465	3758187.5018044	351.00	1.50
** receptor	=B568+1 (sensitive receptor: C527)			
** DISCCART	406762.498671465	3758162.50689204	347.70	1.50
** receptor	=B569+1 (sensitive receptor: C528)			
** DISCCART	406762.498671465	3758137.50198172	344.40	1.50
** receptor	=B570+1 (sensitive receptor: C529)			
** DISCCART	406787.50007137	3758512.50565081	360.80	1.50
** receptor	=B571+1 (sensitive receptor: C530)			
** DISCCART	406787.50007137	3758487.50074049	364.20	1.50
** receptor	=B572+1 (sensitive receptor: C531)			
** DISCCART	406787.50007137	3758462.50582813	367.40	1.50
** receptor	=B573+1 (sensitive receptor: C532)			
** DISCCART	406787.50007137	3758437.50091781	369.90	1.50
** receptor	=B574+1 (sensitive receptor: C533)			
** DISCCART	406787.50007137	3758412.50600545	370.60	1.50
** receptor	=B575+1 (sensitive receptor: C534)			
** DISCCART	406787.50007137	3758387.50109513	370.70	1.50
** receptor	=B576+1 (sensitive receptor: C535)			
** DISCCART	406787.50007137	3758362.50618277	371.90	1.50
** receptor	=B577+1 (sensitive receptor: C536)			
** DISCCART	406787.50007137	3758337.50127244	369.90	1.50
** receptor	=B578+1 (sensitive receptor: C537)			
** DISCCART	406787.50007137	3758312.50636009	367.40	1.50
** receptor	=B579+1 (sensitive receptor: C538)			
** DISCCART	406787.50007137	3758287.50144976	366.60	1.50
** receptor	=B580+1 (sensitive receptor: C539)			
** DISCCART	406787.50007137	3758262.50653741	362.00	1.50
** receptor	=B581+1 (sensitive receptor: C540)			
** DISCCART	406787.50007137	3758237.50162708	360.70	1.50
** receptor	=B582+1 (sensitive receptor: C541)			
** DISCCART	406787.50007137	3758212.50671473	357.50	1.50
** receptor	=B583+1 (sensitive receptor: C542)			
** DISCCART	406787.50007137	3758187.5018044	351.00	1.50
** receptor	=B584+1 (sensitive receptor: C543)			
** DISCCART	406787.50007137	3758162.50689204	347.70	1.50
** receptor	=B585+1 (sensitive receptor: C544)			
** DISCCART	406787.50007137	3758137.50198172	341.80	1.50
** receptor	=B586+1 (sensitive receptor: C545)			
** DISCCART	406812.501471276	3758512.50565081	363.00	1.50
** receptor	=B587+1 (sensitive receptor: C546)			
** DISCCART	406812.501471276	3758487.50074049	367.40	1.50
** receptor	=B588+1 (sensitive receptor: C547)			
** DISCCART	406812.501471276	3758462.50582813	369.50	1.50
** receptor	=B589+1 (sensitive receptor: C548)			
** DISCCART	406812.501471276	3758437.50091781	371.60	1.50
** receptor	=B590+1 (sensitive receptor: C549)			
** DISCCART	406812.501471276	3758412.50600545	374.40	1.50
** receptor	=B591+1 (sensitive receptor: C550)			
** DISCCART	406812.501471276	3758387.50109513	374.80	1.50
** receptor	=B592+1 (sensitive receptor: C551)			
** DISCCART	406812.501471276	3758362.50618277	374.80	1.50
** receptor	=B593+1 (sensitive receptor: C552)			

Appendix B

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** DISCCART	406812.501471276	3758337.50127244	373.90	1.50
** receptor	=B594+1 (sensitive receptor: C553)			
** DISCCART	406812.501471276	3758312.50636009	369.40	1.50
** receptor	=B595+1 (sensitive receptor: C554)			
** DISCCART	406812.501471276	3758287.50144976	367.40	1.50
** receptor	=B596+1 (sensitive receptor: C555)			
** DISCCART	406812.501471276	3758262.50653741	364.50	1.50
** receptor	=B597+1 (sensitive receptor: C556)			
** DISCCART	406812.501471276	3758237.50162708	360.80	1.50
** receptor	=B598+1 (sensitive receptor: C557)			
** DISCCART	406812.501471276	3758212.50671473	357.50	1.50
** receptor	=B599+1 (sensitive receptor: C558)			
** DISCCART	406812.501471276	3758187.5018044	354.20	1.50
** receptor	=B600+1 (sensitive receptor: C559)			
** DISCCART	406812.501471276	3758162.50689204	346.00	1.50
** receptor	=B601+1 (sensitive receptor: C560)			
** DISCCART	406812.501471276	3758137.50198172	341.10	1.50
** receptor	=B602+1 (sensitive receptor: C561)			
** DISCCART	406837.502871182	3758512.50565081	366.60	1.50
** receptor	=B603+1 (sensitive receptor: C562)			
** DISCCART	406837.502871182	3758487.50074049	367.40	1.50
** receptor	=B604+1 (sensitive receptor: C563)			
** DISCCART	406837.502871182	3758462.50582813	370.60	1.50
** receptor	=B605+1 (sensitive receptor: C564)			
** DISCCART	406837.502871182	3758437.50091781	374.00	1.50
** receptor	=B606+1 (sensitive receptor: C565)			
** DISCCART	406837.502871182	3758412.50600545	378.50	1.50
** receptor	=B607+1 (sensitive receptor: C566)			
** DISCCART	406837.502871182	3758387.50109513	379.80	1.50
** receptor	=B608+1 (sensitive receptor: C567)			
** DISCCART	406837.502871182	3758362.50618277	378.40	1.50
** receptor	=B609+1 (sensitive receptor: C568)			
** DISCCART	406837.502871182	3758337.50127244	377.20	1.50
** receptor	=B610+1 (sensitive receptor: C569)			
** DISCCART	406837.502871182	3758312.50636009	373.50	1.50
** receptor	=B611+1 (sensitive receptor: C570)			
** DISCCART	406837.502871182	3758287.50144976	367.40	1.50
** receptor	=B612+1 (sensitive receptor: C571)			
** DISCCART	406837.502871182	3758262.50653741	362.70	1.50
** receptor	=B613+1 (sensitive receptor: C572)			
** DISCCART	406837.502871182	3758237.50162708	358.20	1.50
** receptor	=B614+1 (sensitive receptor: C573)			
** DISCCART	406837.502871182	3758212.50671473	357.50	1.50
** receptor	=B615+1 (sensitive receptor: C574)			
** DISCCART	406837.502871182	3758187.5018044	354.20	1.50
** receptor	=B616+1 (sensitive receptor: C575)			
** DISCCART	406837.502871182	3758162.50689204	348.50	1.50
** receptor	=B617+1 (sensitive receptor: C576)			
** DISCCART	406837.502871182	3758137.50198172	343.70	1.50
** receptor	=B618+1 (sensitive receptor: C577)			
** DISCCART	406862.496025243	3758512.50565081	368.30	1.50
** receptor	=B619+1 (sensitive receptor: C578)			
** DISCCART	406862.496025243	3758487.50074049	370.70	1.50
** receptor	=B620+1 (sensitive receptor: C579)			
** DISCCART	406862.496025243	3758462.50582813	373.90	1.50
** receptor	=B621+1 (sensitive receptor: C580)			
** DISCCART	406862.496025243	3758437.50091781	377.20	1.50
** receptor	=B622+1 (sensitive receptor: C581)			
** DISCCART	406862.496025243	3758412.50600545	380.50	1.50
** receptor	=B623+1 (sensitive receptor: C582)			
** DISCCART	406862.496025243	3758387.50109513	381.40	1.50
** receptor	=B624+1 (sensitive receptor: C583)			
** DISCCART	406862.496025243	3758362.50618277	380.50	1.50
** receptor	=B625+1 (sensitive receptor: C584)			
** DISCCART	406862.496025243	3758337.50127244	380.40	1.50
** receptor	=B626+1 (sensitive receptor: C585)			
** DISCCART	406862.496025243	3758312.50636009	375.50	1.50
** receptor	=B627+1 (sensitive receptor: C586)			
** DISCCART	406862.496025243	3758287.50144976	364.00	1.50
** receptor	=B628+1 (sensitive receptor: C587)			
** DISCCART	406862.496025243	3758262.50653741	358.60	1.50
** receptor	=B629+1 (sensitive receptor: C588)			
** DISCCART	406862.496025243	3758237.50162708	358.40	1.50
** receptor	=B630+1 (sensitive receptor: C589)			
** DISCCART	406862.496025243	3758212.50671473	358.40	1.50
** receptor	=B631+1 (sensitive receptor: C590)			

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** DISCCART	406862.496025243	3758187.5018044	357.50	1.50
** receptor	=B632+1 (sensitive receptor: C591)			
** DISCCART	406862.496025243	3758162.50689204	357.50	1.50
** receptor	=B633+1 (sensitive receptor: C592)			
** DISCCART	406862.496025243	3758137.50198172	355.20	1.50
** receptor	=B634+1 (sensitive receptor: C593)			
** DISCCART	406887.497425149	3758512.50565081	373.20	1.50
** receptor	=B635+1 (sensitive receptor: C594)			
** DISCCART	406887.497425149	3758487.50074049	373.90	1.50
** receptor	=B636+1 (sensitive receptor: C595)			
** DISCCART	406887.497425149	3758462.50582813	375.30	1.50
** receptor	=B637+1 (sensitive receptor: C596)			
** DISCCART	406887.497425149	3758437.50091781	379.80	1.50
** receptor	=B638+1 (sensitive receptor: C597)			
** DISCCART	406887.497425149	3758412.50600545	381.80	1.50
** receptor	=B639+1 (sensitive receptor: C598)			
** DISCCART	406887.497425149	3758387.50109513	383.80	1.50
** receptor	=B640+1 (sensitive receptor: C599)			
** DISCCART	406887.497425149	3758362.50618277	383.40	1.50
** receptor	=B641+1 (sensitive receptor: C600)			
** DISCCART	406887.497425149	3758337.50127244	380.50	1.50
** receptor	=B642+1 (sensitive receptor: C601)			
** DISCCART	406887.497425149	3758312.50636009	370.50	1.50
** receptor	=B643+1 (sensitive receptor: C602)			
** DISCCART	406887.497425149	3758287.50144976	358.20	1.50
** receptor	=B644+1 (sensitive receptor: C603)			
** DISCCART	406887.497425149	3758262.50653741	360.10	1.50
** receptor	=B645+1 (sensitive receptor: C604)			
** DISCCART	406887.497425149	3758237.50162708	363.40	1.50
** receptor	=B646+1 (sensitive receptor: C605)			
** DISCCART	406887.497425149	3758212.50671473	366.60	1.50
** receptor	=B647+1 (sensitive receptor: C606)			
** DISCCART	406887.497425149	3758187.5018044	365.90	1.50
** receptor	=B648+1 (sensitive receptor: C607)			
** DISCCART	406887.497425149	3758162.50689204	365.90	1.50
** receptor	=B649+1 (sensitive receptor: C608)			
** DISCCART	406887.497425149	3758137.50198172	366.60	1.50
** receptor	=B650+1 (sensitive receptor: C609)			
** DISCCART	406912.498825054	3758512.50565081	376.10	1.50
** receptor	=B651+1 (sensitive receptor: C610)			
** DISCCART	406912.498825054	3758487.50074049	377.20	1.50
** receptor	=B652+1 (sensitive receptor: C611)			
** DISCCART	406912.498825054	3758462.50582813	377.20	1.50
** receptor	=B653+1 (sensitive receptor: C612)			
** DISCCART	406912.498825054	3758437.50091781	380.50	1.50
** receptor	=B654+1 (sensitive receptor: C613)			
** DISCCART	406912.498825054	3758412.50600545	385.50	1.50
** receptor	=B655+1 (sensitive receptor: C614)			
** DISCCART	406912.498825054	3758387.50109513	387.00	1.50
** receptor	=B656+1 (sensitive receptor: C615)			
** DISCCART	406912.498825054	3758362.50618277	383.80	1.50
** receptor	=B657+1 (sensitive receptor: C616)			
** DISCCART	406912.498825054	3758337.50127244	380.40	1.50
** receptor	=B658+1 (sensitive receptor: C617)			
** DISCCART	406912.498825054	3758312.50636009	366.30	1.50
** receptor	=B659+1 (sensitive receptor: C618)			
** DISCCART	406912.498825054	3758287.50144976	357.60	1.50
** receptor	=B660+1 (sensitive receptor: C619)			
** DISCCART	406912.498825054	3758262.50653741	367.20	1.50
** receptor	=B661+1 (sensitive receptor: C620)			
** DISCCART	406912.498825054	3758237.50162708	375.80	1.50
** receptor	=B662+1 (sensitive receptor: C621)			
** DISCCART	406912.498825054	3758212.50671473	376.90	1.50
** receptor	=B663+1 (sensitive receptor: C622)			
** DISCCART	406912.498825054	3758187.5018044	375.80	1.50
** receptor	=B664+1 (sensitive receptor: C623)			
** DISCCART	406912.498825054	3758162.50689204	375.80	1.50
** receptor	=B665+1 (sensitive receptor: C624)			
** DISCCART	406912.498825054	3758137.50198172	375.80	1.50
** receptor	=B666+1 (sensitive receptor: C625)			
** DISCCART	406937.50022496	3758512.50565081	380.50	1.50
** receptor	=B667+1 (sensitive receptor: C626)			
** DISCCART	406937.50022496	3758487.50074049	380.50	1.50
** receptor	=B668+1 (sensitive receptor: C627)			
** DISCCART	406937.50022496	3758462.50582813	380.10	1.50
** receptor	=B669+1 (sensitive receptor: C628)			

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** DISCCART	406937.50022496	3758437.50091781	380.60	1.50
** receptor	=B670+1 (sensitive receptor: C629)			
** DISCCART	406937.50022496	3758412.50600545	386.70	1.50
** receptor	=B671+1 (sensitive receptor: C630)			
** DISCCART	406937.50022496	3758387.50109513	387.00	1.50
** receptor	=B672+1 (sensitive receptor: C631)			
** DISCCART	406937.50022496	3758362.50618277	383.80	1.50
** receptor	=B673+1 (sensitive receptor: C632)			
** DISCCART	406937.50022496	3758337.50127244	377.80	1.50
** receptor	=B674+1 (sensitive receptor: C633)			
** DISCCART	406937.50022496	3758312.50636009	367.00	1.50
** receptor	=B675+1 (sensitive receptor: C634)			
** DISCCART	406937.50022496	3758287.50144976	371.90	1.50
** receptor	=B676+1 (sensitive receptor: C635)			
** DISCCART	406937.50022496	3758262.50653741	381.10	1.50
** receptor	=B677+1 (sensitive receptor: C636)			
** DISCCART	406937.50022496	3758237.50162708	389.70	1.50
** receptor	=B678+1 (sensitive receptor: C637)			
** DISCCART	406937.50022496	3758212.50671473	392.20	1.50
** receptor	=B679+1 (sensitive receptor: C638)			
** DISCCART	406937.50022496	3758187.5018044	392.20	1.50
** receptor	=B680+1 (sensitive receptor: C639)			
** DISCCART	406937.50022496	3758162.50689204	390.10	1.50
** receptor	=B681+1 (sensitive receptor: C640)			
** DISCCART	406937.50022496	3758137.50198172	386.30	1.50
** receptor	=B682+1 (sensitive receptor: C641)			
** DISCCART	406962.501624865	3758512.50565081	388.90	1.50
** receptor	=B683+1 (sensitive receptor: C642)			
** DISCCART	406962.501624865	3758487.50074049	388.90	1.50
** receptor	=B684+1 (sensitive receptor: C643)			
** DISCCART	406962.501624865	3758462.50582813	388.90	1.50
** receptor	=B685+1 (sensitive receptor: C644)			
** DISCCART	406962.501624865	3758437.50091781	388.00	1.50
** receptor	=B686+1 (sensitive receptor: C645)			
** DISCCART	406962.501624865	3758412.50600545	391.20	1.50
** receptor	=B687+1 (sensitive receptor: C646)			
** DISCCART	406962.501624865	3758387.50109513	390.20	1.50
** receptor	=B688+1 (sensitive receptor: C647)			
** DISCCART	406962.501624865	3758362.50618277	381.60	1.50
** receptor	=B689+1 (sensitive receptor: C648)			
** DISCCART	406962.501624865	3758337.50127244	377.10	1.50
** receptor	=B690+1 (sensitive receptor: C649)			
** DISCCART	406962.501624865	3758312.50636009	377.80	1.50
** receptor	=B691+1 (sensitive receptor: C650)			
** DISCCART	406962.501624865	3758287.50144976	384.80	1.50
** receptor	=B692+1 (sensitive receptor: C651)			
** DISCCART	406962.501624865	3758262.50653741	397.20	1.50
** receptor	=B693+1 (sensitive receptor: C652)			
** DISCCART	406962.501624865	3758237.50162708	401.10	1.50
** receptor	=B694+1 (sensitive receptor: C653)			
** DISCCART	406962.501624865	3758212.50671473	402.20	1.50
** receptor	=B695+1 (sensitive receptor: C654)			
** DISCCART	406962.501624865	3758187.5018044	403.40	1.50
** receptor	=B696+1 (sensitive receptor: C655)			
** DISCCART	406962.501624865	3758162.50689204	398.40	1.50
** receptor	=B697+1 (sensitive receptor: C656)			
** DISCCART	406962.501624865	3758137.50198172	390.20	1.50
** receptor	=B698+1 (sensitive receptor: C657)			
** DISCCART	406987.503024771	3758512.50565081	399.10	1.50
** receptor	=B699+1 (sensitive receptor: C658)			
** DISCCART	406987.503024771	3758487.50074049	399.40	1.50
** receptor	=B700+1 (sensitive receptor: C659)			
** DISCCART	406987.503024771	3758462.50582813	396.20	1.50
** receptor	=B701+1 (sensitive receptor: C660)			
** DISCCART	406987.503024771	3758437.50091781	396.20	1.50
** receptor	=B702+1 (sensitive receptor: C661)			
** DISCCART	406987.503024771	3758412.50600545	394.80	1.50
** receptor	=B703+1 (sensitive receptor: C662)			
** DISCCART	406987.503024771	3758387.50109513	390.20	1.50
** receptor	=B704+1 (sensitive receptor: C663)			
** DISCCART	406987.503024771	3758362.50618277	380.50	1.50
** receptor	=B705+1 (sensitive receptor: C664)			
** DISCCART	406987.503024771	3758337.50127244	377.20	1.50
** receptor	=B706+1 (sensitive receptor: C665)			
** DISCCART	406987.503024771	3758312.50636009	378.90	1.50
** receptor	=B707+1 (sensitive receptor: C666)			

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** DISCCART	406987.503024771	3758287.50144976	390.50	1.50
** receptor	=B708+1 (sensitive receptor: C667)			
** DISCCART	406987.503024771	3758262.50653741	403.10	1.50
** receptor	=B709+1 (sensitive receptor: C668)			
** DISCCART	406987.503024771	3758237.50162708	403.40	1.50
** receptor	=B710+1 (sensitive receptor: C669)			
** DISCCART	406987.503024771	3758212.50671473	403.80	1.50
** receptor	=B711+1 (sensitive receptor: C670)			
** DISCCART	406987.503024771	3758187.5018044	400.80	1.50
** receptor	=B712+1 (sensitive receptor: C671)			
** DISCCART	406987.503024771	3758162.50689204	391.30	1.50
** receptor	=B713+1 (sensitive receptor: C672)			
** DISCCART	406987.503024771	3758137.50198172	381.10	1.50
** receptor	=B714+1 (sensitive receptor: C673)			
** DISCCART	407012.504424677	3758512.50565081	403.40	1.50
** receptor	=B715+1 (sensitive receptor: C674)			
** DISCCART	407012.504424677	3758487.50074049	403.40	1.50
** receptor	=B716+1 (sensitive receptor: C675)			
** DISCCART	407012.504424677	3758462.50582813	403.40	1.50
** receptor	=B717+1 (sensitive receptor: C676)			
** DISCCART	407012.504424677	3758437.50091781	401.10	1.50
** receptor	=B718+1 (sensitive receptor: C677)			
** DISCCART	407012.504424677	3758412.50600545	398.40	1.50
** receptor	=B719+1 (sensitive receptor: C678)			
** DISCCART	407012.504424677	3758387.50109513	393.50	1.50
** receptor	=B720+1 (sensitive receptor: C679)			
** DISCCART	407012.504424677	3758362.50618277	387.70	1.50
** receptor	=B721+1 (sensitive receptor: C680)			
** DISCCART	407012.504424677	3758337.50127244	388.90	1.50
** receptor	=B722+1 (sensitive receptor: C681)			
** DISCCART	407012.504424677	3758312.50636009	388.90	1.50
** receptor	=B723+1 (sensitive receptor: C682)			
** DISCCART	407012.504424677	3758287.50144976	397.90	1.50
** receptor	=B724+1 (sensitive receptor: C683)			
** DISCCART	407012.504424677	3758262.50653741	402.50	1.50
** receptor	=B725+1 (sensitive receptor: C684)			
** DISCCART	407012.504424677	3758237.50162708	400.20	1.50
** receptor	=B726+1 (sensitive receptor: C685)			
** DISCCART	407012.504424677	3758212.50671473	398.40	1.50
** receptor	=B727+1 (sensitive receptor: C686)			
** DISCCART	407012.504424677	3758187.5018044	390.20	1.50
** receptor	=B728+1 (sensitive receptor: C687)			
** DISCCART	407012.504424677	3758162.50689204	379.30	1.50
** receptor	=B729+1 (sensitive receptor: C688)			
** DISCCART	407012.504424677	3758137.50198172	379.00	1.50
** receptor	=B730+1 (sensitive receptor: C689)			
** DISCCART	407037.497578738	3758512.50565081	404.80	1.50
** receptor	=B731+1 (sensitive receptor: C690)			
** DISCCART	407037.497578738	3758487.50074049	406.70	1.50
** receptor	=B732+1 (sensitive receptor: C691)			
** DISCCART	407037.497578738	3758462.50582813	406.30	1.50
** receptor	=B733+1 (sensitive receptor: C692)			
** DISCCART	407037.497578738	3758437.50091781	405.90	1.50
** receptor	=B734+1 (sensitive receptor: C693)			
** DISCCART	407037.497578738	3758412.50600545	403.10	1.50
** receptor	=B735+1 (sensitive receptor: C694)			
** DISCCART	407037.497578738	3758387.50109513	399.40	1.50
** receptor	=B736+1 (sensitive receptor: C695)			
** DISCCART	407037.497578738	3758362.50618277	399.40	1.50
** receptor	=B737+1 (sensitive receptor: C696)			
** DISCCART	407037.497578738	3758337.50127244	402.70	1.50
** receptor	=B738+1 (sensitive receptor: C697)			
** DISCCART	407037.497578738	3758312.50636009	402.70	1.50
** receptor	=B739+1 (sensitive receptor: C698)			
** DISCCART	407037.497578738	3758287.50144976	402.70	1.50
** receptor	=B740+1 (sensitive receptor: C699)			
** DISCCART	407037.497578738	3758262.50653741	400.20	1.50
** receptor	=B741+1 (sensitive receptor: C700)			
** DISCCART	407037.497578738	3758237.50162708	397.60	1.50
** receptor	=B742+1 (sensitive receptor: C701)			
** DISCCART	407037.497578738	3758212.50671473	396.50	1.50
** receptor	=B743+1 (sensitive receptor: C702)			
** DISCCART	407037.497578738	3758187.5018044	398.00	1.50
** receptor	=B744+1 (sensitive receptor: C703)			
** DISCCART	407037.497578738	3758162.50689204	398.70	1.50
** receptor	=B745+1 (sensitive receptor: C704)			

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** DISCCART	407037.497578738	3758137.50198172	398.70	1.50
** receptor	=B746+1 (sensitive receptor: C705)			
** DISCCART	407062.498978644	3758512.50565081	406.10	1.50
** receptor	=B747+1 (sensitive receptor: C706)			
** DISCCART	407062.498978644	3758487.50074049	410.90	1.50
** receptor	=B748+1 (sensitive receptor: C707)			
** DISCCART	407062.498978644	3758462.50582813	410.90	1.50
** receptor	=B749+1 (sensitive receptor: C708)			
** DISCCART	407062.498978644	3758437.50091781	410.80	1.50
** receptor	=B750+1 (sensitive receptor: C709)			
** DISCCART	407062.498978644	3758412.50600545	407.60	1.50
** receptor	=B751+1 (sensitive receptor: C710)			
** DISCCART	407062.498978644	3758387.50109513	404.40	1.50
** receptor	=B752+1 (sensitive receptor: C711)			
** DISCCART	407062.498978644	3758362.50618277	404.40	1.50
** receptor	=B753+1 (sensitive receptor: C712)			
** DISCCART	407062.498978644	3758337.50127244	406.70	1.50
** receptor	=B754+1 (sensitive receptor: C713)			
** DISCCART	407062.498978644	3758312.50636009	406.70	1.50
** receptor	=B755+1 (sensitive receptor: C714)			
** DISCCART	407062.498978644	3758287.50144976	404.30	1.50
** receptor	=B756+1 (sensitive receptor: C715)			
** DISCCART	407062.498978644	3758262.50653741	402.20	1.50
** receptor	=B757+1 (sensitive receptor: C716)			
** DISCCART	407062.498978644	3758237.50162708	400.20	1.50
** receptor	=B758+1 (sensitive receptor: C717)			
** DISCCART	407062.498978644	3758212.50671473	402.30	1.50
** receptor	=B759+1 (sensitive receptor: C718)			
** DISCCART	407062.498978644	3758187.5018044	403.40	1.50
** receptor	=B760+1 (sensitive receptor: C719)			
** DISCCART	407062.498978644	3758162.50689204	403.40	1.50
** receptor	=B761+1 (sensitive receptor: C720)			
** DISCCART	407062.498978644	3758137.50198172	403.40	1.50
** receptor	=B762+1 (sensitive receptor: C721)			
** DISCCART	407087.500378549	3758512.50565081	414.30	1.50
** receptor	=B763+1 (sensitive receptor: C722)			
** DISCCART	407087.500378549	3758487.50074049	416.60	1.50
** receptor	=B764+1 (sensitive receptor: C723)			
** DISCCART	407087.500378549	3758462.50582813	419.10	1.50
** receptor	=B765+1 (sensitive receptor: C724)			
** DISCCART	407087.500378549	3758437.50091781	416.50	1.50
** receptor	=B766+1 (sensitive receptor: C725)			
** DISCCART	407087.500378549	3758412.50600545	414.50	1.50
** receptor	=B767+1 (sensitive receptor: C726)			
** DISCCART	407087.500378549	3758387.50109513	412.60	1.50
** receptor	=B768+1 (sensitive receptor: C727)			
** DISCCART	407087.500378549	3758362.50618277	412.60	1.50
** receptor	=B769+1 (sensitive receptor: C728)			
** DISCCART	407087.500378549	3758337.50127244	412.60	1.50
** receptor	=B770+1 (sensitive receptor: C729)			
** DISCCART	407087.500378549	3758312.50636009	412.60	1.50
** receptor	=B771+1 (sensitive receptor: C730)			
** DISCCART	407087.500378549	3758287.50144976	412.50	1.50
** receptor	=B772+1 (sensitive receptor: C731)			
** DISCCART	407087.500378549	3758262.50653741	409.30	1.50
** receptor	=B773+1 (sensitive receptor: C732)			
** DISCCART	407087.500378549	3758237.50162708	406.00	1.50
** receptor	=B774+1 (sensitive receptor: C733)			
** DISCCART	407087.500378549	3758212.50671473	406.00	1.50
** receptor	=B775+1 (sensitive receptor: C734)			
** DISCCART	407087.500378549	3758187.5018044	406.70	1.50
** receptor	=B776+1 (sensitive receptor: C735)			
** DISCCART	407087.500378549	3758162.50689204	406.70	1.50
** receptor	=B777+1 (sensitive receptor: C736)			
** DISCCART	407087.500378549	3758137.50198172	406.70	1.50
** receptor	=B778+1 (sensitive receptor: C737)			
** DISCCART	407112.501778455	3758512.50565081	419.20	1.50
** receptor	=B779+1 (sensitive receptor: C738)			
** DISCCART	407112.501778455	3758487.50074049	424.00	1.50
** receptor	=B780+1 (sensitive receptor: C739)			
** DISCCART	407112.501778455	3758462.50582813	424.00	1.50
** receptor	=B781+1 (sensitive receptor: C740)			
** DISCCART	407112.501778455	3758437.50091781	424.00	1.50
** receptor	=B782+1 (sensitive receptor: C741)			
** DISCCART	407112.501778455	3758412.50600545	420.30	1.50
** receptor	=B783+1 (sensitive receptor: C742)			

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** DISCCART	407112.501778455	3758387.50109513	416.60	1.50
** receptor	=B784+1 (sensitive receptor: C743)			
** DISCCART	407112.501778455	3758362.50618277	416.60	1.50
** receptor	=B785+1 (sensitive receptor: C744)			
** DISCCART	407112.501778455	3758337.50127244	416.60	1.50
** receptor	=B786+1 (sensitive receptor: C745)			
** DISCCART	407112.501778455	3758312.50636009	417.00	1.50
** receptor	=B787+1 (sensitive receptor: C746)			
** DISCCART	407112.501778455	3758287.50144976	417.50	1.50
** receptor	=B788+1 (sensitive receptor: C747)			
** DISCCART	407112.501778455	3758262.50653741	417.00	1.50
** receptor	=B789+1 (sensitive receptor: C748)			
** DISCCART	407112.501778455	3758237.50162708	414.20	1.50
** receptor	=B790+1 (sensitive receptor: C749)			
** DISCCART	407112.501778455	3758212.50671473	413.70	1.50
** receptor	=B791+1 (sensitive receptor: C750)			
** DISCCART	407112.501778455	3758187.5018044	413.30	1.50
** receptor	=B792+1 (sensitive receptor: C751)			
** DISCCART	407112.501778455	3758162.50689204	410.90	1.50
** receptor	=B793+1 (sensitive receptor: C752)			
** DISCCART	407112.501778455	3758137.50198172	407.50	1.50
** receptor	=B794+1 (sensitive receptor: C753)			
** DISCCART	407137.50317836	3758512.50565081	427.40	1.50
** receptor	=B795+1 (sensitive receptor: C754)			
** DISCCART	407137.50317836	3758487.50074049	434.90	1.50
** receptor	=B796+1 (sensitive receptor: C755)			
** DISCCART	407137.50317836	3758462.50582813	435.20	1.50
** receptor	=B797+1 (sensitive receptor: C756)			
** DISCCART	407137.50317836	3758437.50091781	429.00	1.50
** receptor	=B798+1 (sensitive receptor: C757)			
** DISCCART	407137.50317836	3758412.50600545	426.00	1.50
** receptor	=B799+1 (sensitive receptor: C758)			
** DISCCART	407137.50317836	3758387.50109513	422.30	1.50
** receptor	=B800+1 (sensitive receptor: C759)			
** DISCCART	407137.50317836	3758362.50618277	419.80	1.50
** receptor	=B801+1 (sensitive receptor: C760)			
** DISCCART	407137.50317836	3758337.50127244	422.40	1.50
** receptor	=B802+1 (sensitive receptor: C761)			
** DISCCART	407137.50317836	3758312.50636009	422.40	1.50
** receptor	=B803+1 (sensitive receptor: C762)			
** DISCCART	407137.50317836	3758287.50144976	425.70	1.50
** receptor	=B804+1 (sensitive receptor: C763)			
** DISCCART	407137.50317836	3758262.50653741	422.70	1.50
** receptor	=B805+1 (sensitive receptor: C764)			
** DISCCART	407137.50317836	3758237.50162708	422.30	1.50
** receptor	=B806+1 (sensitive receptor: C765)			
** DISCCART	407137.50317836	3758212.50671473	417.80	1.50
** receptor	=B807+1 (sensitive receptor: C766)			
** DISCCART	407137.50317836	3758187.5018044	419.10	1.50
** receptor	=B808+1 (sensitive receptor: C767)			
** DISCCART	407137.50317836	3758162.50689204	419.10	1.50
** receptor	=B809+1 (sensitive receptor: C768)			
** DISCCART	407137.50317836	3758137.50198172	415.70	1.50
** receptor	=B810+1 (sensitive receptor: C769)			
** DISCCART	407162.496332422	3758512.50565081	434.40	1.50
** receptor	=B811+1 (sensitive receptor: C770)			
** DISCCART	407162.496332422	3758487.50074049	441.60	1.50
** receptor	=B812+1 (sensitive receptor: C771)			
** DISCCART	407162.496332422	3758462.50582813	446.20	1.50
** receptor	=B813+1 (sensitive receptor: C772)			
** DISCCART	407162.496332422	3758437.50091781	437.10	1.50
** receptor	=B814+1 (sensitive receptor: C773)			
** DISCCART	407162.496332422	3758412.50600545	432.20	1.50
** receptor	=B815+1 (sensitive receptor: C774)			
** DISCCART	407162.496332422	3758387.50109513	430.50	1.50
** receptor	=B816+1 (sensitive receptor: C775)			
** DISCCART	407162.496332422	3758362.50618277	427.30	1.50
** receptor	=B817+1 (sensitive receptor: C776)			
** DISCCART	407162.496332422	3758337.50127244	427.30	1.50
** receptor	=B818+1 (sensitive receptor: C777)			
** DISCCART	407162.496332422	3758312.50636009	430.60	1.50
** receptor	=B819+1 (sensitive receptor: C778)			
** DISCCART	407162.496332422	3758287.50144976	430.60	1.50
** receptor	=B820+1 (sensitive receptor: C779)			
** DISCCART	407162.496332422	3758262.50653741	430.60	1.50
** receptor	=B821+1 (sensitive receptor: C780)			

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** DISCCART	407162.496332422	3758237.50162708	431.50	1.50
** receptor	=B822+1 (sensitive receptor: C781)			
** DISCCART	407162.496332422	3758212.50671473	432.00	1.50
** receptor	=B823+1 (sensitive receptor: C782)			
** DISCCART	407162.496332422	3758187.5018044	432.40	1.50
** receptor	=B824+1 (sensitive receptor: C783)			
** DISCCART	407162.496332422	3758162.50689204	431.50	1.50
** receptor	=B825+1 (sensitive receptor: C784)			
** DISCCART	407162.496332422	3758137.50198172	424.90	1.50
** receptor	=B826+1 (sensitive receptor: C785)			
** DISCCART	407187.497732327	3758512.50565081	459.60	1.50
** receptor	=B827+1 (sensitive receptor: C786)			
** DISCCART	407187.497732327	3758487.50074049	465.00	1.50
** receptor	=B828+1 (sensitive receptor: C787)			
** DISCCART	407187.497732327	3758462.50582813	457.10	1.50
** receptor	=B829+1 (sensitive receptor: C788)			
** DISCCART	407187.497732327	3758437.50091781	447.90	1.50
** receptor	=B830+1 (sensitive receptor: C789)			
** DISCCART	407187.497732327	3758412.50600545	439.10	1.50
** receptor	=B831+1 (sensitive receptor: C790)			
** DISCCART	407187.497732327	3758387.50109513	435.50	1.50
** receptor	=B832+1 (sensitive receptor: C791)			
** DISCCART	407187.497732327	3758362.50618277	435.50	1.50
** receptor	=B833+1 (sensitive receptor: C792)			
** DISCCART	407187.497732327	3758337.50127244	435.50	1.50
** receptor	=B834+1 (sensitive receptor: C793)			
** DISCCART	407187.497732327	3758312.50636009	435.90	1.50
** receptor	=B835+1 (sensitive receptor: C794)			
** DISCCART	407187.497732327	3758287.50144976	438.80	1.50
** receptor	=B836+1 (sensitive receptor: C795)			
** DISCCART	407187.497732327	3758262.50653741	439.20	1.50
** receptor	=B837+1 (sensitive receptor: C796)			
** DISCCART	407187.497732327	3758237.50162708	442.10	1.50
** receptor	=B838+1 (sensitive receptor: C797)			
** DISCCART	407187.497732327	3758212.50671473	446.70	1.50
** receptor	=B839+1 (sensitive receptor: C798)			
** DISCCART	407187.497732327	3758187.5018044	451.20	1.50
** receptor	=B840+1 (sensitive receptor: C799)			
** DISCCART	407187.497732327	3758162.50689204	449.10	1.50
** receptor	=B841+1 (sensitive receptor: C800)			
** DISCCART	407187.497732327	3758137.50198172	441.30	1.50
** receptor	=B842+1 (sensitive receptor: C801)			
** DISCCART	407212.499132233	3758512.50565081	465.80	1.50
** receptor	=B843+1 (sensitive receptor: C802)			
** DISCCART	407212.499132233	3758487.50074049	466.70	1.50
** receptor	=B844+1 (sensitive receptor: C803)			
** DISCCART	407212.499132233	3758462.50582813	462.90	1.50
** receptor	=B845+1 (sensitive receptor: C804)			
** DISCCART	407212.499132233	3758437.50091781	462.40	1.50
** receptor	=B846+1 (sensitive receptor: C805)			
** DISCCART	407212.499132233	3758412.50600545	451.90	1.50
** receptor	=B847+1 (sensitive receptor: C806)			
** DISCCART	407212.499132233	3758387.50109513	443.70	1.50
** receptor	=B848+1 (sensitive receptor: C807)			
** DISCCART	407212.499132233	3758362.50618277	443.20	1.50
** receptor	=B849+1 (sensitive receptor: C808)			
** DISCCART	407212.499132233	3758337.50127244	442.80	1.50
** receptor	=B850+1 (sensitive receptor: C809)			
** DISCCART	407212.499132233	3758312.50636009	443.20	1.50
** receptor	=B851+1 (sensitive receptor: C810)			
** DISCCART	407212.499132233	3758287.50144976	443.70	1.50
** receptor	=B852+1 (sensitive receptor: C811)			
** DISCCART	407212.499132233	3758262.50653741	446.60	1.50
** receptor	=B853+1 (sensitive receptor: C812)			
** DISCCART	407212.499132233	3758237.50162708	449.50	1.50
** receptor	=B854+1 (sensitive receptor: C813)			
** DISCCART	407212.499132233	3758212.50671473	458.60	1.50
** receptor	=B855+1 (sensitive receptor: C814)			
** DISCCART	407212.499132233	3758187.5018044	462.50	1.50
** receptor	=B856+1 (sensitive receptor: C815)			
** DISCCART	407212.499132233	3758162.50689204	460.80	1.50
** receptor	=B857+1 (sensitive receptor: C816)			
** DISCCART	407212.499132233	3758137.50198172	449.20	1.50
** receptor	=B858+1 (sensitive receptor: C817)			
** DISCCART	407237.500532139	3758512.50565081	469.00	1.50
** receptor	=B859+1 (sensitive receptor: C818)			

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** DISCCART	407237.500532139	3758487.50074049	471.60	1.50
** receptor	=B860+1 (sensitive receptor: C819)			
** DISCCART	407237.500532139	3758462.50582813	471.30	1.50
** receptor	=B861+1 (sensitive receptor: C820)			
** DISCCART	407237.500532139	3758437.50091781	468.30	1.50
** receptor	=B862+1 (sensitive receptor: C821)			
** DISCCART	407237.500532139	3758412.50600545	460.10	1.50
** receptor	=B863+1 (sensitive receptor: C822)			
** DISCCART	407237.500532139	3758387.50109513	451.90	1.50
** receptor	=B864+1 (sensitive receptor: C823)			
** DISCCART	407237.500532139	3758362.50618277	448.60	1.50
** receptor	=B865+1 (sensitive receptor: C824)			
** DISCCART	407237.500532139	3758337.50127244	448.60	1.50
** receptor	=B866+1 (sensitive receptor: C825)			
** DISCCART	407237.500532139	3758312.50636009	450.00	1.50
** receptor	=B867+1 (sensitive receptor: C826)			
** DISCCART	407237.500532139	3758287.50144976	451.90	1.50
** receptor	=B868+1 (sensitive receptor: C827)			
** DISCCART	407237.500532139	3758262.50653741	452.30	1.50
** receptor	=B869+1 (sensitive receptor: C828)			
** DISCCART	407237.500532139	3758237.50162708	452.70	1.50
** receptor	=B870+1 (sensitive receptor: C829)			
** DISCCART	407237.500532139	3758212.50671473	459.60	1.50
** receptor	=B871+1 (sensitive receptor: C830)			
** DISCCART	407237.500532139	3758187.5018044	459.90	1.50
** receptor	=B872+1 (sensitive receptor: C831)			
** DISCCART	407237.500532139	3758162.50689204	454.90	1.50
** receptor	=B873+1 (sensitive receptor: C832)			
** DISCCART	407237.500532139	3758137.50198172	446.70	1.50
** receptor	=B874+1 (sensitive receptor: C833)			
** DISCCART	407262.501932044	3758512.50565081	473.20	1.50
** receptor	=B875+1 (sensitive receptor: C834)			
** DISCCART	407262.501932044	3758487.50074049	475.60	1.50
** receptor	=B876+1 (sensitive receptor: C835)			
** DISCCART	407262.501932044	3758462.50582813	476.10	1.50
** receptor	=B877+1 (sensitive receptor: C836)			
** DISCCART	407262.501932044	3758437.50091781	479.90	1.50
** receptor	=B878+1 (sensitive receptor: C837)			
** DISCCART	407262.501932044	3758412.50600545	475.10	1.50
** receptor	=B879+1 (sensitive receptor: C838)			
** DISCCART	407262.501932044	3758387.50109513	459.10	1.50
** receptor	=B880+1 (sensitive receptor: C839)			
** DISCCART	407262.501932044	3758362.50618277	453.60	1.50
** receptor	=B881+1 (sensitive receptor: C840)			
** DISCCART	407262.501932044	3758337.50127244	453.60	1.50
** receptor	=B882+1 (sensitive receptor: C841)			
** DISCCART	407262.501932044	3758312.50636009	456.80	1.50
** receptor	=B883+1 (sensitive receptor: C842)			
** DISCCART	407262.501932044	3758287.50144976	456.90	1.50
** receptor	=B884+1 (sensitive receptor: C843)			
** DISCCART	407262.501932044	3758262.50653741	459.20	1.50
** receptor	=B885+1 (sensitive receptor: C844)			
** DISCCART	407262.501932044	3758237.50162708	456.80	1.50
** receptor	=B886+1 (sensitive receptor: C845)			
** DISCCART	407262.501932044	3758212.50671473	453.80	1.50
** receptor	=B887+1 (sensitive receptor: C846)			
** DISCCART	407262.501932044	3758187.5018044	451.70	1.50
** receptor	=B888+1 (sensitive receptor: C847)			
** DISCCART	407262.501932044	3758162.50689204	448.30	1.50
** receptor	=B889+1 (sensitive receptor: C848)			
** DISCCART	407262.501932044	3758137.50198172	441.80	1.50
** receptor	=B890+1 (sensitive receptor: C849)			
** DISCCART	407287.50333195	3758512.50565081	479.90	1.50
** receptor	=B891+1 (sensitive receptor: C850)			
** DISCCART	407287.50333195	3758487.50074049	478.20	1.50
** receptor	=B892+1 (sensitive receptor: C851)			
** DISCCART	407287.50333195	3758462.50582813	481.80	1.50
** receptor	=B893+1 (sensitive receptor: C852)			
** DISCCART	407287.50333195	3758437.50091781	484.70	1.50
** receptor	=B894+1 (sensitive receptor: C853)			
** DISCCART	407287.50333195	3758412.50600545	481.80	1.50
** receptor	=B895+1 (sensitive receptor: C854)			
** DISCCART	407287.50333195	3758387.50109513	467.40	1.50
** receptor	=B896+1 (sensitive receptor: C855)			
** DISCCART	407287.50333195	3758362.50618277	457.10	1.50
** receptor	=B897+1 (sensitive receptor: C856)			

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** DISCCART	407287.50333195	3758337.50127244	459.20	1.50
** receptor	=B898+1 (sensitive receptor: C857)			
** DISCCART	407287.50333195	3758312.50636009	461.80	1.50
** receptor	=B899+1 (sensitive receptor: C858)			
** DISCCART	407287.50333195	3758287.50144976	462.50	1.50
** receptor	=B900+1 (sensitive receptor: C859)			
** DISCCART	407287.50333195	3758262.50653741	462.50	1.50
** receptor	=B901+1 (sensitive receptor: C860)			
** DISCCART	407287.50333195	3758237.50162708	455.90	1.50
** receptor	=B902+1 (sensitive receptor: C861)			
** DISCCART	407287.50333195	3758212.50671473	445.80	1.50
** receptor	=B903+1 (sensitive receptor: C862)			
** DISCCART	407287.50333195	3758187.5018044	443.60	1.50
** receptor	=B904+1 (sensitive receptor: C863)			
** DISCCART	407287.50333195	3758162.50689204	445.70	1.50
** receptor	=B905+1 (sensitive receptor: C864)			
** DISCCART	407287.50333195	3758137.50198172	439.50	1.50
** receptor	=B906+1 (sensitive receptor: C865)			
** DISCCART	407312.496486011	3758512.50565081	492.30	1.50
** receptor	=B907+1 (sensitive receptor: C866)			
** DISCCART	407312.496486011	3758487.50074049	496.10	1.50
** receptor	=B908+1 (sensitive receptor: C867)			
** DISCCART	407312.496486011	3758462.50582813	491.20	1.50
** receptor	=B909+1 (sensitive receptor: C868)			
** DISCCART	407312.496486011	3758437.50091781	488.60	1.50
** receptor	=B910+1 (sensitive receptor: C869)			
** DISCCART	407312.496486011	3758412.50600545	485.40	1.50
** receptor	=B911+1 (sensitive receptor: C870)			
** DISCCART	407312.496486011	3758387.50109513	475.50	1.50
** receptor	=B912+1 (sensitive receptor: C871)			
** DISCCART	407312.496486011	3758362.50618277	461.20	1.50
** receptor	=B913+1 (sensitive receptor: C872)			
** DISCCART	407312.496486011	3758337.50127244	459.30	1.50
** receptor	=B914+1 (sensitive receptor: C873)			
** DISCCART	407312.496486011	3758312.50636009	462.00	1.50
** receptor	=B915+1 (sensitive receptor: C874)			
** DISCCART	407312.496486011	3758287.50144976	461.50	1.50
** receptor	=B916+1 (sensitive receptor: C875)			
** DISCCART	407312.496486011	3758262.50653741	456.60	1.50
** receptor	=B917+1 (sensitive receptor: C876)			
** DISCCART	407312.496486011	3758237.50162708	445.10	1.50
** receptor	=B918+1 (sensitive receptor: C877)			
** DISCCART	407312.496486011	3758212.50671473	438.60	1.50
** receptor	=B919+1 (sensitive receptor: C878)			
** DISCCART	407312.496486011	3758187.5018044	438.60	1.50
** receptor	=B920+1 (sensitive receptor: C879)			
** DISCCART	407312.496486011	3758162.50689204	442.80	1.50
** receptor	=B921+1 (sensitive receptor: C880)			
** DISCCART	407312.496486011	3758137.50198172	443.60	1.50
** receptor	=B922+1 (sensitive receptor: C881)			
** DISCCART	407337.497885917	3758512.50565081	502.80	1.50
** receptor	=B923+1 (sensitive receptor: C882)			
** DISCCART	407337.497885917	3758487.50074049	501.80	1.50
** receptor	=B924+1 (sensitive receptor: C883)			
** DISCCART	407337.497885917	3758462.50582813	496.80	1.50
** receptor	=B925+1 (sensitive receptor: C884)			
** DISCCART	407337.497885917	3758437.50091781	491.20	1.50
** receptor	=B926+1 (sensitive receptor: C885)			
** DISCCART	407337.497885917	3758412.50600545	485.40	1.50
** receptor	=B927+1 (sensitive receptor: C886)			
** DISCCART	407337.497885917	3758387.50109513	478.70	1.50
** receptor	=B928+1 (sensitive receptor: C887)			
** DISCCART	407337.497885917	3758362.50618277	460.80	1.50
** receptor	=B929+1 (sensitive receptor: C888)			
** DISCCART	407337.497885917	3758337.50127244	456.60	1.50
** receptor	=B930+1 (sensitive receptor: C889)			
** DISCCART	407337.497885917	3758312.50636009	453.70	1.50
** receptor	=B931+1 (sensitive receptor: C890)			
** DISCCART	407337.497885917	3758287.50144976	450.10	1.50
** receptor	=B932+1 (sensitive receptor: C891)			
** DISCCART	407337.497885917	3758262.50653741	445.50	1.50
** receptor	=B933+1 (sensitive receptor: C892)			
** DISCCART	407337.497885917	3758237.50162708	440.20	1.50
** receptor	=B934+1 (sensitive receptor: C893)			
** DISCCART	407337.497885917	3758212.50671473	434.50	1.50
** receptor	=B935+1 (sensitive receptor: C894)			

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** DISCCART	407337.497885917	3758187.5018044	433.80	1.50
** receptor	=B936+1 (sensitive receptor: C895)			
** DISCCART	407337.497885917	3758162.50689204	441.20	1.50
** receptor	=B937+1 (sensitive receptor: C896)			
** DISCCART	407337.497885917	3758137.50198172	442.90	1.50
** receptor	=B938+1 (sensitive receptor: C897)			
** DISCCART	407362.499285822	3758512.50565081	502.60	1.50
** receptor	=B939+1 (sensitive receptor: C898)			
** DISCCART	407362.499285822	3758487.50074049	501.80	1.50
** receptor	=B940+1 (sensitive receptor: C899)			
** DISCCART	407362.499285822	3758462.50582813	496.80	1.50
** receptor	=B941+1 (sensitive receptor: C900)			
** DISCCART	407362.499285822	3758437.50091781	490.90	1.50
** receptor	=B942+1 (sensitive receptor: C901)			
** DISCCART	407362.499285822	3758412.50600545	485.40	1.50
** receptor	=B943+1 (sensitive receptor: C902)			
** DISCCART	407362.499285822	3758387.50109513	478.80	1.50
** receptor	=B944+1 (sensitive receptor: C903)			
** DISCCART	407362.499285822	3758362.50618277	464.50	1.50
** receptor	=B945+1 (sensitive receptor: C904)			
** DISCCART	407362.499285822	3758337.50127244	456.80	1.50
** receptor	=B946+1 (sensitive receptor: C905)			
** DISCCART	407362.499285822	3758312.50636009	448.10	1.50
** receptor	=B947+1 (sensitive receptor: C906)			
** DISCCART	407362.499285822	3758287.50144976	441.90	1.50
** receptor	=B948+1 (sensitive receptor: C907)			
** DISCCART	407362.499285822	3758262.50653741	436.90	1.50
** receptor	=B949+1 (sensitive receptor: C908)			
** DISCCART	407362.499285822	3758237.50162708	424.60	1.50
** receptor	=B950+1 (sensitive receptor: C909)			
** DISCCART	407362.499285822	3758212.50671473	424.10	1.50
** receptor	=B951+1 (sensitive receptor: C910)			
** DISCCART	407362.499285822	3758187.5018044	421.30	1.50
** receptor	=B952+1 (sensitive receptor: C911)			
** DISCCART	407362.499285822	3758162.50689204	428.40	1.50
** receptor	=B953+1 (sensitive receptor: C912)			
** DISCCART	407362.499285822	3758137.50198172	434.50	1.50
** receptor	=B954+1 (sensitive receptor: C913)			
** DISCCART	407387.500685728	3758512.50565081	498.90	1.50
** receptor	=B955+1 (sensitive receptor: C914)			
** DISCCART	407387.500685728	3758487.50074049	499.30	1.50
** receptor	=B956+1 (sensitive receptor: C915)			
** DISCCART	407387.500685728	3758462.50582813	492.20	1.50
** receptor	=B957+1 (sensitive receptor: C916)			
** DISCCART	407387.500685728	3758437.50091781	483.60	1.50
** receptor	=B958+1 (sensitive receptor: C917)			
** DISCCART	407387.500685728	3758412.50600545	482.50	1.50
** receptor	=B959+1 (sensitive receptor: C918)			
** DISCCART	407387.500685728	3758387.50109513	478.80	1.50
** receptor	=B960+1 (sensitive receptor: C919)			
** DISCCART	407387.500685728	3758362.50618277	467.30	1.50
** receptor	=B961+1 (sensitive receptor: C920)			
** DISCCART	407387.500685728	3758337.50127244	462.40	1.50
** receptor	=B962+1 (sensitive receptor: C921)			
** DISCCART	407387.500685728	3758312.50636009	451.80	1.50
** receptor	=B963+1 (sensitive receptor: C922)			
** DISCCART	407387.500685728	3758287.50144976	442.00	1.50
** receptor	=B964+1 (sensitive receptor: C923)			
** DISCCART	407387.500685728	3758262.50653741	430.80	1.50
** receptor	=B965+1 (sensitive receptor: C924)			
** DISCCART	407387.500685728	3758237.50162708	419.80	1.50
** receptor	=B966+1 (sensitive receptor: C925)			
** DISCCART	407387.500685728	3758212.50671473	408.90	1.50
** receptor	=B967+1 (sensitive receptor: C926)			
** DISCCART	407387.500685728	3758187.5018044	394.30	1.50
** receptor	=B968+1 (sensitive receptor: C927)			
** DISCCART	407387.500685728	3758162.50689204	394.70	1.50
** receptor	=B969+1 (sensitive receptor: C928)			
** DISCCART	407387.500685728	3758137.50198172	398.00	1.50
** receptor	=B970+1 (sensitive receptor: C929)			
** DISCCART	407412.502085634	3758512.50565081	496.20	1.50
** receptor	=B971+1 (sensitive receptor: C930)			
** DISCCART	407412.502085634	3758487.50074049	495.20	1.50
** receptor	=B972+1 (sensitive receptor: C931)			
** DISCCART	407412.502085634	3758462.50582813	487.40	1.50
** receptor	=B973+1 (sensitive receptor: C932)			

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** DISCCART	407412.502085634	3758437.50091781	478.80	1.50
** receptor	=B974+1 (sensitive receptor: C933)			
** DISCCART	407412.502085634	3758412.50600545	475.60	1.50
** receptor	=B975+1 (sensitive receptor: C934)			
** DISCCART	407412.502085634	3758387.50109513	475.60	1.50
** receptor	=B976+1 (sensitive receptor: C935)			
** DISCCART	407412.502085634	3758362.50618277	468.90	1.50
** receptor	=B977+1 (sensitive receptor: C936)			
** DISCCART	407412.502085634	3758337.50127244	462.40	1.50
** receptor	=B978+1 (sensitive receptor: C937)			
** DISCCART	407412.502085634	3758312.50636009	458.40	1.50
** receptor	=B979+1 (sensitive receptor: C938)			
** DISCCART	407412.502085634	3758287.50144976	447.80	1.50
** receptor	=B980+1 (sensitive receptor: C939)			
** DISCCART	407412.502085634	3758262.50653741	438.20	1.50
** receptor	=B981+1 (sensitive receptor: C940)			
** DISCCART	407412.502085634	3758237.50162708	424.90	1.50
** receptor	=B982+1 (sensitive receptor: C941)			
** DISCCART	407412.502085634	3758212.50671473	411.40	1.50
** receptor	=B983+1 (sensitive receptor: C942)			
** DISCCART	407412.502085634	3758187.5018044	399.60	1.50
** receptor	=B984+1 (sensitive receptor: C943)			
** DISCCART	407412.502085634	3758162.50689204	395.00	1.50
** receptor	=B985+1 (sensitive receptor: C944)			
** DISCCART	407412.502085634	3758137.50198172	390.30	1.50
** receptor	=B986+1 (sensitive receptor: C945)			
** DISCCART	407437.495239695	3758512.50565081	503.70	1.50
** receptor	=B987+1 (sensitive receptor: C946)			
** DISCCART	407437.495239695	3758487.50074049	503.70	1.50
** receptor	=B988+1 (sensitive receptor: C947)			
** DISCCART	407437.495239695	3758462.50582813	503.30	1.50
** receptor	=B989+1 (sensitive receptor: C948)			
** DISCCART	407437.495239695	3758437.50091781	494.10	1.50
** receptor	=B990+1 (sensitive receptor: C949)			
** DISCCART	407437.495239695	3758412.50600545	482.30	1.50
** receptor	=B991+1 (sensitive receptor: C950)			
** DISCCART	407437.495239695	3758387.50109513	475.50	1.50
** receptor	=B992+1 (sensitive receptor: C951)			
** DISCCART	407437.495239695	3758362.50618277	469.00	1.50
** receptor	=B993+1 (sensitive receptor: C952)			
** DISCCART	407437.495239695	3758337.50127244	465.80	1.50
** receptor	=B994+1 (sensitive receptor: C953)			
** DISCCART	407437.495239695	3758312.50636009	462.10	1.50
** receptor	=B995+1 (sensitive receptor: C954)			
** DISCCART	407437.495239695	3758287.50144976	458.40	1.50
** receptor	=B996+1 (sensitive receptor: C955)			
** DISCCART	407437.495239695	3758262.50653741	442.80	1.50
** receptor	=B997+1 (sensitive receptor: C956)			
** DISCCART	407437.495239695	3758237.50162708	432.20	1.50
** receptor	=B998+1 (sensitive receptor: C957)			
** DISCCART	407437.495239695	3758212.50671473	427.20	1.50
** receptor	=B999+1 (sensitive receptor: C958)			
** DISCCART	407437.495239695	3758187.5018044	424.90	1.50
** receptor	=B1000+1 (sensitive receptor: C959)			
** DISCCART	407437.495239695	3758162.50689204	420.00	1.50
** receptor	=B1001+1 (sensitive receptor: C960)			
** DISCCART	407437.495239695	3758137.50198172	409.50	1.50
** receptor	=B1002+1 (sensitive receptor: C961)			
** DISCCART	407462.4966396	3758512.50565081	519.20	1.50
** receptor	=B1003+1 (sensitive receptor: C962)			
** DISCCART	407462.4966396	3758487.50074049	519.20	1.50
** receptor	=B1004+1 (sensitive receptor: C963)			
** DISCCART	407462.4966396	3758462.50582813	522.90	1.50
** receptor	=B1005+1 (sensitive receptor: C964)			
** DISCCART	407462.4966396	3758437.50091781	512.40	1.50
** receptor	=B1006+1 (sensitive receptor: C965)			
** DISCCART	407462.4966396	3758412.50600545	490.10	1.50
** receptor	=B1007+1 (sensitive receptor: C966)			
** DISCCART	407462.4966396	3758387.50109513	475.50	1.50
** receptor	=B1008+1 (sensitive receptor: C967)			
** DISCCART	407462.4966396	3758362.50618277	463.10	1.50
** receptor	=B1009+1 (sensitive receptor: C968)			
** DISCCART	407462.4966396	3758337.50127244	461.60	1.50
** receptor	=B1010+1 (sensitive receptor: C969)			
** DISCCART	407462.4966396	3758312.50636009	461.60	1.50
** receptor	=B1011+1 (sensitive receptor: C970)			

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** DISCCART	407462.4966396	3758287.50144976	462.50	1.50
** receptor	=B1012+1 (sensitive receptor: C971)			
** DISCCART	407462.4966396	3758262.50653741	456.30	1.50
** receptor	=B1013+1 (sensitive receptor: C972)			
** DISCCART	407462.4966396	3758237.50162708	442.30	1.50
** receptor	=B1014+1 (sensitive receptor: C973)			
** DISCCART	407462.4966396	3758212.50671473	437.60	1.50
** receptor	=B1015+1 (sensitive receptor: C974)			
** DISCCART	407462.4966396	3758187.5018044	434.80	1.50
** receptor	=B1016+1 (sensitive receptor: C975)			
** DISCCART	407462.4966396	3758162.50689204	429.80	1.50
** receptor	=B1017+1 (sensitive receptor: C976)			
** DISCCART	407462.4966396	3758137.50198172	424.90	1.50
** receptor	=B1018+1 (sensitive receptor: C977)			
** DISCCART	407487.498039506	3758512.50565081	518.10	1.50
** receptor	=B1019+1 (sensitive receptor: C978)			
** DISCCART	407487.498039506	3758487.50074049	528.10	1.50
** receptor	=B1020+1 (sensitive receptor: C979)			
** DISCCART	407487.498039506	3758462.50582813	526.70	1.50
** receptor	=B1021+1 (sensitive receptor: C980)			
** DISCCART	407487.498039506	3758437.50091781	512.20	1.50
** receptor	=B1022+1 (sensitive receptor: C981)			
** DISCCART	407487.498039506	3758412.50600545	488.90	1.50
** receptor	=B1023+1 (sensitive receptor: C982)			
** DISCCART	407487.498039506	3758387.50109513	472.90	1.50
** receptor	=B1024+1 (sensitive receptor: C983)			
** DISCCART	407487.498039506	3758362.50618277	462.10	1.50
** receptor	=B1025+1 (sensitive receptor: C984)			
** DISCCART	407487.498039506	3758337.50127244	459.20	1.50
** receptor	=B1026+1 (sensitive receptor: C985)			
** DISCCART	407487.498039506	3758312.50636009	459.20	1.50
** receptor	=B1027+1 (sensitive receptor: C986)			
** DISCCART	407487.498039506	3758287.50144976	461.80	1.50
** receptor	=B1028+1 (sensitive receptor: C987)			
** DISCCART	407487.498039506	3758262.50653741	461.80	1.50
** receptor	=B1029+1 (sensitive receptor: C988)			
** DISCCART	407487.498039506	3758237.50162708	458.50	1.50
** receptor	=B1030+1 (sensitive receptor: C989)			
** DISCCART	407487.498039506	3758212.50671473	454.80	1.50
** receptor	=B1031+1 (sensitive receptor: C990)			
** DISCCART	407487.498039506	3758187.5018044	447.90	1.50
** receptor	=B1032+1 (sensitive receptor: C991)			
** DISCCART	407487.498039506	3758162.50689204	444.60	1.50
** receptor	=B1033+1 (sensitive receptor: C992)			
** DISCCART	407487.498039506	3758137.50198172	441.30	1.50
** receptor	=B1034+1 (sensitive receptor: C993)			
** DISCCART	407512.499439412	3758512.50565081	491.60	1.50
** receptor	=B1035+1 (sensitive receptor: C994)			
** DISCCART	407512.499439412	3758487.50074049	495.00	1.50
** receptor	=B1036+1 (sensitive receptor: C995)			
** DISCCART	407512.499439412	3758462.50582813	504.30	1.50
** receptor	=B1037+1 (sensitive receptor: C996)			
** DISCCART	407512.499439412	3758437.50091781	496.60	1.50
** receptor	=B1038+1 (sensitive receptor: C997)			
** DISCCART	407512.499439412	3758412.50600545	478.90	1.50
** receptor	=B1039+1 (sensitive receptor: C998)			
** DISCCART	407512.499439412	3758387.50109513	468.00	1.50
** receptor	=B1040+1 (sensitive receptor: C999)			
** DISCCART	407512.499439412	3758362.50618277	462.00	1.50
** receptor	=B1041+1 (sensitive receptor: C1000)			
** DISCCART	407512.499439412	3758337.50127244	466.70	1.50
** receptor	=B1042+1 (sensitive receptor: C1001)			
** DISCCART	407512.499439412	3758312.50636009	467.10	1.50
** receptor	=B1043+1 (sensitive receptor: C1002)			
** DISCCART	407512.499439412	3758287.50144976	466.70	1.50
** receptor	=B1044+1 (sensitive receptor: C1003)			
** DISCCART	407512.499439412	3758262.50653741	466.70	1.50
** receptor	=B1045+1 (sensitive receptor: C1004)			
** DISCCART	407512.499439412	3758237.50162708	463.40	1.50
** receptor	=B1046+1 (sensitive receptor: C1005)			
** DISCCART	407512.499439412	3758212.50671473	463.40	1.50
** receptor	=B1047+1 (sensitive receptor: C1006)			
** DISCCART	407512.499439412	3758187.5018044	461.00	1.50
** receptor	=B1048+1 (sensitive receptor: C1007)			
** DISCCART	407512.499439412	3758162.50689204	459.30	1.50
** receptor	=B1049+1 (sensitive receptor: C1008)			

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DISCCART 407512.499439412 3758137.50198172 453.60 1.50
 ** receptor =B1050+1 (sensitive receptor: C1009)
 DISCCART 407537.500839317 3758512.50565081 0.00 1.50
 ** receptor =B1051+1 (sensitive receptor: C1010)
 DISCCART 407537.500839317 3758487.50074049 0.00 1.50
 ** receptor =B1052+1 (sensitive receptor: C1011)
 DISCCART 407537.500839317 3758462.50582813 0.00 1.50
 ** receptor =B1053+1 (sensitive receptor: C1012)
 DISCCART 407537.500839317 3758437.50091781 0.00 1.50
 ** receptor =B1054+1 (sensitive receptor: C1013)
 DISCCART 407537.500839317 3758412.50600545 0.00 1.50
 ** receptor =B1055+1 (sensitive receptor: C1014)
 DISCCART 407537.500839317 3758387.50109513 0.00 1.50
 ** receptor =B1056+1 (sensitive receptor: C1015)
 DISCCART 407537.500839317 3758362.50618277 0.00 1.50
 ** receptor =B1057+1 (sensitive receptor: C1016)
 DISCCART 407537.500839317 3758337.50127244 0.00 1.50
 ** receptor =B1058+1 (sensitive receptor: C1017)
 DISCCART 407537.500839317 3758312.50636009 0.00 1.50
 ** receptor =B1059+1 (sensitive receptor: C1018)
 DISCCART 407537.500839317 3758287.50144976 0.00 1.50
 ** receptor =B1060+1 (sensitive receptor: C1019)
 DISCCART 407537.500839317 3758262.50653741 0.00 1.50
 ** receptor =B1061+1 (sensitive receptor: C1020)
 DISCCART 407537.500839317 3758237.50162708 0.00 1.50
 ** receptor =B1062+1 (sensitive receptor: C1021)
 DISCCART 407537.500839317 3758212.50671473 0.00 1.50
 ** receptor =B1063+1 (sensitive receptor: C1022)
 DISCCART 407537.500839317 3758187.5018044 0.00 1.50
 ** receptor =B1064+1 (sensitive receptor: C1023)
 DISCCART 407537.500839317 3758162.50689204 0.00 1.50
 ** receptor =B1065+1 (sensitive receptor: C1024)
 DISCCART 407537.500839317 3758137.50198172 0.00 1.50
 ** receptor =B1066+1 (sensitive receptor: C1025)
 DISCCART 407562.502239223 3758512.50565081 0.00 1.50
 ** receptor =B1067+1 (sensitive receptor: C1026)
 DISCCART 407562.502239223 3758487.50074049 0.00 1.50
 ** receptor =B1068+1 (sensitive receptor: C1027)
 DISCCART 407562.502239223 3758462.50582813 0.00 1.50
 ** receptor =B1069+1 (sensitive receptor: C1028)
 DISCCART 407562.502239223 3758437.50091781 0.00 1.50
 ** receptor =B1070+1 (sensitive receptor: C1029)
 DISCCART 407562.502239223 3758412.50600545 0.00 1.50
 ** receptor =B1071+1 (sensitive receptor: C1030)
 DISCCART 407562.502239223 3758387.50109513 0.00 1.50
 ** receptor =B1072+1 (sensitive receptor: C1031)
 DISCCART 407562.502239223 3758362.50618277 0.00 1.50
 ** receptor =B1073+1 (sensitive receptor: C1032)
 DISCCART 407562.502239223 3758337.50127244 0.00 1.50
 ** receptor =B1074+1 (sensitive receptor: C1033)
 DISCCART 407562.502239223 3758312.50636009 0.00 1.50
 ** receptor =B1075+1 (sensitive receptor: C1034)
 DISCCART 407562.502239223 3758287.50144976 0.00 1.50
 ** receptor =B1076+1 (sensitive receptor: C1035)
 DISCCART 407562.502239223 3758262.50653741 0.00 1.50
 ** receptor =B1077+1 (sensitive receptor: C1036)
 DISCCART 407562.502239223 3758237.50162708 0.00 1.50
 ** receptor =B1078+1 (sensitive receptor: C1037)
 DISCCART 407562.502239223 3758212.50671473 0.00 1.50
 ** receptor =B1079+1 (sensitive receptor: C1038)
 DISCCART 407562.502239223 3758187.5018044 0.00 1.50
 ** receptor =B1080+1 (sensitive receptor: C1039)
 DISCCART 407562.502239223 3758162.50689204 0.00 1.50
 ** receptor =B1081+1 (sensitive receptor: C1040)
 DISCCART 407562.502239223 3758137.50198172 0.00 1.50
 ** receptor =B1082+1 (sensitive receptor: C1041)
 DISCCART 407587.495393284 3758512.50565081 0.00 1.50
 ** receptor =B1083+1 (sensitive receptor: C1042)
 DISCCART 407587.495393284 3758487.50074049 0.00 1.50
 ** receptor =B1084+1 (sensitive receptor: C1043)
 DISCCART 407587.495393284 3758462.50582813 0.00 1.50
 ** receptor =B1085+1 (sensitive receptor: C1044)
 DISCCART 407587.495393284 3758437.50091781 0.00 1.50
 ** receptor =B1086+1 (sensitive receptor: C1045)
 DISCCART 407587.495393284 3758412.50600545 0.00 1.50
 ** receptor =B1087+1 (sensitive receptor: C1046)

Appendix B

NOx Annual Emissions Mitigated

DISCCART 407587.495393284 3758387.50109513 0.00 1.50
 ** receptor =B1088+1 (sensitive receptor: C1047)
 DISCCART 407587.495393284 3758362.50618277 0.00 1.50
 ** receptor =B1089+1 (sensitive receptor: C1048)
 DISCCART 407587.495393284 3758337.50127244 0.00 1.50
 ** receptor =B1090+1 (sensitive receptor: C1049)
 DISCCART 407587.495393284 3758312.50636009 0.00 1.50
 ** receptor =B1091+1 (sensitive receptor: C1050)
 DISCCART 407587.495393284 3758287.50144976 0.00 1.50
 ** receptor =B1092+1 (sensitive receptor: C1051)
 DISCCART 407587.495393284 3758262.50653741 0.00 1.50
 ** receptor =B1093+1 (sensitive receptor: C1052)
 DISCCART 407587.495393284 3758237.50162708 0.00 1.50
 ** receptor =B1094+1 (sensitive receptor: C1053)
 DISCCART 407587.495393284 3758212.50671473 0.00 1.50
 ** receptor =B1095+1 (sensitive receptor: C1054)
 DISCCART 407587.495393284 3758187.5018044 0.00 1.50
 ** receptor =B1096+1 (sensitive receptor: C1055)
 DISCCART 407587.495393284 3758162.50689204 0.00 1.50
 ** receptor =B1097+1 (sensitive receptor: C1056)
 DISCCART 407587.495393284 3758137.50198172 0.00 1.50
 ** receptor =B1098+1 (sensitive receptor: C1057)
 DISCCART 407612.49679319 3758512.50565081 0.00 1.50
 ** receptor =B1099+1 (sensitive receptor: C1058)
 DISCCART 407612.49679319 3758487.50074049 0.00 1.50
 ** receptor =B1100+1 (sensitive receptor: C1059)
 DISCCART 407612.49679319 3758462.50582813 0.00 1.50
 ** receptor =B1101+1 (sensitive receptor: C1060)
 DISCCART 407612.49679319 3758437.50091781 0.00 1.50
 ** receptor =B1102+1 (sensitive receptor: C1061)
 DISCCART 407612.49679319 3758412.50600545 0.00 1.50
 ** receptor =B1103+1 (sensitive receptor: C1062)
 DISCCART 407612.49679319 3758387.50109513 0.00 1.50
 ** receptor =B1104+1 (sensitive receptor: C1063)
 DISCCART 407612.49679319 3758362.50618277 0.00 1.50
 ** receptor =B1105+1 (sensitive receptor: C1064)
 DISCCART 407612.49679319 3758337.50127244 0.00 1.50
 ** receptor =B1106+1 (sensitive receptor: C1065)
 DISCCART 407612.49679319 3758312.50636009 0.00 1.50
 ** receptor =B1107+1 (sensitive receptor: C1066)
 DISCCART 407612.49679319 3758287.50144976 0.00 1.50
 ** receptor =B1108+1 (sensitive receptor: C1067)
 DISCCART 407612.49679319 3758262.50653741 0.00 1.50
 ** receptor =B1109+1 (sensitive receptor: C1068)
 DISCCART 407612.49679319 3758237.50162708 0.00 1.50
 ** receptor =B1110+1 (sensitive receptor: C1069)
 DISCCART 407612.49679319 3758212.50671473 0.00 1.50
 ** receptor =B1111+1 (sensitive receptor: C1070)
 DISCCART 407612.49679319 3758187.5018044 0.00 1.50
 ** receptor =B1112+1 (sensitive receptor: C1071)
 DISCCART 407612.49679319 3758162.50689204 0.00 1.50
 ** receptor =B1113+1 (sensitive receptor: C1072)
 DISCCART 407612.49679319 3758137.50198172 0.00 1.50
 ** receptor =B1114+1 (sensitive receptor: C1073)
 DISCCART 407637.498193095 3758512.50565081 0.00 1.50
 ** receptor =B1115+1 (sensitive receptor: C1074)
 DISCCART 407637.498193095 3758487.50074049 0.00 1.50
 ** receptor =B1116+1 (sensitive receptor: C1075)
 DISCCART 407637.498193095 3758462.50582813 0.00 1.50
 ** receptor =B1117+1 (sensitive receptor: C1076)
 DISCCART 407637.498193095 3758437.50091781 0.00 1.50
 ** receptor =B1118+1 (sensitive receptor: C1077)
 DISCCART 407637.498193095 3758412.50600545 0.00 1.50
 ** receptor =B1119+1 (sensitive receptor: C1078)
 DISCCART 407637.498193095 3758387.50109513 0.00 1.50
 ** receptor =B1120+1 (sensitive receptor: C1079)
 DISCCART 407637.498193095 3758362.50618277 0.00 1.50
 ** receptor =B1121+1 (sensitive receptor: C1080)
 DISCCART 407637.498193095 3758337.50127244 0.00 1.50
 ** receptor =B1122+1 (sensitive receptor: C1081)
 DISCCART 407637.498193095 3758312.50636009 0.00 1.50
 ** receptor =B1123+1 (sensitive receptor: C1082)
 DISCCART 407637.498193095 3758287.50144976 0.00 1.50
 ** receptor =B1124+1 (sensitive receptor: C1083)
 DISCCART 407637.498193095 3758262.50653741 0.00 1.50
 ** receptor =B1125+1 (sensitive receptor: C1084)

Appendix B

NOx Annual Emissions Mitigated

** DISCCART	407637.498193095	3758237.50162708	0.00	1.50
** receptor	=B1126+1 (sensitive receptor: C1085)			
** DISCCART	407637.498193095	3758212.50671473	0.00	1.50
** receptor	=B1127+1 (sensitive receptor: C1086)			
** DISCCART	407637.498193095	3758187.5018044	0.00	1.50
** receptor	=B1128+1 (sensitive receptor: C1087)			
** DISCCART	407637.498193095	3758162.50689204	0.00	1.50
** receptor	=B1129+1 (sensitive receptor: C1088)			
** DISCCART	407637.498193095	3758137.50198172	0.00	1.50
** receptor	=B1130+1 (sensitive receptor: C1089)			
** DISCCART	407662.499593001	3758512.50565081	0.00	1.50
** receptor	=B1131+1 (sensitive receptor: C1090)			
** DISCCART	407662.499593001	3758487.50074049	0.00	1.50
** receptor	=B1132+1 (sensitive receptor: C1091)			
** DISCCART	407662.499593001	3758462.50582813	0.00	1.50
** receptor	=B1133+1 (sensitive receptor: C1092)			
** DISCCART	407662.499593001	3758437.50091781	0.00	1.50
** receptor	=B1134+1 (sensitive receptor: C1093)			
** DISCCART	407662.499593001	3758412.50600545	0.00	1.50
** receptor	=B1135+1 (sensitive receptor: C1094)			
** DISCCART	407662.499593001	3758387.50109513	0.00	1.50
** receptor	=B1136+1 (sensitive receptor: C1095)			
** DISCCART	407662.499593001	3758362.50618277	0.00	1.50
** receptor	=B1137+1 (sensitive receptor: C1096)			
** DISCCART	407662.499593001	3758337.50127244	0.00	1.50
** receptor	=B1138+1 (sensitive receptor: C1097)			
** DISCCART	407662.499593001	3758312.50636009	0.00	1.50
** receptor	=B1139+1 (sensitive receptor: C1098)			
** DISCCART	407662.499593001	3758287.50144976	0.00	1.50
** receptor	=B1140+1 (sensitive receptor: C1099)			
** DISCCART	407662.499593001	3758262.50653741	0.00	1.50
** receptor	=B1141+1 (sensitive receptor: C1100)			
** DISCCART	407662.499593001	3758237.50162708	0.00	1.50
** receptor	=B1142+1 (sensitive receptor: C1101)			
** DISCCART	407662.499593001	3758212.50671473	0.00	1.50
** receptor	=B1143+1 (sensitive receptor: C1102)			
** DISCCART	407662.499593001	3758187.5018044	0.00	1.50
** receptor	=B1144+1 (sensitive receptor: C1103)			
** DISCCART	407662.499593001	3758162.50689204	0.00	1.50
** receptor	=B1145+1 (sensitive receptor: C1104)			
** DISCCART	407662.499593001	3758137.50198172	0.00	1.50
** receptor	=B1146+1 (sensitive receptor: C1105)			
** DISCCART	407687.500992907	3758512.50565081	0.00	1.50
** receptor	=B1147+1 (sensitive receptor: C1106)			
** DISCCART	407687.500992907	3758487.50074049	0.00	1.50
** receptor	=B1148+1 (sensitive receptor: C1107)			
** DISCCART	407687.500992907	3758462.50582813	0.00	1.50
** receptor	=B1149+1 (sensitive receptor: C1108)			
** DISCCART	407687.500992907	3758437.50091781	0.00	1.50
** receptor	=B1150+1 (sensitive receptor: C1109)			
** DISCCART	407687.500992907	3758412.50600545	0.00	1.50
** receptor	=B1151+1 (sensitive receptor: C1110)			
** DISCCART	407687.500992907	3758387.50109513	0.00	1.50
** receptor	=B1152+1 (sensitive receptor: C1111)			
** DISCCART	407687.500992907	3758362.50618277	0.00	1.50
** receptor	=B1153+1 (sensitive receptor: C1112)			
** DISCCART	407687.500992907	3758337.50127244	0.00	1.50
** receptor	=B1154+1 (sensitive receptor: C1113)			
** DISCCART	407687.500992907	3758312.50636009	0.00	1.50
** receptor	=B1155+1 (sensitive receptor: C1114)			
** DISCCART	407687.500992907	3758287.50144976	0.00	1.50
** receptor	=B1156+1 (sensitive receptor: C1115)			
** DISCCART	407687.500992907	3758262.50653741	0.00	1.50
** receptor	=B1157+1 (sensitive receptor: C1116)			
** DISCCART	407687.500992907	3758237.50162708	0.00	1.50
** receptor	=B1158+1 (sensitive receptor: C1117)			
** DISCCART	407687.500992907	3758212.50671473	0.00	1.50
** receptor	=B1159+1 (sensitive receptor: C1118)			
** DISCCART	407687.500992907	3758187.5018044	0.00	1.50
** receptor	=B1160+1 (sensitive receptor: C1119)			
** DISCCART	407687.500992907	3758162.50689204	0.00	1.50
** receptor	=B1161+1 (sensitive receptor: C1120)			
** DISCCART	407687.500992907	3758137.50198172	0.00	1.50
** receptor	=B1162+1 (sensitive receptor: C1121)			
** DISCCART	407712.502392812	3758512.50565081	0.00	1.50
** receptor	=B1163+1 (sensitive receptor: C1122)			

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** DISCCART	407712.502392812	3758487.50074049	0.00	1.50
** receptor	=B1164+1 (sensitive receptor: C1123)			
** DISCCART	407712.502392812	3758462.50582813	0.00	1.50
** receptor	=B1165+1 (sensitive receptor: C1124)			
** DISCCART	407712.502392812	3758437.50091781	0.00	1.50
** receptor	=B1166+1 (sensitive receptor: C1125)			
** DISCCART	407712.502392812	3758412.50600545	0.00	1.50
** receptor	=B1167+1 (sensitive receptor: C1126)			
** DISCCART	407712.502392812	3758387.50109513	0.00	1.50
** receptor	=B1168+1 (sensitive receptor: C1127)			
** DISCCART	407712.502392812	3758362.50618277	0.00	1.50
** receptor	=B1169+1 (sensitive receptor: C1128)			
** DISCCART	407712.502392812	3758337.50127244	0.00	1.50
** receptor	=B1170+1 (sensitive receptor: C1129)			
** DISCCART	407712.502392812	3758312.50636009	0.00	1.50
** receptor	=B1171+1 (sensitive receptor: C1130)			
** DISCCART	407712.502392812	3758287.50144976	0.00	1.50
** receptor	=B1172+1 (sensitive receptor: C1131)			
** DISCCART	407712.502392812	3758262.50653741	0.00	1.50
** receptor	=B1173+1 (sensitive receptor: C1132)			
** DISCCART	407712.502392812	3758237.50162708	0.00	1.50
** receptor	=B1174+1 (sensitive receptor: C1133)			
** DISCCART	407712.502392812	3758212.50671473	0.00	1.50
** receptor	=B1175+1 (sensitive receptor: C1134)			
** DISCCART	407712.502392812	3758187.5018044	0.00	1.50
** receptor	=B1176+1 (sensitive receptor: C1135)			
** DISCCART	407712.502392812	3758162.50689204	0.00	1.50
** receptor	=B1177+1 (sensitive receptor: C1136)			
** DISCCART	407712.502392812	3758137.50198172	0.00	1.50
** receptor	=B1178+1 (sensitive receptor: C1137)			
** DISCCART	407737.495546874	3758512.50565081	0.00	1.50
** receptor	=B1179+1 (sensitive receptor: C1138)			
** DISCCART	407737.495546874	3758487.50074049	0.00	1.50
** receptor	=B1180+1 (sensitive receptor: C1139)			
** DISCCART	407737.495546874	3758462.50582813	0.00	1.50
** receptor	=B1181+1 (sensitive receptor: C1140)			
** DISCCART	407737.495546874	3758437.50091781	0.00	1.50
** receptor	=B1182+1 (sensitive receptor: C1141)			
** DISCCART	407737.495546874	3758412.50600545	0.00	1.50
** receptor	=B1183+1 (sensitive receptor: C1142)			
** DISCCART	407737.495546874	3758387.50109513	0.00	1.50
** receptor	=B1184+1 (sensitive receptor: C1143)			
** DISCCART	407737.495546874	3758362.50618277	0.00	1.50
** receptor	=B1185+1 (sensitive receptor: C1144)			
** DISCCART	407737.495546874	3758337.50127244	0.00	1.50
** receptor	=B1186+1 (sensitive receptor: C1145)			
** DISCCART	407737.495546874	3758312.50636009	0.00	1.50
** receptor	=B1187+1 (sensitive receptor: C1146)			
** DISCCART	407737.495546874	3758287.50144976	0.00	1.50
** receptor	=B1188+1 (sensitive receptor: C1147)			
** DISCCART	407737.495546874	3758262.50653741	0.00	1.50
** receptor	=B1189+1 (sensitive receptor: C1148)			
** DISCCART	407737.495546874	3758237.50162708	0.00	1.50
** receptor	=B1190+1 (sensitive receptor: C1149)			
** DISCCART	407737.495546874	3758212.50671473	0.00	1.50
** receptor	=B1191+1 (sensitive receptor: C1150)			
** DISCCART	407737.495546874	3758187.5018044	0.00	1.50
** receptor	=B1192+1 (sensitive receptor: C1151)			
** DISCCART	407737.495546874	3758162.50689204	0.00	1.50
** receptor	=B1193+1 (sensitive receptor: C1152)			
** DISCCART	407737.495546874	3758137.50198172	0.00	1.50
** receptor	=B1194+1 (sensitive receptor: C1153)			
** DISCCART	407762.496946779	3758512.50565081	0.00	1.50
** receptor	=B1195+1 (sensitive receptor: C1154)			
** DISCCART	407762.496946779	3758487.50074049	0.00	1.50
** receptor	=B1196+1 (sensitive receptor: C1155)			
** DISCCART	407762.496946779	3758462.50582813	0.00	1.50
** receptor	=B1197+1 (sensitive receptor: C1156)			
** DISCCART	407762.496946779	3758437.50091781	0.00	1.50
** receptor	=B1198+1 (sensitive receptor: C1157)			
** DISCCART	407762.496946779	3758412.50600545	0.00	1.50
** receptor	=B1199+1 (sensitive receptor: C1158)			
** DISCCART	407762.496946779	3758387.50109513	0.00	1.50
** receptor	=B1200+1 (sensitive receptor: C1159)			
** DISCCART	407762.496946779	3758362.50618277	0.00	1.50
** receptor	=B1201+1 (sensitive receptor: C1160)			

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** receptor	DISCCART	407762.496946779	3758337.50127244	0.00	1.50
** receptor	=B1202+1 (sensitive receptor: C1161)				
** receptor	DISCCART	407762.496946779	3758312.50636009	0.00	1.50
** receptor	=B1203+1 (sensitive receptor: C1162)				
** receptor	DISCCART	407762.496946779	3758287.50144976	0.00	1.50
** receptor	=B1204+1 (sensitive receptor: C1163)				
** receptor	DISCCART	407762.496946779	3758262.50653741	0.00	1.50
** receptor	=B1205+1 (sensitive receptor: C1164)				
** receptor	DISCCART	407762.496946779	3758237.50162708	0.00	1.50
** receptor	=B1206+1 (sensitive receptor: C1165)				
** receptor	DISCCART	407762.496946779	3758212.50671473	0.00	1.50
** receptor	=B1207+1 (sensitive receptor: C1166)				
** receptor	DISCCART	407762.496946779	3758187.5018044	0.00	1.50
** receptor	=B1208+1 (sensitive receptor: C1167)				
** receptor	DISCCART	407762.496946779	3758162.50689204	0.00	1.50
** receptor	=B1209+1 (sensitive receptor: C1168)				
** receptor	DISCCART	407762.496946779	3758137.50198172	0.00	1.50
** receptor	=B1210+1 (sensitive receptor: C1169)				
** receptor	DISCCART	407787.498346685	3758512.50565081	0.00	1.50
** receptor	=B1211+1 (sensitive receptor: C1170)				
** receptor	DISCCART	407787.498346685	3758487.50074049	0.00	1.50
** receptor	=B1212+1 (sensitive receptor: C1171)				
** receptor	DISCCART	407787.498346685	3758462.50582813	0.00	1.50
** receptor	=B1213+1 (sensitive receptor: C1172)				
** receptor	DISCCART	407787.498346685	3758437.50091781	0.00	1.50
** receptor	=B1214+1 (sensitive receptor: C1173)				
** receptor	DISCCART	407787.498346685	3758412.50600545	0.00	1.50
** receptor	=B1215+1 (sensitive receptor: C1174)				
** receptor	DISCCART	407787.498346685	3758387.50109513	0.00	1.50
** receptor	=B1216+1 (sensitive receptor: C1175)				
** receptor	DISCCART	407787.498346685	3758362.50618277	0.00	1.50
** receptor	=B1217+1 (sensitive receptor: C1176)				
** receptor	DISCCART	407787.498346685	3758337.50127244	0.00	1.50
** receptor	=B1218+1 (sensitive receptor: C1177)				
** receptor	DISCCART	407787.498346685	3758312.50636009	0.00	1.50
** receptor	=B1219+1 (sensitive receptor: C1178)				
** receptor	DISCCART	407787.498346685	3758287.50144976	0.00	1.50
** receptor	=B1220+1 (sensitive receptor: C1179)				
** receptor	DISCCART	407787.498346685	3758262.50653741	0.00	1.50
** receptor	=B1221+1 (sensitive receptor: C1180)				
** receptor	DISCCART	407787.498346685	3758237.50162708	0.00	1.50
** receptor	=B1222+1 (sensitive receptor: C1181)				
** receptor	DISCCART	407787.498346685	3758212.50671473	0.00	1.50
** receptor	=B1223+1 (sensitive receptor: C1182)				
** receptor	DISCCART	407787.498346685	3758187.5018044	0.00	1.50
** receptor	=B1224+1 (sensitive receptor: C1183)				
** receptor	DISCCART	407787.498346685	3758162.50689204	0.00	1.50
** receptor	=B1225+1 (sensitive receptor: C1184)				
** receptor	DISCCART	407787.498346685	3758137.50198172	0.00	1.50
** receptor	=B1226+1 (sensitive receptor: C1185)				
** receptor	DISCCART	407812.49974659	3758512.50565081	0.00	1.50
** receptor	=B1227+1 (sensitive receptor: C1186)				
** receptor	DISCCART	407812.49974659	3758487.50074049	0.00	1.50
** receptor	=B1228+1 (sensitive receptor: C1187)				
** receptor	DISCCART	407812.49974659	3758462.50582813	0.00	1.50
** receptor	=B1229+1 (sensitive receptor: C1188)				
** receptor	DISCCART	407812.49974659	3758437.50091781	0.00	1.50
** receptor	=B1230+1 (sensitive receptor: C1189)				
** receptor	DISCCART	407812.49974659	3758412.50600545	0.00	1.50
** receptor	=B1231+1 (sensitive receptor: C1190)				
** receptor	DISCCART	407812.49974659	3758387.50109513	0.00	1.50
** receptor	=B1232+1 (sensitive receptor: C1191)				
** receptor	DISCCART	407812.49974659	3758362.50618277	0.00	1.50
** receptor	=B1233+1 (sensitive receptor: C1192)				
** receptor	DISCCART	407812.49974659	3758337.50127244	0.00	1.50
** receptor	=B1234+1 (sensitive receptor: C1193)				
** receptor	DISCCART	407812.49974659	3758312.50636009	0.00	1.50
** receptor	=B1235+1 (sensitive receptor: C1194)				
** receptor	DISCCART	407812.49974659	3758287.50144976	0.00	1.50
** receptor	=B1236+1 (sensitive receptor: C1195)				
** receptor	DISCCART	407812.49974659	3758262.50653741	0.00	1.50
** receptor	=B1237+1 (sensitive receptor: C1196)				
** receptor	DISCCART	407812.49974659	3758237.50162708	0.00	1.50
** receptor	=B1238+1 (sensitive receptor: C1197)				
** receptor	DISCCART	407812.49974659	3758212.50671473	0.00	1.50
** receptor	=B1239+1 (sensitive receptor: C1198)				

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DISCCART 407812.49974659 3758187.5018044 0.00 1.50
 ** receptor =B1240+1 (sensitive receptor: C1199)
 DISCCART 407812.49974659 3758162.50689204 0.00 1.50
 ** receptor =B1241+1 (sensitive receptor: C1200)
 DISCCART 407812.49974659 3758137.50198172 0.00 1.50
 ** receptor =B1242+1 (sensitive receptor: C1201)
 DISCCART 407837.501146496 3758512.50565081 0.00 1.50
 ** receptor =B1243+1 (sensitive receptor: C1202)
 DISCCART 407837.501146496 3758487.50074049 0.00 1.50
 ** receptor =B1244+1 (sensitive receptor: C1203)
 DISCCART 407837.501146496 3758462.50582813 0.00 1.50
 ** receptor =B1245+1 (sensitive receptor: C1204)
 DISCCART 407837.501146496 3758437.50091781 0.00 1.50
 ** receptor =B1246+1 (sensitive receptor: C1205)
 DISCCART 407837.501146496 3758412.50600545 0.00 1.50
 ** receptor =B1247+1 (sensitive receptor: C1206)
 DISCCART 407837.501146496 3758387.50109513 0.00 1.50
 ** receptor =B1248+1 (sensitive receptor: C1207)
 DISCCART 407837.501146496 3758362.50618277 0.00 1.50
 ** receptor =B1249+1 (sensitive receptor: C1208)
 DISCCART 407837.501146496 3758337.50127244 0.00 1.50
 ** receptor =B1250+1 (sensitive receptor: C1209)
 DISCCART 407837.501146496 3758312.50636009 0.00 1.50
 ** receptor =B1251+1 (sensitive receptor: C1210)
 DISCCART 407837.501146496 3758287.50144976 0.00 1.50
 ** receptor =B1252+1 (sensitive receptor: C1211)
 DISCCART 407837.501146496 3758262.50653741 0.00 1.50
 ** receptor =B1253+1 (sensitive receptor: C1212)
 DISCCART 407837.501146496 3758237.50162708 0.00 1.50
 ** receptor =B1254+1 (sensitive receptor: C1213)
 DISCCART 407837.501146496 3758212.50671473 0.00 1.50
 ** receptor =B1255+1 (sensitive receptor: C1214)
 DISCCART 407837.501146496 3758187.5018044 0.00 1.50
 ** receptor =B1256+1 (sensitive receptor: C1215)
 DISCCART 407837.501146496 3758162.50689204 0.00 1.50
 ** receptor =B1257+1 (sensitive receptor: C1216)
 DISCCART 407837.501146496 3758137.50198172 0.00 1.50
 ** receptor =B1258+1 (sensitive receptor: C1217)
 DISCCART 407862.502546402 3758512.50565081 0.00 1.50
 ** receptor =B1259+1 (sensitive receptor: C1218)
 DISCCART 407862.502546402 3758487.50074049 0.00 1.50
 ** receptor =B1260+1 (sensitive receptor: C1219)
 DISCCART 407862.502546402 3758462.50582813 0.00 1.50
 ** receptor =B1261+1 (sensitive receptor: C1220)
 DISCCART 407862.502546402 3758437.50091781 0.00 1.50
 ** receptor =B1262+1 (sensitive receptor: C1221)
 DISCCART 407862.502546402 3758412.50600545 0.00 1.50
 ** receptor =B1263+1 (sensitive receptor: C1222)
 DISCCART 407862.502546402 3758387.50109513 0.00 1.50
 ** receptor =B1264+1 (sensitive receptor: C1223)
 DISCCART 407862.502546402 3758362.50618277 0.00 1.50
 ** receptor =B1265+1 (sensitive receptor: C1224)
 DISCCART 407862.502546402 3758337.50127244 0.00 1.50
 ** receptor =B1266+1 (sensitive receptor: C1225)
 DISCCART 407862.502546402 3758312.50636009 0.00 1.50
 ** receptor =B1267+1 (sensitive receptor: C1226)
 DISCCART 407862.502546402 3758287.50144976 0.00 1.50
 ** receptor =B1268+1 (sensitive receptor: C1227)
 DISCCART 407862.502546402 3758262.50653741 0.00 1.50
 ** receptor =B1269+1 (sensitive receptor: C1228)
 DISCCART 407862.502546402 3758237.50162708 0.00 1.50
 ** receptor =B1270+1 (sensitive receptor: C1229)
 DISCCART 407862.502546402 3758212.50671473 0.00 1.50
 ** receptor =B1271+1 (sensitive receptor: C1230)
 DISCCART 407862.502546402 3758187.5018044 0.00 1.50
 ** receptor =B1272+1 (sensitive receptor: C1231)
 DISCCART 407862.502546402 3758162.50689204 0.00 1.50
 ** receptor =B1273+1 (sensitive receptor: C1232)
 DISCCART 407862.502546402 3758137.50198172 0.00 1.50
 ** receptor =B1274+1 (sensitive receptor: C1233)
 DISCCART 407887.503946307 3758512.50565081 0.00 1.50
 ** receptor =B1275+1 (sensitive receptor: C1234)
 DISCCART 407887.503946307 3758487.50074049 0.00 1.50
 ** receptor =B1276+1 (sensitive receptor: C1235)
 DISCCART 407887.503946307 3758462.50582813 0.00 1.50
 ** receptor =B1277+1 (sensitive receptor: C1236)

Appendix B

NOx Annual Emissions Mitigated

** DISCCART	407887.503946307	3758437.50091781	0.00	1.50
** receptor	=B1278+1 (sensitive receptor: C1237)			
** DISCCART	407887.503946307	3758412.50600545	0.00	1.50
** receptor	=B1279+1 (sensitive receptor: C1238)			
** DISCCART	407887.503946307	3758387.50109513	0.00	1.50
** receptor	=B1280+1 (sensitive receptor: C1239)			
** DISCCART	407887.503946307	3758362.50618277	0.00	1.50
** receptor	=B1281+1 (sensitive receptor: C1240)			
** DISCCART	407887.503946307	3758337.50127244	0.00	1.50
** receptor	=B1282+1 (sensitive receptor: C1241)			
** DISCCART	407887.503946307	3758312.50636009	0.00	1.50
** receptor	=B1283+1 (sensitive receptor: C1242)			
** DISCCART	407887.503946307	3758287.50144976	0.00	1.50
** receptor	=B1284+1 (sensitive receptor: C1243)			
** DISCCART	407887.503946307	3758262.50653741	0.00	1.50
** receptor	=B1285+1 (sensitive receptor: C1244)			
** DISCCART	407887.503946307	3758237.50162708	0.00	1.50
** receptor	=B1286+1 (sensitive receptor: C1245)			
** DISCCART	407887.503946307	3758212.50671473	0.00	1.50
** receptor	=B1287+1 (sensitive receptor: C1246)			
** DISCCART	407887.503946307	3758187.5018044	0.00	1.50
** receptor	=B1288+1 (sensitive receptor: C1247)			
** DISCCART	407887.503946307	3758162.50689204	0.00	1.50
** receptor	=B1289+1 (sensitive receptor: C1248)			
** DISCCART	407887.503946307	3758137.50198172	0.00	1.50
** receptor	=B1290+1 (sensitive receptor: C1249)			
** DISCCART	407912.497100369	3758512.50565081	0.00	1.50
** receptor	=B1291+1 (sensitive receptor: C1250)			
** DISCCART	407912.497100369	3758487.50074049	0.00	1.50
** receptor	=B1292+1 (sensitive receptor: C1251)			
** DISCCART	407912.497100369	3758462.50582813	0.00	1.50
** receptor	=B1293+1 (sensitive receptor: C1252)			
** DISCCART	407912.497100369	3758437.50091781	0.00	1.50
** receptor	=B1294+1 (sensitive receptor: C1253)			
** DISCCART	407912.497100369	3758412.50600545	0.00	1.50
** receptor	=B1295+1 (sensitive receptor: C1254)			
** DISCCART	407912.497100369	3758387.50109513	0.00	1.50
** receptor	=B1296+1 (sensitive receptor: C1255)			
** DISCCART	407912.497100369	3758362.50618277	0.00	1.50
** receptor	=B1297+1 (sensitive receptor: C1256)			
** DISCCART	407912.497100369	3758337.50127244	0.00	1.50
** receptor	=B1298+1 (sensitive receptor: C1257)			
** DISCCART	407912.497100369	3758312.50636009	0.00	1.50
** receptor	=B1299+1 (sensitive receptor: C1258)			
** DISCCART	407912.497100369	3758287.50144976	0.00	1.50
** receptor	=B1300+1 (sensitive receptor: C1259)			
** DISCCART	407912.497100369	3758262.50653741	0.00	1.50
** receptor	=B1301+1 (sensitive receptor: C1260)			
** DISCCART	407912.497100369	3758237.50162708	0.00	1.50
** receptor	=B1302+1 (sensitive receptor: C1261)			
** DISCCART	407912.497100369	3758212.50671473	0.00	1.50
** receptor	=B1303+1 (sensitive receptor: C1262)			
** DISCCART	407912.497100369	3758187.5018044	0.00	1.50
** receptor	=B1304+1 (sensitive receptor: C1263)			
** DISCCART	407912.497100369	3758162.50689204	0.00	1.50
** receptor	=B1305+1 (sensitive receptor: C1264)			
** DISCCART	407912.497100369	3758137.50198172	0.00	1.50
** receptor	=B1306+1 (sensitive receptor: C1265)			
** DISCCART	407937.498500274	3758512.50565081	0.00	1.50
** receptor	=B1307+1 (sensitive receptor: C1266)			
** DISCCART	407937.498500274	3758487.50074049	0.00	1.50
** receptor	=B1308+1 (sensitive receptor: C1267)			
** DISCCART	407937.498500274	3758462.50582813	0.00	1.50
** receptor	=B1309+1 (sensitive receptor: C1268)			
** DISCCART	407937.498500274	3758437.50091781	0.00	1.50
** receptor	=B1310+1 (sensitive receptor: C1269)			
** DISCCART	407937.498500274	3758412.50600545	0.00	1.50
** receptor	=B1311+1 (sensitive receptor: C1270)			
** DISCCART	407937.498500274	3758387.50109513	0.00	1.50
** receptor	=B1312+1 (sensitive receptor: C1271)			
** DISCCART	407937.498500274	3758362.50618277	0.00	1.50
** receptor	=B1313+1 (sensitive receptor: C1272)			
** DISCCART	407937.498500274	3758337.50127244	0.00	1.50
** receptor	=B1314+1 (sensitive receptor: C1273)			
** DISCCART	407937.498500274	3758312.50636009	0.00	1.50
** receptor	=B1315+1 (sensitive receptor: C1274)			

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NOx Annual Emissions Mitigated

** DISCCART	407937.498500274	3758287.50144976	0.00	1.50
** receptor	=B1316+1 (sensitive receptor: C1275)			
** DISCCART	407937.498500274	3758262.50653741	0.00	1.50
** receptor	=B1317+1 (sensitive receptor: C1276)			
** DISCCART	407937.498500274	3758237.50162708	0.00	1.50
** receptor	=B1318+1 (sensitive receptor: C1277)			
** DISCCART	407937.498500274	3758212.50671473	0.00	1.50
** receptor	=B1319+1 (sensitive receptor: C1278)			
** DISCCART	407937.498500274	3758187.5018044	0.00	1.50
** receptor	=B1320+1 (sensitive receptor: C1279)			
** DISCCART	407937.498500274	3758162.50689204	0.00	1.50
** receptor	=B1321+1 (sensitive receptor: C1280)			
** DISCCART	407937.498500274	3758137.50198172	0.00	1.50
** receptor	=B1322+1 (sensitive receptor: C1281)			
** DISCCART	407962.49990018	3758512.50565081	0.00	1.50
** receptor	=B1323+1 (sensitive receptor: C1282)			
** DISCCART	407962.49990018	3758487.50074049	0.00	1.50
** receptor	=B1324+1 (sensitive receptor: C1283)			
** DISCCART	407962.49990018	3758462.50582813	0.00	1.50
** receptor	=B1325+1 (sensitive receptor: C1284)			
** DISCCART	407962.49990018	3758437.50091781	0.00	1.50
** receptor	=B1326+1 (sensitive receptor: C1285)			
** DISCCART	407962.49990018	3758412.50600545	0.00	1.50
** receptor	=B1327+1 (sensitive receptor: C1286)			
** DISCCART	407962.49990018	3758387.50109513	0.00	1.50
** receptor	=B1328+1 (sensitive receptor: C1287)			
** DISCCART	407962.49990018	3758362.50618277	0.00	1.50
** receptor	=B1329+1 (sensitive receptor: C1288)			
** DISCCART	407962.49990018	3758337.50127244	0.00	1.50
** receptor	=B1330+1 (sensitive receptor: C1289)			
** DISCCART	407962.49990018	3758312.50636009	0.00	1.50
** receptor	=B1331+1 (sensitive receptor: C1290)			
** DISCCART	407962.49990018	3758287.50144976	0.00	1.50
** receptor	=B1332+1 (sensitive receptor: C1291)			
** DISCCART	407962.49990018	3758262.50653741	0.00	1.50
** receptor	=B1333+1 (sensitive receptor: C1292)			
** DISCCART	407962.49990018	3758237.50162708	0.00	1.50
** receptor	=B1334+1 (sensitive receptor: C1293)			
** DISCCART	407962.49990018	3758212.50671473	0.00	1.50
** receptor	=B1335+1 (sensitive receptor: C1294)			
** DISCCART	407962.49990018	3758187.5018044	0.00	1.50
** receptor	=B1336+1 (sensitive receptor: C1295)			
** DISCCART	407962.49990018	3758162.50689204	0.00	1.50
** receptor	=B1337+1 (sensitive receptor: C1296)			
** DISCCART	407962.49990018	3758137.50198172	0.00	1.50
** receptor	=B1338+1 (sensitive receptor: C1297)			
** DISCCART	407987.501300085	3758512.50565081	0.00	1.50
** receptor	=B1339+1 (sensitive receptor: C1298)			
** DISCCART	407987.501300085	3758487.50074049	0.00	1.50
** receptor	=B1340+1 (sensitive receptor: C1299)			
** DISCCART	407987.501300085	3758462.50582813	0.00	1.50
** receptor	=B1341+1 (sensitive receptor: C1300)			
** DISCCART	407987.501300085	3758437.50091781	0.00	1.50
** receptor	=B1342+1 (sensitive receptor: C1301)			
** DISCCART	407987.501300085	3758412.50600545	0.00	1.50
** receptor	=B1343+1 (sensitive receptor: C1302)			
** DISCCART	407987.501300085	3758387.50109513	0.00	1.50
** receptor	=B1344+1 (sensitive receptor: C1303)			
** DISCCART	407987.501300085	3758362.50618277	0.00	1.50
** receptor	=B1345+1 (sensitive receptor: C1304)			
** DISCCART	407987.501300085	3758337.50127244	0.00	1.50
** receptor	=B1346+1 (sensitive receptor: C1305)			
** DISCCART	407987.501300085	3758312.50636009	0.00	1.50
** receptor	=B1347+1 (sensitive receptor: C1306)			
** DISCCART	407987.501300085	3758287.50144976	0.00	1.50
** receptor	=B1348+1 (sensitive receptor: C1307)			
** DISCCART	407987.501300085	3758262.50653741	0.00	1.50
** receptor	=B1349+1 (sensitive receptor: C1308)			
** DISCCART	407987.501300085	3758237.50162708	0.00	1.50
** receptor	=B1350+1 (sensitive receptor: C1309)			
** DISCCART	407987.501300085	3758212.50671473	0.00	1.50
** receptor	=B1351+1 (sensitive receptor: C1310)			
** DISCCART	407987.501300085	3758187.5018044	0.00	1.50
** receptor	=B1352+1 (sensitive receptor: C1311)			
** DISCCART	407987.501300085	3758162.50689204	0.00	1.50
** receptor	=B1353+1 (sensitive receptor: C1312)			

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NOx Annual Emissions Mitigated

DISCCART 407987.501300085 3758137.50198172 0.00 1.50
 ** receptor =B1354+1 (sensitive receptor: C1313)
 DISCCART 408012.502699991 3758512.50565081 0.00 1.50
 ** receptor =B1355+1 (sensitive receptor: C1314)
 DISCCART 408012.502699991 3758487.50074049 0.00 1.50
 ** receptor =B1356+1 (sensitive receptor: C1315)
 DISCCART 408012.502699991 3758462.50582813 0.00 1.50
 ** receptor =B1357+1 (sensitive receptor: C1316)
 DISCCART 408012.502699991 3758437.50091781 0.00 1.50
 ** receptor =B1358+1 (sensitive receptor: C1317)
 DISCCART 408012.502699991 3758412.50600545 0.00 1.50
 ** receptor =B1359+1 (sensitive receptor: C1318)
 DISCCART 408012.502699991 3758387.50109513 0.00 1.50
 ** receptor =B1360+1 (sensitive receptor: C1319)
 DISCCART 408012.502699991 3758362.50618277 0.00 1.50
 ** receptor =B1361+1 (sensitive receptor: C1320)
 DISCCART 408012.502699991 3758337.50127244 0.00 1.50
 ** receptor =B1362+1 (sensitive receptor: C1321)
 DISCCART 408012.502699991 3758312.50636009 0.00 1.50
 ** receptor =B1363+1 (sensitive receptor: C1322)
 DISCCART 408012.502699991 3758287.50144976 0.00 1.50
 ** receptor =B1364+1 (sensitive receptor: C1323)
 DISCCART 408012.502699991 3758262.50653741 0.00 1.50
 ** receptor =B1365+1 (sensitive receptor: C1324)
 DISCCART 408012.502699991 3758237.50162708 0.00 1.50
 ** receptor =B1366+1 (sensitive receptor: C1325)
 DISCCART 408012.502699991 3758212.50671473 0.00 1.50
 ** receptor =B1367+1 (sensitive receptor: C1326)
 DISCCART 408012.502699991 3758187.5018044 0.00 1.50
 ** receptor =B1368+1 (sensitive receptor: C1327)
 DISCCART 408012.502699991 3758162.50689204 0.00 1.50
 ** receptor =B1369+1 (sensitive receptor: C1328)
 DISCCART 408012.502699991 3758137.50198172 0.00 1.50
 ** receptor =B1370+1 (sensitive receptor: C1329)
 DISCCART 408037.495854052 3758512.50565081 0.00 1.50
 ** receptor =B1371+1 (sensitive receptor: C1330)
 DISCCART 408037.495854052 3758487.50074049 0.00 1.50
 ** receptor =B1372+1 (sensitive receptor: C1331)
 DISCCART 408037.495854052 3758462.50582813 0.00 1.50
 ** receptor =B1373+1 (sensitive receptor: C1332)
 DISCCART 408037.495854052 3758437.50091781 0.00 1.50
 ** receptor =B1374+1 (sensitive receptor: C1333)
 DISCCART 408037.495854052 3758412.50600545 0.00 1.50
 ** receptor =B1375+1 (sensitive receptor: C1334)
 DISCCART 408037.495854052 3758387.50109513 0.00 1.50
 ** receptor =B1376+1 (sensitive receptor: C1335)
 DISCCART 408037.495854052 3758362.50618277 0.00 1.50
 ** receptor =B1377+1 (sensitive receptor: C1336)
 DISCCART 408037.495854052 3758337.50127244 0.00 1.50
 ** receptor =B1378+1 (sensitive receptor: C1337)
 DISCCART 408037.495854052 3758312.50636009 0.00 1.50
 ** receptor =B1379+1 (sensitive receptor: C1338)
 DISCCART 408037.495854052 3758287.50144976 0.00 1.50
 ** receptor =B1380+1 (sensitive receptor: C1339)
 DISCCART 408037.495854052 3758262.50653741 0.00 1.50
 ** receptor =B1381+1 (sensitive receptor: C1340)
 DISCCART 408037.495854052 3758237.50162708 0.00 1.50
 ** receptor =B1382+1 (sensitive receptor: C1341)
 DISCCART 408037.495854052 3758212.50671473 0.00 1.50
 ** receptor =B1383+1 (sensitive receptor: C1342)
 DISCCART 408037.495854052 3758187.5018044 0.00 1.50
 ** receptor =B1384+1 (sensitive receptor: C1343)
 DISCCART 408037.495854052 3758162.50689204 0.00 1.50
 ** receptor =B1385+1 (sensitive receptor: C1344)
 DISCCART 408037.495854052 3758137.50198172 0.00 1.50
 ** receptor =B1386+1 (sensitive receptor: C1345)
 DISCCART 408062.497253958 3758512.50565081 0.00 1.50
 ** receptor =B1387+1 (sensitive receptor: C1346)
 DISCCART 408062.497253958 3758487.50074049 0.00 1.50
 ** receptor =B1388+1 (sensitive receptor: C1347)
 DISCCART 408062.497253958 3758462.50582813 0.00 1.50
 ** receptor =B1389+1 (sensitive receptor: C1348)
 DISCCART 408062.497253958 3758437.50091781 0.00 1.50
 ** receptor =B1390+1 (sensitive receptor: C1349)
 DISCCART 408062.497253958 3758412.50600545 0.00 1.50
 ** receptor =B1391+1 (sensitive receptor: C1350)

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DISCCART 408062.497253958 3758387.50109513 0.00 1.50
 ** receptor =B1392+1 (sensitive receptor: C1351)
 DISCCART 408062.497253958 3758362.50618277 0.00 1.50
 ** receptor =B1393+1 (sensitive receptor: C1352)
 DISCCART 408062.497253958 3758337.50127244 0.00 1.50
 ** receptor =B1394+1 (sensitive receptor: C1353)
 DISCCART 408062.497253958 3758312.50636009 0.00 1.50
 ** receptor =B1395+1 (sensitive receptor: C1354)
 DISCCART 408062.497253958 3758287.50144976 0.00 1.50
 ** receptor =B1396+1 (sensitive receptor: C1355)
 DISCCART 408062.497253958 3758262.50653741 0.00 1.50
 ** receptor =B1397+1 (sensitive receptor: C1356)
 DISCCART 408062.497253958 3758237.50162708 0.00 1.50
 ** receptor =B1398+1 (sensitive receptor: C1357)
 DISCCART 408062.497253958 3758212.50671473 0.00 1.50
 ** receptor =B1399+1 (sensitive receptor: C1358)
 DISCCART 408062.497253958 3758187.5018044 0.00 1.50
 ** receptor =B1400+1 (sensitive receptor: C1359)
 DISCCART 408062.497253958 3758162.50689204 0.00 1.50
 ** receptor =B1401+1 (sensitive receptor: C1360)
 DISCCART 408062.497253958 3758137.50198172 0.00 1.50
 ** receptor =B1402+1 (sensitive receptor: C1361)
 DISCCART 408087.498653864 3758512.50565081 0.00 1.50
 ** receptor =B1403+1 (sensitive receptor: C1362)
 DISCCART 408087.498653864 3758487.50074049 0.00 1.50
 ** receptor =B1404+1 (sensitive receptor: C1363)
 DISCCART 408087.498653864 3758462.50582813 0.00 1.50
 ** receptor =B1405+1 (sensitive receptor: C1364)
 DISCCART 408087.498653864 3758437.50091781 0.00 1.50
 ** receptor =B1406+1 (sensitive receptor: C1365)
 DISCCART 408087.498653864 3758412.50600545 0.00 1.50
 ** receptor =B1407+1 (sensitive receptor: C1366)
 DISCCART 408087.498653864 3758387.50109513 0.00 1.50
 ** receptor =B1408+1 (sensitive receptor: C1367)
 DISCCART 408087.498653864 3758362.50618277 0.00 1.50
 ** receptor =B1409+1 (sensitive receptor: C1368)
 DISCCART 408087.498653864 3758337.50127244 0.00 1.50
 ** receptor =B1410+1 (sensitive receptor: C1369)
 DISCCART 408087.498653864 3758312.50636009 0.00 1.50
 ** receptor =B1411+1 (sensitive receptor: C1370)
 DISCCART 408087.498653864 3758287.50144976 0.00 1.50
 ** receptor =B1412+1 (sensitive receptor: C1371)
 DISCCART 408087.498653864 3758262.50653741 0.00 1.50
 ** receptor =B1413+1 (sensitive receptor: C1372)
 DISCCART 408087.498653864 3758237.50162708 0.00 1.50
 ** receptor =B1414+1 (sensitive receptor: C1373)
 DISCCART 408087.498653864 3758212.50671473 0.00 1.50
 ** receptor =B1415+1 (sensitive receptor: C1374)
 DISCCART 408087.498653864 3758187.5018044 0.00 1.50
 ** receptor =B1416+1 (sensitive receptor: C1375)
 DISCCART 408087.498653864 3758162.50689204 0.00 1.50
 ** receptor =B1417+1 (sensitive receptor: C1376)
 DISCCART 408087.498653864 3758137.50198172 0.00 1.50
 ** receptor =B1418+1 (sensitive receptor: C1377)
 DISCCART 408112.500053769 3758512.50565081 0.00 1.50
 ** receptor =B1419+1 (sensitive receptor: C1378)
 DISCCART 408112.500053769 3758487.50074049 0.00 1.50
 ** receptor =B1420+1 (sensitive receptor: C1379)
 DISCCART 408112.500053769 3758462.50582813 0.00 1.50
 ** receptor =B1421+1 (sensitive receptor: C1380)
 DISCCART 408112.500053769 3758437.50091781 0.00 1.50
 ** receptor =B1422+1 (sensitive receptor: C1381)
 DISCCART 408112.500053769 3758412.50600545 0.00 1.50
 ** receptor =B1423+1 (sensitive receptor: C1382)
 DISCCART 408112.500053769 3758387.50109513 0.00 1.50
 ** receptor =B1424+1 (sensitive receptor: C1383)
 DISCCART 408112.500053769 3758362.50618277 0.00 1.50
 ** receptor =B1425+1 (sensitive receptor: C1384)
 DISCCART 408112.500053769 3758337.50127244 0.00 1.50
 ** receptor =B1426+1 (sensitive receptor: C1385)
 DISCCART 408112.500053769 3758312.50636009 0.00 1.50
 ** receptor =B1427+1 (sensitive receptor: C1386)
 DISCCART 408112.500053769 3758287.50144976 0.00 1.50
 ** receptor =B1428+1 (sensitive receptor: C1387)
 DISCCART 408112.500053769 3758262.50653741 0.00 1.50
 ** receptor =B1429+1 (sensitive receptor: C1388)

Appendix B

NOx Annual Emissions Mitigated

DISCCART 408112.500053769 3758237.50162708 0.00 1.50
 ** receptor =B1430+1 (sensitive receptor: C1389)
 DISCCART 408112.500053769 3758212.50671473 0.00 1.50
 ** receptor =B1431+1 (sensitive receptor: C1390)
 DISCCART 408112.500053769 3758187.5018044 0.00 1.50
 ** receptor =B1432+1 (sensitive receptor: C1391)
 DISCCART 408112.500053769 3758162.50689204 0.00 1.50
 ** receptor =B1433+1 (sensitive receptor: C1392)
 DISCCART 408112.500053769 3758137.50198172 0.00 1.50
 ** receptor =B1434+1 (sensitive receptor: C1393)
 DISCCART 405962.503349551 3758562.50547349 305.00 1.50
 ** receptor =B1435+1 (sensitive receptor: C1394)
 DISCCART 406012.497903518 3758562.50547349 310.40 1.50
 ** receptor =B1436+1 (sensitive receptor: C1395)
 DISCCART 406062.500703329 3758562.50547349 313.60 1.50
 ** receptor =B1437+1 (sensitive receptor: C1396)
 DISCCART 406112.495257296 3758562.50547349 318.20 1.50
 ** receptor =B1438+1 (sensitive receptor: C1397)
 DISCCART 406162.498057107 3758562.50547349 322.40 1.50
 ** receptor =B1439+1 (sensitive receptor: C1398)
 DISCCART 406212.500856919 3758562.50547349 328.40 1.50
 ** receptor =B1440+1 (sensitive receptor: C1399)
 DISCCART 406262.495410886 3758562.50547349 335.50 1.50
 ** receptor =B1441+1 (sensitive receptor: C1400)
 DISCCART 406312.498210697 3758562.50547349 341.60 1.50
 ** receptor =B1442+1 (sensitive receptor: C1401)
 DISCCART 406362.501010508 3758562.50547349 345.30 1.50
 ** receptor =B1443+1 (sensitive receptor: C1402)
 DISCCART 406412.503810319 3758562.50547349 351.00 1.50
 ** receptor =B1444+1 (sensitive receptor: C1403)
 DISCCART 406462.498364286 3758562.50547349 354.70 1.50
 ** receptor =B1445+1 (sensitive receptor: C1404)
 DISCCART 405962.503349551 3760012.50033123 750.90 1.50
 ** receptor =B1446+1 (sensitive receptor: C1405)
 DISCCART 405962.503349551 3759962.50050855 743.80 1.50
 ** receptor =B1447+1 (sensitive receptor: C1406)
 DISCCART 405962.503349551 3759912.50068587 723.60 1.50
 ** receptor =B1448+1 (sensitive receptor: C1407)
 DISCCART 405962.503349551 3759862.50086319 669.10 1.50
 ** receptor =B1449+1 (sensitive receptor: C1408)
 DISCCART 405962.503349551 3759812.50104051 634.60 1.50
 ** receptor =B1450+1 (sensitive receptor: C1409)
 DISCCART 405962.503349551 3759762.50121783 620.30 1.50
 ** receptor =B1451+1 (sensitive receptor: C1410)
 DISCCART 405962.503349551 3759712.50139515 564.10 1.50
 ** receptor =B1452+1 (sensitive receptor: C1411)
 DISCCART 405962.503349551 3759662.50157247 540.40 1.50
 ** receptor =B1453+1 (sensitive receptor: C1412)
 DISCCART 405962.503349551 3759612.50174979 524.00 1.50
 ** receptor =B1454+1 (sensitive receptor: C1413)
 DISCCART 405962.503349551 3759562.5019271 515.20 1.50
 ** receptor =B1455+1 (sensitive receptor: C1414)
 DISCCART 405962.503349551 3759512.50210442 526.20 1.50
 ** receptor =B1456+1 (sensitive receptor: C1415)
 DISCCART 405962.503349551 3759462.50228174 524.00 1.50
 ** receptor =B1457+1 (sensitive receptor: C1416)
 DISCCART 405962.503349551 3759412.50245906 505.00 1.50
 ** receptor =B1458+1 (sensitive receptor: C1417)
 DISCCART 405962.503349551 3759362.50263638 471.70 1.50
 ** receptor =B1459+1 (sensitive receptor: C1418)
 DISCCART 405962.503349551 3759312.5028137 439.90 1.50
 ** receptor =B1460+1 (sensitive receptor: C1419)
 DISCCART 405962.503349551 3759262.50299102 407.50 1.50
 ** receptor =B1461+1 (sensitive receptor: C1420)
 DISCCART 405962.503349551 3759212.50316834 382.00 1.50
 ** receptor =B1462+1 (sensitive receptor: C1421)
 DISCCART 405962.503349551 3759162.50334566 375.50 1.50
 ** receptor =B1463+1 (sensitive receptor: C1422)
 DISCCART 405962.503349551 3759112.50352298 368.90 1.50
 ** receptor =B1464+1 (sensitive receptor: C1423)
 DISCCART 405962.503349551 3759062.5037003 360.80 1.50
 ** receptor =B1465+1 (sensitive receptor: C1424)
 DISCCART 405962.503349551 3759012.50387762 356.30 1.50
 ** receptor =B1466+1 (sensitive receptor: C1425)
 DISCCART 405962.503349551 3758962.50405494 351.90 1.50
 ** receptor =B1467+1 (sensitive receptor: C1426)

Appendix B

NOx Annual Emissions Mitigated

** DISCCART	405962.503349551	3758912.50423226	344.80	1.50
** receptor	=B1468+1 (sensitive receptor: C1427)			
** DISCCART	405962.503349551	3758862.50440957	339.90	1.50
** receptor	=B1469+1 (sensitive receptor: C1428)			
** DISCCART	405962.503349551	3758812.50458689	334.60	1.50
** receptor	=B1470+1 (sensitive receptor: C1429)			
** DISCCART	405962.503349551	3758762.50476421	326.80	1.50
** receptor	=B1471+1 (sensitive receptor: C1430)			
** DISCCART	405962.503349551	3758712.50494153	321.40	1.50
** receptor	=B1472+1 (sensitive receptor: C1431)			
** DISCCART	405962.503349551	3758662.50511885	315.30	1.50
** receptor	=B1473+1 (sensitive receptor: C1432)			
** DISCCART	405962.503349551	3758612.50529617	311.60	1.50
** receptor	=B1474+1 (sensitive receptor: C1433)			
** DISCCART	406012.497903518	3760012.50033123	745.20	1.50
** receptor	=B1475+1 (sensitive receptor: C1434)			
** DISCCART	406012.497903518	3759962.50050855	709.30	1.50
** receptor	=B1476+1 (sensitive receptor: C1435)			
** DISCCART	406012.497903518	3759912.50068587	657.10	1.50
** receptor	=B1477+1 (sensitive receptor: C1436)			
** DISCCART	406012.497903518	3759862.50086319	652.70	1.50
** receptor	=B1478+1 (sensitive receptor: C1437)			
** DISCCART	406012.497903518	3759812.50104051	630.20	1.50
** receptor	=B1479+1 (sensitive receptor: C1438)			
** DISCCART	406012.497903518	3759762.50121783	621.20	1.50
** receptor	=B1480+1 (sensitive receptor: C1439)			
** DISCCART	406012.497903518	3759712.50139515	609.80	1.50
** receptor	=B1481+1 (sensitive receptor: C1440)			
** DISCCART	406012.497903518	3759662.50157247	547.00	1.50
** receptor	=B1482+1 (sensitive receptor: C1441)			
** DISCCART	406012.497903518	3759612.50174979	536.20	1.50
** receptor	=B1483+1 (sensitive receptor: C1442)			
** DISCCART	406012.497903518	3759562.5019271	527.20	1.50
** receptor	=B1484+1 (sensitive receptor: C1443)			
** DISCCART	406012.497903518	3759512.50210442	527.40	1.50
** receptor	=B1485+1 (sensitive receptor: C1444)			
** DISCCART	406012.497903518	3759462.50228174	510.20	1.50
** receptor	=B1486+1 (sensitive receptor: C1445)			
** DISCCART	406012.497903518	3759412.50245906	484.30	1.50
** receptor	=B1487+1 (sensitive receptor: C1446)			
** DISCCART	406012.497903518	3759362.50263638	463.80	1.50
** receptor	=B1488+1 (sensitive receptor: C1447)			
** DISCCART	406012.497903518	3759312.5028137	437.80	1.50
** receptor	=B1489+1 (sensitive receptor: C1448)			
** DISCCART	406012.497903518	3759262.50299102	416.70	1.50
** receptor	=B1490+1 (sensitive receptor: C1449)			
** DISCCART	406012.497903518	3759212.50316834	383.40	1.50
** receptor	=B1491+1 (sensitive receptor: C1450)			
** DISCCART	406012.497903518	3759162.50334566	380.50	1.50
** receptor	=B1492+1 (sensitive receptor: C1451)			
** DISCCART	406012.497903518	3759112.50352298	374.40	1.50
** receptor	=B1493+1 (sensitive receptor: C1452)			
** DISCCART	406012.497903518	3759062.5037003	366.10	1.50
** receptor	=B1494+1 (sensitive receptor: C1453)			
** DISCCART	406012.497903518	3759012.50387762	359.70	1.50
** receptor	=B1495+1 (sensitive receptor: C1454)			
** DISCCART	406012.497903518	3758962.50405494	358.00	1.50
** receptor	=B1496+1 (sensitive receptor: C1455)			
** DISCCART	406012.497903518	3758912.50423226	351.40	1.50
** receptor	=B1497+1 (sensitive receptor: C1456)			
** DISCCART	406012.497903518	3758862.50440957	342.70	1.50
** receptor	=B1498+1 (sensitive receptor: C1457)			
** DISCCART	406012.497903518	3758812.50458689	336.60	1.50
** receptor	=B1499+1 (sensitive receptor: C1458)			
** DISCCART	406012.497903518	3758762.50476421	331.70	1.50
** receptor	=B1500+1 (sensitive receptor: C1459)			
** DISCCART	406012.497903518	3758712.50494153	324.70	1.50
** receptor	=B1501+1 (sensitive receptor: C1460)			
** DISCCART	406012.497903518	3758662.50511885	318.20	1.50
** receptor	=B1502+1 (sensitive receptor: C1461)			
** DISCCART	406012.497903518	3758612.50529617	313.60	1.50
** receptor	=B1503+1 (sensitive receptor: C1462)			
** DISCCART	406062.500703329	3760012.50033123	693.70	1.50
** receptor	=B1504+1 (sensitive receptor: C1463)			
** DISCCART	406062.500703329	3759812.50104051	547.90	1.50
** receptor	=B1505+1 (sensitive receptor: C1464)			

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** DISCCART	406062.500703329	3759762.50121783	539.90	1.50
** receptor	=B1506+1 (sensitive receptor: C1465)			
** DISCCART	406062.500703329	3759712.50139515	551.10	1.50
** receptor	=B1507+1 (sensitive receptor: C1466)			
** DISCCART	406062.500703329	3759662.50157247	527.90	1.50
** receptor	=B1508+1 (sensitive receptor: C1467)			
** DISCCART	406062.500703329	3759612.50174979	525.00	1.50
** receptor	=B1509+1 (sensitive receptor: C1468)			
** DISCCART	406062.500703329	3759562.5019271	495.30	1.50
** receptor	=B1510+1 (sensitive receptor: C1469)			
** DISCCART	406062.500703329	3759512.50210442	470.80	1.50
** receptor	=B1511+1 (sensitive receptor: C1470)			
** DISCCART	406062.500703329	3759462.50228174	464.00	1.50
** receptor	=B1512+1 (sensitive receptor: C1471)			
** DISCCART	406062.500703329	3759412.50245906	448.20	1.50
** receptor	=B1513+1 (sensitive receptor: C1472)			
** DISCCART	406062.500703329	3759362.50263638	430.30	1.50
** receptor	=B1514+1 (sensitive receptor: C1473)			
** DISCCART	406062.500703329	3759312.5028137	423.40	1.50
** receptor	=B1515+1 (sensitive receptor: C1474)			
** DISCCART	406062.500703329	3759262.50299102	395.60	1.50
** receptor	=B1516+1 (sensitive receptor: C1475)			
** DISCCART	406062.500703329	3759212.50316834	392.40	1.50
** receptor	=B1517+1 (sensitive receptor: C1476)			
** DISCCART	406062.500703329	3759162.50334566	387.00	1.50
** receptor	=B1518+1 (sensitive receptor: C1477)			
** DISCCART	406062.500703329	3759112.50352298	380.50	1.50
** receptor	=B1519+1 (sensitive receptor: C1478)			
** DISCCART	406062.500703329	3759062.5037003	373.90	1.50
** receptor	=B1520+1 (sensitive receptor: C1479)			
** DISCCART	406062.500703329	3759012.50387762	368.30	1.50
** receptor	=B1521+1 (sensitive receptor: C1480)			
** DISCCART	406062.500703329	3758962.50405494	364.10	1.50
** receptor	=B1522+1 (sensitive receptor: C1481)			
** DISCCART	406062.500703329	3758912.50423226	356.30	1.50
** receptor	=B1523+1 (sensitive receptor: C1482)			
** DISCCART	406062.500703329	3758862.50440957	348.60	1.50
** receptor	=B1524+1 (sensitive receptor: C1483)			
** DISCCART	406062.500703329	3758812.50458689	342.70	1.50
** receptor	=B1525+1 (sensitive receptor: C1484)			
** DISCCART	406062.500703329	3758762.50476421	335.00	1.50
** receptor	=B1526+1 (sensitive receptor: C1485)			
** DISCCART	406062.500703329	3758712.50494153	328.40	1.50
** receptor	=B1527+1 (sensitive receptor: C1486)			
** DISCCART	406062.500703329	3758662.50511885	321.90	1.50
** receptor	=B1528+1 (sensitive receptor: C1487)			
** DISCCART	406062.500703329	3758612.50529617	318.20	1.50
** receptor	=B1529+1 (sensitive receptor: C1488)			
** DISCCART	406112.495257296	3760012.50033123	615.50	1.50
** receptor	=B1530+1 (sensitive receptor: C1489)			
** DISCCART	406112.495257296	3759812.50104051	485.40	1.50
** receptor	=B1531+1 (sensitive receptor: C1490)			
** DISCCART	406112.495257296	3759762.50121783	483.30	1.50
** receptor	=B1532+1 (sensitive receptor: C1491)			
** DISCCART	406112.495257296	3759712.50139515	478.00	1.50
** receptor	=B1533+1 (sensitive receptor: C1492)			
** DISCCART	406112.495257296	3759662.50157247	472.20	1.50
** receptor	=B1534+1 (sensitive receptor: C1493)			
** DISCCART	406112.495257296	3759612.50174979	469.00	1.50
** receptor	=B1535+1 (sensitive receptor: C1494)			
** DISCCART	406112.495257296	3759562.5019271	465.80	1.50
** receptor	=B1536+1 (sensitive receptor: C1495)			
** DISCCART	406112.495257296	3759512.50210442	461.50	1.50
** receptor	=B1537+1 (sensitive receptor: C1496)			
** DISCCART	406112.495257296	3759462.50228174	431.40	1.50
** receptor	=B1538+1 (sensitive receptor: C1497)			
** DISCCART	406112.495257296	3759412.50245906	422.30	1.50
** receptor	=B1539+1 (sensitive receptor: C1498)			
** DISCCART	406112.495257296	3759362.50263638	418.40	1.50
** receptor	=B1540+1 (sensitive receptor: C1499)			
** DISCCART	406112.495257296	3759312.5028137	417.50	1.50
** receptor	=B1541+1 (sensitive receptor: C1500)			
** DISCCART	406112.495257296	3759262.50299102	412.50	1.50
** receptor	=B1542+1 (sensitive receptor: C1501)			
** DISCCART	406112.495257296	3759212.50316834	400.60	1.50
** receptor	=B1543+1 (sensitive receptor: C1502)			

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** DISCCART	406112.495257296	3759162.50334566	394.00	1.50
** receptor	=B1544+1 (sensitive receptor: C1503)			
** DISCCART	406112.495257296	3759112.50352298	387.50	1.50
** receptor	=B1545+1 (sensitive receptor: C1504)			
** DISCCART	406112.495257296	3759062.5037003	380.50	1.50
** receptor	=B1546+1 (sensitive receptor: C1505)			
** DISCCART	406112.495257296	3759012.50387762	377.20	1.50
** receptor	=B1547+1 (sensitive receptor: C1506)			
** DISCCART	406112.495257296	3758962.50405494	369.40	1.50
** receptor	=B1548+1 (sensitive receptor: C1507)			
** DISCCART	406112.495257296	3758912.50423226	362.80	1.50
** receptor	=B1549+1 (sensitive receptor: C1508)			
** DISCCART	406112.495257296	3758862.50440957	356.30	1.50
** receptor	=B1550+1 (sensitive receptor: C1509)			
** DISCCART	406112.495257296	3758812.50458689	347.70	1.50
** receptor	=B1551+1 (sensitive receptor: C1510)			
** DISCCART	406112.495257296	3758762.50476421	339.90	1.50
** receptor	=B1552+1 (sensitive receptor: C1511)			
** DISCCART	406112.495257296	3758712.50494153	333.30	1.50
** receptor	=B1553+1 (sensitive receptor: C1512)			
** DISCCART	406112.495257296	3758662.50511885	326.80	1.50
** receptor	=B1554+1 (sensitive receptor: C1513)			
** DISCCART	406112.495257296	3758612.50529617	321.40	1.50
** receptor	=B1555+1 (sensitive receptor: C1514)			
** DISCCART	406162.498057107	3760012.50033123	522.00	1.50
** receptor	=B1556+1 (sensitive receptor: C1515)			
** DISCCART	406162.498057107	3759812.50104051	499.50	1.50
** receptor	=B1557+1 (sensitive receptor: C1516)			
** DISCCART	406162.498057107	3759462.50228174	445.40	1.50
** receptor	=B1558+1 (sensitive receptor: C1517)			
** DISCCART	406162.498057107	3759412.50245906	457.10	1.50
** receptor	=B1559+1 (sensitive receptor: C1518)			
** DISCCART	406162.498057107	3759362.50263638	450.40	1.50
** receptor	=B1560+1 (sensitive receptor: C1519)			
** DISCCART	406162.498057107	3759312.5028137	446.90	1.50
** receptor	=B1561+1 (sensitive receptor: C1520)			
** DISCCART	406162.498057107	3759262.50299102	421.80	1.50
** receptor	=B1562+1 (sensitive receptor: C1521)			
** DISCCART	406162.498057107	3759212.50316834	408.80	1.50
** receptor	=B1563+1 (sensitive receptor: C1522)			
** DISCCART	406162.498057107	3759162.50334566	400.60	1.50
** receptor	=B1564+1 (sensitive receptor: C1523)			
** DISCCART	406162.498057107	3759112.50352298	393.60	1.50
** receptor	=B1565+1 (sensitive receptor: C1524)			
** DISCCART	406162.498057107	3759062.5037003	387.00	1.50
** receptor	=B1566+1 (sensitive receptor: C1525)			
** DISCCART	406162.498057107	3759012.50387762	382.50	1.50
** receptor	=B1567+1 (sensitive receptor: C1526)			
** DISCCART	406162.498057107	3758962.50405494	377.60	1.50
** receptor	=B1568+1 (sensitive receptor: C1527)			
** DISCCART	406162.498057107	3758912.50423226	367.40	1.50
** receptor	=B1569+1 (sensitive receptor: C1528)			
** DISCCART	406162.498057107	3758862.50440957	360.80	1.50
** receptor	=B1570+1 (sensitive receptor: C1529)			
** DISCCART	406162.498057107	3758812.50458689	352.50	1.50
** receptor	=B1571+1 (sensitive receptor: C1530)			
** DISCCART	406162.498057107	3758762.50476421	343.20	1.50
** receptor	=B1572+1 (sensitive receptor: C1531)			
** DISCCART	406162.498057107	3758712.50494153	336.10	1.50
** receptor	=B1573+1 (sensitive receptor: C1532)			
** DISCCART	406162.498057107	3758662.50511885	331.30	1.50
** receptor	=B1574+1 (sensitive receptor: C1533)			
** DISCCART	406162.498057107	3758612.50529617	325.60	1.50
** receptor	=B1575+1 (sensitive receptor: C1534)			
** DISCCART	406212.500856919	3759412.50245906	483.40	1.50
** receptor	=B1576+1 (sensitive receptor: C1535)			
** DISCCART	406212.500856919	3759362.50263638	474.30	1.50
** receptor	=B1577+1 (sensitive receptor: C1536)			
** DISCCART	406212.500856919	3759312.5028137	454.20	1.50
** receptor	=B1578+1 (sensitive receptor: C1537)			
** DISCCART	406212.500856919	3759262.50299102	433.30	1.50
** receptor	=B1579+1 (sensitive receptor: C1538)			
** DISCCART	406212.500856919	3759212.50316834	415.30	1.50
** receptor	=B1580+1 (sensitive receptor: C1539)			
** DISCCART	406212.500856919	3759162.50334566	405.50	1.50
** receptor	=B1581+1 (sensitive receptor: C1540)			

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** DISCCART	406212.500856919	3759112.50352298	398.90	1.50
** receptor	=B1582+1 (sensitive receptor: C1541)			
** DISCCART	406212.500856919	3759062.5037003	393.60	1.50
** receptor	=B1583+1 (sensitive receptor: C1542)			
** DISCCART	406212.500856919	3759012.50387762	385.80	1.50
** receptor	=B1584+1 (sensitive receptor: C1543)			
** DISCCART	406212.500856919	3758962.50405494	380.50	1.50
** receptor	=B1585+1 (sensitive receptor: C1544)			
** DISCCART	406212.500856919	3758912.50423226	371.10	1.50
** receptor	=B1586+1 (sensitive receptor: C1545)			
** DISCCART	406212.500856919	3758862.50440957	362.80	1.50
** receptor	=B1587+1 (sensitive receptor: C1546)			
** DISCCART	406212.500856919	3758812.50458689	355.80	1.50
** receptor	=B1588+1 (sensitive receptor: C1547)			
** DISCCART	406212.500856919	3758762.50476421	344.80	1.50
** receptor	=B1589+1 (sensitive receptor: C1548)			
** DISCCART	406212.500856919	3758712.50494153	338.30	1.50
** receptor	=B1590+1 (sensitive receptor: C1549)			
** DISCCART	406212.500856919	3758662.50511885	334.60	1.50
** receptor	=B1591+1 (sensitive receptor: C1550)			
** DISCCART	406212.500856919	3758612.50529617	331.70	1.50
** receptor	=B1592+1 (sensitive receptor: C1551)			
** DISCCART	406262.495410886	3759412.50245906	499.50	1.50
** receptor	=B1593+1 (sensitive receptor: C1552)			
** DISCCART	406262.495410886	3759362.50263638	473.10	1.50
** receptor	=B1594+1 (sensitive receptor: C1553)			
** DISCCART	406262.495410886	3759312.5028137	453.10	1.50
** receptor	=B1595+1 (sensitive receptor: C1554)			
** DISCCART	406262.495410886	3759262.50299102	440.00	1.50
** receptor	=B1596+1 (sensitive receptor: C1555)			
** DISCCART	406262.495410886	3759212.50316834	421.40	1.50
** receptor	=B1597+1 (sensitive receptor: C1556)			
** DISCCART	406262.495410886	3759162.50334566	411.60	1.50
** receptor	=B1598+1 (sensitive receptor: C1557)			
** DISCCART	406262.495410886	3759112.50352298	403.40	1.50
** receptor	=B1599+1 (sensitive receptor: C1558)			
** DISCCART	406262.495410886	3759062.5037003	396.90	1.50
** receptor	=B1600+1 (sensitive receptor: C1559)			
** DISCCART	406262.495410886	3759012.50387762	387.00	1.50
** receptor	=B1601+1 (sensitive receptor: C1560)			
** DISCCART	406262.495410886	3758962.50405494	380.50	1.50
** receptor	=B1602+1 (sensitive receptor: C1561)			
** DISCCART	406262.495410886	3758912.50423226	372.20	1.50
** receptor	=B1603+1 (sensitive receptor: C1562)			
** DISCCART	406262.495410886	3758862.50440957	362.40	1.50
** receptor	=B1604+1 (sensitive receptor: C1563)			
** DISCCART	406262.495410886	3758812.50458689	355.80	1.50
** receptor	=B1605+1 (sensitive receptor: C1564)			
** DISCCART	406262.495410886	3758762.50476421	347.70	1.50
** receptor	=B1606+1 (sensitive receptor: C1565)			
** DISCCART	406262.495410886	3758712.50494153	343.20	1.50
** receptor	=B1607+1 (sensitive receptor: C1566)			
** DISCCART	406262.495410886	3758662.50511885	338.30	1.50
** receptor	=B1608+1 (sensitive receptor: C1567)			
** DISCCART	406262.495410886	3758612.50529617	336.60	1.50
** receptor	=B1609+1 (sensitive receptor: C1568)			
** DISCCART	406312.498210697	3759412.50245906	508.40	1.50
** receptor	=B1610+1 (sensitive receptor: C1569)			
** DISCCART	406312.498210697	3759362.50263638	489.00	1.50
** receptor	=B1611+1 (sensitive receptor: C1570)			
** DISCCART	406312.498210697	3759312.5028137	458.40	1.50
** receptor	=B1612+1 (sensitive receptor: C1571)			
** DISCCART	406312.498210697	3759262.50299102	444.40	1.50
** receptor	=B1613+1 (sensitive receptor: C1572)			
** DISCCART	406312.498210697	3759212.50316834	428.00	1.50
** receptor	=B1614+1 (sensitive receptor: C1573)			
** DISCCART	406312.498210697	3759162.50334566	415.30	1.50
** receptor	=B1615+1 (sensitive receptor: C1574)			
** DISCCART	406312.498210697	3759112.50352298	405.00	1.50
** receptor	=B1616+1 (sensitive receptor: C1575)			
** DISCCART	406312.498210697	3759062.5037003	396.90	1.50
** receptor	=B1617+1 (sensitive receptor: C1576)			
** DISCCART	406312.498210697	3759012.50387762	388.60	1.50
** receptor	=B1618+1 (sensitive receptor: C1577)			
** DISCCART	406312.498210697	3758962.50405494	378.80	1.50
** receptor	=B1619+1 (sensitive receptor: C1578)			

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NOx Annual Emissions Mitigated

** DISCCART	406312.498210697	3758912.50423226	370.60	1.50
** receptor	=B1620+1 (sensitive receptor: C1579)			
** DISCCART	406312.498210697	3758862.50440957	364.10	1.50
** receptor	=B1621+1 (sensitive receptor: C1580)			
** DISCCART	406312.498210697	3758812.50458689	357.50	1.50
** receptor	=B1622+1 (sensitive receptor: C1581)			
** DISCCART	406312.498210697	3758762.50476421	351.00	1.50
** receptor	=B1623+1 (sensitive receptor: C1582)			
** DISCCART	406312.498210697	3758712.50494153	344.80	1.50
** receptor	=B1624+1 (sensitive receptor: C1583)			
** DISCCART	406312.498210697	3758662.50511885	343.20	1.50
** receptor	=B1625+1 (sensitive receptor: C1584)			
** DISCCART	406312.498210697	3758612.50529617	342.00	1.50
** receptor	=B1626+1 (sensitive receptor: C1585)			
** DISCCART	406362.501010508	3759412.50245906	488.00	1.50
** receptor	=B1627+1 (sensitive receptor: C1586)			
** DISCCART	406362.501010508	3759362.50263638	481.90	1.50
** receptor	=B1628+1 (sensitive receptor: C1587)			
** DISCCART	406362.501010508	3759312.5028137	457.50	1.50
** receptor	=B1629+1 (sensitive receptor: C1588)			
** DISCCART	406362.501010508	3759262.50299102	440.60	1.50
** receptor	=B1630+1 (sensitive receptor: C1589)			
** DISCCART	406362.501010508	3759212.50316834	429.70	1.50
** receptor	=B1631+1 (sensitive receptor: C1590)			
** DISCCART	406362.501010508	3759162.50334566	417.00	1.50
** receptor	=B1632+1 (sensitive receptor: C1591)			
** DISCCART	406362.501010508	3759112.50352298	407.20	1.50
** receptor	=B1633+1 (sensitive receptor: C1592)			
** DISCCART	406362.501010508	3759062.5037003	398.40	1.50
** receptor	=B1634+1 (sensitive receptor: C1593)			
** DISCCART	406362.501010508	3759012.50387762	389.10	1.50
** receptor	=B1635+1 (sensitive receptor: C1594)			
** DISCCART	406362.501010508	3758962.50405494	380.50	1.50
** receptor	=B1636+1 (sensitive receptor: C1595)			
** DISCCART	406362.501010508	3758912.50423226	372.20	1.50
** receptor	=B1637+1 (sensitive receptor: C1596)			
** DISCCART	406362.501010508	3758862.50440957	361.90	1.50
** receptor	=B1638+1 (sensitive receptor: C1597)			
** DISCCART	406362.501010508	3758812.50458689	356.60	1.50
** receptor	=B1639+1 (sensitive receptor: C1598)			
** DISCCART	406362.501010508	3758762.50476421	353.00	1.50
** receptor	=B1640+1 (sensitive receptor: C1599)			
** DISCCART	406362.501010508	3758712.50494153	351.00	1.50
** receptor	=B1641+1 (sensitive receptor: C1600)			
** DISCCART	406362.501010508	3758662.50511885	349.70	1.50
** receptor	=B1642+1 (sensitive receptor: C1601)			
** DISCCART	406362.501010508	3758612.50529617	347.70	1.50
** receptor	=B1643+1 (sensitive receptor: C1602)			
** DISCCART	406412.503810319	3759312.5028137	452.60	1.50
** receptor	=B1644+1 (sensitive receptor: C1603)			
** DISCCART	406412.503810319	3759262.50299102	442.80	1.50
** receptor	=B1645+1 (sensitive receptor: C1604)			
** DISCCART	406412.503810319	3759212.50316834	431.70	1.50
** receptor	=B1646+1 (sensitive receptor: C1605)			
** DISCCART	406412.503810319	3759162.50334566	418.10	1.50
** receptor	=B1647+1 (sensitive receptor: C1606)			
** DISCCART	406412.503810319	3759112.50352298	408.30	1.50
** receptor	=B1648+1 (sensitive receptor: C1607)			
** DISCCART	406412.503810319	3759062.5037003	399.70	1.50
** receptor	=B1649+1 (sensitive receptor: C1608)			
** DISCCART	406412.503810319	3759012.50387762	391.90	1.50
** receptor	=B1650+1 (sensitive receptor: C1609)			
** DISCCART	406412.503810319	3758962.50405494	382.00	1.50
** receptor	=B1651+1 (sensitive receptor: C1610)			
** DISCCART	406412.503810319	3758912.50423226	372.20	1.50
** receptor	=B1652+1 (sensitive receptor: C1611)			
** DISCCART	406412.503810319	3758862.50440957	358.60	1.50
** receptor	=B1653+1 (sensitive receptor: C1612)			
** DISCCART	406412.503810319	3758812.50458689	356.30	1.50
** receptor	=B1654+1 (sensitive receptor: C1613)			
** DISCCART	406412.503810319	3758762.50476421	356.40	1.50
** receptor	=B1655+1 (sensitive receptor: C1614)			
** DISCCART	406412.503810319	3758712.50494153	357.50	1.50
** receptor	=B1656+1 (sensitive receptor: C1615)			
** DISCCART	406412.503810319	3758662.50511885	357.50	1.50
** receptor	=B1657+1 (sensitive receptor: C1616)			

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** DISCCART	406412.503810319	3758612.50529617	354.20	1.50
** receptor	=B1658+1 (sensitive receptor: C1617)			
** DISCCART	406462.498364286	3759312.5028137	452.60	1.50
** receptor	=B1659+1 (sensitive receptor: C1618)			
** DISCCART	406462.498364286	3759262.50299102	443.20	1.50
** receptor	=B1660+1 (sensitive receptor: C1619)			
** DISCCART	406462.498364286	3759212.50316834	431.20	1.50
** receptor	=B1661+1 (sensitive receptor: C1620)			
** DISCCART	406462.498364286	3759162.50334566	418.10	1.50
** receptor	=B1662+1 (sensitive receptor: C1621)			
** DISCCART	406462.498364286	3759112.50352298	408.30	1.50
** receptor	=B1663+1 (sensitive receptor: C1622)			
** DISCCART	406462.498364286	3759062.5037003	396.90	1.50
** receptor	=B1664+1 (sensitive receptor: C1623)			
** DISCCART	406462.498364286	3759012.50387762	391.90	1.50
** receptor	=B1665+1 (sensitive receptor: C1624)			
** DISCCART	406462.498364286	3758962.50405494	384.20	1.50
** receptor	=B1666+1 (sensitive receptor: C1625)			
** DISCCART	406462.498364286	3758912.50423226	376.40	1.50
** receptor	=B1667+1 (sensitive receptor: C1626)			
** DISCCART	406462.498364286	3758862.50440957	361.70	1.50
** receptor	=B1668+1 (sensitive receptor: C1627)			
** DISCCART	406462.498364286	3758812.50458689	359.70	1.50
** receptor	=B1669+1 (sensitive receptor: C1628)			
** DISCCART	406462.498364286	3758762.50476421	363.00	1.50
** receptor	=B1670+1 (sensitive receptor: C1629)			
** DISCCART	406462.498364286	3758712.50494153	363.00	1.50
** receptor	=B1671+1 (sensitive receptor: C1630)			
** DISCCART	406462.498364286	3758662.50511885	360.80	1.50
** receptor	=B1672+1 (sensitive receptor: C1631)			
** DISCCART	406462.498364286	3758612.50529617	357.50	1.50
** receptor	=B1673+1 (sensitive receptor: C1632)			
** DISCCART	406512.501164097	3759262.50299102	446.10	1.50
** receptor	=B1674+1 (sensitive receptor: C1633)			
** DISCCART	406512.501164097	3759212.50316834	433.30	1.50
** receptor	=B1675+1 (sensitive receptor: C1634)			
** DISCCART	406512.501164097	3759162.50334566	418.10	1.50
** receptor	=B1676+1 (sensitive receptor: C1635)			
** DISCCART	406512.501164097	3759112.50352298	410.00	1.50
** receptor	=B1677+1 (sensitive receptor: C1636)			
** DISCCART	406512.501164097	3759062.5037003	402.20	1.50
** receptor	=B1678+1 (sensitive receptor: C1637)			
** DISCCART	406512.501164097	3759012.50387762	394.00	1.50
** receptor	=B1679+1 (sensitive receptor: C1638)			
** DISCCART	406512.501164097	3758962.50405494	384.90	1.50
** receptor	=B1680+1 (sensitive receptor: C1639)			
** DISCCART	406512.501164097	3758912.50423226	378.80	1.50
** receptor	=B1681+1 (sensitive receptor: C1640)			
** DISCCART	406512.501164097	3758862.50440957	371.60	1.50
** receptor	=B1682+1 (sensitive receptor: C1641)			
** DISCCART	406512.501164097	3758812.50458689	374.80	1.50
** receptor	=B1683+1 (sensitive receptor: C1642)			
** DISCCART	406512.501164097	3758762.50476421	372.70	1.50
** receptor	=B1684+1 (sensitive receptor: C1643)			
** DISCCART	406512.501164097	3758712.50494153	370.60	1.50
** receptor	=B1685+1 (sensitive receptor: C1644)			
** DISCCART	406512.501164097	3758662.50511885	367.40	1.50
** receptor	=B1686+1 (sensitive receptor: C1645)			
** DISCCART	406512.501164097	3758612.50529617	362.80	1.50
** receptor	=B1687+1 (sensitive receptor: C1646)			
** DISCCART	406537.502564003	3758562.50547349	360.80	1.50
** receptor	=B1688+1 (sensitive receptor: C1647)			
** DISCCART	406562.495718064	3759262.50299102	450.90	1.50
** receptor	=B1689+1 (sensitive receptor: C1648)			
** DISCCART	406562.495718064	3759212.50316834	438.30	1.50
** receptor	=B1690+1 (sensitive receptor: C1649)			
** DISCCART	406562.495718064	3759162.50334566	425.60	1.50
** receptor	=B1691+1 (sensitive receptor: C1650)			
** DISCCART	406562.495718064	3759112.50352298	415.30	1.50
** receptor	=B1692+1 (sensitive receptor: C1651)			
** DISCCART	406562.495718064	3759062.5037003	406.70	1.50
** receptor	=B1693+1 (sensitive receptor: C1652)			
** DISCCART	406562.495718064	3759012.50387762	398.40	1.50
** receptor	=B1694+1 (sensitive receptor: C1653)			
** DISCCART	406562.495718064	3758962.50405494	383.00	1.50
** receptor	=B1695+1 (sensitive receptor: C1654)			

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** DISCCART	406562.495718064	3758912.50423226	381.40	1.50
** receptor	=B1696+1 (sensitive receptor: C1655)			
** DISCCART	406562.495718064	3758862.50440957	384.70	1.50
** receptor	=B1697+1 (sensitive receptor: C1656)			
** DISCCART	406562.495718064	3758812.50458689	383.80	1.50
** receptor	=B1698+1 (sensitive receptor: C1657)			
** DISCCART	406562.495718064	3758762.50476421	380.50	1.50
** receptor	=B1699+1 (sensitive receptor: C1658)			
** DISCCART	406562.495718064	3758712.50494153	377.20	1.50
** receptor	=B1700+1 (sensitive receptor: C1659)			
** DISCCART	406562.495718064	3758662.50511885	372.70	1.50
** receptor	=B1701+1 (sensitive receptor: C1660)			
** DISCCART	406562.495718064	3758612.50529617	367.40	1.50
** receptor	=B1702+1 (sensitive receptor: C1661)			
** DISCCART	406587.49711797	3758562.50547349	362.40	1.50
** receptor	=B1703+1 (sensitive receptor: C1662)			
** DISCCART	406612.498517875	3759212.50316834	447.60	1.50
** receptor	=B1704+1 (sensitive receptor: C1663)			
** DISCCART	406612.498517875	3759162.50334566	435.00	1.50
** receptor	=B1705+1 (sensitive receptor: C1664)			
** DISCCART	406612.498517875	3759112.50352298	421.90	1.50
** receptor	=B1706+1 (sensitive receptor: C1665)			
** DISCCART	406612.498517875	3759062.5037003	411.60	1.50
** receptor	=B1707+1 (sensitive receptor: C1666)			
** DISCCART	406612.498517875	3759012.50387762	398.40	1.50
** receptor	=B1708+1 (sensitive receptor: C1667)			
** DISCCART	406612.498517875	3758962.50405494	397.40	1.50
** receptor	=B1709+1 (sensitive receptor: C1668)			
** DISCCART	406612.498517875	3758912.50423226	397.40	1.50
** receptor	=B1710+1 (sensitive receptor: C1669)			
** DISCCART	406612.498517875	3758862.50440957	395.60	1.50
** receptor	=B1711+1 (sensitive receptor: C1670)			
** DISCCART	406612.498517875	3758812.50458689	390.80	1.50
** receptor	=B1712+1 (sensitive receptor: C1671)			
** DISCCART	406612.498517875	3758762.50476421	385.30	1.50
** receptor	=B1713+1 (sensitive receptor: C1672)			
** DISCCART	406612.498517875	3758712.50494153	380.90	1.50
** receptor	=B1714+1 (sensitive receptor: C1673)			
** DISCCART	406612.498517875	3758662.50511885	375.50	1.50
** receptor	=B1715+1 (sensitive receptor: C1674)			
** DISCCART	406637.499917781	3758562.50547349	360.80	1.50
** receptor	=B1716+1 (sensitive receptor: C1675)			
** DISCCART	406662.501317687	3759162.50334566	437.80	1.50
** receptor	=B1717+1 (sensitive receptor: C1676)			
** DISCCART	406662.501317687	3759112.50352298	422.60	1.50
** receptor	=B1718+1 (sensitive receptor: C1677)			
** DISCCART	406662.501317687	3759062.5037003	417.00	1.50
** receptor	=B1719+1 (sensitive receptor: C1678)			
** DISCCART	406662.501317687	3759012.50387762	407.60	1.50
** receptor	=B1720+1 (sensitive receptor: C1679)			
** DISCCART	406662.501317687	3758962.50405494	409.40	1.50
** receptor	=B1721+1 (sensitive receptor: C1680)			
** DISCCART	406662.501317687	3758912.50423226	407.20	1.50
** receptor	=B1722+1 (sensitive receptor: C1681)			
** DISCCART	406662.501317687	3758862.50440957	402.20	1.50
** receptor	=B1723+1 (sensitive receptor: C1682)			
** DISCCART	406662.501317687	3758812.50458689	395.20	1.50
** receptor	=B1724+1 (sensitive receptor: C1683)			
** DISCCART	406662.501317687	3758762.50476421	387.00	1.50
** receptor	=B1725+1 (sensitive receptor: C1684)			
** DISCCART	406662.501317687	3758712.50494153	380.50	1.50
** receptor	=B1726+1 (sensitive receptor: C1685)			
** DISCCART	406687.502717592	3758562.50547349	364.90	1.50
** receptor	=B1727+1 (sensitive receptor: C1686)			
** DISCCART	406712.495871654	3759162.50334566	437.80	1.50
** receptor	=B1728+1 (sensitive receptor: C1687)			
** DISCCART	406712.495871654	3759112.50352298	427.30	1.50
** receptor	=B1729+1 (sensitive receptor: C1688)			
** DISCCART	406712.495871654	3759062.5037003	436.00	1.50
** receptor	=B1730+1 (sensitive receptor: C1689)			
** DISCCART	406712.495871654	3759012.50387762	426.80	1.50
** receptor	=B1731+1 (sensitive receptor: C1690)			
** DISCCART	406712.495871654	3758962.50405494	423.10	1.50
** receptor	=B1732+1 (sensitive receptor: C1691)			
** DISCCART	406712.495871654	3758912.50423226	411.60	1.50
** receptor	=B1733+1 (sensitive receptor: C1692)			

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** DISCCART	406712.495871654	3758862.50440957	401.30	1.50
** receptor	=B1734+1 (sensitive receptor: C1693)			
** DISCCART	406712.495871654	3758612.50529617	379.20	1.50
** receptor	=B1735+1 (sensitive receptor: C1694)			
** DISCCART	406737.497271559	3758562.50547349	367.40	1.50
** receptor	=B1736+1 (sensitive receptor: C1695)			
** DISCCART	406762.498671465	3759062.5037003	457.90	1.50
** receptor	=B1737+1 (sensitive receptor: C1696)			
** DISCCART	406762.498671465	3759012.50387762	438.30	1.50
** receptor	=B1738+1 (sensitive receptor: C1697)			
** DISCCART	406762.498671465	3758962.50405494	424.70	1.50
** receptor	=B1739+1 (sensitive receptor: C1698)			
** DISCCART	406762.498671465	3758912.50423226	409.90	1.50
** receptor	=B1740+1 (sensitive receptor: C1699)			
** DISCCART	406762.498671465	3758662.50511885	389.80	1.50
** receptor	=B1741+1 (sensitive receptor: C1700)			
** DISCCART	406762.498671465	3758612.50529617	378.30	1.50
** receptor	=B1742+1 (sensitive receptor: C1701)			
** DISCCART	406787.50007137	3758562.50547349	370.50	1.50
** receptor	=B1743+1 (sensitive receptor: C1702)			
** DISCCART	406812.501471276	3759012.50387762	445.90	1.50
** receptor	=B1744+1 (sensitive receptor: C1703)			
** DISCCART	406812.501471276	3758962.50405494	423.80	1.50
** receptor	=B1745+1 (sensitive receptor: C1704)			
** DISCCART	406812.501471276	3758712.50494153	400.60	1.50
** receptor	=B1746+1 (sensitive receptor: C1705)			
** DISCCART	406812.501471276	3758662.50511885	392.40	1.50
** receptor	=B1747+1 (sensitive receptor: C1706)			
** DISCCART	406812.501471276	3758612.50529617	383.80	1.50
** receptor	=B1748+1 (sensitive receptor: C1707)			
** DISCCART	406837.502871182	3758562.50547349	357.50	1.50
** receptor	=B1749+1 (sensitive receptor: C1708)			
** DISCCART	406862.496025243	3758762.50476421	408.80	1.50
** receptor	=B1750+1 (sensitive receptor: C1709)			
** DISCCART	406862.496025243	3758712.50494153	403.40	1.50
** receptor	=B1751+1 (sensitive receptor: C1710)			
** DISCCART	406862.496025243	3758662.50511885	393.60	1.50
** receptor	=B1752+1 (sensitive receptor: C1711)			
** DISCCART	406862.496025243	3758612.50529617	377.80	1.50
** receptor	=B1753+1 (sensitive receptor: C1712)			
** DISCCART	406887.497425149	3758562.50547349	377.60	1.50
** receptor	=B1754+1 (sensitive receptor: C1713)			
** DISCCART	406912.498825054	3758762.50476421	411.60	1.50
** receptor	=B1755+1 (sensitive receptor: C1714)			
** DISCCART	406912.498825054	3758712.50494153	399.70	1.50
** receptor	=B1756+1 (sensitive receptor: C1715)			
** DISCCART	406912.498825054	3758662.50511885	388.60	1.50
** receptor	=B1757+1 (sensitive receptor: C1716)			
** DISCCART	406912.498825054	3758612.50529617	369.60	1.50
** receptor	=B1758+1 (sensitive receptor: C1717)			
** DISCCART	406937.50022496	3758562.50547349	382.00	1.50
** receptor	=B1759+1 (sensitive receptor: C1718)			
** DISCCART	406962.501624865	3758762.50476421	411.60	1.50
** receptor	=B1760+1 (sensitive receptor: C1719)			
** DISCCART	406962.501624865	3758712.50494153	398.40	1.50
** receptor	=B1761+1 (sensitive receptor: C1720)			
** DISCCART	406962.501624865	3758662.50511885	385.30	1.50
** receptor	=B1762+1 (sensitive receptor: C1721)			
** DISCCART	406962.501624865	3758612.50529617	380.50	1.50
** receptor	=B1763+1 (sensitive receptor: C1722)			
** DISCCART	406987.503024771	3758562.50547349	393.30	1.50
** receptor	=B1764+1 (sensitive receptor: C1723)			
** DISCCART	407012.504424677	3758712.50494153	400.80	1.50
** receptor	=B1765+1 (sensitive receptor: C1724)			
** DISCCART	407012.504424677	3758662.50511885	378.80	1.50
** receptor	=B1766+1 (sensitive receptor: C1725)			
** DISCCART	407012.504424677	3758612.50529617	385.50	1.50
** receptor	=B1767+1 (sensitive receptor: C1726)			
** DISCCART	407037.497578738	3758562.50547349	399.80	1.50
** receptor	=B1768+1 (sensitive receptor: C1727)			
** DISCCART	407062.498978644	3758662.50511885	377.70	1.50
** receptor	=B1769+1 (sensitive receptor: C1728)			
** DISCCART	407062.498978644	3758612.50529617	396.70	1.50
** receptor	=B1770+1 (sensitive receptor: C1729)			
** DISCCART	407087.500378549	3758562.50547349	406.70	1.50
** receptor	=B1771+1 (sensitive receptor: C1730)			

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** DISCCART	407112.501778455	3758662.50511885	396.80	1.50
** receptor	=B1772+1 (sensitive receptor: C1731)			
** DISCCART	407112.501778455	3758612.50529617	407.60	1.50
** receptor	=B1773+1 (sensitive receptor: C1732)			
** DISCCART	407137.50317836	3758562.50547349	416.60	1.50
** receptor	=B1774+1 (sensitive receptor: C1733)			
** DISCCART	407162.496332422	3758662.50511885	420.80	1.50
** receptor	=B1775+1 (sensitive receptor: C1734)			
** DISCCART	407162.496332422	3758612.50529617	416.60	1.50
** receptor	=B1776+1 (sensitive receptor: C1735)			
** DISCCART	407187.497732327	3758562.50547349	439.50	1.50
** receptor	=B1777+1 (sensitive receptor: C1736)			
** DISCCART	407212.499132233	3758662.50511885	435.40	1.50
** receptor	=B1778+1 (sensitive receptor: C1737)			
** DISCCART	407212.499132233	3758612.50529617	441.20	1.50
** receptor	=B1779+1 (sensitive receptor: C1738)			
** DISCCART	407237.500532139	3758562.50547349	457.60	1.50
** receptor	=B1780+1 (sensitive receptor: C1739)			
** DISCCART	407262.501932044	3758662.50511885	450.30	1.50
** receptor	=B1781+1 (sensitive receptor: C1740)			
** DISCCART	407262.501932044	3758612.50529617	450.30	1.50
** receptor	=B1782+1 (sensitive receptor: C1741)			
** DISCCART	407287.50333195	3758562.50547349	459.60	1.50
** receptor	=B1783+1 (sensitive receptor: C1742)			
** DISCCART	407312.496486011	3758662.50511885	466.70	1.50
** receptor	=B1784+1 (sensitive receptor: C1743)			
** DISCCART	407312.496486011	3758612.50529617	463.40	1.50
** receptor	=B1785+1 (sensitive receptor: C1744)			
** DISCCART	407337.497885917	3758562.50547349	475.30	1.50
** receptor	=B1786+1 (sensitive receptor: C1745)			
** DISCCART	407362.499285822	3758662.50511885	484.30	1.50
** receptor	=B1787+1 (sensitive receptor: C1746)			
** DISCCART	407362.499285822	3758612.50529617	479.80	1.50
** receptor	=B1788+1 (sensitive receptor: C1747)			
** DISCCART	407387.500685728	3758562.50547349	489.20	1.50
** receptor	=B1789+1 (sensitive receptor: C1748)			
** DISCCART	407412.502085634	3758662.50511885	497.40	1.50
** receptor	=B1790+1 (sensitive receptor: C1749)			
** DISCCART	407412.502085634	3758612.50529617	500.70	1.50
** receptor	=B1791+1 (sensitive receptor: C1750)			
** DISCCART	407437.495239695	3758562.50547349	507.00	1.50
** receptor	=B1792+1 (sensitive receptor: C1751)			
** DISCCART	407462.4966396	3758662.50511885	504.60	1.50
** receptor	=B1793+1 (sensitive receptor: C1752)			
** DISCCART	407462.4966396	3758612.50529617	505.90	1.50
** receptor	=B1794+1 (sensitive receptor: C1753)			
** DISCCART	407487.498039506	3758562.50547349	501.70	1.50
** receptor	=B1795+1 (sensitive receptor: C1754)			
** DISCCART	407512.499439412	3758662.50511885	483.60	1.50
** receptor	=B1796+1 (sensitive receptor: C1755)			
** DISCCART	407512.499439412	3758612.50529617	477.00	1.50
** receptor	=B1797+1 (sensitive receptor: C1756)			
** DISCCART	407537.500839317	3758562.50547349	0.00	1.50
** receptor	=B1798+1 (sensitive receptor: C1757)			
** DISCCART	407562.502239223	3758662.50511885	0.00	1.50
** receptor	=B1799+1 (sensitive receptor: C1758)			
** DISCCART	407562.502239223	3758612.50529617	0.00	1.50
** receptor	=B1800+1 (sensitive receptor: C1759)			
** DISCCART	407587.495393284	3758562.50547349	0.00	1.50
** receptor	=B1801+1 (sensitive receptor: C1760)			
** DISCCART	407612.49679319	3758662.50511885	0.00	1.50
** receptor	=B1802+1 (sensitive receptor: C1761)			
** DISCCART	407612.49679319	3758612.50529617	0.00	1.50
** receptor	=B1803+1 (sensitive receptor: C1762)			
** DISCCART	407637.498193095	3758562.50547349	0.00	1.50
** receptor	=B1804+1 (sensitive receptor: C1763)			
** DISCCART	407662.499593001	3758612.50529617	0.00	1.50
** receptor	=B1805+1 (sensitive receptor: C1764)			
** DISCCART	407687.500992907	3758562.50547349	0.00	1.50
** receptor	=B1806+1 (sensitive receptor: C1765)			
** DISCCART	407712.502392812	3758612.50529617	0.00	1.50
** receptor	=B1807+1 (sensitive receptor: C1766)			
** DISCCART	407737.495546874	3758562.50547349	0.00	1.50
** receptor	=B1808+1 (sensitive receptor: C1767)			
** DISCCART	407762.496946779	3758612.50529617	0.00	1.50
** receptor	=B1809+1 (sensitive receptor: C1768)			

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** DISCCART	407787.498346685	3758562.50547349	0.00	1.50
** receptor	=B1810+1 (sensitive receptor: C1769)			
** DISCCART	407812.49974659	3758612.50529617	0.00	1.50
** receptor	=B1811+1 (sensitive receptor: C1770)			
** DISCCART	407837.501146496	3758562.50547349	0.00	1.50
** receptor	=B1812+1 (sensitive receptor: C1771)			
** DISCCART	407862.502546402	3758612.50529617	0.00	1.50
** receptor	=B1813+1 (sensitive receptor: C1772)			
** DISCCART	407887.503946307	3758562.50547349	0.00	1.50
** receptor	=B1814+1 (sensitive receptor: C1773)			
** DISCCART	407912.497100369	3758612.50529617	0.00	1.50
** receptor	=B1815+1 (sensitive receptor: C1774)			
** DISCCART	407937.498500274	3758562.50547349	0.00	1.50
** receptor	=B1816+1 (sensitive receptor: C1775)			
** DISCCART	407962.49990018	3758612.50529617	0.00	1.50
** receptor	=B1817+1 (sensitive receptor: C1776)			
** DISCCART	407987.501300085	3758562.50547349	0.00	1.50
** receptor	=B1818+1 (sensitive receptor: C1777)			
** DISCCART	408012.502699991	3758612.50529617	0.00	1.50
** receptor	=B1819+1 (sensitive receptor: C1778)			
** DISCCART	408037.495854052	3758562.50547349	0.00	1.50
** receptor	=B1820+1 (sensitive receptor: C1779)			
** DISCCART	408062.497253958	3758612.50529617	0.00	1.50
** receptor	=B1821+1 (sensitive receptor: C1780)			
** DISCCART	408087.498653864	3758562.50547349	0.00	1.50
** receptor	=B1822+1 (sensitive receptor: C1781)			
** DISCCART	408112.500053769	3758612.50529617	0.00	1.50
** receptor	=B1823+1 (sensitive receptor: C1782)			
** DISCCART	405962.503349551	3758537.50056317	302.70	1.50
** receptor	=B1824+1 (sensitive receptor: C1783)			
** DISCCART	405987.496503612	3758562.50547349	307.90	1.50
** receptor	=B1825+1 (sensitive receptor: C1784)			
** DISCCART	406037.499303424	3758562.50547349	311.60	1.50
** receptor	=B1826+1 (sensitive receptor: C1785)			
** DISCCART	406087.502103235	3758562.50547349	314.90	1.50
** receptor	=B1827+1 (sensitive receptor: C1786)			
** DISCCART	406137.496657202	3758562.50547349	321.10	1.50
** receptor	=B1828+1 (sensitive receptor: C1787)			
** DISCCART	406187.499457013	3758562.50547349	324.70	1.50
** receptor	=B1829+1 (sensitive receptor: C1788)			
** DISCCART	406237.502256824	3758562.50547349	332.50	1.50
** receptor	=B1830+1 (sensitive receptor: C1789)			
** DISCCART	406287.496810791	3758562.50547349	339.10	1.50
** receptor	=B1831+1 (sensitive receptor: C1790)			
** DISCCART	406337.499610602	3758562.50547349	344.40	1.50
** receptor	=B1832+1 (sensitive receptor: C1791)			
** DISCCART	406387.502410414	3758562.50547349	347.70	1.50
** receptor	=B1833+1 (sensitive receptor: C1792)			
** DISCCART	406437.496964381	3758562.50547349	353.50	1.50
** receptor	=B1834+1 (sensitive receptor: C1793)			
** DISCCART	406487.499764192	3758562.50547349	357.50	1.50
** receptor	=B1835+1 (sensitive receptor: C1794)			
** DISCCART	406537.502564003	3758537.50056317	357.50	1.50
** receptor	=B1836+1 (sensitive receptor: C1795)			
** DISCCART	406587.49711797	3758537.50056317	360.00	1.50
** receptor	=B1837+1 (sensitive receptor: C1796)			
** DISCCART	406637.499917781	3758537.50056317	357.50	1.50
** receptor	=B1838+1 (sensitive receptor: C1797)			
** DISCCART	406687.502717592	3758537.50056317	360.80	1.50
** receptor	=B1839+1 (sensitive receptor: C1798)			
** DISCCART	406737.497271559	3758537.50056317	360.70	1.50
** receptor	=B1840+1 (sensitive receptor: C1799)			
** DISCCART	406787.50007137	3758537.50056317	360.80	1.50
** receptor	=B1841+1 (sensitive receptor: C1800)			
** DISCCART	406837.502871182	3758537.50056317	364.10	1.50
** receptor	=B1842+1 (sensitive receptor: C1801)			
** DISCCART	406887.497425149	3758537.50056317	373.10	1.50
** receptor	=B1843+1 (sensitive receptor: C1802)			
** DISCCART	406937.50022496	3758537.50056317	380.50	1.50
** receptor	=B1844+1 (sensitive receptor: C1803)			
** DISCCART	406987.503024771	3758537.50056317	396.20	1.50
** receptor	=B1845+1 (sensitive receptor: C1804)			
** DISCCART	407037.497578738	3758537.50056317	400.20	1.50
** receptor	=B1846+1 (sensitive receptor: C1805)			
** DISCCART	407087.500378549	3758537.50056317	409.40	1.50
** receptor	=B1847+1 (sensitive receptor: C1806)			

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DISCCART 407137.50317836 3758537.50056317 422.50 1.50
 ** receptor =B1848+1 (sensitive receptor: C1807)
 DISCCART 407187.497732327 3758537.50056317 451.70 1.50
 ** receptor =B1849+1 (sensitive receptor: C1808)
 DISCCART 407237.500532139 3758537.50056317 462.60 1.50
 ** receptor =B1850+1 (sensitive receptor: C1809)
 DISCCART 407287.50333195 3758537.50056317 471.70 1.50
 ** receptor =B1851+1 (sensitive receptor: C1810)
 DISCCART 407337.497885917 3758537.50056317 482.40 1.50
 ** receptor =B1852+1 (sensitive receptor: C1811)
 DISCCART 407387.500685728 3758537.50056317 488.10 1.50
 ** receptor =B1853+1 (sensitive receptor: C1812)
 DISCCART 407437.495239695 3758537.50056317 503.70 1.50
 ** receptor =B1854+1 (sensitive receptor: C1813)
 DISCCART 407487.498039506 3758537.50056317 509.90 1.50
 ** receptor =B1855+1 (sensitive receptor: C1814)
 DISCCART 407537.500839317 3758537.50056317 0.00 1.50
 ** receptor =B1856+1 (sensitive receptor: C1815)
 DISCCART 407587.495393284 3758537.50056317 0.00 1.50
 ** receptor =B1857+1 (sensitive receptor: C1816)
 DISCCART 407637.498193095 3758537.50056317 0.00 1.50
 ** receptor =B1858+1 (sensitive receptor: C1817)
 DISCCART 407687.500992907 3758537.50056317 0.00 1.50
 ** receptor =B1859+1 (sensitive receptor: C1818)
 DISCCART 407737.495546874 3758537.50056317 0.00 1.50
 ** receptor =B1860+1 (sensitive receptor: C1819)
 DISCCART 407787.498346685 3758537.50056317 0.00 1.50
 ** receptor =B1861+1 (sensitive receptor: C1820)
 DISCCART 407837.501146496 3758537.50056317 0.00 1.50
 ** receptor =B1862+1 (sensitive receptor: C1821)
 DISCCART 407887.503946307 3758537.50056317 0.00 1.50
 ** receptor =B1863+1 (sensitive receptor: C1822)
 DISCCART 407937.498500274 3758537.50056317 0.00 1.50
 ** receptor =B1864+1 (sensitive receptor: C1823)
 DISCCART 407987.501300085 3758537.50056317 0.00 1.50
 ** receptor =B1865+1 (sensitive receptor: C1824)
 DISCCART 408037.495854052 3758537.50056317 0.00 1.50
 ** receptor =B1866+1 (sensitive receptor: C1825)
 DISCCART 408087.498653864 3758537.50056317 0.00 1.50
 ** receptor =B1867+1 (sensitive receptor: C1826)
 DISCCART 405962.503349551 3759987.50541887 754.30 1.50
 ** receptor =B1868+1 (sensitive receptor: C1827)
 DISCCART 405962.503349551 3759937.50559619 733.70 1.50
 ** receptor =B1869+1 (sensitive receptor: C1828)
 DISCCART 405962.503349551 3759887.50577351 704.80 1.50
 ** receptor =B1870+1 (sensitive receptor: C1829)
 DISCCART 405962.503349551 3759837.50595083 641.40 1.50
 ** receptor =B1871+1 (sensitive receptor: C1830)
 DISCCART 405962.503349551 3759787.50612815 628.70 1.50
 ** receptor =B1872+1 (sensitive receptor: C1831)
 DISCCART 405962.503349551 3759737.50630547 619.20 1.50
 ** receptor =B1873+1 (sensitive receptor: C1832)
 DISCCART 405962.503349551 3759687.50648279 548.60 1.50
 ** receptor =B1874+1 (sensitive receptor: C1833)
 DISCCART 405962.503349551 3759637.50666011 532.20 1.50
 ** receptor =B1875+1 (sensitive receptor: C1834)
 DISCCART 405962.503349551 3759587.50683743 515.80 1.50
 ** receptor =B1876+1 (sensitive receptor: C1835)
 DISCCART 405962.503349551 3759537.50701475 522.50 1.50
 ** receptor =B1877+1 (sensitive receptor: C1836)
 DISCCART 405962.503349551 3759487.50719207 522.50 1.50
 ** receptor =B1878+1 (sensitive receptor: C1837)
 DISCCART 405962.503349551 3759437.50736939 515.80 1.50
 ** receptor =B1879+1 (sensitive receptor: C1838)
 DISCCART 405962.503349551 3759387.49754874 488.50 1.50
 ** receptor =B1880+1 (sensitive receptor: C1839)
 DISCCART 405962.503349551 3759337.49772606 453.50 1.50
 ** receptor =B1881+1 (sensitive receptor: C1840)
 DISCCART 405962.503349551 3759287.49790338 420.70 1.50
 ** receptor =B1882+1 (sensitive receptor: C1841)
 DISCCART 405962.503349551 3759237.4980807 394.40 1.50
 ** receptor =B1883+1 (sensitive receptor: C1842)
 DISCCART 405962.503349551 3759187.49825802 377.20 1.50
 ** receptor =B1884+1 (sensitive receptor: C1843)
 DISCCART 405962.503349551 3759137.49843534 373.80 1.50
 ** receptor =B1885+1 (sensitive receptor: C1844)

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** DISCCART	405962.503349551	3759087.49861266	367.30	1.50
** receptor	=B1886+1 (sensitive receptor: C1845)			
** DISCCART	405962.503349551	3759037.49878997	357.50	1.50
** receptor	=B1887+1 (sensitive receptor: C1846)			
** DISCCART	405962.503349551	3758987.49896729	354.20	1.50
** receptor	=B1888+1 (sensitive receptor: C1847)			
** DISCCART	405962.503349551	3758937.49914461	348.60	1.50
** receptor	=B1889+1 (sensitive receptor: C1848)			
** DISCCART	405962.503349551	3758887.49932193	344.30	1.50
** receptor	=B1890+1 (sensitive receptor: C1849)			
** DISCCART	405962.503349551	3758837.49949925	337.80	1.50
** receptor	=B1891+1 (sensitive receptor: C1850)			
** DISCCART	405962.503349551	3758787.49967657	331.20	1.50
** receptor	=B1892+1 (sensitive receptor: C1851)			
** DISCCART	405962.503349551	3758737.49985389	324.60	1.50
** receptor	=B1893+1 (sensitive receptor: C1852)			
** DISCCART	405962.503349551	3758687.50003121	318.20	1.50
** receptor	=B1894+1 (sensitive receptor: C1853)			
** DISCCART	405962.503349551	3758637.50020853	311.60	1.50
** receptor	=B1895+1 (sensitive receptor: C1854)			
** DISCCART	406012.497903518	3759987.50541887	735.10	1.50
** receptor	=B1896+1 (sensitive receptor: C1855)			
** DISCCART	406012.497903518	3759937.50559619	667.60	1.50
** receptor	=B1897+1 (sensitive receptor: C1856)			
** DISCCART	406012.497903518	3759887.50577351	662.40	1.50
** receptor	=B1898+1 (sensitive receptor: C1857)			
** DISCCART	406012.497903518	3759837.50595083	645.10	1.50
** receptor	=B1899+1 (sensitive receptor: C1858)			
** DISCCART	406012.497903518	3759787.50612815	625.50	1.50
** receptor	=B1900+1 (sensitive receptor: C1859)			
** DISCCART	406012.497903518	3759737.50630547	624.60	1.50
** receptor	=B1901+1 (sensitive receptor: C1860)			
** DISCCART	406012.497903518	3759687.50648279	557.50	1.50
** receptor	=B1902+1 (sensitive receptor: C1861)			
** DISCCART	406012.497903518	3759637.50666011	544.40	1.50
** receptor	=B1903+1 (sensitive receptor: C1862)			
** DISCCART	406012.497903518	3759587.50683743	528.10	1.50
** receptor	=B1904+1 (sensitive receptor: C1863)			
** DISCCART	406012.497903518	3759537.50701475	528.10	1.50
** receptor	=B1905+1 (sensitive receptor: C1864)			
** DISCCART	406012.497903518	3759487.50719207	521.90	1.50
** receptor	=B1906+1 (sensitive receptor: C1865)			
** DISCCART	406012.497903518	3759437.50736939	492.90	1.50
** receptor	=B1907+1 (sensitive receptor: C1866)			
** DISCCART	406012.497903518	3759387.49754874	480.10	1.50
** receptor	=B1908+1 (sensitive receptor: C1867)			
** DISCCART	406012.497903518	3759337.49772606	450.70	1.50
** receptor	=B1909+1 (sensitive receptor: C1868)			
** DISCCART	406012.497903518	3759287.49790338	426.30	1.50
** receptor	=B1910+1 (sensitive receptor: C1869)			
** DISCCART	406012.497903518	3759237.4980807	399.10	1.50
** receptor	=B1911+1 (sensitive receptor: C1870)			
** DISCCART	406012.497903518	3759187.49825802	381.40	1.50
** receptor	=B1912+1 (sensitive receptor: C1871)			
** DISCCART	406012.497903518	3759137.49843534	378.10	1.50
** receptor	=B1913+1 (sensitive receptor: C1872)			
** DISCCART	406012.497903518	3759087.49861266	370.60	1.50
** receptor	=B1914+1 (sensitive receptor: C1873)			
** DISCCART	406012.497903518	3759037.49878997	361.70	1.50
** receptor	=B1915+1 (sensitive receptor: C1874)			
** DISCCART	406012.497903518	3758987.49896729	360.80	1.50
** receptor	=B1916+1 (sensitive receptor: C1875)			
** DISCCART	406012.497903518	3758937.49914461	355.10	1.50
** receptor	=B1917+1 (sensitive receptor: C1876)			
** DISCCART	406012.497903518	3758887.49932193	347.60	1.50
** receptor	=B1918+1 (sensitive receptor: C1877)			
** DISCCART	406012.497903518	3758837.49949925	337.80	1.50
** receptor	=B1919+1 (sensitive receptor: C1878)			
** DISCCART	406012.497903518	3758787.49967657	334.60	1.50
** receptor	=B1920+1 (sensitive receptor: C1879)			
** DISCCART	406012.497903518	3758737.49985389	327.90	1.50
** receptor	=B1921+1 (sensitive receptor: C1880)			
** DISCCART	406012.497903518	3758687.50003121	321.40	1.50
** receptor	=B1922+1 (sensitive receptor: C1881)			
** DISCCART	406012.497903518	3758637.50020853	315.80	1.50
** receptor	=B1923+1 (sensitive receptor: C1882)			

Appendix B

NOx Annual Emissions Mitigated

** DISCCART	406062.500703329	3759987.50541887	686.90	1.50
** receptor	=B1924+1 (sensitive receptor: C1883)			
** DISCCART	406062.500703329	3759837.50595083	582.90	1.50
** receptor	=B1925+1 (sensitive receptor: C1884)			
** DISCCART	406062.500703329	3759787.50612815	563.20	1.50
** receptor	=B1926+1 (sensitive receptor: C1885)			
** DISCCART	406062.500703329	3759737.50630547	545.60	1.50
** receptor	=B1927+1 (sensitive receptor: C1886)			
** DISCCART	406062.500703329	3759687.50648279	548.50	1.50
** receptor	=B1928+1 (sensitive receptor: C1887)			
** DISCCART	406062.500703329	3759637.50666011	528.50	1.50
** receptor	=B1929+1 (sensitive receptor: C1888)			
** DISCCART	406062.500703329	3759587.50683743	517.70	1.50
** receptor	=B1930+1 (sensitive receptor: C1889)			
** DISCCART	406062.500703329	3759537.50701475	480.20	1.50
** receptor	=B1931+1 (sensitive receptor: C1890)			
** DISCCART	406062.500703329	3759487.50719207	465.80	1.50
** receptor	=B1932+1 (sensitive receptor: C1891)			
** DISCCART	406062.500703329	3759437.50736939	454.00	1.50
** receptor	=B1933+1 (sensitive receptor: C1892)			
** DISCCART	406062.500703329	3759387.49754874	437.60	1.50
** receptor	=B1934+1 (sensitive receptor: C1893)			
** DISCCART	406062.500703329	3759337.49772606	424.50	1.50
** receptor	=B1935+1 (sensitive receptor: C1894)			
** DISCCART	406062.500703329	3759287.49790338	414.80	1.50
** receptor	=B1936+1 (sensitive receptor: C1895)			
** DISCCART	406062.500703329	3759237.4980807	393.60	1.50
** receptor	=B1937+1 (sensitive receptor: C1896)			
** DISCCART	406062.500703329	3759187.49825802	390.30	1.50
** receptor	=B1938+1 (sensitive receptor: C1897)			
** DISCCART	406062.500703329	3759137.49843534	383.70	1.50
** receptor	=B1939+1 (sensitive receptor: C1898)			
** DISCCART	406062.500703329	3759087.49861266	377.10	1.50
** receptor	=B1940+1 (sensitive receptor: C1899)			
** DISCCART	406062.500703329	3759037.49878997	370.60	1.50
** receptor	=B1941+1 (sensitive receptor: C1900)			
** DISCCART	406062.500703329	3758987.49896729	367.30	1.50
** receptor	=B1942+1 (sensitive receptor: C1901)			
** DISCCART	406062.500703329	3758937.49914461	357.50	1.50
** receptor	=B1943+1 (sensitive receptor: C1902)			
** DISCCART	406062.500703329	3758887.49932193	351.90	1.50
** receptor	=B1944+1 (sensitive receptor: C1903)			
** DISCCART	406062.500703329	3758837.49949925	344.40	1.50
** receptor	=B1945+1 (sensitive receptor: C1904)			
** DISCCART	406062.500703329	3758787.49967657	337.80	1.50
** receptor	=B1946+1 (sensitive receptor: C1905)			
** DISCCART	406062.500703329	3758737.49985389	332.20	1.50
** receptor	=B1947+1 (sensitive receptor: C1906)			
** DISCCART	406062.500703329	3758687.50003121	324.70	1.50
** receptor	=B1948+1 (sensitive receptor: C1907)			
** DISCCART	406062.500703329	3758637.50020853	321.40	1.50
** receptor	=B1949+1 (sensitive receptor: C1908)			
** DISCCART	406112.495257296	3759987.50541887	592.60	1.50
** receptor	=B1950+1 (sensitive receptor: C1909)			
** DISCCART	406112.495257296	3759837.50595083	488.70	1.50
** receptor	=B1951+1 (sensitive receptor: C1910)			
** DISCCART	406112.495257296	3759787.50612815	485.40	1.50
** receptor	=B1952+1 (sensitive receptor: C1911)			
** DISCCART	406112.495257296	3759737.50630547	478.00	1.50
** receptor	=B1953+1 (sensitive receptor: C1912)			
** DISCCART	406112.495257296	3759687.50648279	475.60	1.50
** receptor	=B1954+1 (sensitive receptor: C1913)			
** DISCCART	406112.495257296	3759637.50666011	469.00	1.50
** receptor	=B1955+1 (sensitive receptor: C1914)			
** DISCCART	406112.495257296	3759587.50683743	469.00	1.50
** receptor	=B1956+1 (sensitive receptor: C1915)			
** DISCCART	406112.495257296	3759537.50701475	464.80	1.50
** receptor	=B1957+1 (sensitive receptor: C1916)			
** DISCCART	406112.495257296	3759487.50719207	448.70	1.50
** receptor	=B1958+1 (sensitive receptor: C1917)			
** DISCCART	406112.495257296	3759437.50736939	426.30	1.50
** receptor	=B1959+1 (sensitive receptor: C1918)			
** DISCCART	406112.495257296	3759387.49754874	417.50	1.50
** receptor	=B1960+1 (sensitive receptor: C1919)			
** DISCCART	406112.495257296	3759337.49772606	421.60	1.50
** receptor	=B1961+1 (sensitive receptor: C1920)			

Appendix B

NOx Annual Emissions Mitigated

** DISCCART	406112.495257296	3759287.49790338	418.40	1.50
** receptor	=B1962+1 (sensitive receptor: C1921)			
** DISCCART	406112.495257296	3759237.4980807	404.30	1.50
** receptor	=B1963+1 (sensitive receptor: C1922)			
** DISCCART	406112.495257296	3759187.49825802	397.80	1.50
** receptor	=B1964+1 (sensitive receptor: C1923)			
** DISCCART	406112.495257296	3759137.49843534	390.30	1.50
** receptor	=B1965+1 (sensitive receptor: C1924)			
** DISCCART	406112.495257296	3759087.49861266	383.70	1.50
** receptor	=B1966+1 (sensitive receptor: C1925)			
** DISCCART	406112.495257296	3759037.49878997	378.10	1.50
** receptor	=B1967+1 (sensitive receptor: C1926)			
** DISCCART	406112.495257296	3758987.49896729	373.90	1.50
** receptor	=B1968+1 (sensitive receptor: C1927)			
** DISCCART	406112.495257296	3758937.49914461	365.00	1.50
** receptor	=B1969+1 (sensitive receptor: C1928)			
** DISCCART	406112.495257296	3758887.49932193	358.40	1.50
** receptor	=B1970+1 (sensitive receptor: C1929)			
** DISCCART	406112.495257296	3758837.49949925	351.90	1.50
** receptor	=B1971+1 (sensitive receptor: C1930)			
** DISCCART	406112.495257296	3758787.49967657	344.30	1.50
** receptor	=B1972+1 (sensitive receptor: C1931)			
** DISCCART	406112.495257296	3758737.49985389	335.50	1.50
** receptor	=B1973+1 (sensitive receptor: C1932)			
** DISCCART	406112.495257296	3758687.50003121	331.20	1.50
** receptor	=B1974+1 (sensitive receptor: C1933)			
** DISCCART	406112.495257296	3758637.50020853	324.70	1.50
** receptor	=B1975+1 (sensitive receptor: C1934)			
** DISCCART	406162.498057107	3759987.50541887	509.70	1.50
** receptor	=B1976+1 (sensitive receptor: C1935)			
** DISCCART	406162.498057107	3759837.50595083	503.20	1.50
** receptor	=B1977+1 (sensitive receptor: C1936)			
** DISCCART	406162.498057107	3759787.50612815	506.00	1.50
** receptor	=B1978+1 (sensitive receptor: C1937)			
** DISCCART	406162.498057107	3759437.50736939	449.80	1.50
** receptor	=B1979+1 (sensitive receptor: C1938)			
** DISCCART	406162.498057107	3759387.49754874	454.50	1.50
** receptor	=B1980+1 (sensitive receptor: C1939)			
** DISCCART	406162.498057107	3759337.49772606	452.20	1.50
** receptor	=B1981+1 (sensitive receptor: C1940)			
** DISCCART	406162.498057107	3759287.49790338	433.80	1.50
** receptor	=B1982+1 (sensitive receptor: C1941)			
** DISCCART	406162.498057107	3759237.4980807	414.20	1.50
** receptor	=B1983+1 (sensitive receptor: C1942)			
** DISCCART	406162.498057107	3759187.49825802	404.30	1.50
** receptor	=B1984+1 (sensitive receptor: C1943)			
** DISCCART	406162.498057107	3759137.49843534	396.80	1.50
** receptor	=B1985+1 (sensitive receptor: C1944)			
** DISCCART	406162.498057107	3759087.49861266	390.30	1.50
** receptor	=B1986+1 (sensitive receptor: C1945)			
** DISCCART	406162.498057107	3759037.49878997	384.70	1.50
** receptor	=B1987+1 (sensitive receptor: C1946)			
** DISCCART	406162.498057107	3758987.49896729	380.50	1.50
** receptor	=B1988+1 (sensitive receptor: C1947)			
** DISCCART	406162.498057107	3758937.49914461	371.50	1.50
** receptor	=B1989+1 (sensitive receptor: C1948)			
** DISCCART	406162.498057107	3758887.49932193	364.10	1.50
** receptor	=B1990+1 (sensitive receptor: C1949)			
** DISCCART	406162.498057107	3758837.49949925	357.50	1.50
** receptor	=B1991+1 (sensitive receptor: C1950)			
** DISCCART	406162.498057107	3758787.49967657	347.60	1.50
** receptor	=B1992+1 (sensitive receptor: C1951)			
** DISCCART	406162.498057107	3758737.49985389	337.80	1.50
** receptor	=B1993+1 (sensitive receptor: C1952)			
** DISCCART	406162.498057107	3758687.50003121	334.50	1.50
** receptor	=B1994+1 (sensitive receptor: C1953)			
** DISCCART	406162.498057107	3758637.50020853	328.00	1.50
** receptor	=B1995+1 (sensitive receptor: C1954)			
** DISCCART	406212.500856919	3759437.50736939	498.50	1.50
** receptor	=B1996+1 (sensitive receptor: C1955)			
** DISCCART	406212.500856919	3759387.49754874	483.00	1.50
** receptor	=B1997+1 (sensitive receptor: C1956)			
** DISCCART	406212.500856919	3759337.49772606	462.50	1.50
** receptor	=B1998+1 (sensitive receptor: C1957)			
** DISCCART	406212.500856919	3759287.49790338	442.70	1.50
** receptor	=B1999+1 (sensitive receptor: C1958)			

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NOx Annual Emissions Mitigated

** receptor	DISCCART	406212.500856919	3759237.4980807	420.70	1.50
	=B2000+1 (sensitive receptor: C1959)				
** receptor	DISCCART	406212.500856919	3759187.49825802	410.00	1.50
	=B2001+1 (sensitive receptor: C1960)				
** receptor	DISCCART	406212.500856919	3759137.49843534	403.40	1.50
	=B2002+1 (sensitive receptor: C1961)				
** receptor	DISCCART	406212.500856919	3759087.49861266	396.80	1.50
	=B2003+1 (sensitive receptor: C1962)				
** receptor	DISCCART	406212.500856919	3759037.49878997	390.20	1.50
	=B2004+1 (sensitive receptor: C1963)				
** receptor	DISCCART	406212.500856919	3758987.49896729	383.70	1.50
	=B2005+1 (sensitive receptor: C1964)				
** receptor	DISCCART	406212.500856919	3758937.49914461	377.10	1.50
	=B2006+1 (sensitive receptor: C1965)				
** receptor	DISCCART	406212.500856919	3758887.49932193	367.30	1.50
	=B2007+1 (sensitive receptor: C1966)				
** receptor	DISCCART	406212.500856919	3758837.49949925	358.40	1.50
	=B2008+1 (sensitive receptor: C1967)				
** receptor	DISCCART	406212.500856919	3758787.49967657	350.90	1.50
	=B2009+1 (sensitive receptor: C1968)				
** receptor	DISCCART	406212.500856919	3758737.49985389	341.10	1.50
	=B2010+1 (sensitive receptor: C1969)				
** receptor	DISCCART	406212.500856919	3758687.50003121	337.80	1.50
	=B2011+1 (sensitive receptor: C1970)				
** receptor	DISCCART	406212.500856919	3758637.50020853	334.50	1.50
	=B2012+1 (sensitive receptor: C1971)				
** receptor	DISCCART	406262.495410886	3759437.50736939	502.70	1.50
	=B2013+1 (sensitive receptor: C1972)				
** receptor	DISCCART	406262.495410886	3759387.49754874	490.40	1.50
	=B2014+1 (sensitive receptor: C1973)				
** receptor	DISCCART	406262.495410886	3759337.49772606	459.10	1.50
	=B2015+1 (sensitive receptor: C1974)				
** receptor	DISCCART	406262.495410886	3759287.49790338	446.00	1.50
	=B2016+1 (sensitive receptor: C1975)				
** receptor	DISCCART	406262.495410886	3759237.4980807	430.50	1.50
	=B2017+1 (sensitive receptor: C1976)				
** receptor	DISCCART	406262.495410886	3759187.49825802	416.50	1.50
	=B2018+1 (sensitive receptor: C1977)				
** receptor	DISCCART	406262.495410886	3759137.49843534	406.70	1.50
	=B2019+1 (sensitive receptor: C1978)				
** receptor	DISCCART	406262.495410886	3759087.49861266	400.20	1.50
	=B2020+1 (sensitive receptor: C1979)				
** receptor	DISCCART	406262.495410886	3759037.49878997	393.50	1.50
	=B2021+1 (sensitive receptor: C1980)				
** receptor	DISCCART	406262.495410886	3758987.49896729	383.70	1.50
	=B2022+1 (sensitive receptor: C1981)				
** receptor	DISCCART	406262.495410886	3758937.49914461	377.10	1.50
	=B2023+1 (sensitive receptor: C1982)				
** receptor	DISCCART	406262.495410886	3758887.49932193	367.40	1.50
	=B2024+1 (sensitive receptor: C1983)				
** receptor	DISCCART	406262.495410886	3758837.49949925	359.80	1.50
	=B2025+1 (sensitive receptor: C1984)				
** receptor	DISCCART	406262.495410886	3758787.49967657	354.20	1.50
	=B2026+1 (sensitive receptor: C1985)				
** receptor	DISCCART	406262.495410886	3758737.49985389	344.40	1.50
	=B2027+1 (sensitive receptor: C1986)				
** receptor	DISCCART	406262.495410886	3758687.50003121	341.10	1.50
	=B2028+1 (sensitive receptor: C1987)				
** receptor	DISCCART	406262.495410886	3758637.50020853	337.80	1.50
	=B2029+1 (sensitive receptor: C1988)				
** receptor	DISCCART	406312.498210697	3759437.50736939	511.60	1.50
	=B2030+1 (sensitive receptor: C1989)				
** receptor	DISCCART	406312.498210697	3759387.49754874	505.00	1.50
	=B2031+1 (sensitive receptor: C1990)				
** receptor	DISCCART	406312.498210697	3759337.49772606	473.10	1.50
	=B2032+1 (sensitive receptor: C1991)				
** receptor	DISCCART	406312.498210697	3759287.49790338	452.60	1.50
	=B2033+1 (sensitive receptor: C1992)				
** receptor	DISCCART	406312.498210697	3759237.4980807	436.20	1.50
	=B2034+1 (sensitive receptor: C1993)				
** receptor	DISCCART	406312.498210697	3759187.49825802	419.80	1.50
	=B2035+1 (sensitive receptor: C1994)				
** receptor	DISCCART	406312.498210697	3759137.49843534	409.90	1.50
	=B2036+1 (sensitive receptor: C1995)				
** receptor	DISCCART	406312.498210697	3759087.49861266	400.20	1.50
	=B2037+1 (sensitive receptor: C1996)				

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** DISCCART	406312.498210697	3759037.49878997	393.50	1.50
** receptor	=B2038+1 (sensitive receptor: C1997)			
** DISCCART	406312.498210697	3758987.49896729	383.70	1.50
** receptor	=B2039+1 (sensitive receptor: C1998)			
** DISCCART	406312.498210697	3758937.49914461	373.90	1.50
** receptor	=B2040+1 (sensitive receptor: C1999)			
** DISCCART	406312.498210697	3758887.49932193	367.40	1.50
** receptor	=B2041+1 (sensitive receptor: C2000)			
** DISCCART	406312.498210697	3758837.49949925	360.70	1.50
** receptor	=B2042+1 (sensitive receptor: C2001)			
** DISCCART	406312.498210697	3758787.49967657	354.20	1.50
** receptor	=B2043+1 (sensitive receptor: C2002)			
** DISCCART	406312.498210697	3758737.49985389	347.70	1.50
** receptor	=B2044+1 (sensitive receptor: C2003)			
** DISCCART	406312.498210697	3758687.50003121	344.40	1.50
** receptor	=B2045+1 (sensitive receptor: C2004)			
** DISCCART	406312.498210697	3758637.50020853	342.00	1.50
** receptor	=B2046+1 (sensitive receptor: C2005)			
** DISCCART	406362.501010508	3759437.50736939	495.70	1.50
** receptor	=B2047+1 (sensitive receptor: C2006)			
** DISCCART	406362.501010508	3759387.49754874	485.90	1.50
** receptor	=B2048+1 (sensitive receptor: C2007)			
** DISCCART	406362.501010508	3759337.49772606	471.20	1.50
** receptor	=B2049+1 (sensitive receptor: C2008)			
** DISCCART	406362.501010508	3759287.49790338	449.30	1.50
** receptor	=B2050+1 (sensitive receptor: C2009)			
** DISCCART	406362.501010508	3759237.4980807	436.20	1.50
** receptor	=B2051+1 (sensitive receptor: C2010)			
** DISCCART	406362.501010508	3759187.49825802	423.00	1.50
** receptor	=B2052+1 (sensitive receptor: C2011)			
** DISCCART	406362.501010508	3759137.49843534	413.20	1.50
** receptor	=B2053+1 (sensitive receptor: C2012)			
** DISCCART	406362.501010508	3759087.49861266	403.40	1.50
** receptor	=B2054+1 (sensitive receptor: C2013)			
** DISCCART	406362.501010508	3759037.49878997	393.60	1.50
** receptor	=B2055+1 (sensitive receptor: C2014)			
** DISCCART	406362.501010508	3758987.49896729	383.80	1.50
** receptor	=B2056+1 (sensitive receptor: C2015)			
** DISCCART	406362.501010508	3758937.49914461	377.10	1.50
** receptor	=B2057+1 (sensitive receptor: C2016)			
** DISCCART	406362.501010508	3758887.49932193	366.40	1.50
** receptor	=B2058+1 (sensitive receptor: C2017)			
** DISCCART	406362.501010508	3758837.49949925	357.50	1.50
** receptor	=B2059+1 (sensitive receptor: C2018)			
** DISCCART	406362.501010508	3758787.49967657	354.20	1.50
** receptor	=B2060+1 (sensitive receptor: C2019)			
** DISCCART	406362.501010508	3758737.49985389	351.90	1.50
** receptor	=B2061+1 (sensitive receptor: C2020)			
** DISCCART	406362.501010508	3758687.50003121	351.00	1.50
** receptor	=B2062+1 (sensitive receptor: C2021)			
** DISCCART	406362.501010508	3758637.50020853	347.70	1.50
** receptor	=B2063+1 (sensitive receptor: C2022)			
** DISCCART	406412.503810319	3759337.49772606	455.80	1.50
** receptor	=B2064+1 (sensitive receptor: C2023)			
** DISCCART	406412.503810319	3759287.49790338	446.10	1.50
** receptor	=B2065+1 (sensitive receptor: C2024)			
** DISCCART	406412.503810319	3759237.4980807	439.50	1.50
** receptor	=B2066+1 (sensitive receptor: C2025)			
** DISCCART	406412.503810319	3759187.49825802	426.30	1.50
** receptor	=B2067+1 (sensitive receptor: C2026)			
** DISCCART	406412.503810319	3759137.49843534	413.30	1.50
** receptor	=B2068+1 (sensitive receptor: C2027)			
** DISCCART	406412.503810319	3759087.49861266	403.40	1.50
** receptor	=B2069+1 (sensitive receptor: C2028)			
** DISCCART	406412.503810319	3759037.49878997	393.60	1.50
** receptor	=B2070+1 (sensitive receptor: C2029)			
** DISCCART	406412.503810319	3758987.49896729	387.00	1.50
** receptor	=B2071+1 (sensitive receptor: C2030)			
** DISCCART	406412.503810319	3758937.49914461	378.10	1.50
** receptor	=B2072+1 (sensitive receptor: C2031)			
** DISCCART	406412.503810319	3758887.49932193	364.00	1.50
** receptor	=B2073+1 (sensitive receptor: C2032)			
** DISCCART	406412.503810319	3758837.49949925	357.50	1.50
** receptor	=B2074+1 (sensitive receptor: C2033)			
** DISCCART	406412.503810319	3758787.49967657	355.20	1.50
** receptor	=B2075+1 (sensitive receptor: C2034)			

Appendix B

NOx Annual Emissions Mitigated

** DISCCART	406412.503810319	3758737.49985389	357.50	1.50
** receptor	=B2076+1 (sensitive receptor: C2035)			
** DISCCART	406412.503810319	3758687.50003121	357.50	1.50
** receptor	=B2077+1 (sensitive receptor: C2036)			
** DISCCART	406412.503810319	3758637.50020853	355.10	1.50
** receptor	=B2078+1 (sensitive receptor: C2037)			
** DISCCART	406462.498364286	3759287.49790338	449.30	1.50
** receptor	=B2079+1 (sensitive receptor: C2038)			
** DISCCART	406462.498364286	3759237.4980807	439.40	1.50
** receptor	=B2080+1 (sensitive receptor: C2039)			
** DISCCART	406462.498364286	3759187.49825802	426.30	1.50
** receptor	=B2081+1 (sensitive receptor: C2040)			
** DISCCART	406462.498364286	3759137.49843534	413.20	1.50
** receptor	=B2082+1 (sensitive receptor: C2041)			
** DISCCART	406462.498364286	3759087.49861266	400.20	1.50
** receptor	=B2083+1 (sensitive receptor: C2042)			
** DISCCART	406462.498364286	3759037.49878997	393.60	1.50
** receptor	=B2084+1 (sensitive receptor: C2043)			
** DISCCART	406462.498364286	3758987.49896729	387.00	1.50
** receptor	=B2085+1 (sensitive receptor: C2044)			
** DISCCART	406462.498364286	3758937.49914461	380.50	1.50
** receptor	=B2086+1 (sensitive receptor: C2045)			
** DISCCART	406462.498364286	3758887.49932193	368.20	1.50
** receptor	=B2087+1 (sensitive receptor: C2046)			
** DISCCART	406462.498364286	3758837.49949925	358.40	1.50
** receptor	=B2088+1 (sensitive receptor: C2047)			
** DISCCART	406462.498364286	3758787.49967657	361.70	1.50
** receptor	=B2089+1 (sensitive receptor: C2048)			
** DISCCART	406462.498364286	3758737.49985389	361.70	1.50
** receptor	=B2090+1 (sensitive receptor: C2049)			
** DISCCART	406462.498364286	3758687.50003121	364.00	1.50
** receptor	=B2091+1 (sensitive receptor: C2050)			
** DISCCART	406462.498364286	3758637.50020853	358.40	1.50
** receptor	=B2092+1 (sensitive receptor: C2051)			
** DISCCART	406512.501164097	3759287.49790338	452.60	1.50
** receptor	=B2093+1 (sensitive receptor: C2052)			
** DISCCART	406512.501164097	3759237.4980807	439.50	1.50
** receptor	=B2094+1 (sensitive receptor: C2053)			
** DISCCART	406512.501164097	3759187.49825802	424.00	1.50
** receptor	=B2095+1 (sensitive receptor: C2054)			
** DISCCART	406512.501164097	3759137.49843534	414.20	1.50
** receptor	=B2096+1 (sensitive receptor: C2055)			
** DISCCART	406512.501164097	3759087.49861266	406.60	1.50
** receptor	=B2097+1 (sensitive receptor: C2056)			
** DISCCART	406512.501164097	3759037.49878997	397.80	1.50
** receptor	=B2098+1 (sensitive receptor: C2057)			
** DISCCART	406512.501164097	3758987.49896729	390.20	1.50
** receptor	=B2099+1 (sensitive receptor: C2058)			
** DISCCART	406512.501164097	3758937.49914461	382.80	1.50
** receptor	=B2100+1 (sensitive receptor: C2059)			
** DISCCART	406512.501164097	3758887.49932193	373.90	1.50
** receptor	=B2101+1 (sensitive receptor: C2060)			
** DISCCART	406512.501164097	3758837.49949925	374.80	1.50
** receptor	=B2102+1 (sensitive receptor: C2061)			
** DISCCART	406512.501164097	3758787.49967657	371.60	1.50
** receptor	=B2103+1 (sensitive receptor: C2062)			
** DISCCART	406512.501164097	3758737.49985389	371.60	1.50
** receptor	=B2104+1 (sensitive receptor: C2063)			
** DISCCART	406512.501164097	3758687.50003121	368.30	1.50
** receptor	=B2105+1 (sensitive receptor: C2064)			
** DISCCART	406512.501164097	3758637.50020853	365.00	1.50
** receptor	=B2106+1 (sensitive receptor: C2065)			
** DISCCART	406562.495718064	3759237.4980807	443.60	1.50
** receptor	=B2107+1 (sensitive receptor: C2066)			
** DISCCART	406562.495718064	3759187.49825802	432.90	1.50
** receptor	=B2108+1 (sensitive receptor: C2067)			
** DISCCART	406562.495718064	3759137.49843534	419.80	1.50
** receptor	=B2109+1 (sensitive receptor: C2068)			
** DISCCART	406562.495718064	3759087.49861266	410.90	1.50
** receptor	=B2110+1 (sensitive receptor: C2069)			
** DISCCART	406562.495718064	3759037.49878997	403.40	1.50
** receptor	=B2111+1 (sensitive receptor: C2070)			
** DISCCART	406562.495718064	3758987.49896729	393.50	1.50
** receptor	=B2112+1 (sensitive receptor: C2071)			
** DISCCART	406562.495718064	3758937.49914461	381.40	1.50
** receptor	=B2113+1 (sensitive receptor: C2072)			

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** receptor	DISCCART	406562.495718064	3758887.49932193	381.40	1.50
** receptor	=B2114+1 (sensitive receptor: C2073)				
** receptor	DISCCART	406562.495718064	3758837.49949925	384.70	1.50
** receptor	=B2115+1 (sensitive receptor: C2074)				
** receptor	DISCCART	406562.495718064	3758787.49967657	381.40	1.50
** receptor	=B2116+1 (sensitive receptor: C2075)				
** receptor	DISCCART	406562.495718064	3758737.49985389	380.40	1.50
** receptor	=B2117+1 (sensitive receptor: C2076)				
** receptor	DISCCART	406562.495718064	3758687.50003121	374.80	1.50
** receptor	=B2118+1 (sensitive receptor: C2077)				
** receptor	DISCCART	406562.495718064	3758637.50020853	370.60	1.50
** receptor	=B2119+1 (sensitive receptor: C2078)				
** receptor	DISCCART	406562.495718064	3758587.50038585	364.10	1.50
** receptor	=B2120+1 (sensitive receptor: C2079)				
** receptor	DISCCART	406612.498517875	3759187.49825802	440.40	1.50
** receptor	=B2121+1 (sensitive receptor: C2080)				
** receptor	DISCCART	406612.498517875	3759137.49843534	427.30	1.50
** receptor	=B2122+1 (sensitive receptor: C2081)				
** receptor	DISCCART	406612.498517875	3759087.49861266	416.50	1.50
** receptor	=B2123+1 (sensitive receptor: C2082)				
** receptor	DISCCART	406612.498517875	3759037.49878997	403.40	1.50
** receptor	=B2124+1 (sensitive receptor: C2083)				
** receptor	DISCCART	406612.498517875	3758987.49896729	396.80	1.50
** receptor	=B2125+1 (sensitive receptor: C2084)				
** receptor	DISCCART	406612.498517875	3758937.49914461	397.80	1.50
** receptor	=B2126+1 (sensitive receptor: C2085)				
** receptor	DISCCART	406612.498517875	3758887.49932193	397.80	1.50
** receptor	=B2127+1 (sensitive receptor: C2086)				
** receptor	DISCCART	406612.498517875	3758837.49949925	393.60	1.50
** receptor	=B2128+1 (sensitive receptor: C2087)				
** receptor	DISCCART	406612.498517875	3758787.49967657	387.00	1.50
** receptor	=B2129+1 (sensitive receptor: C2088)				
** receptor	DISCCART	406612.498517875	3758737.49985389	383.70	1.50
** receptor	=B2130+1 (sensitive receptor: C2089)				
** receptor	DISCCART	406612.498517875	3758687.50003121	380.40	1.50
** receptor	=B2131+1 (sensitive receptor: C2090)				
** receptor	DISCCART	406612.498517875	3758637.50020853	370.60	1.50
** receptor	=B2132+1 (sensitive receptor: C2091)				
** receptor	DISCCART	406612.498517875	3758587.50038585	364.10	1.50
** receptor	=B2133+1 (sensitive receptor: C2092)				
** receptor	DISCCART	406662.501317687	3759187.49825802	446.00	1.50
** receptor	=B2134+1 (sensitive receptor: C2093)				
** receptor	DISCCART	406662.501317687	3759137.49843534	429.60	1.50
** receptor	=B2135+1 (sensitive receptor: C2094)				
** receptor	DISCCART	406662.501317687	3759087.49861266	419.80	1.50
** receptor	=B2136+1 (sensitive receptor: C2095)				
** receptor	DISCCART	406662.501317687	3759037.49878997	410.90	1.50
** receptor	=B2137+1 (sensitive receptor: C2096)				
** receptor	DISCCART	406662.501317687	3758987.49896729	408.60	1.50
** receptor	=B2138+1 (sensitive receptor: C2097)				
** receptor	DISCCART	406662.501317687	3758937.49914461	410.00	1.50
** receptor	=B2139+1 (sensitive receptor: C2098)				
** receptor	DISCCART	406662.501317687	3758887.49932193	403.40	1.50
** receptor	=B2140+1 (sensitive receptor: C2099)				
** receptor	DISCCART	406662.501317687	3758837.49949925	400.10	1.50
** receptor	=B2141+1 (sensitive receptor: C2100)				
** receptor	DISCCART	406662.501317687	3758787.49967657	390.30	1.50
** receptor	=B2142+1 (sensitive receptor: C2101)				
** receptor	DISCCART	406662.501317687	3758737.49985389	383.80	1.50
** receptor	=B2143+1 (sensitive receptor: C2102)				
** receptor	DISCCART	406712.495871654	3759137.49843534	430.50	1.50
** receptor	=B2144+1 (sensitive receptor: C2103)				
** receptor	DISCCART	406712.495871654	3759087.49861266	430.70	1.50
** receptor	=B2145+1 (sensitive receptor: C2104)				
** receptor	DISCCART	406712.495871654	3759037.49878997	428.20	1.50
** receptor	=B2146+1 (sensitive receptor: C2105)				
** receptor	DISCCART	406712.495871654	3758987.49896729	424.00	1.50
** receptor	=B2147+1 (sensitive receptor: C2106)				
** receptor	DISCCART	406712.495871654	3758937.49914461	419.80	1.50
** receptor	=B2148+1 (sensitive receptor: C2107)				
** receptor	DISCCART	406712.495871654	3758887.49932193	405.70	1.50
** receptor	=B2149+1 (sensitive receptor: C2108)				
** receptor	DISCCART	406712.495871654	3758587.50038585	373.80	1.50
** receptor	=B2150+1 (sensitive receptor: C2109)				
** receptor	DISCCART	406762.498671465	3759037.49878997	446.90	1.50
** receptor	=B2151+1 (sensitive receptor: C2110)				

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** DISCCART	406762.498671465	3758987.49896729	432.80	1.50
** receptor	=B2152+1 (sensitive receptor: C2111)			
** DISCCART	406762.498671465	3758937.49914461	416.60	1.50
** receptor	=B2153+1 (sensitive receptor: C2112)			
** DISCCART	406762.498671465	3758687.50003121	388.00	1.50
** receptor	=B2154+1 (sensitive receptor: C2113)			
** DISCCART	406762.498671465	3758637.50020853	382.80	1.50
** receptor	=B2155+1 (sensitive receptor: C2114)			
** DISCCART	406762.498671465	3758587.50038585	373.90	1.50
** receptor	=B2156+1 (sensitive receptor: C2115)			
** DISCCART	406812.501471276	3758987.49896729	435.20	1.50
** receptor	=B2157+1 (sensitive receptor: C2116)			
** DISCCART	406812.501471276	3758687.50003121	397.80	1.50
** receptor	=B2158+1 (sensitive receptor: C2117)			
** DISCCART	406812.501471276	3758637.50020853	384.70	1.50
** receptor	=B2159+1 (sensitive receptor: C2118)			
** DISCCART	406812.501471276	3758587.50038585	379.40	1.50
** receptor	=B2160+1 (sensitive receptor: C2119)			
** DISCCART	406862.496025243	3758737.49985389	406.70	1.50
** receptor	=B2161+1 (sensitive receptor: C2120)			
** DISCCART	406862.496025243	3758687.50003121	400.10	1.50
** receptor	=B2162+1 (sensitive receptor: C2121)			
** DISCCART	406862.496025243	3758637.50020853	387.00	1.50
** receptor	=B2163+1 (sensitive receptor: C2122)			
** DISCCART	406862.496025243	3758587.50038585	356.60	1.50
** receptor	=B2164+1 (sensitive receptor: C2123)			
** DISCCART	406912.498825054	3758787.49967657	416.60	1.50
** receptor	=B2165+1 (sensitive receptor: C2124)			
** DISCCART	406912.498825054	3758737.49985389	403.40	1.50
** receptor	=B2166+1 (sensitive receptor: C2125)			
** DISCCART	406912.498825054	3758687.50003121	393.60	1.50
** receptor	=B2167+1 (sensitive receptor: C2126)			
** DISCCART	406912.498825054	3758637.50020853	382.70	1.50
** receptor	=B2168+1 (sensitive receptor: C2127)			
** DISCCART	406912.498825054	3758587.50038585	378.20	1.50
** receptor	=B2169+1 (sensitive receptor: C2128)			
** DISCCART	406962.501624865	3758737.49985389	403.40	1.50
** receptor	=B2170+1 (sensitive receptor: C2129)			
** DISCCART	406962.501624865	3758687.50003121	393.50	1.50
** receptor	=B2171+1 (sensitive receptor: C2130)			
** DISCCART	406962.501624865	3758637.50020853	377.20	1.50
** receptor	=B2172+1 (sensitive receptor: C2131)			
** DISCCART	406962.501624865	3758587.50038585	383.80	1.50
** receptor	=B2173+1 (sensitive receptor: C2132)			
** DISCCART	407012.504424677	3758687.50003121	390.20	1.50
** receptor	=B2174+1 (sensitive receptor: C2133)			
** DISCCART	407012.504424677	3758637.50020853	378.20	1.50
** receptor	=B2175+1 (sensitive receptor: C2134)			
** DISCCART	407012.504424677	3758587.50038585	391.30	1.50
** receptor	=B2176+1 (sensitive receptor: C2135)			
** DISCCART	407062.498978644	3758687.50003121	383.70	1.50
** receptor	=B2177+1 (sensitive receptor: C2136)			
** DISCCART	407062.498978644	3758637.50020853	389.00	1.50
** receptor	=B2178+1 (sensitive receptor: C2137)			
** DISCCART	407062.498978644	3758587.50038585	400.20	1.50
** receptor	=B2179+1 (sensitive receptor: C2138)			
** DISCCART	407112.501778455	3758637.50020853	404.40	1.50
** receptor	=B2180+1 (sensitive receptor: C2139)			
** DISCCART	407112.501778455	3758587.50038585	410.00	1.50
** receptor	=B2181+1 (sensitive receptor: C2140)			
** DISCCART	407162.496332422	3758637.50020853	416.60	1.50
** receptor	=B2182+1 (sensitive receptor: C2141)			
** DISCCART	407162.496332422	3758587.50038585	416.60	1.50
** receptor	=B2183+1 (sensitive receptor: C2142)			
** DISCCART	407212.499132233	3758637.50020853	433.00	1.50
** receptor	=B2184+1 (sensitive receptor: C2143)			
** DISCCART	407212.499132233	3758587.50038585	447.10	1.50
** receptor	=B2185+1 (sensitive receptor: C2144)			
** DISCCART	407262.501932044	3758637.50020853	450.30	1.50
** receptor	=B2186+1 (sensitive receptor: C2145)			
** DISCCART	407262.501932044	3758587.50038585	453.60	1.50
** receptor	=B2187+1 (sensitive receptor: C2146)			
** DISCCART	407312.496486011	3758637.50020853	466.70	1.50
** receptor	=B2188+1 (sensitive receptor: C2147)			
** DISCCART	407312.496486011	3758587.50038585	463.40	1.50
** receptor	=B2189+1 (sensitive receptor: C2148)			

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** DISCCART	407362.499285822	3758637.50020853	479.80	1.50
** receptor	=B2190+1 (sensitive receptor: C2149)			
** DISCCART	407362.499285822	3758587.50038585	479.80	1.50
** receptor	=B2191+1 (sensitive receptor: C2150)			
** DISCCART	407412.502085634	3758637.50020853	499.50	1.50
** receptor	=B2192+1 (sensitive receptor: C2151)			
** DISCCART	407412.502085634	3758587.50038585	502.80	1.50
** receptor	=B2193+1 (sensitive receptor: C2152)			
** DISCCART	407462.4966396	3758637.50020853	500.90	1.50
** receptor	=B2194+1 (sensitive receptor: C2153)			
** DISCCART	407462.4966396	3758587.50038585	508.50	1.50
** receptor	=B2195+1 (sensitive receptor: C2154)			
** DISCCART	407512.499439412	3758637.50020853	481.20	1.50
** receptor	=B2196+1 (sensitive receptor: C2155)			
** DISCCART	407512.499439412	3758587.50038585	479.40	1.50
** receptor	=B2197+1 (sensitive receptor: C2156)			
** DISCCART	407562.502239223	3758637.50020853	0.00	1.50
** receptor	=B2198+1 (sensitive receptor: C2157)			
** DISCCART	407562.502239223	3758587.50038585	0.00	1.50
** receptor	=B2199+1 (sensitive receptor: C2158)			
** DISCCART	407612.49679319	3758637.50020853	0.00	1.50
** receptor	=B2200+1 (sensitive receptor: C2159)			
** DISCCART	407612.49679319	3758587.50038585	0.00	1.50
** receptor	=B2201+1 (sensitive receptor: C2160)			
** DISCCART	407662.499593001	3758637.50020853	0.00	1.50
** receptor	=B2202+1 (sensitive receptor: C2161)			
** DISCCART	407662.499593001	3758587.50038585	0.00	1.50
** receptor	=B2203+1 (sensitive receptor: C2162)			
** DISCCART	407712.502392812	3758637.50020853	0.00	1.50
** receptor	=B2204+1 (sensitive receptor: C2163)			
** DISCCART	407712.502392812	3758587.50038585	0.00	1.50
** receptor	=B2205+1 (sensitive receptor: C2164)			
** DISCCART	407762.496946779	3758637.50020853	0.00	1.50
** receptor	=B2206+1 (sensitive receptor: C2165)			
** DISCCART	407762.496946779	3758587.50038585	0.00	1.50
** receptor	=B2207+1 (sensitive receptor: C2166)			
** DISCCART	407812.49974659	3758637.50020853	0.00	1.50
** receptor	=B2208+1 (sensitive receptor: C2167)			
** DISCCART	407812.49974659	3758587.50038585	0.00	1.50
** receptor	=B2209+1 (sensitive receptor: C2168)			
** DISCCART	407862.502546402	3758637.50020853	0.00	1.50
** receptor	=B2210+1 (sensitive receptor: C2169)			
** DISCCART	407862.502546402	3758587.50038585	0.00	1.50
** receptor	=B2211+1 (sensitive receptor: C2170)			
** DISCCART	407912.497100369	3758637.50020853	0.00	1.50
** receptor	=B2212+1 (sensitive receptor: C2171)			
** DISCCART	407912.497100369	3758587.50038585	0.00	1.50
** receptor	=B2213+1 (sensitive receptor: C2172)			
** DISCCART	407962.49990018	3758637.50020853	0.00	1.50
** receptor	=B2214+1 (sensitive receptor: C2173)			
** DISCCART	407962.49990018	3758587.50038585	0.00	1.50
** receptor	=B2215+1 (sensitive receptor: C2174)			
** DISCCART	408012.502699991	3758637.50020853	0.00	1.50
** receptor	=B2216+1 (sensitive receptor: C2175)			
** DISCCART	408012.502699991	3758587.50038585	0.00	1.50
** receptor	=B2217+1 (sensitive receptor: C2176)			
** DISCCART	408062.497253958	3758637.50020853	0.00	1.50
** receptor	=B2218+1 (sensitive receptor: C2177)			
** DISCCART	408062.497253958	3758587.50038585	0.00	1.50
** receptor	=B2219+1 (sensitive receptor: C2178)			
** DISCCART	408112.500053769	3758637.50020853	0.00	1.50
** receptor	=B2220+1 (sensitive receptor: C2179)			
** DISCCART	408112.500053769	3758587.50038585	0.00	1.50
** receptor	=B2221+1 (sensitive receptor: C2180)			
** DISCCART	405987.496503612	3758537.50056317	305.00	1.50
** receptor	=B2222+1 (sensitive receptor: C2181)			
** DISCCART	406012.497903518	3758537.50056317	308.30	1.50
** receptor	=B2223+1 (sensitive receptor: C2182)			
** DISCCART	406037.499303424	3758537.50056317	310.80	1.50
** receptor	=B2224+1 (sensitive receptor: C2183)			
** DISCCART	406062.500703329	3758537.50056317	311.60	1.50
** receptor	=B2225+1 (sensitive receptor: C2184)			
** DISCCART	406087.502103235	3758537.50056317	314.90	1.50
** receptor	=B2226+1 (sensitive receptor: C2185)			
** DISCCART	406112.495257296	3758537.50056317	315.80	1.50
** receptor	=B2227+1 (sensitive receptor: C2186)			

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** receptor	DISCCART 406137.496657202 3758537.50056317 318.20 1.50
** receptor	=B2228+1 (sensitive receptor: C2187)
** receptor	DISCCART 406162.498057107 3758537.50056317 321.40 1.50
** receptor	=B2229+1 (sensitive receptor: C2188)
** receptor	DISCCART 406187.499457013 3758537.50056317 324.00 1.50
** receptor	=B2230+1 (sensitive receptor: C2189)
** receptor	DISCCART 406212.500856919 3758537.50056317 327.90 1.50
** receptor	=B2231+1 (sensitive receptor: C2190)
** receptor	DISCCART 406237.502256824 3758537.50056317 330.60 1.50
** receptor	=B2232+1 (sensitive receptor: C2191)
** receptor	DISCCART 406262.495410886 3758537.50056317 334.60 1.50
** receptor	=B2233+1 (sensitive receptor: C2192)
** receptor	DISCCART 406287.496810791 3758537.50056317 337.80 1.50
** receptor	=B2234+1 (sensitive receptor: C2193)
** receptor	DISCCART 406312.498210697 3758537.50056317 341.10 1.50
** receptor	=B2235+1 (sensitive receptor: C2194)
** receptor	DISCCART 406337.499610602 3758537.50056317 343.60 1.50
** receptor	=B2236+1 (sensitive receptor: C2195)
** receptor	DISCCART 406362.501010508 3758537.50056317 344.40 1.50
** receptor	=B2237+1 (sensitive receptor: C2196)
** receptor	DISCCART 406387.502410414 3758537.50056317 346.90 1.50
** receptor	=B2238+1 (sensitive receptor: C2197)
** receptor	DISCCART 406412.503810319 3758537.50056317 347.70 1.50
** receptor	=B2239+1 (sensitive receptor: C2198)
** receptor	DISCCART 406437.496964381 3758537.50056317 351.00 1.50
** receptor	=B2240+1 (sensitive receptor: C2199)
** receptor	DISCCART 406462.498364286 3758537.50056317 354.20 1.50
** receptor	=B2241+1 (sensitive receptor: C2200)
** receptor	DISCCART 406487.499764192 3758537.50056317 354.20 1.50
** receptor	=B2242+1 (sensitive receptor: C2201)
** receptor	DISCCART 406512.501164097 3758537.50056317 357.50 1.50
** receptor	=B2243+1 (sensitive receptor: C2202)
** receptor	DISCCART 406562.495718064 3758537.50056317 357.50 1.50
** receptor	=B2244+1 (sensitive receptor: C2203)
** receptor	DISCCART 406612.498517875 3758537.50056317 360.70 1.50
** receptor	=B2245+1 (sensitive receptor: C2204)
** receptor	DISCCART 406662.501317687 3758537.50056317 357.50 1.50
** receptor	=B2246+1 (sensitive receptor: C2205)
** receptor	DISCCART 406712.495871654 3758537.50056317 360.70 1.50
** receptor	=B2247+1 (sensitive receptor: C2206)
** receptor	DISCCART 406762.498671465 3758537.50056317 357.50 1.50
** receptor	=B2248+1 (sensitive receptor: C2207)
** receptor	DISCCART 406812.501471276 3758537.50056317 360.80 1.50
** receptor	=B2249+1 (sensitive receptor: C2208)
** receptor	DISCCART 406862.496025243 3758537.50056317 365.10 1.50
** receptor	=B2250+1 (sensitive receptor: C2209)
** receptor	DISCCART 406912.498825054 3758537.50056317 377.10 1.50
** receptor	=B2251+1 (sensitive receptor: C2210)
** receptor	DISCCART 406962.501624865 3758537.50056317 388.90 1.50
** receptor	=B2252+1 (sensitive receptor: C2211)
** receptor	DISCCART 407012.504424677 3758537.50056317 400.20 1.50
** receptor	=B2253+1 (sensitive receptor: C2212)
** receptor	DISCCART 407062.498978644 3758537.50056317 403.50 1.50
** receptor	=B2254+1 (sensitive receptor: C2213)
** receptor	DISCCART 407112.501778455 3758537.50056317 416.60 1.50
** receptor	=B2255+1 (sensitive receptor: C2214)
** receptor	DISCCART 407162.496332422 3758537.50056317 426.50 1.50
** receptor	=B2256+1 (sensitive receptor: C2215)
** receptor	DISCCART 407212.499132233 3758537.50056317 462.60 1.50
** receptor	=B2257+1 (sensitive receptor: C2216)
** receptor	DISCCART 407262.501932044 3758537.50056317 465.90 1.50
** receptor	=B2258+1 (sensitive receptor: C2217)
** receptor	DISCCART 407312.496486011 3758537.50056317 482.30 1.50
** receptor	=B2259+1 (sensitive receptor: C2218)
** receptor	DISCCART 407362.499285822 3758537.50056317 483.30 1.50
** receptor	=B2260+1 (sensitive receptor: C2219)
** receptor	DISCCART 407412.502085634 3758537.50056317 496.20 1.50
** receptor	=B2261+1 (sensitive receptor: C2220)
** receptor	DISCCART 407462.4966396 3758537.50056317 519.20 1.50
** receptor	=B2262+1 (sensitive receptor: C2221)
** receptor	DISCCART 407512.499439412 3758537.50056317 486.90 1.50
** receptor	=B2263+1 (sensitive receptor: C2222)
** receptor	DISCCART 407562.502239223 3758537.50056317 0.00 1.50
** receptor	=B2264+1 (sensitive receptor: C2223)
** receptor	DISCCART 407612.49679319 3758537.50056317 0.00 1.50
** receptor	=B2265+1 (sensitive receptor: C2224)

Appendix B

NOx Annual Emissions Mitigated

** DISCCART	407662.499593001	3758537.50056317	0.00	1.50
** receptor	=B2266+1 (sensitive receptor: C2225)			
** DISCCART	407712.502392812	3758537.50056317	0.00	1.50
** receptor	=B2267+1 (sensitive receptor: C2226)			
** DISCCART	407762.496946779	3758537.50056317	0.00	1.50
** receptor	=B2268+1 (sensitive receptor: C2227)			
** DISCCART	407812.49974659	3758537.50056317	0.00	1.50
** receptor	=B2269+1 (sensitive receptor: C2228)			
** DISCCART	407862.502546402	3758537.50056317	0.00	1.50
** receptor	=B2270+1 (sensitive receptor: C2229)			
** DISCCART	407912.497100369	3758537.50056317	0.00	1.50
** receptor	=B2271+1 (sensitive receptor: C2230)			
** DISCCART	407962.49990018	3758537.50056317	0.00	1.50
** receptor	=B2272+1 (sensitive receptor: C2231)			
** DISCCART	408012.502699991	3758537.50056317	0.00	1.50
** receptor	=B2273+1 (sensitive receptor: C2232)			
** DISCCART	408062.497253958	3758537.50056317	0.00	1.50
** receptor	=B2274+1 (sensitive receptor: C2233)			
** DISCCART	408112.500053769	3758537.50056317	0.00	1.50
** receptor	=B2275+1 (sensitive receptor: C2234)			
** DISCCART	405962.503349551	3758587.50038585	308.30	1.50
** receptor	=B2276+1 (sensitive receptor: C2235)			
** DISCCART	406012.497903518	3758587.50038585	311.60	1.50
** receptor	=B2277+1 (sensitive receptor: C2236)			
** DISCCART	406062.500703329	3758587.50038585	314.90	1.50
** receptor	=B2278+1 (sensitive receptor: C2237)			
** DISCCART	406112.495257296	3758587.50038585	318.20	1.50
** receptor	=B2279+1 (sensitive receptor: C2238)			
** DISCCART	406162.498057107	3758587.50038585	324.70	1.50
** receptor	=B2280+1 (sensitive receptor: C2239)			
** DISCCART	406212.500856919	3758587.50038585	331.20	1.50
** receptor	=B2281+1 (sensitive receptor: C2240)			
** DISCCART	406262.495410886	3758587.50038585	335.50	1.50
** receptor	=B2282+1 (sensitive receptor: C2241)			
** DISCCART	406312.498210697	3758587.50038585	342.00	1.50
** receptor	=B2283+1 (sensitive receptor: C2242)			
** DISCCART	406362.501010508	3758587.50038585	345.30	1.50
** receptor	=B2284+1 (sensitive receptor: C2243)			
** DISCCART	406412.503810319	3758587.50038585	351.00	1.50
** receptor	=B2285+1 (sensitive receptor: C2244)			
** DISCCART	406462.498364286	3758587.50038585	357.50	1.50
** receptor	=B2286+1 (sensitive receptor: C2245)			
** DISCCART	406512.501164097	3758587.50038585	360.80	1.50
** receptor	=B2287+1 (sensitive receptor: C2246)			
** DISCCART	405987.496503612	3760012.50033123	754.40	1.50
** receptor	=B2288+1 (sensitive receptor: C2247)			
** DISCCART	405987.496503612	3759962.50050855	734.70	1.50
** receptor	=B2289+1 (sensitive receptor: C2248)			
** DISCCART	405987.496503612	3759912.50068587	712.60	1.50
** receptor	=B2290+1 (sensitive receptor: C2249)			
** DISCCART	405987.496503612	3759862.50086319	672.50	1.50
** receptor	=B2291+1 (sensitive receptor: C2250)			
** DISCCART	405987.496503612	3759812.50104051	637.20	1.50
** receptor	=B2292+1 (sensitive receptor: C2251)			
** DISCCART	405987.496503612	3759762.50121783	623.20	1.50
** receptor	=B2293+1 (sensitive receptor: C2252)			
** DISCCART	405987.496503612	3759712.50139515	590.00	1.50
** receptor	=B2294+1 (sensitive receptor: C2253)			
** DISCCART	405987.496503612	3759662.50157247	544.10	1.50
** receptor	=B2295+1 (sensitive receptor: C2254)			
** DISCCART	405987.496503612	3759612.50174979	531.00	1.50
** receptor	=B2296+1 (sensitive receptor: C2255)			
** DISCCART	405987.496503612	3759562.5019271	525.80	1.50
** receptor	=B2297+1 (sensitive receptor: C2256)			
** DISCCART	405987.496503612	3759512.50210442	531.40	1.50
** receptor	=B2298+1 (sensitive receptor: C2257)			
** DISCCART	405987.496503612	3759462.50228174	529.30	1.50
** receptor	=B2299+1 (sensitive receptor: C2258)			
** DISCCART	405987.496503612	3759412.50245906	502.40	1.50
** receptor	=B2300+1 (sensitive receptor: C2259)			
** DISCCART	405987.496503612	3759362.50263638	470.80	1.50
** receptor	=B2301+1 (sensitive receptor: C2260)			
** DISCCART	405987.496503612	3759312.5028137	442.60	1.50
** receptor	=B2302+1 (sensitive receptor: C2261)			
** DISCCART	405987.496503612	3759262.50299102	415.70	1.50
** receptor	=B2303+1 (sensitive receptor: C2262)			

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** DISCCART	405987.496503612	3759212.50316834	380.80	1.50
** receptor	=B2304+1 (sensitive receptor: C2263)			
** DISCCART	405987.496503612	3759162.50334566	377.20	1.50
** receptor	=B2305+1 (sensitive receptor: C2264)			
** DISCCART	405987.496503612	3759112.50352298	371.90	1.50
** receptor	=B2306+1 (sensitive receptor: C2265)			
** DISCCART	405987.496503612	3759062.5037003	363.70	1.50
** receptor	=B2307+1 (sensitive receptor: C2266)			
** DISCCART	405987.496503612	3759012.50387762	357.50	1.50
** receptor	=B2308+1 (sensitive receptor: C2267)			
** DISCCART	405987.496503612	3758962.50405494	355.50	1.50
** receptor	=B2309+1 (sensitive receptor: C2268)			
** DISCCART	405987.496503612	3758912.50423226	348.90	1.50
** receptor	=B2310+1 (sensitive receptor: C2269)			
** DISCCART	405987.496503612	3758862.50440957	342.30	1.50
** receptor	=B2311+1 (sensitive receptor: C2270)			
** DISCCART	405987.496503612	3758812.50458689	334.60	1.50
** receptor	=B2312+1 (sensitive receptor: C2271)			
** DISCCART	405987.496503612	3758762.50476421	329.20	1.50
** receptor	=B2313+1 (sensitive receptor: C2272)			
** DISCCART	405987.496503612	3758712.50494153	322.70	1.50
** receptor	=B2314+1 (sensitive receptor: C2273)			
** DISCCART	405987.496503612	3758662.50511885	316.40	1.50
** receptor	=B2315+1 (sensitive receptor: C2274)			
** DISCCART	406037.499303424	3760012.50033123	724.10	1.50
** receptor	=B2316+1 (sensitive receptor: C2275)			
** DISCCART	406037.499303424	3759812.50104051	595.50	1.50
** receptor	=B2317+1 (sensitive receptor: C2276)			
** DISCCART	406037.499303424	3759762.50121783	588.60	1.50
** receptor	=B2318+1 (sensitive receptor: C2277)			
** DISCCART	406037.499303424	3759712.50139515	585.00	1.50
** receptor	=B2319+1 (sensitive receptor: C2278)			
** DISCCART	406037.499303424	3759662.50157247	546.00	1.50
** receptor	=B2320+1 (sensitive receptor: C2279)			
** DISCCART	406037.499303424	3759612.50174979	532.90	1.50
** receptor	=B2321+1 (sensitive receptor: C2280)			
** DISCCART	406037.499303424	3759562.5019271	523.50	1.50
** receptor	=B2322+1 (sensitive receptor: C2281)			
** DISCCART	406037.499303424	3759512.50210442	501.60	1.50
** receptor	=B2323+1 (sensitive receptor: C2282)			
** DISCCART	406037.499303424	3759462.50228174	468.20	1.50
** receptor	=B2324+1 (sensitive receptor: C2283)			
** DISCCART	406037.499303424	3759412.50245906	463.60	1.50
** receptor	=B2325+1 (sensitive receptor: C2284)			
** DISCCART	406037.499303424	3759362.50263638	444.10	1.50
** receptor	=B2326+1 (sensitive receptor: C2285)			
** DISCCART	406037.499303424	3759312.5028137	436.80	1.50
** receptor	=B2327+1 (sensitive receptor: C2286)			
** DISCCART	406037.499303424	3759262.50299102	402.80	1.50
** receptor	=B2328+1 (sensitive receptor: C2287)			
** DISCCART	406037.499303424	3759212.50316834	391.20	1.50
** receptor	=B2329+1 (sensitive receptor: C2288)			
** DISCCART	406037.499303424	3759162.50334566	383.40	1.50
** receptor	=B2330+1 (sensitive receptor: C2289)			
** DISCCART	406037.499303424	3759112.50352298	377.20	1.50
** receptor	=B2331+1 (sensitive receptor: C2290)			
** DISCCART	406037.499303424	3759062.5037003	370.30	1.50
** receptor	=B2332+1 (sensitive receptor: C2291)			
** DISCCART	406037.499303424	3759012.50387762	366.60	1.50
** receptor	=B2333+1 (sensitive receptor: C2292)			
** DISCCART	406037.499303424	3758962.50405494	362.00	1.50
** receptor	=B2334+1 (sensitive receptor: C2293)			
** DISCCART	406037.499303424	3758912.50423226	354.20	1.50
** receptor	=B2335+1 (sensitive receptor: C2294)			
** DISCCART	406037.499303424	3758862.50440957	344.40	1.50
** receptor	=B2336+1 (sensitive receptor: C2295)			
** DISCCART	406037.499303424	3758812.50458689	340.70	1.50
** receptor	=B2337+1 (sensitive receptor: C2296)			
** DISCCART	406037.499303424	3758762.50476421	334.20	1.50
** receptor	=B2338+1 (sensitive receptor: C2297)			
** DISCCART	406037.499303424	3758712.50494153	326.30	1.50
** receptor	=B2339+1 (sensitive receptor: C2298)			
** DISCCART	406037.499303424	3758662.50511885	321.10	1.50
** receptor	=B2340+1 (sensitive receptor: C2299)			
** DISCCART	406087.502103235	3760012.50033123	658.00	1.50
** receptor	=B2341+1 (sensitive receptor: C2300)			

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** DISCCART	406087.502103235	3759812.50104051	501.10	1.50
** receptor	=B2342+1 (sensitive receptor: C2301)			
** DISCCART	406087.502103235	3759762.50121783	493.10	1.50
** receptor	=B2343+1 (sensitive receptor: C2302)			
** DISCCART	406087.502103235	3759712.50139515	497.00	1.50
** receptor	=B2344+1 (sensitive receptor: C2303)			
** DISCCART	406087.502103235	3759662.50157247	483.50	1.50
** receptor	=B2345+1 (sensitive receptor: C2304)			
** DISCCART	406087.502103235	3759612.50174979	489.70	1.50
** receptor	=B2346+1 (sensitive receptor: C2305)			
** DISCCART	406087.502103235	3759562.5019271	472.00	1.50
** receptor	=B2347+1 (sensitive receptor: C2306)			
** DISCCART	406087.502103235	3759512.50210442	465.80	1.50
** receptor	=B2348+1 (sensitive receptor: C2307)			
** DISCCART	406087.502103235	3759462.50228174	455.90	1.50
** receptor	=B2349+1 (sensitive receptor: C2308)			
** DISCCART	406087.502103235	3759412.50245906	426.80	1.50
** receptor	=B2350+1 (sensitive receptor: C2309)			
** DISCCART	406087.502103235	3759362.50263638	420.90	1.50
** receptor	=B2351+1 (sensitive receptor: C2310)			
** DISCCART	406087.502103235	3759312.5028137	418.30	1.50
** receptor	=B2352+1 (sensitive receptor: C2311)			
** DISCCART	406087.502103235	3759262.50299102	401.00	1.50
** receptor	=B2353+1 (sensitive receptor: C2312)			
** DISCCART	406087.502103235	3759212.50316834	394.80	1.50
** receptor	=B2354+1 (sensitive receptor: C2313)			
** DISCCART	406087.502103235	3759162.50334566	390.30	1.50
** receptor	=B2355+1 (sensitive receptor: C2314)			
** DISCCART	406087.502103235	3759112.50352298	383.40	1.50
** receptor	=B2356+1 (sensitive receptor: C2315)			
** DISCCART	406087.502103235	3759062.5037003	377.20	1.50
** receptor	=B2357+1 (sensitive receptor: C2316)			
** DISCCART	406087.502103235	3759012.50387762	373.20	1.50
** receptor	=B2358+1 (sensitive receptor: C2317)			
** DISCCART	406087.502103235	3758962.50405494	365.60	1.50
** receptor	=B2359+1 (sensitive receptor: C2318)			
** DISCCART	406087.502103235	3758912.50423226	358.70	1.50
** receptor	=B2360+1 (sensitive receptor: C2319)			
** DISCCART	406087.502103235	3758862.50440957	352.20	1.50
** receptor	=B2361+1 (sensitive receptor: C2320)			
** DISCCART	406087.502103235	3758812.50458689	344.40	1.50
** receptor	=B2362+1 (sensitive receptor: C2321)			
** DISCCART	406087.502103235	3758762.50476421	337.80	1.50
** receptor	=B2363+1 (sensitive receptor: C2322)			
** DISCCART	406087.502103235	3758712.50494153	331.30	1.50
** receptor	=B2364+1 (sensitive receptor: C2323)			
** DISCCART	406087.502103235	3758662.50511885	324.70	1.50
** receptor	=B2365+1 (sensitive receptor: C2324)			
** DISCCART	406137.496657202	3760012.50033123	577.10	1.50
** receptor	=B2366+1 (sensitive receptor: C2325)			
** DISCCART	406137.496657202	3759812.50104051	485.40	1.50
** receptor	=B2367+1 (sensitive receptor: C2326)			
** DISCCART	406137.496657202	3759762.50121783	485.10	1.50
** receptor	=B2368+1 (sensitive receptor: C2327)			
** DISCCART	406137.496657202	3759712.50139515	484.00	1.50
** receptor	=B2369+1 (sensitive receptor: C2328)			
** DISCCART	406137.496657202	3759662.50157247	477.70	1.50
** receptor	=B2370+1 (sensitive receptor: C2329)			
** DISCCART	406137.496657202	3759612.50174979	469.00	1.50
** receptor	=B2371+1 (sensitive receptor: C2330)			
** DISCCART	406137.496657202	3759562.5019271	461.10	1.50
** receptor	=B2372+1 (sensitive receptor: C2331)			
** DISCCART	406137.496657202	3759512.50210442	436.60	1.50
** receptor	=B2373+1 (sensitive receptor: C2332)			
** DISCCART	406137.496657202	3759462.50228174	426.40	1.50
** receptor	=B2374+1 (sensitive receptor: C2333)			
** DISCCART	406137.496657202	3759412.50245906	433.20	1.50
** receptor	=B2375+1 (sensitive receptor: C2334)			
** DISCCART	406137.496657202	3759362.50263638	436.40	1.50
** receptor	=B2376+1 (sensitive receptor: C2335)			
** DISCCART	406137.496657202	3759312.5028137	436.40	1.50
** receptor	=B2377+1 (sensitive receptor: C2336)			
** DISCCART	406137.496657202	3759262.50299102	417.40	1.50
** receptor	=B2378+1 (sensitive receptor: C2337)			
** DISCCART	406137.496657202	3759212.50316834	404.70	1.50
** receptor	=B2379+1 (sensitive receptor: C2338)			

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** DISCCART	406137.496657202	3759162.50334566	398.10	1.50
** receptor	=B2380+1 (sensitive receptor: C2339)			
** DISCCART	406137.496657202	3759112.50352298	390.30	1.50
** receptor	=B2381+1 (sensitive receptor: C2340)			
** DISCCART	406137.496657202	3759062.5037003	383.40	1.50
** receptor	=B2382+1 (sensitive receptor: C2341)			
** DISCCART	406137.496657202	3759012.50387762	380.50	1.50
** receptor	=B2383+1 (sensitive receptor: C2342)			
** DISCCART	406137.496657202	3758962.50405494	373.50	1.50
** receptor	=B2384+1 (sensitive receptor: C2343)			
** DISCCART	406137.496657202	3758912.50423226	365.30	1.50
** receptor	=B2385+1 (sensitive receptor: C2344)			
** DISCCART	406137.496657202	3758862.50440957	357.50	1.50
** receptor	=B2386+1 (sensitive receptor: C2345)			
** DISCCART	406137.496657202	3758812.50458689	349.20	1.50
** receptor	=B2387+1 (sensitive receptor: C2346)			
** DISCCART	406137.496657202	3758762.50476421	342.30	1.50
** receptor	=B2388+1 (sensitive receptor: C2347)			
** DISCCART	406137.496657202	3758712.50494153	334.60	1.50
** receptor	=B2389+1 (sensitive receptor: C2348)			
** DISCCART	406137.496657202	3758662.50511885	329.20	1.50
** receptor	=B2390+1 (sensitive receptor: C2349)			
** DISCCART	406187.499457013	3759412.50245906	481.00	1.50
** receptor	=B2391+1 (sensitive receptor: C2350)			
** DISCCART	406187.499457013	3759362.50263638	463.30	1.50
** receptor	=B2392+1 (sensitive receptor: C2351)			
** DISCCART	406187.499457013	3759312.5028137	455.10	1.50
** receptor	=B2393+1 (sensitive receptor: C2352)			
** DISCCART	406187.499457013	3759262.50299102	427.60	1.50
** receptor	=B2394+1 (sensitive receptor: C2353)			
** DISCCART	406187.499457013	3759212.50316834	412.90	1.50
** receptor	=B2395+1 (sensitive receptor: C2354)			
** DISCCART	406187.499457013	3759162.50334566	403.40	1.50
** receptor	=B2396+1 (sensitive receptor: C2355)			
** DISCCART	406187.499457013	3759112.50352298	396.50	1.50
** receptor	=B2397+1 (sensitive receptor: C2356)			
** DISCCART	406187.499457013	3759062.5037003	389.90	1.50
** receptor	=B2398+1 (sensitive receptor: C2357)			
** DISCCART	406187.499457013	3759012.50387762	385.00	1.50
** receptor	=B2399+1 (sensitive receptor: C2358)			
** DISCCART	406187.499457013	3758962.50405494	380.10	1.50
** receptor	=B2400+1 (sensitive receptor: C2359)			
** DISCCART	406187.499457013	3758912.50423226	368.90	1.50
** receptor	=B2401+1 (sensitive receptor: C2360)			
** DISCCART	406187.499457013	3758862.50440957	362.40	1.50
** receptor	=B2402+1 (sensitive receptor: C2361)			
** DISCCART	406187.499457013	3758812.50458689	354.20	1.50
** receptor	=B2403+1 (sensitive receptor: C2362)			
** DISCCART	406187.499457013	3758762.50476421	344.40	1.50
** receptor	=B2404+1 (sensitive receptor: C2363)			
** DISCCART	406187.499457013	3758712.50494153	337.50	1.50
** receptor	=B2405+1 (sensitive receptor: C2364)			
** DISCCART	406187.499457013	3758662.50511885	334.20	1.50
** receptor	=B2406+1 (sensitive receptor: C2365)			
** DISCCART	406237.502256824	3759412.50245906	492.80	1.50
** receptor	=B2407+1 (sensitive receptor: C2366)			
** DISCCART	406237.502256824	3759362.50263638	472.90	1.50
** receptor	=B2408+1 (sensitive receptor: C2367)			
** DISCCART	406237.502256824	3759312.5028137	453.00	1.50
** receptor	=B2409+1 (sensitive receptor: C2368)			
** DISCCART	406237.502256824	3759262.50299102	437.40	1.50
** receptor	=B2410+1 (sensitive receptor: C2369)			
** DISCCART	406237.502256824	3759212.50316834	417.80	1.50
** receptor	=B2411+1 (sensitive receptor: C2370)			
** DISCCART	406237.502256824	3759162.50334566	408.30	1.50
** receptor	=B2412+1 (sensitive receptor: C2371)			
** DISCCART	406237.502256824	3759112.50352298	403.10	1.50
** receptor	=B2413+1 (sensitive receptor: C2372)			
** DISCCART	406237.502256824	3759062.5037003	394.80	1.50
** receptor	=B2414+1 (sensitive receptor: C2373)			
** DISCCART	406237.502256824	3759012.50387762	387.00	1.50
** receptor	=B2415+1 (sensitive receptor: C2374)			
** DISCCART	406237.502256824	3758962.50405494	380.50	1.50
** receptor	=B2416+1 (sensitive receptor: C2375)			
** DISCCART	406237.502256824	3758912.50423226	372.20	1.50
** receptor	=B2417+1 (sensitive receptor: C2376)			

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** receptor	DISCCART	406237.502256824	3758862.50440957	364.10	1.50
	=B2418+1 (sensitive receptor: C2377)				
** receptor	DISCCART	406237.502256824	3758812.50458689	355.80	1.50
	=B2419+1 (sensitive receptor: C2378)				
** receptor	DISCCART	406237.502256824	3758762.50476421	346.00	1.50
	=B2420+1 (sensitive receptor: C2379)				
** receptor	DISCCART	406237.502256824	3758712.50494153	341.10	1.50
	=B2421+1 (sensitive receptor: C2380)				
** receptor	DISCCART	406237.502256824	3758662.50511885	337.50	1.50
	=B2422+1 (sensitive receptor: C2381)				
** receptor	DISCCART	406287.496810791	3759412.50245906	504.70	1.50
	=B2423+1 (sensitive receptor: C2382)				
** receptor	DISCCART	406287.496810791	3759362.50263638	481.30	1.50
	=B2424+1 (sensitive receptor: C2383)				
** receptor	DISCCART	406287.496810791	3759312.5028137	455.50	1.50
	=B2425+1 (sensitive receptor: C2384)				
** receptor	DISCCART	406287.496810791	3759262.50299102	441.10	1.50
	=B2426+1 (sensitive receptor: C2385)				
** receptor	DISCCART	406287.496810791	3759212.50316834	424.70	1.50
	=B2427+1 (sensitive receptor: C2386)				
** receptor	DISCCART	406287.496810791	3759162.50334566	413.30	1.50
	=B2428+1 (sensitive receptor: C2387)				
** receptor	DISCCART	406287.496810791	3759112.50352298	403.40	1.50
	=B2429+1 (sensitive receptor: C2388)				
** receptor	DISCCART	406287.496810791	3759062.5037003	396.90	1.50
	=B2430+1 (sensitive receptor: C2389)				
** receptor	DISCCART	406287.496810791	3759012.50387762	388.30	1.50
	=B2431+1 (sensitive receptor: C2390)				
** receptor	DISCCART	406287.496810791	3758962.50405494	380.50	1.50
	=B2432+1 (sensitive receptor: C2391)				
** receptor	DISCCART	406287.496810791	3758912.50423226	372.20	1.50
	=B2433+1 (sensitive receptor: C2392)				
** receptor	DISCCART	406287.496810791	3758862.50440957	363.70	1.50
	=B2434+1 (sensitive receptor: C2393)				
** receptor	DISCCART	406287.496810791	3758812.50458689	355.80	1.50
	=B2435+1 (sensitive receptor: C2394)				
** receptor	DISCCART	406287.496810791	3758762.50476421	349.20	1.50
	=B2436+1 (sensitive receptor: C2395)				
** receptor	DISCCART	406287.496810791	3758712.50494153	344.40	1.50
	=B2437+1 (sensitive receptor: C2396)				
** receptor	DISCCART	406287.496810791	3758662.50511885	341.10	1.50
	=B2438+1 (sensitive receptor: C2397)				
** receptor	DISCCART	406337.499610602	3759412.50245906	504.10	1.50
	=B2439+1 (sensitive receptor: C2398)				
** receptor	DISCCART	406337.499610602	3759362.50263638	490.60	1.50
	=B2440+1 (sensitive receptor: C2399)				
** receptor	DISCCART	406337.499610602	3759312.5028137	462.40	1.50
	=B2441+1 (sensitive receptor: C2400)				
** receptor	DISCCART	406337.499610602	3759262.50299102	444.40	1.50
	=B2442+1 (sensitive receptor: C2401)				
** receptor	DISCCART	406337.499610602	3759212.50316834	428.00	1.50
	=B2443+1 (sensitive receptor: C2402)				
** receptor	DISCCART	406337.499610602	3759162.50334566	417.80	1.50
	=B2444+1 (sensitive receptor: C2403)				
** receptor	DISCCART	406337.499610602	3759112.50352298	405.00	1.50
	=B2445+1 (sensitive receptor: C2404)				
** receptor	DISCCART	406337.499610602	3759062.5037003	396.90	1.50
	=B2446+1 (sensitive receptor: C2405)				
** receptor	DISCCART	406337.499610602	3759012.50387762	388.60	1.50
	=B2447+1 (sensitive receptor: C2406)				
** receptor	DISCCART	406337.499610602	3758962.50405494	378.80	1.50
	=B2448+1 (sensitive receptor: C2407)				
** receptor	DISCCART	406337.499610602	3758912.50423226	370.60	1.50
	=B2449+1 (sensitive receptor: C2408)				
** receptor	DISCCART	406337.499610602	3758862.50440957	362.70	1.50
	=B2450+1 (sensitive receptor: C2409)				
** receptor	DISCCART	406337.499610602	3758812.50458689	357.50	1.50
	=B2451+1 (sensitive receptor: C2410)				
** receptor	DISCCART	406337.499610602	3758762.50476421	351.00	1.50
	=B2452+1 (sensitive receptor: C2411)				
** receptor	DISCCART	406337.499610602	3758712.50494153	347.70	1.50
	=B2453+1 (sensitive receptor: C2412)				
** receptor	DISCCART	406337.499610602	3758662.50511885	347.00	1.50
	=B2454+1 (sensitive receptor: C2413)				
** receptor	DISCCART	406387.502410414	3759362.50263638	465.50	1.50
	=B2455+1 (sensitive receptor: C2414)				

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** DISCCART	406387.502410414	3759312.5028137	454.90	1.50
** receptor	=B2456+1 (sensitive receptor: C2415)			
** DISCCART	406387.502410414	3759262.50299102	440.70	1.50
** receptor	=B2457+1 (sensitive receptor: C2416)			
** DISCCART	406387.502410414	3759212.50316834	431.20	1.50
** receptor	=B2458+1 (sensitive receptor: C2417)			
** DISCCART	406387.502410414	3759162.50334566	418.10	1.50
** receptor	=B2459+1 (sensitive receptor: C2418)			
** DISCCART	406387.502410414	3759112.50352298	408.30	1.50
** receptor	=B2460+1 (sensitive receptor: C2419)			
** DISCCART	406387.502410414	3759062.5037003	400.20	1.50
** receptor	=B2461+1 (sensitive receptor: C2420)			
** DISCCART	406387.502410414	3759012.50387762	390.30	1.50
** receptor	=B2462+1 (sensitive receptor: C2421)			
** DISCCART	406387.502410414	3758962.50405494	381.70	1.50
** receptor	=B2463+1 (sensitive receptor: C2422)			
** DISCCART	406387.502410414	3758912.50423226	372.20	1.50
** receptor	=B2464+1 (sensitive receptor: C2423)			
** DISCCART	406387.502410414	3758862.50440957	359.10	1.50
** receptor	=B2465+1 (sensitive receptor: C2424)			
** DISCCART	406387.502410414	3758812.50458689	354.20	1.50
** receptor	=B2466+1 (sensitive receptor: C2425)			
** DISCCART	406387.502410414	3758762.50476421	354.20	1.50
** receptor	=B2467+1 (sensitive receptor: C2426)			
** DISCCART	406387.502410414	3758712.50494153	354.20	1.50
** receptor	=B2468+1 (sensitive receptor: C2427)			
** DISCCART	406387.502410414	3758662.50511885	353.50	1.50
** receptor	=B2469+1 (sensitive receptor: C2428)			
** DISCCART	406437.496964381	3759312.5028137	450.90	1.50
** receptor	=B2470+1 (sensitive receptor: C2429)			
** DISCCART	406437.496964381	3759262.50299102	443.10	1.50
** receptor	=B2471+1 (sensitive receptor: C2430)			
** DISCCART	406437.496964381	3759212.50316834	432.80	1.50
** receptor	=B2472+1 (sensitive receptor: C2431)			
** DISCCART	406437.496964381	3759162.50334566	418.10	1.50
** receptor	=B2473+1 (sensitive receptor: C2432)			
** DISCCART	406437.496964381	3759112.50352298	408.30	1.50
** receptor	=B2474+1 (sensitive receptor: C2433)			
** DISCCART	406437.496964381	3759062.5037003	398.40	1.50
** receptor	=B2475+1 (sensitive receptor: C2434)			
** DISCCART	406437.496964381	3759012.50387762	391.90	1.50
** receptor	=B2476+1 (sensitive receptor: C2435)			
** DISCCART	406437.496964381	3758962.50405494	383.80	1.50
** receptor	=B2477+1 (sensitive receptor: C2436)			
** DISCCART	406437.496964381	3758912.50423226	374.80	1.50
** receptor	=B2478+1 (sensitive receptor: C2437)			
** DISCCART	406437.496964381	3758862.50440957	358.70	1.50
** receptor	=B2479+1 (sensitive receptor: C2438)			
** DISCCART	406437.496964381	3758812.50458689	357.50	1.50
** receptor	=B2480+1 (sensitive receptor: C2439)			
** DISCCART	406437.496964381	3758762.50476421	357.50	1.50
** receptor	=B2481+1 (sensitive receptor: C2440)			
** DISCCART	406437.496964381	3758712.50494153	358.90	1.50
** receptor	=B2482+1 (sensitive receptor: C2441)			
** DISCCART	406437.496964381	3758662.50511885	357.50	1.50
** receptor	=B2483+1 (sensitive receptor: C2442)			
** DISCCART	406487.499764192	3759312.5028137	453.90	1.50
** receptor	=B2484+1 (sensitive receptor: C2443)			
** DISCCART	406487.499764192	3759262.50299102	444.40	1.50
** receptor	=B2485+1 (sensitive receptor: C2444)			
** DISCCART	406487.499764192	3759212.50316834	431.20	1.50
** receptor	=B2486+1 (sensitive receptor: C2445)			
** DISCCART	406487.499764192	3759162.50334566	416.90	1.50
** receptor	=B2487+1 (sensitive receptor: C2446)			
** DISCCART	406487.499764192	3759112.50352298	408.30	1.50
** receptor	=B2488+1 (sensitive receptor: C2447)			
** DISCCART	406487.499764192	3759062.5037003	399.80	1.50
** receptor	=B2489+1 (sensitive receptor: C2448)			
** DISCCART	406487.499764192	3759012.50387762	393.20	1.50
** receptor	=B2490+1 (sensitive receptor: C2449)			
** DISCCART	406487.499764192	3758962.50405494	385.30	1.50
** receptor	=B2491+1 (sensitive receptor: C2450)			
** DISCCART	406487.499764192	3758912.50423226	378.80	1.50
** receptor	=B2492+1 (sensitive receptor: C2451)			
** DISCCART	406487.499764192	3758862.50440957	367.00	1.50
** receptor	=B2493+1 (sensitive receptor: C2452)			

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** DISCCART	406487.499764192	3758812.50458689	365.00	1.50
** receptor	=B2494+1 (sensitive receptor: C2453)			
** DISCCART	406487.499764192	3758762.50476421	367.40	1.50
** receptor	=B2495+1 (sensitive receptor: C2454)			
** DISCCART	406487.499764192	3758712.50494153	367.40	1.50
** receptor	=B2496+1 (sensitive receptor: C2455)			
** DISCCART	406487.499764192	3758662.50511885	364.10	1.50
** receptor	=B2497+1 (sensitive receptor: C2456)			
** DISCCART	406537.502564003	3759262.50299102	447.60	1.50
** receptor	=B2498+1 (sensitive receptor: C2457)			
** DISCCART	406537.502564003	3759212.50316834	434.50	1.50
** receptor	=B2499+1 (sensitive receptor: C2458)			
** DISCCART	406537.502564003	3759162.50334566	421.40	1.50
** receptor	=B2500+1 (sensitive receptor: C2459)			
** DISCCART	406537.502564003	3759112.50352298	412.90	1.50
** receptor	=B2501+1 (sensitive receptor: C2460)			
** DISCCART	406537.502564003	3759062.5037003	403.40	1.50
** receptor	=B2502+1 (sensitive receptor: C2461)			
** DISCCART	406537.502564003	3759012.50387762	396.50	1.50
** receptor	=B2503+1 (sensitive receptor: C2462)			
** DISCCART	406537.502564003	3758962.50405494	383.80	1.50
** receptor	=B2504+1 (sensitive receptor: C2463)			
** DISCCART	406537.502564003	3758912.50423226	377.20	1.50
** receptor	=B2505+1 (sensitive receptor: C2464)			
** DISCCART	406537.502564003	3758862.50440957	378.50	1.50
** receptor	=B2506+1 (sensitive receptor: C2465)			
** DISCCART	406537.502564003	3758812.50458689	380.10	1.50
** receptor	=B2507+1 (sensitive receptor: C2466)			
** DISCCART	406537.502564003	3758762.50476421	377.20	1.50
** receptor	=B2508+1 (sensitive receptor: C2467)			
** DISCCART	406537.502564003	3758712.50494153	373.90	1.50
** receptor	=B2509+1 (sensitive receptor: C2468)			
** DISCCART	406537.502564003	3758662.50511885	370.30	1.50
** receptor	=B2510+1 (sensitive receptor: C2469)			
** DISCCART	406587.49711797	3759212.50316834	442.40	1.50
** receptor	=B2511+1 (sensitive receptor: C2470)			
** DISCCART	406587.49711797	3759162.50334566	430.50	1.50
** receptor	=B2512+1 (sensitive receptor: C2471)			
** DISCCART	406587.49711797	3759112.50352298	417.80	1.50
** receptor	=B2513+1 (sensitive receptor: C2472)			
** DISCCART	406587.49711797	3759062.5037003	408.30	1.50
** receptor	=B2514+1 (sensitive receptor: C2473)			
** DISCCART	406587.49711797	3759012.50387762	398.40	1.50
** receptor	=B2515+1 (sensitive receptor: C2474)			
** DISCCART	406587.49711797	3758962.50405494	389.90	1.50
** receptor	=B2516+1 (sensitive receptor: C2475)			
** DISCCART	406587.49711797	3758912.50423226	389.60	1.50
** receptor	=B2517+1 (sensitive receptor: C2476)			
** DISCCART	406587.49711797	3758862.50440957	391.50	1.50
** receptor	=B2518+1 (sensitive receptor: C2477)			
** DISCCART	406587.49711797	3758812.50458689	387.00	1.50
** receptor	=B2519+1 (sensitive receptor: C2478)			
** DISCCART	406587.49711797	3758762.50476421	383.40	1.50
** receptor	=B2520+1 (sensitive receptor: C2479)			
** DISCCART	406587.49711797	3758712.50494153	380.10	1.50
** receptor	=B2521+1 (sensitive receptor: C2480)			
** DISCCART	406587.49711797	3758662.50511885	375.10	1.50
** receptor	=B2522+1 (sensitive receptor: C2481)			
** DISCCART	406587.49711797	3758612.50529617	367.40	1.50
** receptor	=B2523+1 (sensitive receptor: C2482)			
** DISCCART	406637.499917781	3759212.50316834	450.60	1.50
** receptor	=B2524+1 (sensitive receptor: C2483)			
** DISCCART	406637.499917781	3759162.50334566	437.80	1.50
** receptor	=B2525+1 (sensitive receptor: C2484)			
** DISCCART	406637.499917781	3759112.50352298	424.70	1.50
** receptor	=B2526+1 (sensitive receptor: C2485)			
** DISCCART	406637.499917781	3759062.5037003	414.80	1.50
** receptor	=B2527+1 (sensitive receptor: C2486)			
** DISCCART	406637.499917781	3759012.50387762	399.80	1.50
** receptor	=B2528+1 (sensitive receptor: C2487)			
** DISCCART	406637.499917781	3758962.50405494	403.10	1.50
** receptor	=B2529+1 (sensitive receptor: C2488)			
** DISCCART	406637.499917781	3758912.50423226	402.70	1.50
** receptor	=B2530+1 (sensitive receptor: C2489)			
** DISCCART	406637.499917781	3758862.50440957	399.80	1.50
** receptor	=B2531+1 (sensitive receptor: C2490)			

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** DISCCART	406637.499917781	3758812.50458689	393.60	1.50
** receptor	=B2532+1 (sensitive receptor: C2491)			
** DISCCART	406637.499917781	3758762.50476421	387.00	1.50
** receptor	=B2533+1 (sensitive receptor: C2492)			
** DISCCART	406637.499917781	3758712.50494153	383.40	1.50
** receptor	=B2534+1 (sensitive receptor: C2493)			
** DISCCART	406637.499917781	3758662.50511885	372.60	1.50
** receptor	=B2535+1 (sensitive receptor: C2494)			
** DISCCART	406687.502717592	3759162.50334566	438.20	1.50
** receptor	=B2536+1 (sensitive receptor: C2495)			
** DISCCART	406687.502717592	3759112.50352298	419.80	1.50
** receptor	=B2537+1 (sensitive receptor: C2496)			
** DISCCART	406687.502717592	3759062.5037003	422.40	1.50
** receptor	=B2538+1 (sensitive receptor: C2497)			
** DISCCART	406687.502717592	3759012.50387762	417.60	1.50
** receptor	=B2539+1 (sensitive receptor: C2498)			
** DISCCART	406687.502717592	3758962.50405494	415.80	1.50
** receptor	=B2540+1 (sensitive receptor: C2499)			
** DISCCART	406687.502717592	3758912.50423226	411.60	1.50
** receptor	=B2541+1 (sensitive receptor: C2500)			
** DISCCART	406687.502717592	3758862.50440957	403.40	1.50
** receptor	=B2542+1 (sensitive receptor: C2501)			
** DISCCART	406687.502717592	3758762.50476421	387.00	1.50
** receptor	=B2543+1 (sensitive receptor: C2502)			
** DISCCART	406737.497271559	3759112.50352298	438.80	1.50
** receptor	=B2544+1 (sensitive receptor: C2503)			
** DISCCART	406737.497271559	3759062.5037003	447.90	1.50
** receptor	=B2545+1 (sensitive receptor: C2504)			
** DISCCART	406737.497271559	3759012.50387762	433.80	1.50
** receptor	=B2546+1 (sensitive receptor: C2505)			
** DISCCART	406737.497271559	3758962.50405494	424.70	1.50
** receptor	=B2547+1 (sensitive receptor: C2506)			
** DISCCART	406737.497271559	3758912.50423226	411.60	1.50
** receptor	=B2548+1 (sensitive receptor: C2507)			
** DISCCART	406737.497271559	3758662.50511885	386.30	1.50
** receptor	=B2549+1 (sensitive receptor: C2508)			
** DISCCART	406737.497271559	3758612.50529617	380.50	1.50
** receptor	=B2550+1 (sensitive receptor: C2509)			
** DISCCART	406787.50007137	3759012.50387762	442.30	1.50
** receptor	=B2551+1 (sensitive receptor: C2510)			
** DISCCART	406787.50007137	3758962.50405494	424.70	1.50
** receptor	=B2552+1 (sensitive receptor: C2511)			
** DISCCART	406787.50007137	3758712.50494153	395.80	1.50
** receptor	=B2553+1 (sensitive receptor: C2512)			
** DISCCART	406787.50007137	3758662.50511885	391.50	1.50
** receptor	=B2554+1 (sensitive receptor: C2513)			
** DISCCART	406787.50007137	3758612.50529617	379.80	1.50
** receptor	=B2555+1 (sensitive receptor: C2514)			
** DISCCART	406837.502871182	3758712.50494153	403.40	1.50
** receptor	=B2556+1 (sensitive receptor: C2515)			
** DISCCART	406837.502871182	3758662.50511885	395.20	1.50
** receptor	=B2557+1 (sensitive receptor: C2516)			
** DISCCART	406837.502871182	3758612.50529617	382.40	1.50
** receptor	=B2558+1 (sensitive receptor: C2517)			
** DISCCART	406887.497425149	3758762.50476421	411.20	1.50
** receptor	=B2559+1 (sensitive receptor: C2518)			
** DISCCART	406887.497425149	3758712.50494153	401.70	1.50
** receptor	=B2560+1 (sensitive receptor: C2519)			
** DISCCART	406887.497425149	3758662.50511885	391.90	1.50
** receptor	=B2561+1 (sensitive receptor: C2520)			
** DISCCART	406887.497425149	3758612.50529617	369.50	1.50
** receptor	=B2562+1 (sensitive receptor: C2521)			
** DISCCART	406937.50022496	3758762.50476421	411.60	1.50
** receptor	=B2563+1 (sensitive receptor: C2522)			
** DISCCART	406937.50022496	3758712.50494153	398.40	1.50
** receptor	=B2564+1 (sensitive receptor: C2523)			
** DISCCART	406937.50022496	3758662.50511885	385.70	1.50
** receptor	=B2565+1 (sensitive receptor: C2524)			
** DISCCART	406937.50022496	3758612.50529617	378.50	1.50
** receptor	=B2566+1 (sensitive receptor: C2525)			
** DISCCART	406987.503024771	3758712.50494153	399.80	1.50
** receptor	=B2567+1 (sensitive receptor: C2526)			
** DISCCART	406987.503024771	3758662.50511885	382.00	1.50
** receptor	=B2568+1 (sensitive receptor: C2527)			
** DISCCART	406987.503024771	3758612.50529617	381.80	1.50
** receptor	=B2569+1 (sensitive receptor: C2528)			

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** DISCCART	407037.497578738	3758712.50494153	398.40	1.50
** receptor	=B2570+1 (sensitive receptor: C2529)			
** DISCCART	407037.497578738	3758662.50511885	377.50	1.50
** receptor	=B2571+1 (sensitive receptor: C2530)			
** DISCCART	407037.497578738	3758612.50529617	391.30	1.50
** receptor	=B2572+1 (sensitive receptor: C2531)			
** DISCCART	407087.500378549	3758662.50511885	382.80	1.50
** receptor	=B2573+1 (sensitive receptor: C2532)			
** DISCCART	407087.500378549	3758612.50529617	403.10	1.50
** receptor	=B2574+1 (sensitive receptor: C2533)			
** DISCCART	407137.50317836	3758662.50511885	404.40	1.50
** receptor	=B2575+1 (sensitive receptor: C2534)			
** DISCCART	407137.50317836	3758612.50529617	412.60	1.50
** receptor	=B2576+1 (sensitive receptor: C2535)			
** DISCCART	407187.497732327	3758662.50511885	426.00	1.50
** receptor	=B2577+1 (sensitive receptor: C2536)			
** DISCCART	407187.497732327	3758612.50529617	427.60	1.50
** receptor	=B2578+1 (sensitive receptor: C2537)			
** DISCCART	407237.500532139	3758662.50511885	442.10	1.50
** receptor	=B2579+1 (sensitive receptor: C2538)			
** DISCCART	407237.500532139	3758612.50529617	441.20	1.50
** receptor	=B2580+1 (sensitive receptor: C2539)			
** DISCCART	407287.50333195	3758662.50511885	458.50	1.50
** receptor	=B2581+1 (sensitive receptor: C2540)			
** DISCCART	407287.50333195	3758612.50529617	458.50	1.50
** receptor	=B2582+1 (sensitive receptor: C2541)			
** DISCCART	407337.497885917	3758662.50511885	474.90	1.50
** receptor	=B2583+1 (sensitive receptor: C2542)			
** DISCCART	407337.497885917	3758612.50529617	471.60	1.50
** receptor	=B2584+1 (sensitive receptor: C2543)			
** DISCCART	407387.500685728	3758662.50511885	491.30	1.50
** receptor	=B2585+1 (sensitive receptor: C2544)			
** DISCCART	407387.500685728	3758612.50529617	490.60	1.50
** receptor	=B2586+1 (sensitive receptor: C2545)			
** DISCCART	407437.495239695	3758662.50511885	504.40	1.50
** receptor	=B2587+1 (sensitive receptor: C2546)			
** DISCCART	407437.495239695	3758612.50529617	506.50	1.50
** receptor	=B2588+1 (sensitive receptor: C2547)			
** DISCCART	407487.498039506	3758662.50511885	500.10	1.50
** receptor	=B2589+1 (sensitive receptor: C2548)			
** DISCCART	407487.498039506	3758612.50529617	490.50	1.50
** receptor	=B2590+1 (sensitive receptor: C2549)			
** DISCCART	407537.500839317	3758662.50511885	0.00	1.50
** receptor	=B2591+1 (sensitive receptor: C2550)			
** DISCCART	407537.500839317	3758612.50529617	0.00	1.50
** receptor	=B2592+1 (sensitive receptor: C2551)			
** DISCCART	407587.495393284	3758662.50511885	0.00	1.50
** receptor	=B2593+1 (sensitive receptor: C2552)			
** DISCCART	407587.495393284	3758612.50529617	0.00	1.50
** receptor	=B2594+1 (sensitive receptor: C2553)			
** DISCCART	407637.498193095	3758612.50529617	0.00	1.50
** receptor	=B2595+1 (sensitive receptor: C2554)			
** DISCCART	407687.500992907	3758612.50529617	0.00	1.50
** receptor	=B2596+1 (sensitive receptor: C2555)			
** DISCCART	407737.495546874	3758612.50529617	0.00	1.50
** receptor	=B2597+1 (sensitive receptor: C2556)			
** DISCCART	407787.498346685	3758612.50529617	0.00	1.50
** receptor	=B2598+1 (sensitive receptor: C2557)			
** DISCCART	407837.501146496	3758612.50529617	0.00	1.50
** receptor	=B2599+1 (sensitive receptor: C2558)			
** DISCCART	407887.503946307	3758612.50529617	0.00	1.50
** receptor	=B2600+1 (sensitive receptor: C2559)			
** DISCCART	407937.498500274	3758612.50529617	0.00	1.50
** receptor	=B2601+1 (sensitive receptor: C2560)			
** DISCCART	407987.501300085	3758612.50529617	0.00	1.50
** receptor	=B2602+1 (sensitive receptor: C2561)			
** DISCCART	408037.495854052	3758612.50529617	0.00	1.50
** receptor	=B2603+1 (sensitive receptor: C2562)			
** DISCCART	408087.498653864	3758612.50529617	0.00	1.50
** receptor	=B2604+1 (sensitive receptor: C2563)			
** DISCCART	405987.496503612	3758612.50529617	311.60	1.50
** receptor	=B2605+1 (sensitive receptor: C2564)			
** DISCCART	406037.499303424	3758612.50529617	316.10	1.50
** receptor	=B2606+1 (sensitive receptor: C2565)			
** DISCCART	406087.502103235	3758612.50529617	319.70	1.50
** receptor	=B2607+1 (sensitive receptor: C2566)			

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** DISCCART	406137.496657202	3758612.50529617	322.70	1.50
** receptor	=B2608+1 (sensitive receptor: C2567)			
** DISCCART	406187.499457013	3758612.50529617	329.20	1.50
** receptor	=B2609+1 (sensitive receptor: C2568)			
** DISCCART	406237.502256824	3758612.50529617	334.60	1.50
** receptor	=B2610+1 (sensitive receptor: C2569)			
** DISCCART	406287.496810791	3758612.50529617	340.40	1.50
** receptor	=B2611+1 (sensitive receptor: C2570)			
** DISCCART	406337.499610602	3758612.50529617	344.40	1.50
** receptor	=B2612+1 (sensitive receptor: C2571)			
** DISCCART	406387.502410414	3758612.50529617	350.60	1.50
** receptor	=B2613+1 (sensitive receptor: C2572)			
** DISCCART	406437.496964381	3758612.50529617	356.80	1.50
** receptor	=B2614+1 (sensitive receptor: C2573)			
** DISCCART	406487.499764192	3758612.50529617	360.80	1.50
** receptor	=B2615+1 (sensitive receptor: C2574)			
** DISCCART	406512.501164097	3758562.50547349	358.00	1.50
** receptor	=B2616+1 (sensitive receptor: C2575)			
** DISCCART	406537.502564003	3758612.50529617	365.30	1.50
** receptor	=B2617+1 (sensitive receptor: C2576)			
** DISCCART	406562.495718064	3758562.50547349	360.80	1.50
** receptor	=B2618+1 (sensitive receptor: C2577)			
** DISCCART	406612.498517875	3758562.50547349	363.60	1.50
** receptor	=B2619+1 (sensitive receptor: C2578)			
** DISCCART	406662.501317687	3758562.50547349	360.80	1.50
** receptor	=B2620+1 (sensitive receptor: C2579)			
** DISCCART	406712.495871654	3758562.50547349	367.40	1.50
** receptor	=B2621+1 (sensitive receptor: C2580)			
** DISCCART	406762.498671465	3758562.50547349	367.30	1.50
** receptor	=B2622+1 (sensitive receptor: C2581)			
** DISCCART	406812.501471276	3758562.50547349	363.10	1.50
** receptor	=B2623+1 (sensitive receptor: C2582)			
** DISCCART	406862.496025243	3758562.50547349	360.20	1.50
** receptor	=B2624+1 (sensitive receptor: C2583)			
** DISCCART	406912.498825054	3758562.50547349	380.90	1.50
** receptor	=B2625+1 (sensitive receptor: C2584)			
** DISCCART	406962.501624865	3758562.50547349	387.50	1.50
** receptor	=B2626+1 (sensitive receptor: C2585)			
** DISCCART	407012.504424677	3758562.50547349	395.80	1.50
** receptor	=B2627+1 (sensitive receptor: C2586)			
** DISCCART	407062.498978644	3758562.50547349	402.20	1.50
** receptor	=B2628+1 (sensitive receptor: C2587)			
** DISCCART	407112.501778455	3758562.50547349	413.80	1.50
** receptor	=B2629+1 (sensitive receptor: C2588)			
** DISCCART	407162.496332422	3758562.50547349	417.00	1.50
** receptor	=B2630+1 (sensitive receptor: C2589)			
** DISCCART	407212.499132233	3758562.50547349	456.10	1.50
** receptor	=B2631+1 (sensitive receptor: C2590)			
** DISCCART	407262.501932044	3758562.50547349	458.60	1.50
** receptor	=B2632+1 (sensitive receptor: C2591)			
** DISCCART	407312.496486011	3758562.50547349	466.00	1.50
** receptor	=B2633+1 (sensitive receptor: C2592)			
** DISCCART	407362.499285822	3758562.50547349	479.80	1.50
** receptor	=B2634+1 (sensitive receptor: C2593)			
** DISCCART	407412.502085634	3758562.50547349	499.00	1.50
** receptor	=B2635+1 (sensitive receptor: C2594)			
** DISCCART	407462.4966396	3758562.50547349	515.80	1.50
** receptor	=B2636+1 (sensitive receptor: C2595)			
** DISCCART	407512.499439412	3758562.50547349	483.20	1.50
** receptor	=B2637+1 (sensitive receptor: C2596)			
** DISCCART	407562.502239223	3758562.50547349	0.00	1.50
** receptor	=B2638+1 (sensitive receptor: C2597)			
** DISCCART	407612.49679319	3758562.50547349	0.00	1.50
** receptor	=B2639+1 (sensitive receptor: C2598)			
** DISCCART	407662.499593001	3758562.50547349	0.00	1.50
** receptor	=B2640+1 (sensitive receptor: C2599)			
** DISCCART	407712.502392812	3758562.50547349	0.00	1.50
** receptor	=B2641+1 (sensitive receptor: C2600)			
** DISCCART	407762.496946779	3758562.50547349	0.00	1.50
** receptor	=B2642+1 (sensitive receptor: C2601)			
** DISCCART	407812.49974659	3758562.50547349	0.00	1.50
** receptor	=B2643+1 (sensitive receptor: C2602)			
** DISCCART	407862.502546402	3758562.50547349	0.00	1.50
** receptor	=B2644+1 (sensitive receptor: C2603)			
** DISCCART	407912.497100369	3758562.50547349	0.00	1.50
** receptor	=B2645+1 (sensitive receptor: C2604)			

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DISCCART	407962.49990018	3758562.50547349	0.00	1.50
** receptor	=B2646+1 (sensitive receptor: C2605)			
DISCCART	408012.502699991	3758562.50547349	0.00	1.50
** receptor	=B2647+1 (sensitive receptor: C2606)			
DISCCART	408062.497253958	3758562.50547349	0.00	1.50
** receptor	=B2648+1 (sensitive receptor: C2607)			
DISCCART	408112.500053769	3758562.50547349	0.00	1.50
** receptor	=B2649+1 (sensitive receptor: C2608)			
DISCCART	405987.496503612	3759987.50541887	748.50	1.50
** receptor	=B2650+1 (sensitive receptor: C2609)			
DISCCART	405987.496503612	3759937.50559619	717.10	1.50
** receptor	=B2651+1 (sensitive receptor: C2610)			
DISCCART	405987.496503612	3759887.50577351	696.60	1.50
** receptor	=B2652+1 (sensitive receptor: C2611)			
DISCCART	405987.496503612	3759837.50595083	649.30	1.50
** receptor	=B2653+1 (sensitive receptor: C2612)			
DISCCART	405987.496503612	3759787.50612815	627.20	1.50
** receptor	=B2654+1 (sensitive receptor: C2613)			
DISCCART	405987.496503612	3759737.50630547	624.90	1.50
** receptor	=B2655+1 (sensitive receptor: C2614)			
DISCCART	405987.496503612	3759687.50648279	554.20	1.50
** receptor	=B2656+1 (sensitive receptor: C2615)			
DISCCART	405987.496503612	3759637.50666011	537.10	1.50
** receptor	=B2657+1 (sensitive receptor: C2616)			
DISCCART	405987.496503612	3759587.50683743	524.10	1.50
** receptor	=B2658+1 (sensitive receptor: C2617)			
DISCCART	405987.496503612	3759537.50701475	530.70	1.50
** receptor	=B2659+1 (sensitive receptor: C2618)			
DISCCART	405987.496503612	3759487.50719207	531.40	1.50
** receptor	=B2660+1 (sensitive receptor: C2619)			
DISCCART	405987.496503612	3759437.50736939	520.60	1.50
** receptor	=B2661+1 (sensitive receptor: C2620)			
DISCCART	405987.496503612	3759387.49754874	488.50	1.50
** receptor	=B2662+1 (sensitive receptor: C2621)			
DISCCART	405987.496503612	3759337.49772606	458.30	1.50
** receptor	=B2663+1 (sensitive receptor: C2622)			
DISCCART	405987.496503612	3759287.49790338	426.30	1.50
** receptor	=B2664+1 (sensitive receptor: C2623)			
DISCCART	405987.496503612	3759237.4980807	402.50	1.50
** receptor	=B2665+1 (sensitive receptor: C2624)			
DISCCART	405987.496503612	3759187.49825802	377.30	1.50
** receptor	=B2666+1 (sensitive receptor: C2625)			
DISCCART	405987.496503612	3759137.49843534	376.40	1.50
** receptor	=B2667+1 (sensitive receptor: C2626)			
DISCCART	405987.496503612	3759087.49861266	367.30	1.50
** receptor	=B2668+1 (sensitive receptor: C2627)			
DISCCART	405987.496503612	3759037.49878997	357.50	1.50
** receptor	=B2669+1 (sensitive receptor: C2628)			
DISCCART	405987.496503612	3758987.49896729	357.50	1.50
** receptor	=B2670+1 (sensitive receptor: C2629)			
DISCCART	405987.496503612	3758937.49914461	353.50	1.50
** receptor	=B2671+1 (sensitive receptor: C2630)			
DISCCART	405987.496503612	3758887.49932193	344.40	1.50
** receptor	=B2672+1 (sensitive receptor: C2631)			
DISCCART	405987.496503612	3758837.49949925	337.80	1.50
** receptor	=B2673+1 (sensitive receptor: C2632)			
DISCCART	405987.496503612	3758787.49967657	331.30	1.50
** receptor	=B2674+1 (sensitive receptor: C2633)			
DISCCART	405987.496503612	3758737.49985389	324.70	1.50
** receptor	=B2675+1 (sensitive receptor: C2634)			
DISCCART	405987.496503612	3758687.50003121	320.70	1.50
** receptor	=B2676+1 (sensitive receptor: C2635)			
DISCCART	406037.499303424	3759987.50541887	707.80	1.50
** receptor	=B2677+1 (sensitive receptor: C2636)			
DISCCART	406037.499303424	3759837.50595083	631.60	1.50
** receptor	=B2678+1 (sensitive receptor: C2637)			
DISCCART	406037.499303424	3759787.50612815	603.60	1.50
** receptor	=B2679+1 (sensitive receptor: C2638)			
DISCCART	406037.499303424	3759737.50630547	590.00	1.50
** receptor	=B2680+1 (sensitive receptor: C2639)			
DISCCART	406037.499303424	3759687.50648279	560.00	1.50
** receptor	=B2681+1 (sensitive receptor: C2640)			
DISCCART	406037.499303424	3759637.50666011	538.60	1.50
** receptor	=B2682+1 (sensitive receptor: C2641)			
DISCCART	406037.499303424	3759587.50683743	525.50	1.50
** receptor	=B2683+1 (sensitive receptor: C2642)			

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** receptor	DISCCART	406037.499303424	3759537.50701475	517.00	1.50
** receptor	=B2684+1 (sensitive receptor: C2643)				
** receptor	DISCCART	406037.499303424	3759487.50719207	480.40	1.50
** receptor	=B2685+1 (sensitive receptor: C2644)				
** receptor	DISCCART	406037.499303424	3759437.50736939	463.20	1.50
** receptor	=B2686+1 (sensitive receptor: C2645)				
** receptor	DISCCART	406037.499303424	3759387.49754874	457.20	1.50
** receptor	=B2687+1 (sensitive receptor: C2646)				
** receptor	DISCCART	406037.499303424	3759337.49772606	437.00	1.50
** receptor	=B2688+1 (sensitive receptor: C2647)				
** receptor	DISCCART	406037.499303424	3759287.49790338	417.80	1.50
** receptor	=B2689+1 (sensitive receptor: C2648)				
** receptor	DISCCART	406037.499303424	3759237.4980807	396.80	1.50
** receptor	=B2690+1 (sensitive receptor: C2649)				
** receptor	DISCCART	406037.499303424	3759187.49825802	387.00	1.50
** receptor	=B2691+1 (sensitive receptor: C2650)				
** receptor	DISCCART	406037.499303424	3759137.49843534	380.50	1.50
** receptor	=B2692+1 (sensitive receptor: C2651)				
** receptor	DISCCART	406037.499303424	3759087.49861266	373.90	1.50
** receptor	=B2693+1 (sensitive receptor: C2652)				
** receptor	DISCCART	406037.499303424	3759037.49878997	366.60	1.50
** receptor	=B2694+1 (sensitive receptor: C2653)				
** receptor	DISCCART	406037.499303424	3758987.49896729	364.10	1.50
** receptor	=B2695+1 (sensitive receptor: C2654)				
** receptor	DISCCART	406037.499303424	3758937.49914461	357.50	1.50
** receptor	=B2696+1 (sensitive receptor: C2655)				
** receptor	DISCCART	406037.499303424	3758887.49932193	350.20	1.50
** receptor	=B2697+1 (sensitive receptor: C2656)				
** receptor	DISCCART	406037.499303424	3758837.49949925	341.10	1.50
** receptor	=B2698+1 (sensitive receptor: C2657)				
** receptor	DISCCART	406037.499303424	3758787.49967657	337.10	1.50
** receptor	=B2699+1 (sensitive receptor: C2658)				
** receptor	DISCCART	406037.499303424	3758737.49985389	330.50	1.50
** receptor	=B2700+1 (sensitive receptor: C2659)				
** receptor	DISCCART	406037.499303424	3758687.50003121	321.40	1.50
** receptor	=B2701+1 (sensitive receptor: C2660)				
** receptor	DISCCART	406087.502103235	3759987.50541887	645.50	1.50
** receptor	=B2702+1 (sensitive receptor: C2661)				
** receptor	DISCCART	406087.502103235	3759837.50595083	514.80	1.50
** receptor	=B2703+1 (sensitive receptor: C2662)				
** receptor	DISCCART	406087.502103235	3759787.50612815	500.20	1.50
** receptor	=B2704+1 (sensitive receptor: C2663)				
** receptor	DISCCART	406087.502103235	3759737.50630547	496.30	1.50
** receptor	=B2705+1 (sensitive receptor: C2664)				
** receptor	DISCCART	406087.502103235	3759687.50648279	490.40	1.50
** receptor	=B2706+1 (sensitive receptor: C2665)				
** receptor	DISCCART	406087.502103235	3759637.50666011	490.40	1.50
** receptor	=B2707+1 (sensitive receptor: C2666)				
** receptor	DISCCART	406087.502103235	3759587.50683743	480.90	1.50
** receptor	=B2708+1 (sensitive receptor: C2667)				
** receptor	DISCCART	406087.502103235	3759537.50701475	465.80	1.50
** receptor	=B2709+1 (sensitive receptor: C2668)				
** receptor	DISCCART	406087.502103235	3759487.50719207	463.20	1.50
** receptor	=B2710+1 (sensitive receptor: C2669)				
** receptor	DISCCART	406087.502103235	3759437.50736939	435.10	1.50
** receptor	=B2711+1 (sensitive receptor: C2670)				
** receptor	DISCCART	406087.502103235	3759387.49754874	421.30	1.50
** receptor	=B2712+1 (sensitive receptor: C2671)				
** receptor	DISCCART	406087.502103235	3759337.49772606	416.60	1.50
** receptor	=B2713+1 (sensitive receptor: C2672)				
** receptor	DISCCART	406087.502103235	3759287.49790338	420.50	1.50
** receptor	=B2714+1 (sensitive receptor: C2673)				
** receptor	DISCCART	406087.502103235	3759237.4980807	396.90	1.50
** receptor	=B2715+1 (sensitive receptor: C2674)				
** receptor	DISCCART	406087.502103235	3759187.49825802	393.60	1.50
** receptor	=B2716+1 (sensitive receptor: C2675)				
** receptor	DISCCART	406087.502103235	3759137.49843534	387.00	1.50
** receptor	=B2717+1 (sensitive receptor: C2676)				
** receptor	DISCCART	406087.502103235	3759087.49861266	380.50	1.50
** receptor	=B2718+1 (sensitive receptor: C2677)				
** receptor	DISCCART	406087.502103235	3759037.49878997	373.90	1.50
** receptor	=B2719+1 (sensitive receptor: C2678)				
** receptor	DISCCART	406087.502103235	3758987.49896729	369.90	1.50
** receptor	=B2720+1 (sensitive receptor: C2679)				
** receptor	DISCCART	406087.502103235	3758937.49914461	360.80	1.50
** receptor	=B2721+1 (sensitive receptor: C2680)				

Appendix B

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** DISCCART	406087.502103235	3758887.49932193	356.70	1.50
** receptor	=B2722+1 (sensitive receptor: C2681)			
** DISCCART	406087.502103235	3758837.49949925	347.70	1.50
** receptor	=B2723+1 (sensitive receptor: C2682)			
** DISCCART	406087.502103235	3758787.49967657	341.10	1.50
** receptor	=B2724+1 (sensitive receptor: C2683)			
** DISCCART	406087.502103235	3758737.49985389	334.60	1.50
** receptor	=B2725+1 (sensitive receptor: C2684)			
** DISCCART	406087.502103235	3758687.50003121	328.00	1.50
** receptor	=B2726+1 (sensitive receptor: C2685)			
** DISCCART	406137.496657202	3759987.50541887	550.90	1.50
** receptor	=B2727+1 (sensitive receptor: C2686)			
** DISCCART	406137.496657202	3759837.50595083	488.60	1.50
** receptor	=B2728+1 (sensitive receptor: C2687)			
** DISCCART	406137.496657202	3759787.50612815	485.40	1.50
** receptor	=B2729+1 (sensitive receptor: C2688)			
** DISCCART	406137.496657202	3759737.50630547	484.00	1.50
** receptor	=B2730+1 (sensitive receptor: C2689)			
** DISCCART	406137.496657202	3759687.50648279	484.00	1.50
** receptor	=B2731+1 (sensitive receptor: C2690)			
** DISCCART	406137.496657202	3759637.50666011	471.50	1.50
** receptor	=B2732+1 (sensitive receptor: C2691)			
** DISCCART	406137.496657202	3759587.50683743	465.70	1.50
** receptor	=B2733+1 (sensitive receptor: C2692)			
** DISCCART	406137.496657202	3759537.50701475	457.10	1.50
** receptor	=B2734+1 (sensitive receptor: C2693)			
** DISCCART	406137.496657202	3759487.50719207	427.80	1.50
** receptor	=B2735+1 (sensitive receptor: C2694)			
** DISCCART	406137.496657202	3759437.50736939	429.00	1.50
** receptor	=B2736+1 (sensitive receptor: C2695)			
** DISCCART	406137.496657202	3759387.49754874	438.10	1.50
** receptor	=B2737+1 (sensitive receptor: C2696)			
** DISCCART	406137.496657202	3759337.49772606	434.90	1.50
** receptor	=B2738+1 (sensitive receptor: C2697)			
** DISCCART	406137.496657202	3759287.49790338	428.80	1.50
** receptor	=B2739+1 (sensitive receptor: C2698)			
** DISCCART	406137.496657202	3759237.4980807	409.90	1.50
** receptor	=B2740+1 (sensitive receptor: C2699)			
** DISCCART	406137.496657202	3759187.49825802	402.70	1.50
** receptor	=B2741+1 (sensitive receptor: C2700)			
** DISCCART	406137.496657202	3759137.49843534	393.60	1.50
** receptor	=B2742+1 (sensitive receptor: C2701)			
** DISCCART	406137.496657202	3759087.49861266	387.00	1.50
** receptor	=B2743+1 (sensitive receptor: C2702)			
** DISCCART	406137.496657202	3759037.49878997	380.50	1.50
** receptor	=B2744+1 (sensitive receptor: C2703)			
** DISCCART	406137.496657202	3758987.49896729	377.20	1.50
** receptor	=B2745+1 (sensitive receptor: C2704)			
** DISCCART	406137.496657202	3758937.49914461	369.90	1.50
** receptor	=B2746+1 (sensitive receptor: C2705)			
** DISCCART	406137.496657202	3758887.49932193	360.80	1.50
** receptor	=B2747+1 (sensitive receptor: C2706)			
** DISCCART	406137.496657202	3758837.49949925	354.20	1.50
** receptor	=B2748+1 (sensitive receptor: C2707)			
** DISCCART	406137.496657202	3758787.49967657	344.40	1.50
** receptor	=B2749+1 (sensitive receptor: C2708)			
** DISCCART	406137.496657202	3758737.49985389	337.80	1.50
** receptor	=B2750+1 (sensitive receptor: C2709)			
** DISCCART	406137.496657202	3758687.50003121	331.30	1.50
** receptor	=B2751+1 (sensitive receptor: C2710)			
** DISCCART	406187.499457013	3759437.50736939	487.20	1.50
** receptor	=B2752+1 (sensitive receptor: C2711)			
** DISCCART	406187.499457013	3759387.49754874	470.10	1.50
** receptor	=B2753+1 (sensitive receptor: C2712)			
** DISCCART	406187.499457013	3759337.49772606	462.50	1.50
** receptor	=B2754+1 (sensitive receptor: C2713)			
** DISCCART	406187.499457013	3759287.49790338	439.40	1.50
** receptor	=B2755+1 (sensitive receptor: C2714)			
** DISCCART	406187.499457013	3759237.4980807	416.60	1.50
** receptor	=B2756+1 (sensitive receptor: C2715)			
** DISCCART	406187.499457013	3759187.49825802	406.70	1.50
** receptor	=B2757+1 (sensitive receptor: C2716)			
** DISCCART	406187.499457013	3759137.49843534	400.10	1.50
** receptor	=B2758+1 (sensitive receptor: C2717)			
** DISCCART	406187.499457013	3759087.49861266	393.60	1.50
** receptor	=B2759+1 (sensitive receptor: C2718)			

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** DISCCART	406187.499457013	3759037.49878997	387.00	1.50
** receptor	=B2760+1 (sensitive receptor: C2719)			
** DISCCART	406187.499457013	3758987.49896729	383.00	1.50
** receptor	=B2761+1 (sensitive receptor: C2720)			
** DISCCART	406187.499457013	3758937.49914461	373.90	1.50
** receptor	=B2762+1 (sensitive receptor: C2721)			
** DISCCART	406187.499457013	3758887.49932193	366.60	1.50
** receptor	=B2763+1 (sensitive receptor: C2722)			
** DISCCART	406187.499457013	3758837.49949925	357.50	1.50
** receptor	=B2764+1 (sensitive receptor: C2723)			
** DISCCART	406187.499457013	3758787.49967657	347.70	1.50
** receptor	=B2765+1 (sensitive receptor: C2724)			
** DISCCART	406187.499457013	3758737.49985389	341.00	1.50
** receptor	=B2766+1 (sensitive receptor: C2725)			
** DISCCART	406187.499457013	3758687.50003121	334.60	1.50
** receptor	=B2767+1 (sensitive receptor: C2726)			
** DISCCART	406237.502256824	3759437.50736939	501.80	1.50
** receptor	=B2768+1 (sensitive receptor: C2727)			
** DISCCART	406237.502256824	3759387.49754874	482.80	1.50
** receptor	=B2769+1 (sensitive receptor: C2728)			
** DISCCART	406237.502256824	3759337.49772606	462.30	1.50
** receptor	=B2770+1 (sensitive receptor: C2729)			
** DISCCART	406237.502256824	3759287.49790338	446.00	1.50
** receptor	=B2771+1 (sensitive receptor: C2730)			
** DISCCART	406237.502256824	3759237.4980807	426.30	1.50
** receptor	=B2772+1 (sensitive receptor: C2731)			
** DISCCART	406237.502256824	3759187.49825802	413.30	1.50
** receptor	=B2773+1 (sensitive receptor: C2732)			
** DISCCART	406237.502256824	3759137.49843534	403.40	1.50
** receptor	=B2774+1 (sensitive receptor: C2733)			
** DISCCART	406237.502256824	3759087.49861266	399.40	1.50
** receptor	=B2775+1 (sensitive receptor: C2734)			
** DISCCART	406237.502256824	3759037.49878997	390.30	1.50
** receptor	=B2776+1 (sensitive receptor: C2735)			
** DISCCART	406237.502256824	3758987.49896729	383.80	1.50
** receptor	=B2777+1 (sensitive receptor: C2736)			
** DISCCART	406237.502256824	3758937.49914461	377.10	1.50
** receptor	=B2778+1 (sensitive receptor: C2737)			
** DISCCART	406237.502256824	3758887.49932193	367.40	1.50
** receptor	=B2779+1 (sensitive receptor: C2738)			
** DISCCART	406237.502256824	3758837.49949925	360.70	1.50
** receptor	=B2780+1 (sensitive receptor: C2739)			
** DISCCART	406237.502256824	3758787.49967657	350.90	1.50
** receptor	=B2781+1 (sensitive receptor: C2740)			
** DISCCART	406237.502256824	3758737.49985389	344.30	1.50
** receptor	=B2782+1 (sensitive receptor: C2741)			
** DISCCART	406237.502256824	3758687.50003121	337.80	1.50
** receptor	=B2783+1 (sensitive receptor: C2742)			
** DISCCART	406287.496810791	3759437.50736939	508.40	1.50
** receptor	=B2784+1 (sensitive receptor: C2743)			
** DISCCART	406287.496810791	3759387.49754874	501.00	1.50
** receptor	=B2785+1 (sensitive receptor: C2744)			
** DISCCART	406287.496810791	3759337.49772606	465.00	1.50
** receptor	=B2786+1 (sensitive receptor: C2745)			
** DISCCART	406287.496810791	3759287.49790338	449.30	1.50
** receptor	=B2787+1 (sensitive receptor: C2746)			
** DISCCART	406287.496810791	3759237.4980807	432.90	1.50
** receptor	=B2788+1 (sensitive receptor: C2747)			
** DISCCART	406287.496810791	3759187.49825802	416.60	1.50
** receptor	=B2789+1 (sensitive receptor: C2748)			
** DISCCART	406287.496810791	3759137.49843534	409.20	1.50
** receptor	=B2790+1 (sensitive receptor: C2749)			
** DISCCART	406287.496810791	3759087.49861266	400.20	1.50
** receptor	=B2791+1 (sensitive receptor: C2750)			
** DISCCART	406287.496810791	3759037.49878997	393.50	1.50
** receptor	=B2792+1 (sensitive receptor: C2751)			
** DISCCART	406287.496810791	3758987.49896729	383.70	1.50
** receptor	=B2793+1 (sensitive receptor: C2752)			
** DISCCART	406287.496810791	3758937.49914461	377.10	1.50
** receptor	=B2794+1 (sensitive receptor: C2753)			
** DISCCART	406287.496810791	3758887.49932193	367.40	1.50
** receptor	=B2795+1 (sensitive receptor: C2754)			
** DISCCART	406287.496810791	3758837.49949925	357.50	1.50
** receptor	=B2796+1 (sensitive receptor: C2755)			
** DISCCART	406287.496810791	3758787.49967657	354.20	1.50
** receptor	=B2797+1 (sensitive receptor: C2756)			

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** DISCCART	406287.496810791	3758737.49985389	346.90	1.50
** receptor	=B2798+1 (sensitive receptor: C2757)			
** DISCCART	406287.496810791	3758687.50003121	343.60	1.50
** receptor	=B2799+1 (sensitive receptor: C2758)			
** DISCCART	406337.499610602	3759437.50736939	508.30	1.50
** receptor	=B2800+1 (sensitive receptor: C2759)			
** DISCCART	406337.499610602	3759387.49754874	499.30	1.50
** receptor	=B2801+1 (sensitive receptor: C2760)			
** DISCCART	406337.499610602	3759337.49772606	475.40	1.50
** receptor	=B2802+1 (sensitive receptor: C2761)			
** DISCCART	406337.499610602	3759287.49790338	452.60	1.50
** receptor	=B2803+1 (sensitive receptor: C2762)			
** DISCCART	406337.499610602	3759237.4980807	436.20	1.50
** receptor	=B2804+1 (sensitive receptor: C2763)			
** DISCCART	406337.499610602	3759187.49825802	423.00	1.50
** receptor	=B2805+1 (sensitive receptor: C2764)			
** DISCCART	406337.499610602	3759137.49843534	412.50	1.50
** receptor	=B2806+1 (sensitive receptor: C2765)			
** DISCCART	406337.499610602	3759087.49861266	400.20	1.50
** receptor	=B2807+1 (sensitive receptor: C2766)			
** DISCCART	406337.499610602	3759037.49878997	393.60	1.50
** receptor	=B2808+1 (sensitive receptor: C2767)			
** DISCCART	406337.499610602	3758987.49896729	383.70	1.50
** receptor	=B2809+1 (sensitive receptor: C2768)			
** DISCCART	406337.499610602	3758937.49914461	373.90	1.50
** receptor	=B2810+1 (sensitive receptor: C2769)			
** DISCCART	406337.499610602	3758887.49932193	367.30	1.50
** receptor	=B2811+1 (sensitive receptor: C2770)			
** DISCCART	406337.499610602	3758837.49949925	358.20	1.50
** receptor	=B2812+1 (sensitive receptor: C2771)			
** DISCCART	406337.499610602	3758787.49967657	354.20	1.50
** receptor	=B2813+1 (sensitive receptor: C2772)			
** DISCCART	406337.499610602	3758737.49985389	350.20	1.50
** receptor	=B2814+1 (sensitive receptor: C2773)			
** DISCCART	406337.499610602	3758687.50003121	347.00	1.50
** receptor	=B2815+1 (sensitive receptor: C2774)			
** DISCCART	406387.502410414	3759337.49772606	459.10	1.50
** receptor	=B2816+1 (sensitive receptor: C2775)			
** DISCCART	406387.502410414	3759287.49790338	449.20	1.50
** receptor	=B2817+1 (sensitive receptor: C2776)			
** DISCCART	406387.502410414	3759237.4980807	436.20	1.50
** receptor	=B2818+1 (sensitive receptor: C2777)			
** DISCCART	406387.502410414	3759187.49825802	425.60	1.50
** receptor	=B2819+1 (sensitive receptor: C2778)			
** DISCCART	406387.502410414	3759137.49843534	413.20	1.50
** receptor	=B2820+1 (sensitive receptor: C2779)			
** DISCCART	406387.502410414	3759087.49861266	403.40	1.50
** receptor	=B2821+1 (sensitive receptor: C2780)			
** DISCCART	406387.502410414	3759037.49878997	393.60	1.50
** receptor	=B2822+1 (sensitive receptor: C2781)			
** DISCCART	406387.502410414	3758987.49896729	386.30	1.50
** receptor	=B2823+1 (sensitive receptor: C2782)			
** DISCCART	406387.502410414	3758937.49914461	377.10	1.50
** receptor	=B2824+1 (sensitive receptor: C2783)			
** DISCCART	406387.502410414	3758887.49932193	364.00	1.50
** receptor	=B2825+1 (sensitive receptor: C2784)			
** DISCCART	406387.502410414	3758837.49949925	357.50	1.50
** receptor	=B2826+1 (sensitive receptor: C2785)			
** DISCCART	406387.502410414	3758787.49967657	354.20	1.50
** receptor	=B2827+1 (sensitive receptor: C2786)			
** DISCCART	406387.502410414	3758737.49985389	354.20	1.50
** receptor	=B2828+1 (sensitive receptor: C2787)			
** DISCCART	406387.502410414	3758687.50003121	354.20	1.50
** receptor	=B2829+1 (sensitive receptor: C2788)			
** DISCCART	406437.496964381	3759337.49772606	455.80	1.50
** receptor	=B2830+1 (sensitive receptor: C2789)			
** DISCCART	406437.496964381	3759287.49790338	446.10	1.50
** receptor	=B2831+1 (sensitive receptor: C2790)			
** DISCCART	406437.496964381	3759237.4980807	439.50	1.50
** receptor	=B2832+1 (sensitive receptor: C2791)			
** DISCCART	406437.496964381	3759187.49825802	426.30	1.50
** receptor	=B2833+1 (sensitive receptor: C2792)			
** DISCCART	406437.496964381	3759137.49843534	413.20	1.50
** receptor	=B2834+1 (sensitive receptor: C2793)			
** DISCCART	406437.496964381	3759087.49861266	403.40	1.50
** receptor	=B2835+1 (sensitive receptor: C2794)			

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** DISCCART	406437.496964381	3759037.49878997	393.60	1.50
** receptor	=B2836+1 (sensitive receptor: C2795)			
** DISCCART	406437.496964381	3758987.49896729	387.00	1.50
** receptor	=B2837+1 (sensitive receptor: C2796)			
** DISCCART	406437.496964381	3758937.49914461	380.40	1.50
** receptor	=B2838+1 (sensitive receptor: C2797)			
** DISCCART	406437.496964381	3758887.49932193	366.50	1.50
** receptor	=B2839+1 (sensitive receptor: C2798)			
** DISCCART	406437.496964381	3758837.49949925	357.50	1.50
** receptor	=B2840+1 (sensitive receptor: C2799)			
** DISCCART	406437.496964381	3758787.49967657	357.50	1.50
** receptor	=B2841+1 (sensitive receptor: C2800)			
** DISCCART	406437.496964381	3758737.49985389	357.50	1.50
** receptor	=B2842+1 (sensitive receptor: C2801)			
** DISCCART	406437.496964381	3758687.50003121	360.80	1.50
** receptor	=B2843+1 (sensitive receptor: C2802)			
** DISCCART	406487.499764192	3759287.49790338	449.30	1.50
** receptor	=B2844+1 (sensitive receptor: C2803)			
** DISCCART	406487.499764192	3759237.4980807	439.40	1.50
** receptor	=B2845+1 (sensitive receptor: C2804)			
** DISCCART	406487.499764192	3759187.49825802	423.10	1.50
** receptor	=B2846+1 (sensitive receptor: C2805)			
** DISCCART	406487.499764192	3759137.49843534	413.30	1.50
** receptor	=B2847+1 (sensitive receptor: C2806)			
** DISCCART	406487.499764192	3759087.49861266	403.40	1.50
** receptor	=B2848+1 (sensitive receptor: C2807)			
** DISCCART	406487.499764192	3759037.49878997	396.10	1.50
** receptor	=B2849+1 (sensitive receptor: C2808)			
** DISCCART	406487.499764192	3758987.49896729	390.20	1.50
** receptor	=B2850+1 (sensitive receptor: C2809)			
** DISCCART	406487.499764192	3758937.49914461	383.00	1.50
** receptor	=B2851+1 (sensitive receptor: C2810)			
** DISCCART	406487.499764192	3758887.49932193	370.60	1.50
** receptor	=B2852+1 (sensitive receptor: C2811)			
** DISCCART	406487.499764192	3758837.49949925	366.60	1.50
** receptor	=B2853+1 (sensitive receptor: C2812)			
** DISCCART	406487.499764192	3758787.49967657	366.70	1.50
** receptor	=B2854+1 (sensitive receptor: C2813)			
** DISCCART	406487.499764192	3758737.49985389	367.40	1.50
** receptor	=B2855+1 (sensitive receptor: C2814)			
** DISCCART	406487.499764192	3758687.50003121	366.60	1.50
** receptor	=B2856+1 (sensitive receptor: C2815)			
** DISCCART	406537.502564003	3759237.4980807	439.50	1.50
** receptor	=B2857+1 (sensitive receptor: C2816)			
** DISCCART	406537.502564003	3759187.49825802	426.40	1.50
** receptor	=B2858+1 (sensitive receptor: C2817)			
** DISCCART	406537.502564003	3759137.49843534	416.50	1.50
** receptor	=B2859+1 (sensitive receptor: C2818)			
** DISCCART	406537.502564003	3759087.49861266	409.20	1.50
** receptor	=B2860+1 (sensitive receptor: C2819)			
** DISCCART	406537.502564003	3759037.49878997	400.10	1.50
** receptor	=B2861+1 (sensitive receptor: C2820)			
** DISCCART	406537.502564003	3758987.49896729	390.20	1.50
** receptor	=B2862+1 (sensitive receptor: C2821)			
** DISCCART	406537.502564003	3758937.49914461	380.40	1.50
** receptor	=B2863+1 (sensitive receptor: C2822)			
** DISCCART	406537.502564003	3758887.49932193	377.20	1.50
** receptor	=B2864+1 (sensitive receptor: C2823)			
** DISCCART	406537.502564003	3758837.49949925	380.50	1.50
** receptor	=B2865+1 (sensitive receptor: C2824)			
** DISCCART	406537.502564003	3758787.49967657	379.80	1.50
** receptor	=B2866+1 (sensitive receptor: C2825)			
** DISCCART	406537.502564003	3758737.49985389	376.40	1.50
** receptor	=B2867+1 (sensitive receptor: C2826)			
** DISCCART	406537.502564003	3758687.50003121	373.10	1.50
** receptor	=B2868+1 (sensitive receptor: C2827)			
** DISCCART	406587.49711797	3759237.4980807	448.60	1.50
** receptor	=B2869+1 (sensitive receptor: C2828)			
** DISCCART	406587.49711797	3759187.49825802	436.20	1.50
** receptor	=B2870+1 (sensitive receptor: C2829)			
** DISCCART	406587.49711797	3759137.49843534	423.10	1.50
** receptor	=B2871+1 (sensitive receptor: C2830)			
** DISCCART	406587.49711797	3759087.49861266	413.30	1.50
** receptor	=B2872+1 (sensitive receptor: C2831)			
** DISCCART	406587.49711797	3759037.49878997	403.40	1.50
** receptor	=B2873+1 (sensitive receptor: C2832)			

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** DISCCART	406587.49711797	3758987.49896729	393.60	1.50
** receptor	=B2874+1 (sensitive receptor: C2833)			
** DISCCART	406587.49711797	3758937.49914461	389.60	1.50
** receptor	=B2875+1 (sensitive receptor: C2834)			
** DISCCART	406587.49711797	3758887.49932193	389.70	1.50
** receptor	=B2876+1 (sensitive receptor: C2835)			
** DISCCART	406587.49711797	3758837.49949925	389.60	1.50
** receptor	=B2877+1 (sensitive receptor: C2836)			
** DISCCART	406587.49711797	3758787.49967657	386.30	1.50
** receptor	=B2878+1 (sensitive receptor: C2837)			
** DISCCART	406587.49711797	3758737.49985389	380.50	1.50
** receptor	=B2879+1 (sensitive receptor: C2838)			
** DISCCART	406587.49711797	3758687.50003121	377.20	1.50
** receptor	=B2880+1 (sensitive receptor: C2839)			
** DISCCART	406587.49711797	3758637.50020853	370.60	1.50
** receptor	=B2881+1 (sensitive receptor: C2840)			
** DISCCART	406637.499917781	3759187.49825802	442.80	1.50
** receptor	=B2882+1 (sensitive receptor: C2841)			
** DISCCART	406637.499917781	3759137.49843534	429.60	1.50
** receptor	=B2883+1 (sensitive receptor: C2842)			
** DISCCART	406637.499917781	3759087.49861266	419.80	1.50
** receptor	=B2884+1 (sensitive receptor: C2843)			
** DISCCART	406637.499917781	3759037.49878997	403.40	1.50
** receptor	=B2885+1 (sensitive receptor: C2844)			
** DISCCART	406637.499917781	3758987.49896729	400.20	1.50
** receptor	=B2886+1 (sensitive receptor: C2845)			
** DISCCART	406637.499917781	3758937.49914461	402.70	1.50
** receptor	=B2887+1 (sensitive receptor: C2846)			
** DISCCART	406637.499917781	3758887.49932193	402.70	1.50
** receptor	=B2888+1 (sensitive receptor: C2847)			
** DISCCART	406637.499917781	3758837.49949925	396.90	1.50
** receptor	=B2889+1 (sensitive receptor: C2848)			
** DISCCART	406637.499917781	3758787.49967657	390.30	1.50
** receptor	=B2890+1 (sensitive receptor: C2849)			
** DISCCART	406637.499917781	3758737.49985389	383.80	1.50
** receptor	=B2891+1 (sensitive receptor: C2850)			
** DISCCART	406637.499917781	3758687.50003121	380.40	1.50
** receptor	=B2892+1 (sensitive receptor: C2851)			
** DISCCART	406687.502717592	3759137.49843534	429.60	1.50
** receptor	=B2893+1 (sensitive receptor: C2852)			
** DISCCART	406687.502717592	3759087.49861266	419.90	1.50
** receptor	=B2894+1 (sensitive receptor: C2853)			
** DISCCART	406687.502717592	3759037.49878997	416.60	1.50
** receptor	=B2895+1 (sensitive receptor: C2854)			
** DISCCART	406687.502717592	3758987.49896729	416.50	1.50
** receptor	=B2896+1 (sensitive receptor: C2855)			
** DISCCART	406687.502717592	3758937.49914461	415.80	1.50
** receptor	=B2897+1 (sensitive receptor: C2856)			
** DISCCART	406687.502717592	3758887.49932193	406.60	1.50
** receptor	=B2898+1 (sensitive receptor: C2857)			
** DISCCART	406687.502717592	3758837.49949925	400.10	1.50
** receptor	=B2899+1 (sensitive receptor: C2858)			
** DISCCART	406687.502717592	3758737.49985389	383.80	1.50
** receptor	=B2900+1 (sensitive receptor: C2859)			
** DISCCART	406737.497271559	3759137.49843534	438.80	1.50
** receptor	=B2901+1 (sensitive receptor: C2860)			
** DISCCART	406737.497271559	3759037.49878997	438.70	1.50
** receptor	=B2902+1 (sensitive receptor: C2861)			
** DISCCART	406737.497271559	3758987.49896729	429.60	1.50
** receptor	=B2903+1 (sensitive receptor: C2862)			
** DISCCART	406737.497271559	3758937.49914461	417.30	1.50
** receptor	=B2904+1 (sensitive receptor: C2863)			
** DISCCART	406737.497271559	3758637.50020853	383.70	1.50
** receptor	=B2905+1 (sensitive receptor: C2864)			
** DISCCART	406787.50007137	3759037.49878997	455.10	1.50
** receptor	=B2906+1 (sensitive receptor: C2865)			
** DISCCART	406787.50007137	3758987.49896729	432.90	1.50
** receptor	=B2907+1 (sensitive receptor: C2866)			
** DISCCART	406787.50007137	3758937.49914461	416.60	1.50
** receptor	=B2908+1 (sensitive receptor: C2867)			
** DISCCART	406787.50007137	3758687.50003121	393.60	1.50
** receptor	=B2909+1 (sensitive receptor: C2868)			
** DISCCART	406787.50007137	3758637.50020853	380.50	1.50
** receptor	=B2910+1 (sensitive receptor: C2869)			
** DISCCART	406837.502871182	3758737.49985389	406.60	1.50
** receptor	=B2911+1 (sensitive receptor: C2870)			

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** DISCCART	406837.502871182	3758687.50003121	400.10	1.50
** receptor	=B2912+1 (sensitive receptor: C2871)			
** DISCCART	406837.502871182	3758637.50020853	387.00	1.50
** receptor	=B2913+1 (sensitive receptor: C2872)			
** DISCCART	406887.497425149	3758787.49967657	415.80	1.50
** receptor	=B2914+1 (sensitive receptor: C2873)			
** DISCCART	406887.497425149	3758737.49985389	406.60	1.50
** receptor	=B2915+1 (sensitive receptor: C2874)			
** DISCCART	406887.497425149	3758687.50003121	396.80	1.50
** receptor	=B2916+1 (sensitive receptor: C2875)			
** DISCCART	406887.497425149	3758637.50020853	383.70	1.50
** receptor	=B2917+1 (sensitive receptor: C2876)			
** DISCCART	406937.50022496	3758737.49985389	403.40	1.50
** receptor	=B2918+1 (sensitive receptor: C2877)			
** DISCCART	406937.50022496	3758687.50003121	393.50	1.50
** receptor	=B2919+1 (sensitive receptor: C2878)			
** DISCCART	406937.50022496	3758637.50020853	380.40	1.50
** receptor	=B2920+1 (sensitive receptor: C2879)			
** DISCCART	406987.503024771	3758737.49985389	403.40	1.50
** receptor	=B2921+1 (sensitive receptor: C2880)			
** DISCCART	406987.503024771	3758687.50003121	393.40	1.50
** receptor	=B2922+1 (sensitive receptor: C2881)			
** DISCCART	406987.503024771	3758637.50020853	377.30	1.50
** receptor	=B2923+1 (sensitive receptor: C2882)			
** DISCCART	407037.497578738	3758687.50003121	387.60	1.50
** receptor	=B2924+1 (sensitive receptor: C2883)			
** DISCCART	407037.497578738	3758637.50020853	380.60	1.50
** receptor	=B2925+1 (sensitive receptor: C2884)			
** DISCCART	407087.500378549	3758637.50020853	400.20	1.50
** receptor	=B2926+1 (sensitive receptor: C2885)			
** DISCCART	407137.50317836	3758637.50020853	409.40	1.50
** receptor	=B2927+1 (sensitive receptor: C2886)			
** DISCCART	407187.497732327	3758637.50020853	422.40	1.50
** receptor	=B2928+1 (sensitive receptor: C2887)			
** DISCCART	407237.500532139	3758637.50020853	438.80	1.50
** receptor	=B2929+1 (sensitive receptor: C2888)			
** DISCCART	407287.50333195	3758637.50020853	458.50	1.50
** receptor	=B2930+1 (sensitive receptor: C2889)			
** DISCCART	407337.497885917	3758637.50020853	474.90	1.50
** receptor	=B2931+1 (sensitive receptor: C2890)			
** DISCCART	407387.500685728	3758637.50020853	490.60	1.50
** receptor	=B2932+1 (sensitive receptor: C2891)			
** DISCCART	407437.495239695	3758637.50020853	505.10	1.50
** receptor	=B2933+1 (sensitive receptor: C2892)			
** DISCCART	407487.498039506	3758637.50020853	490.20	1.50
** receptor	=B2934+1 (sensitive receptor: C2893)			
** DISCCART	407537.500839317	3758637.50020853	0.00	1.50
** receptor	=B2935+1 (sensitive receptor: C2894)			
** DISCCART	407587.495393284	3758637.50020853	0.00	1.50
** receptor	=B2936+1 (sensitive receptor: C2895)			
** DISCCART	407637.498193095	3758637.50020853	0.00	1.50
** receptor	=B2937+1 (sensitive receptor: C2896)			
** DISCCART	407687.500992907	3758637.50020853	0.00	1.50
** receptor	=B2938+1 (sensitive receptor: C2897)			
** DISCCART	407737.495546874	3758637.50020853	0.00	1.50
** receptor	=B2939+1 (sensitive receptor: C2898)			
** DISCCART	407787.498346685	3758637.50020853	0.00	1.50
** receptor	=B2940+1 (sensitive receptor: C2899)			
** DISCCART	407837.501146496	3758637.50020853	0.00	1.50
** receptor	=B2941+1 (sensitive receptor: C2900)			
** DISCCART	407887.503946307	3758637.50020853	0.00	1.50
** receptor	=B2942+1 (sensitive receptor: C2901)			
** DISCCART	407937.498500274	3758637.50020853	0.00	1.50
** receptor	=B2943+1 (sensitive receptor: C2902)			
** DISCCART	407987.501300085	3758637.50020853	0.00	1.50
** receptor	=B2944+1 (sensitive receptor: C2903)			
** DISCCART	408037.495854052	3758637.50020853	0.00	1.50
** receptor	=B2945+1 (sensitive receptor: C2904)			
** DISCCART	408087.498653864	3758637.50020853	0.00	1.50
** receptor	=B2946+1 (sensitive receptor: C2905)			
** DISCCART	405987.496503612	3758637.50020853	314.90	1.50
** receptor	=B2947+1 (sensitive receptor: C2906)			
** DISCCART	405987.496503612	3758587.50038585	310.80	1.50
** receptor	=B2948+1 (sensitive receptor: C2907)			
** DISCCART	406037.499303424	3758637.50020853	318.20	1.50
** receptor	=B2949+1 (sensitive receptor: C2908)			

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** receptor	DISCCART	406037.499303424	3758587.50038585	314.10	1.50
	=B2950+1 (sensitive receptor: C2909)				
** receptor	DISCCART	406087.502103235	3758637.50020853	321.40	1.50
	=B2951+1 (sensitive receptor: C2910)				
** receptor	DISCCART	406087.502103235	3758587.50038585	318.10	1.50
	=B2952+1 (sensitive receptor: C2911)				
** receptor	DISCCART	406137.496657202	3758637.50020853	324.70	1.50
	=B2953+1 (sensitive receptor: C2912)				
** receptor	DISCCART	406137.496657202	3758587.50038585	321.40	1.50
	=B2954+1 (sensitive receptor: C2913)				
** receptor	DISCCART	406187.499457013	3758637.50020853	331.30	1.50
	=B2955+1 (sensitive receptor: C2914)				
** receptor	DISCCART	406187.499457013	3758587.50038585	327.30	1.50
	=B2956+1 (sensitive receptor: C2915)				
** receptor	DISCCART	406237.502256824	3758637.50020853	334.60	1.50
	=B2957+1 (sensitive receptor: C2916)				
** receptor	DISCCART	406237.502256824	3758587.50038585	333.80	1.50
	=B2958+1 (sensitive receptor: C2917)				
** receptor	DISCCART	406287.496810791	3758637.50020853	340.40	1.50
	=B2959+1 (sensitive receptor: C2918)				
** receptor	DISCCART	406287.496810791	3758587.50038585	340.40	1.50
	=B2960+1 (sensitive receptor: C2919)				
** receptor	DISCCART	406337.499610602	3758637.50020853	344.40	1.50
	=B2961+1 (sensitive receptor: C2920)				
** receptor	DISCCART	406337.499610602	3758587.50038585	344.40	1.50
	=B2962+1 (sensitive receptor: C2921)				
** receptor	DISCCART	406387.502410414	3758637.50020853	351.00	1.50
	=B2963+1 (sensitive receptor: C2922)				
** receptor	DISCCART	406387.502410414	3758587.50038585	347.70	1.50
	=B2964+1 (sensitive receptor: C2923)				
** receptor	DISCCART	406437.496964381	3758637.50020853	357.50	1.50
	=B2965+1 (sensitive receptor: C2924)				
** receptor	DISCCART	406437.496964381	3758587.50038585	354.20	1.50
	=B2966+1 (sensitive receptor: C2925)				
** receptor	DISCCART	406487.499764192	3758637.50020853	363.30	1.50
	=B2967+1 (sensitive receptor: C2926)				
** receptor	DISCCART	406487.499764192	3758587.50038585	357.50	1.50
	=B2968+1 (sensitive receptor: C2927)				
** receptor	DISCCART	406537.502564003	3758637.50020853	367.40	1.50
	=B2969+1 (sensitive receptor: C2928)				
** receptor	DISCCART	406537.502564003	3758587.50038585	363.30	1.50
	=B2970+1 (sensitive receptor: C2929)				
** receptor	DISCCART	406587.49711797	3758587.50038585	364.10	1.50
	=B2971+1 (sensitive receptor: C2930)				
** receptor	DISCCART	406737.497271559	3758587.50038585	373.80	1.50
	=B2972+1 (sensitive receptor: C2931)				
** receptor	DISCCART	406787.50007137	3758587.50038585	379.70	1.50
	=B2973+1 (sensitive receptor: C2932)				
** receptor	DISCCART	406837.502871182	3758587.50038585	371.10	1.50
	=B2974+1 (sensitive receptor: C2933)				
** receptor	DISCCART	406887.497425149	3758587.50038585	354.40	1.50
	=B2975+1 (sensitive receptor: C2934)				
** receptor	DISCCART	406937.50022496	3758587.50038585	380.60	1.50
	=B2976+1 (sensitive receptor: C2935)				
** receptor	DISCCART	406987.503024771	3758587.50038585	387.10	1.50
	=B2977+1 (sensitive receptor: C2936)				
** receptor	DISCCART	407037.497578738	3758587.50038585	399.50	1.50
	=B2978+1 (sensitive receptor: C2937)				
** receptor	DISCCART	407087.500378549	3758587.50038585	403.50	1.50
	=B2979+1 (sensitive receptor: C2938)				
** receptor	DISCCART	407137.50317836	3758587.50038585	413.30	1.50
	=B2980+1 (sensitive receptor: C2939)				
** receptor	DISCCART	407187.497732327	3758587.50038585	435.20	1.50
	=B2981+1 (sensitive receptor: C2940)				
** receptor	DISCCART	407237.500532139	3758587.50038585	451.90	1.50
	=B2982+1 (sensitive receptor: C2941)				
** receptor	DISCCART	407287.50333195	3758587.50038585	456.00	1.50
	=B2983+1 (sensitive receptor: C2942)				
** receptor	DISCCART	407337.497885917	3758587.50038585	471.70	1.50
	=B2984+1 (sensitive receptor: C2943)				
** receptor	DISCCART	407387.500685728	3758587.50038585	493.10	1.50
	=B2985+1 (sensitive receptor: C2944)				
** receptor	DISCCART	407437.495239695	3758587.50038585	507.70	1.50
	=B2986+1 (sensitive receptor: C2945)				
** receptor	DISCCART	407487.498039506	3758587.50038585	496.70	1.50
	=B2987+1 (sensitive receptor: C2946)				

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** DISCCART	407537.500839317	3758587.50038585	0.00	1.50
** receptor	=B2988+1 (sensitive receptor: C2947)			
** DISCCART	407587.495393284	3758587.50038585	0.00	1.50
** receptor	=B2989+1 (sensitive receptor: C2948)			
** DISCCART	407637.498193095	3758587.50038585	0.00	1.50
** receptor	=B2990+1 (sensitive receptor: C2949)			
** DISCCART	407687.500992907	3758587.50038585	0.00	1.50
** receptor	=B2991+1 (sensitive receptor: C2950)			
** DISCCART	407737.495546874	3758587.50038585	0.00	1.50
** receptor	=B2992+1 (sensitive receptor: C2951)			
** DISCCART	407787.498346685	3758587.50038585	0.00	1.50
** receptor	=B2993+1 (sensitive receptor: C2952)			
** DISCCART	407837.501146496	3758587.50038585	0.00	1.50
** receptor	=B2994+1 (sensitive receptor: C2953)			
** DISCCART	407887.503946307	3758587.50038585	0.00	1.50
** receptor	=B2995+1 (sensitive receptor: C2954)			
** DISCCART	407937.498500274	3758587.50038585	0.00	1.50
** receptor	=B2996+1 (sensitive receptor: C2955)			
** DISCCART	407987.501300085	3758587.50038585	0.00	1.50
** receptor	=B2997+1 (sensitive receptor: C2956)			
** DISCCART	408037.495854052	3758587.50038585	0.00	1.50
** receptor	=B2998+1 (sensitive receptor: C2957)			
** DISCCART	408087.498653864	3758587.50038585	0.00	1.50
** CENSUS BLOCK RECEPTORS				
** receptor	CE001 (census block: BLK408506021)			
** DISCCART	408749.806007506	3760427.54857406	0.00	0.00
** receptor	CE002 (census block: BLK408506022)			
** DISCCART	408576.447507959	3760430.48997928	0.00	0.00
** receptor	CE003 (census block: BLK408506023)			
** DISCCART	408341.802356354	3760655.27152249	0.00	0.00
** receptor	CE004 (census block: BLK408506024)			
** DISCCART	408422.133849846	3760726.40898221	0.00	0.00
** receptor	CE005 (census block: BLK408506025)			
** DISCCART	408512.511209633	3760597.35762377	0.00	0.00
** receptor	CE006 (census block: BLK408506026)			
** DISCCART	408737.147770783	3760284.26416171	0.00	0.00
** receptor	CE007 (census block: BLK500204000)			
** DISCCART	407589.230892095	3757492.83437839	0.00	0.00
** receptor	CE008 (census block: BLK500205000)			
** DISCCART	406297.845135922	3757662.03464915	285.40	0.00
** receptor	CE009 (census block: BLK500205002)			
** DISCCART	406584.226588385	3757389.73804016	259.10	0.00
** receptor	CE010 (census block: BLK500206000)			
** DISCCART	407118.838102641	3757983.49210563	374.60	0.00
** receptor	CE011 (census block: BLK500206001)			
** DISCCART	406874.273114441	3758349.69729429	380.50	0.00
** receptor	CE012 (census block: BLK500206002)			
** DISCCART	406620.194570995	3758320.89375412	351.20	0.00
** receptor	CE013 (census block: BLK500206003)			
** DISCCART	406622.538542243	3757771.77868935	308.70	0.00
** receptor	CE014 (census block: BLK500206004)			
** DISCCART	406913.04327271	3757488.0297645	284.30	0.00
** receptor	CE015 (census block: BLK500206005)			
** DISCCART	406700.61374404	3757538.34383004	285.70	0.00
** receptor	CE016 (census block: BLK500206006)			
** DISCCART	407066.218777817	3757290.66451125	282.70	0.00
** receptor	CE017 (census block: BLK500206007)			
** DISCCART	407127.283156841	3757406.39871061	301.70	0.00
** receptor	CE018 (census block: BLK500211003)			
** DISCCART	408971.490403303	3759219.36440925	0.00	0.00
** receptor	CE019 (census block: BLK500211005)			
** DISCCART	408922.461109132	3758958.82823152	0.00	0.00
** receptor	CE020 (census block: BLK500211006)			
** DISCCART	408826.497851097	3758875.99205586	0.00	0.00
** receptor	CE021 (census block: BLK500211007)			
** DISCCART	409072.446211828	3758868.12882921	0.00	0.00
** receptor	CE022 (census block: BLK500211009)			
** DISCCART	408994.970734935	3758728.42800494	0.00	0.00
** receptor	CE023 (census block: BLK500211010)			
** DISCCART	408227.331322753	3758224.39308564	0.00	0.00
** receptor	CE024 (census block: BLK500211011)			
** DISCCART	408139.692864938	3758492.59557442	0.00	0.00
** receptor	CE025 (census block: BLK500211012)			
** DISCCART	408581.968092922	3758154.12672608	0.00	0.00

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** receptor	CE026 (census block: BLK500211014)			
DISCCART	408461.584808023	3758025.84274235	0.00	0.00
** receptor	CE027 (census block: BLK500211016)			
DISCCART	407729.400128099	3758130.66335171	0.00	0.00
** receptor	CE028 (census block: BLK500211017)			
DISCCART	407645.410164862	3757976.23037572	0.00	0.00
** receptor	CE029 (census block: BLK500211018)			
DISCCART	407482.906231318	3757723.57574838	429.40	0.00
** receptor	CE030 (census block: BLK501602000)			
DISCCART	405320.372409447	3759819.90359013	397.10	0.00
** receptor	CE031 (census block: BLK501603000)			
DISCCART	405904.105071521	3759261.60693193	408.60	0.00
** receptor	CE032 (census block: BLK501603001)			
DISCCART	405691.519376126	3759433.35673872	446.10	0.00
** receptor	CE033 (census block: BLK501603002)			
DISCCART	405617.361162259	3759631.22815867	541.60	0.00
** receptor	CE034 (census block: BLK501603003)			
DISCCART	405524.653957262	3759523.85635574	432.00	0.00
** receptor	CE035 (census block: BLK501603004)			
DISCCART	405402.384335292	3759491.65726032	423.30	0.00
** receptor	CE036 (census block: BLK501603005)			
DISCCART	405646.010602342	3759322.97573433	394.10	0.00
** receptor	CE037 (census block: BLK501603006)			
DISCCART	405616.324715491	3759173.51836785	344.40	0.00
** receptor	CE038 (census block: BLK501603007)			
DISCCART	405512.622295278	3759095.02231357	321.40	0.00
** receptor	CE039 (census block: BLK501603008)			
DISCCART	405377.460981122	3759043.06949407	311.60	0.00
** receptor	CE040 (census block: BLK501603009)			
DISCCART	405466.316435546	3758975.76639931	308.30	0.00
** receptor	CE041 (census block: BLK501603010)			
DISCCART	405527.847444175	3758925.23486247	308.30	0.00
** receptor	CE042 (census block: BLK501604000)			
DISCCART	406550.621988931	3758915.09035494	380.50	0.00
** receptor	CE043 (census block: BLK501604001)			
DISCCART	406480.474429338	3759093.03218777	403.40	0.00
** receptor	CE044 (census block: BLK501604002)			
DISCCART	406259.70283558	3759222.54652611	424.70	0.00
** receptor	CE045 (census block: BLK501604003)			
DISCCART	406195.819017176	3759106.84555469	396.80	0.00
** receptor	CE046 (census block: BLK501604004)			
DISCCART	406070.236447137	3759025.17598326	370.80	0.00
** receptor	CE047 (census block: BLK501604005)			
DISCCART	405757.637016656	3758922.94604871	332.60	0.00
** receptor	CE048 (census block: BLK501604006)			
DISCCART	405844.377372919	3758855.24464319	330.80	0.00
** receptor	CE049 (census block: BLK501604007)			
DISCCART	406318.111493656	3758856.0474567	363.50	0.00
** receptor	CE050 (census block: BLK501604008)			
DISCCART	406403.525988595	3759010.45523479	390.70	0.00
** receptor	CE051 (census block: BLK501609006)			
DISCCART	406352	3759038.6	393.70	0.00
** receptor	CE052 (census block: BLK501609007)			
DISCCART	406045.007458668	3760461.19387418	629.80	0.00
** receptor	CE053 (census block: BLK501609021)			
DISCCART	407358.288904366	3758534.46922479	485.40	0.00
** receptor	CE054 (census block: BLK501609022)			
DISCCART	407261.672811583	3758458.84625731	476.20	0.00
** receptor	CE055 (census block: BLK501701000)			
DISCCART	406506.829211421	3758549.17860801	357.50	0.00
** receptor	CE056 (census block: BLK501701001)			
DISCCART	406457.905253804	3758377.91144033	344.40	0.00
** receptor	CE057 (census block: BLK501701002)			
DISCCART	406301.702564465	3758551.205023	341.10	0.00
** receptor	CE058 (census block: BLK501701003)			
DISCCART	406205.033192867	3758613.50092079	331.30	0.00
** receptor	CE059 (census block: BLK501701004)			
DISCCART	406115.409823153	3758675.30499346	328.00	0.00
** receptor	CE060 (census block: BLK501701005)			
DISCCART	406028.60716936	3758737.08197694	328.00	0.00
** receptor	CE061 (census block: BLK501701006)			
DISCCART	405938.281214678	3758798.89477874	330.90	0.00
** receptor	CE062 (census block: BLK501701007)			
DISCCART	405736.732356176	3758451.4745756	278.80	0.00
** receptor	CE063 (census block: BLK501701008)			
DISCCART	405814.426647488	3758395.28490412	281.70	0.00

Appendix B

NOx Annual Emissions Mitigated

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** receptor CE064 (census block: BLK501702000)
DISCCART 406257.679183628 3758091.80695965 317.50 0.00
** receptor CE065 (census block: BLK501702001)
DISCCART 406166.640545947 3758153.62433368 311.60 0.00
** receptor CE066 (census block: BLK501702002)
DISCCART 405932.301123578 3758196.55870925 288.60 0.00
** receptor CE067 (census block: BLK501702003)
DISCCART 406072.199550461 3758298.81329292 305.00 0.00
** receptor CE068 (census block: BLK501702004)
DISCCART 405823.105818611 3758062.69666328 275.50 0.00
** receptor CE069 (census block: BLK501702005)
DISCCART 405911.268844127 3757995.40511402 282.10 0.00
** receptor CE070 (census block: BLK501702006)
DISCCART 405982.128243211 3757889.36732389 285.40 0.00
** receptor CE071 (census block: BLK501702009)
DISCCART 405799.168562158 3757924.1806304 268.90 0.00
** receptor CE072 (census block: BLK501703000)
DISCCART 405647.799750434 3758653.29948119 291.60 0.00
** receptor CE073 (census block: BLK501703001)
DISCCART 405489.147947858 3758508.51203456 269.00 0.00
** receptor CE074 (census block: BLK501703002)
DISCCART 405436.440211818 3758454.46693022 262.40 0.00
** receptor CE075 (census block: BLK501703003)
DISCCART 405455.721934976 3758337.9409465 257.80 0.00
** receptor CE076 (census block: BLK501703008)
DISCCART 405549.158243318 3758092.92026298 252.60 0.00
** receptor CE077 (census block: BLK501703009)
DISCCART 405661.882628257 3758014.3827463 259.10 0.00
** receptor CE078 (census block: BLK501704000)
DISCCART 405479.717684811 3758764.54001026 290.90 0.00
** receptor CE079 (census block: BLK501704001)
DISCCART 405359.158071486 3758904.49796325 297.30 0.00
** receptor CE080 (census block: BLK501704002)
DISCCART 405170.69339449 3759021.02430729 308.30 0.00
** receptor CE081 (census block: BLK501704003)
DISCCART 405201.970281093 3758906.06962733 295.20 0.00
** receptor CE082 (census block: BLK501704004)
DISCCART 405349.866985966 3758821.25356942 288.60 0.00
** receptor CE083 (census block: BLK501704005)
DISCCART 405215.443840128 3758773.10283891 282.10 0.00
** receptor CE084 (census block: BLK501704008)
DISCCART 405359.746481381 3758681.13144629 275.50 0.00
** receptor CE085 (census block: BLK501704009)
DISCCART 405435.368442973 3758629.6125628 275.50 0.00
** receptor CE086 (census block: BLK501804000)
DISCCART 405236.452045736 3759463.70375868 368.70 0.00
** receptor CE087 (census block: BLK501804001)
DISCCART 405212.37968725 3759382.72247012 352.60 0.00
** receptor CE088 (census block: BLK501804009)
DISCCART 405186.175462272 3759300.07045068 343.50 0.00
** receptor CE089 (census block: BLK501804011)
DISCCART 405257.372829785 3759088.68814387 314.90 0.00
** receptor CE090 (census block: BLK501609001)
DISCCART 408456.668426364 3760361.84764575 0.00 0.00
** receptor CE091 (census block: BLK501609002)
DISCCART 408269.975683699 3760516.36774435 0.00 0.00
** receptor CE092 (census block: BLK501609003)
DISCCART 407367.835528453 3760879.65008316 1026.70 0.00
** receptor CE093 (census block: BLK501609004)
DISCCART 408322.620179824 3760275.57773676 0.00 0.00
** receptor CE094 (census block: BLK501609005)
DISCCART 408794.360235931 3759930.90793989 0.00 0.00
** receptor CE095 (census block: BLK501609008)
DISCCART 406130.797262568 3760014.46792851 584.40 0.00

```

RE FINISHED

ME STARTING

```

INPUTFIL c:\ISC\whittier.asc
ANEMHGHT 10 METERS
SURFDATA 53114 81 LosAngeles
UAIRDATA 91919 81 LosAngeles
STARTEND 81 1 1 81 12 31

```

Appendix B

NOx Annual Emissions Mitigated

ME FINISHED

OU STARTING

** PLOTFILE annual 1 c:\ISC\WHI_NOa.PLT

OU FINISHED

*** Message Summary For ISC3 Model Setup ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 0 Informational Message(s)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****

ME W360 7444 SET_WI:2-Digit Year Specified: Valid for Range 1950-2049 SURFDATA
RE W282 7437 CHK_EL:RecElev < SrcBase; See non-DEFAULT HE>ZI option in MCB#9

*** SETUP Finishes Successfully ***

• *** ISCST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS ANNUAL NOx emissions mitigated *** 12:00:00
**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 1
CONC

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**NO GAS DRY DEPOSITION Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses User-Specified Options:
1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Not Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.

**Model Accepts Receptors on ELEV Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

**This Run Includes: 4 Source(s); 1 Source Group(s); and 3690 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor

Appendix B

NOx Annual Emissions Mitigated

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.4 MB of RAM.

**Input Runstream File: WHI_NOam.inp
 **Output Print File: WHI_NOam.out
 **Detailed Error/Message File: c:\ISC\zERROR.ERR

• *** ISCSST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions mitigated *** 12:00:00
 PAGE 2

**MODELOPTs:
 CONC URBAN ELEV FLGPOL NOCALM

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
1	0	0.48000E-01	407065.0	3759568.0	150.9	12.20	1050.00	3.70	1.80	NO	
2	0	0.13000E-01	407085.0	3759498.0	150.9	6.10	565.00	2.80	0.25	NO	
3	0	0.11000E-01	407085.0	3759498.0	150.9	6.10	565.00	2.80	0.50	NO	
4	0	0.39700E+00	407130.0	3759340.0	147.8	4.00	783.00	3.60	0.20	NO	

• *** ISCSST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions mitigated *** 12:00:00
 PAGE 3

**MODELOPTs:
 CONC URBAN ELEV FLGPOL NOCALM

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

1 1, 2, 3, 4
 • *** ISCSST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions mitigated *** 12:00:00
 PAGE 4

**MODELOPTs:
 CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS *** (X-COORD, Y-COORD, ZELEV, ZFLAG) (METERS)

(409779.5, 3759787.5, 0.0, 1.5);	(409779.3, 3759762.5, 0.0, 1.5);
(409779.2, 3759737.5, 0.0, 1.5);	(409779.0, 3759712.5, 0.0, 1.5);
(409778.9, 3759687.5, 0.0, 1.5);	(409778.7, 3759662.5, 0.0, 1.5);
(409778.5, 3759637.5, 0.0, 1.5);	(409778.4, 3759612.5, 0.0, 1.5);
(409778.2, 3759587.5, 0.0, 1.5);	(409778.1, 3759562.5, 0.0, 1.5);
(409777.9, 3759537.5, 0.0, 1.5);	(409777.7, 3759512.5, 0.0, 1.5);
(409777.6, 3759487.5, 0.0, 1.5);	(409777.4, 3759462.5, 0.0, 1.5);
(409777.3, 3759437.5, 0.0, 1.5);	(409777.1, 3759412.5, 0.0, 1.5);
(409776.9, 3759387.5, 0.0, 1.5);	(409776.8, 3759362.5, 0.0, 1.5);
(409776.6, 3759337.5, 0.0, 1.5);	(409776.4, 3759312.5, 0.0, 1.5);
(409776.3, 3759287.5, 0.0, 1.5);	(409776.1, 3759262.5, 0.0, 1.5);
(409775.9, 3759237.5, 0.0, 1.5);	(409775.7, 3759212.5, 0.0, 1.5);
(409775.4, 3759187.5, 0.0, 1.5);	(409775.1, 3759162.5, 0.0, 1.5);
(409774.8, 3759137.5, 0.0, 1.5);	(409774.6, 3759112.5, 0.0, 1.5);
(409774.3, 3759087.5, 0.0, 1.5);	(409774.0, 3759062.5, 0.0, 1.5);
(409773.8, 3759037.5, 0.0, 1.5);	(409765.3, 3759020.3, 0.0, 1.5);
(409740.3, 3759020.5, 0.0, 1.5);	(409715.3, 3759021.0, 0.0, 1.5);
(409690.3, 3759021.3, 0.0, 1.5);	(409665.3, 3759021.5, 0.0, 1.5);
(409640.3, 3759021.8, 0.0, 1.5);	(409615.3, 3759022.3, 0.0, 1.5);
(409590.3, 3759022.5, 0.0, 1.5);	(409565.3, 3759022.8, 0.0, 1.5);
(409540.3, 3759023.3, 0.0, 1.5);	(409515.3, 3759024.3, 0.0, 1.5);
(409490.3, 3759025.3, 0.0, 1.5);	(409465.3, 3759026.5, 0.0, 1.5);
(409440.3, 3759027.0, 0.0, 1.5);	(409415.3, 3759027.8, 0.0, 1.5);
(409390.3, 3759027.8, 0.0, 1.5);	(409365.3, 3759028.5, 0.0, 1.5);

Appendix B

NOx Annual Emissions Mitigated

(409340.3, 3759029.0, 0.0, 1.5);	(409315.4, 3759029.5, 0.0, 1.5);
(409290.4, 3759030.0, 0.0, 1.5);	(409265.4, 3759030.5, 0.0, 1.5);
(409240.4, 3759031.0, 0.0, 1.5);	(409215.4, 3759031.5, 0.0, 1.5);
(409190.4, 3759032.0, 0.0, 1.5);	(409165.4, 3759032.5, 0.0, 1.5);
(409140.4, 3759033.0, 0.0, 1.5);	(409115.4, 3759033.5, 0.0, 1.5);
(409090.4, 3759034.0, 0.0, 1.5);	(409065.4, 3759034.5, 0.0, 1.5);
(409040.4, 3759035.0, 0.0, 1.5);	(409015.4, 3759035.5, 0.0, 1.5);
(408990.4, 3759036.3, 0.0, 1.5);	(408965.4, 3759036.8, 0.0, 1.5);
(408940.4, 3759037.3, 0.0, 1.5);	(408915.4, 3759037.8, 0.0, 1.5);
(408890.5, 3759038.3, 0.0, 1.5);	(408865.5, 3759038.8, 0.0, 1.5);
(408840.5, 3759039.3, 0.0, 1.5);	(408815.5, 3759039.8, 0.0, 1.5);
(408790.5, 3759040.3, 0.0, 1.5);	(408765.5, 3759040.8, 0.0, 1.5);
(408740.5, 3759041.3, 0.0, 1.5);	(408715.5, 3759041.8, 0.0, 1.5);
(408690.5, 3759042.3, 0.0, 1.5);	(408665.5, 3759042.8, 0.0, 1.5);
(408640.5, 3759043.3, 0.0, 1.5);	(408615.5, 3759044.0, 0.0, 1.5);
(408590.5, 3759044.5, 0.0, 1.5);	(408581.9, 3759028.8, 0.0, 1.5);
(408581.6, 3759004.0, 0.0, 1.5);	(408581.3, 3758979.0, 0.0, 1.5);
(408581.0, 3758954.0, 0.0, 1.5);	(408580.7, 3758929.0, 0.0, 1.5);
(408580.3, 3758904.0, 0.0, 1.5);	(408580.0, 3758879.0, 0.0, 1.5);
(408579.7, 3758854.0, 0.0, 1.5);	(408579.4, 3758829.0, 0.0, 1.5);
(408579.1, 3758804.0, 0.0, 1.5);	(408578.8, 3758779.0, 0.0, 1.5);

* *** ISCST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions mitigated *** 12:00:00
 **MODELOPTs: ** PAGE 5
 CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(408578.4, 3758754.0, 0.0, 1.5);	(408578.1, 3758729.0, 0.0, 1.5);
(408567.8, 3758707.5, 0.0, 1.5);	(408550.7, 3758689.5, 0.0, 1.5);
(408533.6, 3758671.3, 0.0, 1.5);	(408513.8, 3758658.5, 0.0, 1.5);
(408488.8, 3758658.8, 0.0, 1.5);	(408463.8, 3758659.3, 0.0, 1.5);
(408438.8, 3758659.8, 0.0, 1.5);	(408413.8, 3758660.3, 0.0, 1.5);
(408388.8, 3758660.5, 0.0, 1.5);	(408363.8, 3758661.0, 0.0, 1.5);
(408338.8, 3758661.5, 0.0, 1.5);	(408313.8, 3758662.0, 0.0, 1.5);
(408288.8, 3758662.5, 0.0, 1.5);	(408263.8, 3758662.8, 0.0, 1.5);
(408238.8, 3758663.3, 0.0, 1.5);	(408213.8, 3758663.8, 0.0, 1.5);
(408188.8, 3758664.3, 0.0, 1.5);	(408163.8, 3758664.5, 0.0, 1.5);
(408138.8, 3758665.0, 0.0, 1.5);	(408113.8, 3758665.5, 0.0, 1.5);
(408088.8, 3758666.0, 0.0, 1.5);	(408063.8, 3758666.3, 0.0, 1.5);
(408038.8, 3758666.8, 0.0, 1.5);	(408013.8, 3758667.3, 0.0, 1.5);
(407988.8, 3758667.8, 0.0, 1.5);	(407963.8, 3758668.3, 0.0, 1.5);
(407938.8, 3758668.5, 0.0, 1.5);	(407913.9, 3758669.0, 0.0, 1.5);
(407888.9, 3758669.5, 0.0, 1.5);	(407863.9, 3758670.0, 0.0, 1.5);
(407838.9, 3758670.3, 0.0, 1.5);	(407813.9, 3758670.8, 0.0, 1.5);
(407788.9, 3758671.3, 0.0, 1.5);	(407763.9, 3758671.8, 0.0, 1.5);
(407738.9, 3758672.3, 0.0, 1.5);	(407713.9, 3758672.5, 0.0, 1.5);
(407688.9, 3758673.0, 0.0, 1.5);	(407663.9, 3758673.5, 0.0, 1.5);
(407638.9, 3758674.0, 0.0, 1.5);	(407613.9, 3758674.3, 0.0, 1.5);
(407588.9, 3758674.8, 0.0, 1.5);	(407563.9, 3758675.3, 0.0, 1.5);
(407538.9, 3758675.8, 0.0, 1.5);	(407513.9, 3758676.3, 148.4, 1.5);
(407488.9, 3758676.8, 153.9, 1.5);	(407464.0, 3758678.0, 155.0, 1.5);
(407439.0, 3758679.3, 154.8, 1.5);	(407414.0, 3758680.8, 152.1, 1.5);
(407389.1, 3758682.0, 149.9, 1.5);	(407364.1, 3758683.3, 147.4, 1.5);
(407339.1, 3758684.8, 144.2, 1.5);	(407314.2, 3758686.0, 141.5, 1.5);
(407289.2, 3758687.3, 139.9, 1.5);	(407264.2, 3758688.8, 137.3, 1.5);
(407239.3, 3758690.0, 135.7, 1.5);	(407214.3, 3758691.3, 133.9, 1.5);
(407189.3, 3758692.8, 128.4, 1.5);	(407164.4, 3758694.0, 122.0, 1.5);
(407139.4, 3758695.3, 116.4, 1.5);	(407114.4, 3758696.5, 115.0, 1.5);
(407089.5, 3758698.0, 117.0, 1.5);	(407065.7, 3758703.5, 120.1, 1.5);
(407045.1, 3758717.8, 122.0, 1.5);	(407024.6, 3758731.8, 123.0, 1.5);
(407004.0, 3758746.0, 123.8, 1.5);	(406983.5, 3758760.3, 125.2, 1.5);
(406962.9, 3758774.5, 126.6, 1.5);	(406942.4, 3758788.8, 127.1, 1.5);
(406921.8, 3758803.0, 127.6, 1.5);	(406901.3, 3758817.3, 127.1, 1.5);
(406883.9, 3758804.5, 124.4, 1.5);	(406866.5, 3758786.5, 124.2, 1.5);
(406849.1, 3758768.5, 124.7, 1.5);	(406828.8, 3758753.8, 123.2, 1.5);
(406808.6, 3758739.0, 122.3, 1.5);	(406788.4, 3758724.5, 120.0, 1.5);
(406768.1, 3758709.8, 118.3, 1.5);	(406747.9, 3758695.0, 116.8, 1.5);
(406730.0, 3758678.5, 116.0, 1.5);	(406718.0, 3758656.8, 115.8, 1.5);
(406705.9, 3758634.8, 115.0, 1.5);	(406693.9, 3758612.8, 112.8, 1.5);
(406681.8, 3758591.0, 111.2, 1.5);	(406667.5, 3758575.5, 110.0, 1.5);
(406646.6, 3758589.3, 110.0, 1.5);	(406625.6, 3758603.0, 111.0, 1.5);
(406625.5, 3758621.5, 111.4, 1.5);	(406639.1, 3758642.5, 111.5, 1.5);

Appendix B

NOx Annual Emissions Mitigated

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL NOx emissions mitigated

*** 07/29/11
 *** 12:00:00
 *** PAGE 6

**MODELOPTs:

CONC URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406652.7, 3758663.5, 112.8, 1.5);	(406666.3, 3758684.5, 113.8, 1.5);
(406679.8, 3758705.5, 115.7, 1.5);	(406693.4, 3758726.5, 116.5, 1.5);
(406707.0, 3758747.5, 117.0, 1.5);	(406720.8, 3758768.0, 117.0, 1.5);
(406700.3, 3758782.0, 118.9, 1.5);	(406681.7, 3758797.3, 119.9, 1.5);
(406695.6, 3758818.0, 120.0, 1.5);	(406709.5, 3758839.0, 121.1, 1.5);
(406723.4, 3758859.8, 121.7, 1.5);	(406737.3, 3758880.5, 122.2, 1.5);
(406756.8, 3758895.5, 122.7, 1.5);	(406778.3, 3758908.5, 124.1, 1.5);
(406799.7, 3758921.3, 126.3, 1.5);	(406821.2, 3758934.3, 126.9, 1.5);
(406831.0, 3758956.3, 127.7, 1.5);	(406839.8, 3758979.8, 128.2, 1.5);
(406848.5, 3759003.3, 131.2, 1.5);	(406844.1, 3759021.8, 134.1, 1.5);
(406823.4, 3759035.8, 139.6, 1.5);	(406802.6, 3759049.8, 140.4, 1.5);
(406781.9, 3759063.8, 140.6, 1.5);	(406761.2, 3759077.8, 141.0, 1.5);
(406740.4, 3759091.5, 135.8, 1.5);	(406747.5, 3759112.5, 136.4, 1.5);
(406760.2, 3759134.0, 137.4, 1.5);	(406747.8, 3759150.0, 134.5, 1.5);
(406732.2, 3759166.5, 133.0, 1.5);	(406714.7, 3759177.0, 134.0, 1.5);
(406693.6, 3759190.5, 135.7, 1.5);	(406672.5, 3759204.0, 136.6, 1.5);
(406651.4, 3759217.3, 137.9, 1.5);	(406630.3, 3759230.8, 138.3, 1.5);
(406609.3, 3759244.3, 138.6, 1.5);	(406588.2, 3759257.8, 138.8, 1.5);
(406567.1, 3759271.0, 138.2, 1.5);	(406546.0, 3759284.5, 138.7, 1.5);
(406524.9, 3759298.0, 139.0, 1.5);	(406503.8, 3759311.5, 138.6, 1.5);
(406482.8, 3759324.8, 138.8, 1.5);	(406461.7, 3759338.3, 139.2, 1.5);
(406440.6, 3759351.8, 139.4, 1.5);	(406419.5, 3759365.3, 140.0, 1.5);
(406398.4, 3759378.5, 142.1, 1.5);	(406377.0, 3759392.3, 145.2, 1.5);
(406375.7, 3759417.3, 145.8, 1.5);	(406374.3, 3759442.3, 147.8, 1.5);
(406372.9, 3759467.3, 148.7, 1.5);	(406351.5, 3759469.5, 153.7, 1.5);
(406326.5, 3759468.8, 156.4, 1.5);	(406301.6, 3759468.0, 157.9, 1.5);
(406276.6, 3759467.3, 156.6, 1.5);	(406251.6, 3759466.5, 155.1, 1.5);
(406226.6, 3759465.8, 154.5, 1.5);	(406201.6, 3759465.0, 152.2, 1.5);
(406176.6, 3759464.3, 144.0, 1.5);	(406171.3, 3759484.5, 138.1, 1.5);
(406171.6, 3759509.5, 134.5, 1.5);	(406171.9, 3759534.5, 135.8, 1.5);
(406172.2, 3759559.5, 139.3, 1.5);	(406172.5, 3759584.5, 144.2, 1.5);
(406172.8, 3759609.5, 148.9, 1.5);	(406173.0, 3759634.5, 153.2, 1.5);
(406173.3, 3759659.5, 155.1, 1.5);	(406173.6, 3759684.5, 161.7, 1.5);
(406173.8, 3759709.5, 161.8, 1.5);	(406174.1, 3759734.5, 159.6, 1.5);
(406174.4, 3759759.5, 165.0, 1.5);	(406174.7, 3759784.5, 164.0, 1.5);
(406175.0, 3759809.5, 160.6, 1.5);	(406175.2, 3759834.5, 161.2, 1.5);
(406175.5, 3759859.5, 158.1, 1.5);	(406152.3, 3759859.5, 152.3, 1.5);
(406127.3, 3759859.0, 150.0, 1.5);	(406102.3, 3759858.3, 151.7, 1.5);
(406077.4, 3759857.5, 167.1, 1.5);	(406052.4, 3759856.8, 183.9, 1.5);
(406041.3, 3759871.0, 182.3, 1.5);	(406041.6, 3759896.0, 181.5, 1.5);
(406041.8, 3759921.0, 180.7, 1.5);	(406042.1, 3759946.0, 198.9, 1.5);
(406042.4, 3759971.0, 210.3, 1.5);	(406067.3, 3759972.5, 206.4, 1.5);
(406092.3, 3759973.5, 197.1, 1.5);	(406117.3, 3759974.3, 181.6, 1.5);
(406142.3, 3759975.0, 167.6, 1.5);	(406167.3, 3759975.8, 152.9, 1.5);
(406187.2, 3759980.8, 154.5, 1.5);	(406187.4, 3760005.8, 155.0, 1.5);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL NOx emissions mitigated

*** 07/29/11
 *** 12:00:00
 *** PAGE 7

**MODELOPTs:

CONC URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406187.7, 3760030.8, 156.3, 1.5);	(406188.0, 3760055.8, 159.2, 1.5);
(406188.3, 3760080.8, 168.7, 1.5);	(406188.5, 3760105.8, 184.7, 1.5);
(406188.8, 3760130.8, 184.8, 1.5);	(406189.1, 3760155.8, 177.6, 1.5);
(406189.3, 3760180.8, 189.5, 1.5);	(406189.6, 3760205.8, 203.7, 1.5);
(406189.9, 3760230.8, 214.5, 1.5);	(406190.1, 3760255.5, 217.2, 1.5);
(406198.2, 3760273.8, 216.3, 1.5);	(406223.2, 3760274.5, 222.0, 1.5);
(406248.2, 3760275.3, 221.6, 1.5);	(406270.6, 3760282.0, 219.7, 1.5);
(406289.8, 3760298.3, 219.2, 1.5);	(406308.9, 3760314.3, 229.1, 1.5);
(406328.1, 3760330.3, 234.6, 1.5);	(406347.3, 3760346.3, 239.6, 1.5);
(406366.4, 3760362.3, 239.2, 1.5);	(406385.6, 3760378.5, 231.6, 1.5);
(406404.8, 3760394.5, 232.6, 1.5);	(406423.9, 3760410.5, 231.4, 1.5);

Appendix B

NOx Annual Emissions Mitigated

(406438.6, 3760430.5,	241.2,	1.5);	(406453.1, 3760451.0,	251.2,	1.5);
(406464.5, 3760468.5,	257.6,	1.5);	(406439.7, 3760465.8,	258.3,	1.5);
(406414.8, 3760462.8,	259.4,	1.5);	(406390.3, 3760458.3,	259.9,	1.5);
(406366.0, 3760452.8,	258.2,	1.5);	(406354.5, 3760461.8,	257.9,	1.5);
(406362.3, 3760484.3,	243.0,	1.5);	(406383.8, 3760497.0,	241.5,	1.5);
(406405.2, 3760509.8,	241.7,	1.5);	(406422.6, 3760527.5,	238.0,	1.5);
(406440.1, 3760545.5,	239.7,	1.5);	(406459.6, 3760554.3,	253.9,	1.5);
(406482.2, 3760543.5,	262.8,	1.5);	(406504.8, 3760532.8,	271.7,	1.5);
(406527.3, 3760522.0,	276.6,	1.5);	(406549.9, 3760511.3,	280.4,	1.5);
(406572.5, 3760500.5,	285.3,	1.5);	(406596.6, 3760494.8,	289.0,	1.5);
(406621.1, 3760489.8,	289.3,	1.5);	(406645.0, 3760486.8,	298.0,	1.5);
(406667.1, 3760498.5,	299.9,	1.5);	(406684.1, 3760513.0,	295.6,	1.5);
(406685.7, 3760538.0,	290.1,	1.5);	(406687.4, 3760563.0,	286.9,	1.5);
(406689.1, 3760587.8,	282.9,	1.5);	(406690.7, 3760612.8,	276.2,	1.5);
(406692.4, 3760637.8,	274.7,	1.5);	(406694.1, 3760662.8,	278.7,	1.5);
(406695.7, 3760687.8,	282.5,	1.5);	(406694.0, 3760710.8,	283.4,	1.5);
(406675.7, 3760727.8,	282.9,	1.5);	(406657.3, 3760744.8,	283.2,	1.5);
(406638.9, 3760761.8,	279.8,	1.5);	(406620.6, 3760778.8,	277.1,	1.5);
(406600.1, 3760790.5,	277.5,	1.5);	(406575.3, 3760793.8,	278.5,	1.5);
(406550.5, 3760796.8,	277.8,	1.5);	(406525.7, 3760800.0,	277.4,	1.5);
(406500.9, 3760803.3,	276.6,	1.5);	(406478.0, 3760812.0,	274.0,	1.5);
(406457.2, 3760826.0,	272.4,	1.5);	(406436.4, 3760839.8,	271.5,	1.5);
(406415.5, 3760853.5,	268.9,	1.5);	(406392.3, 3760856.3,	265.3,	1.5);
(406367.4, 3760853.8,	265.3,	1.5);	(406342.5, 3760851.3,	264.1,	1.5);
(406317.7, 3760848.8,	263.7,	1.5);	(406292.8, 3760846.0,	263.4,	1.5);
(406267.9, 3760843.5,	265.9,	1.5);	(406244.1, 3760836.5,	269.2,	1.5);
(406220.3, 3760828.8,	269.6,	1.5);	(406196.6, 3760821.0,	268.7,	1.5);
(406172.8, 3760813.3,	265.3,	1.5);	(406149.1, 3760805.3,	264.3,	1.5);
(406125.3, 3760797.5,	263.1,	1.5);	(406105.6, 3760782.5,	263.0,	1.5);
(406085.9, 3760767.3,	256.3,	1.5);	(406083.4, 3760744.0,	256.3,	1.5);
(406083.9, 3760719.0,	255.4,	1.5);	(406084.4, 3760694.0,	251.2,	1.5);
(406073.8, 3760679.5,	248.3,	1.5);	(406048.8, 3760680.3,	246.6,	1.5);
(406023.8, 3760681.0,	232.8,	1.5);	(405998.8, 3760681.8,	214.4,	1.5);
(405973.8, 3760682.5,	199.1,	1.5);	(405948.8, 3760683.3,	197.3,	1.5);

• *** ISCS3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions mitigated *** 12:00:00
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 8
 CONC

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(405923.9, 3760684.0,	196.6,	1.5);	(405898.9, 3760684.8,	184.5,	1.5);
(405873.9, 3760685.5,	171.3,	1.5);	(405848.9, 3760686.3,	163.7,	1.5);
(405823.9, 3760687.0,	160.4,	1.5);	(405798.9, 3760687.8,	159.0,	1.5);
(405774.5, 3760683.8,	159.9,	1.5);	(405749.6, 3760682.3,	165.4,	1.5);
(405724.6, 3760682.5,	167.4,	1.5);	(405699.6, 3760682.8,	163.0,	1.5);
(405674.6, 3760683.0,	166.0,	1.5);	(405649.6, 3760683.3,	169.5,	1.5);
(405632.1, 3760691.5,	173.8,	1.5);	(405632.8, 3760716.5,	179.1,	1.5);
(405633.5, 3760741.5,	182.7,	1.5);	(405634.2, 3760766.5,	183.9,	1.5);
(405634.9, 3760791.5,	183.9,	1.5);	(405635.6, 3760816.5,	184.3,	1.5);
(405636.3, 3760841.5,	187.3,	1.5);	(405637.1, 3760866.5,	192.6,	1.5);
(405637.8, 3760891.5,	199.6,	1.5);	(405638.5, 3760916.5,	200.7,	1.5);
(405639.2, 3760941.5,	199.9,	1.5);	(405639.9, 3760966.5,	200.9,	1.5);
(405644.1, 3760990.8,	204.4,	1.5);	(405653.3, 3761014.0,	207.7,	1.5);
(405653.8, 3761039.0,	212.0,	1.5);	(405654.2, 3761064.0,	215.5,	1.5);
(405654.5, 3761089.0,	219.1,	1.5);	(405672.8, 3761096.3,	219.9,	1.5);
(405697.8, 3761095.5,	220.6,	1.5);	(405722.8, 3761095.0,	219.9,	1.5);
(405747.8, 3761094.5,	219.5,	1.5);	(405772.8, 3761093.8,	220.2,	1.5);
(405797.8, 3761093.3,	221.3,	1.5);	(405822.8, 3761092.5,	216.9,	1.5);
(405847.8, 3761092.0,	201.0,	1.5);	(405872.8, 3761091.5,	206.4,	1.5);
(405897.7, 3761090.8,	213.4,	1.5);	(405922.7, 3761090.3,	217.4,	1.5);
(405947.7, 3761089.5,	220.6,	1.5);	(405972.7, 3761089.0,	218.1,	1.5);
(405997.7, 3761088.5,	212.4,	1.5);	(406022.7, 3761087.8,	208.1,	1.5);
(406047.7, 3761087.3,	226.8,	1.5);	(406072.7, 3761086.5,	247.3,	1.5);
(406097.7, 3761086.0,	247.3,	1.5);	(406122.7, 3761085.5,	233.6,	1.5);
(406147.7, 3761084.8,	218.9,	1.5);	(406172.7, 3761084.3,	224.4,	1.5);
(406197.7, 3761083.5,	227.7,	1.5);	(406222.7, 3761083.0,	224.3,	1.5);
(406247.6, 3761082.5,	211.2,	1.5);	(406272.6, 3761081.8,	211.8,	1.5);
(406297.6, 3761081.3,	218.6,	1.5);	(406322.6, 3761080.5,	228.8,	1.5);
(406347.6, 3761080.0,	214.1,	1.5);	(406372.6, 3761079.5,	215.2,	1.5);
(406397.6, 3761078.8,	218.8,	1.5);	(406422.6, 3761078.3,	226.5,	1.5);
(406447.6, 3761077.5,	226.8,	1.5);	(406472.6, 3761077.0,	210.1,	1.5);
(406497.6, 3761076.5,	208.1,	1.5);	(406522.6, 3761075.8,	223.4,	1.5);

Appendix B

NOx Annual Emissions Mitigated

(406547.5, 3761075.3, 233.6, 1.5);	(406572.5, 3761074.5, 236.0, 1.5);
(406597.5, 3761074.0, 233.0, 1.5);	(406622.5, 3761073.5, 240.2, 1.5);
(406647.5, 3761072.8, 237.3, 1.5);	(406672.5, 3761072.3, 230.2, 1.5);
(406697.5, 3761071.5, 242.9, 1.5);	(406722.5, 3761071.0, 247.4, 1.5);
(406747.5, 3761070.5, 234.2, 1.5);	(406772.5, 3761069.8, 225.7, 1.5);
(406797.5, 3761069.3, 239.7, 1.5);	(406822.5, 3761068.5, 254.2, 1.5);
(406847.5, 3761068.0, 260.0, 1.5);	(406872.5, 3761067.5, 261.5, 1.5);
(406897.4, 3761066.8, 257.9, 1.5);	(406922.4, 3761066.3, 251.6, 1.5);
(406947.4, 3761065.5, 241.6, 1.5);	(406972.4, 3761065.0, 235.9, 1.5);
(406997.4, 3761064.5, 238.3, 1.5);	(407021.1, 3761061.8, 252.1, 1.5);
(407020.3, 3761036.8, 240.4, 1.5);	(407019.5, 3761011.8, 256.2, 1.5);
(407018.7, 3760986.8, 272.6, 1.5);	(407017.8, 3760961.8, 288.8, 1.5);
(407017.0, 3760936.8, 301.6, 1.5);	(407016.2, 3760911.8, 315.1, 1.5);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL NOx emissions mitigated

*** 07/29/11
*** 12:00:00
PAGE 9

**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(407015.4, 3760886.8, 319.3, 1.5);	(407014.6, 3760861.8, 314.4, 1.5);
(407013.8, 3760836.8, 308.8, 1.5);	(407012.9, 3760811.8, 306.0, 1.5);
(407012.1, 3760787.0, 302.2, 1.5);	(407011.3, 3760762.0, 294.3, 1.5);
(407010.5, 3760737.0, 283.3, 1.5);	(407009.7, 3760712.0, 271.6, 1.5);
(407008.8, 3760687.0, 257.2, 1.5);	(407008.0, 3760662.0, 246.0, 1.5);
(407031.9, 3760661.5, 234.8, 1.5);	(407056.9, 3760661.3, 216.4, 1.5);
(407081.9, 3760661.3, 219.8, 1.5);	(407106.9, 3760661.0, 245.4, 1.5);
(407131.9, 3760660.8, 260.5, 1.5);	(407156.9, 3760660.5, 267.9, 1.5);
(407181.9, 3760660.3, 282.2, 1.5);	(407206.9, 3760660.0, 296.7, 1.5);
(407231.9, 3760660.0, 308.2, 1.5);	(407256.9, 3760659.8, 311.9, 1.5);
(407281.9, 3760659.5, 304.9, 1.5);	(407306.9, 3760659.3, 293.3, 1.5);
(407331.9, 3760659.0, 285.1, 1.5);	(407356.9, 3760659.0, 292.3, 1.5);
(407381.9, 3760658.8, 292.6, 1.5);	(407406.9, 3760658.5, 291.2, 1.5);
(407431.9, 3760658.3, 297.4, 1.5);	(407456.9, 3760658.0, 301.5, 1.5);
(407481.9, 3760657.8, 303.3, 1.5);	(407506.9, 3760657.8, 294.0, 1.5);
(407531.9, 3760657.5, 287.6, 1.5);	(407556.9, 3760657.3, 0.0, 1.5);
(407581.9, 3760657.0, 0.0, 1.5);	(407606.9, 3760656.8, 0.0, 1.5);
(407631.9, 3760656.8, 0.0, 1.5);	(407656.9, 3760656.5, 0.0, 1.5);
(407681.9, 3760656.3, 0.0, 1.5);	(407706.9, 3760656.0, 0.0, 1.5);
(407731.9, 3760655.8, 0.0, 1.5);	(407756.9, 3760655.5, 0.0, 1.5);
(407781.9, 3760655.5, 0.0, 1.5);	(407806.9, 3760655.3, 0.0, 1.5);
(407831.9, 3760655.0, 0.0, 1.5);	(407856.9, 3760654.8, 0.0, 1.5);
(407881.9, 3760654.5, 0.0, 1.5);	(407906.9, 3760654.3, 0.0, 1.5);
(407931.9, 3760654.3, 0.0, 1.5);	(407956.9, 3760654.0, 0.0, 1.5);
(407981.9, 3760653.8, 0.0, 1.5);	(408006.9, 3760653.5, 0.0, 1.5);
(408031.9, 3760653.3, 0.0, 1.5);	(408056.9, 3760653.3, 0.0, 1.5);
(408081.9, 3760653.0, 0.0, 1.5);	(408106.9, 3760652.8, 0.0, 1.5);
(408131.9, 3760652.5, 0.0, 1.5);	(408156.9, 3760652.3, 0.0, 1.5);
(408181.9, 3760652.0, 0.0, 1.5);	(408206.9, 3760652.0, 0.0, 1.5);
(408225.8, 3760645.0, 0.0, 1.5);	(408224.9, 3760620.0, 0.0, 1.5);
(408224.2, 3760595.0, 0.0, 1.5);	(408223.3, 3760570.0, 0.0, 1.5);
(408222.6, 3760545.0, 0.0, 1.5);	(408221.8, 3760520.0, 0.0, 1.5);
(408220.9, 3760495.0, 0.0, 1.5);	(408220.2, 3760470.0, 0.0, 1.5);
(408219.3, 3760445.0, 0.0, 1.5);	(408218.6, 3760420.0, 0.0, 1.5);
(408217.8, 3760395.0, 0.0, 1.5);	(408216.9, 3760370.0, 0.0, 1.5);
(408216.2, 3760345.0, 0.0, 1.5);	(408215.3, 3760320.0, 0.0, 1.5);
(408214.6, 3760295.0, 0.0, 1.5);	(408213.8, 3760270.0, 0.0, 1.5);
(408213.0, 3760245.3, 0.0, 1.5);	(408212.2, 3760220.3, 0.0, 1.5);
(408211.4, 3760195.3, 0.0, 1.5);	(408210.6, 3760170.3, 0.0, 1.5);
(408209.8, 3760145.3, 0.0, 1.5);	(408209.0, 3760120.3, 0.0, 1.5);
(408208.2, 3760095.3, 0.0, 1.5);	(408207.4, 3760070.3, 0.0, 1.5);
(408206.6, 3760045.3, 0.0, 1.5);	(408205.8, 3760020.3, 0.0, 1.5);
(408205.0, 3759995.3, 0.0, 1.5);	(408204.2, 3759970.3, 0.0, 1.5);
(408203.4, 3759945.3, 0.0, 1.5);	(408202.6, 3759920.3, 0.0, 1.5);
(408201.8, 3759895.3, 0.0, 1.5);	(408201.0, 3759870.3, 0.0, 1.5);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL NOx emissions mitigated

*** 07/29/11
*** 12:00:00
PAGE 10

**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)

Appendix B

NOx Annual Emissions Mitigated

(METERS)

(408201.6, 3759847.5, 0.0, 1.5);	(408226.6, 3759847.3, 0.0, 1.5);
(408251.6, 3759846.8, 0.0, 1.5);	(408276.6, 3759846.3, 0.0, 1.5);
(408301.6, 3759846.0, 0.0, 1.5);	(408326.6, 3759845.5, 0.0, 1.5);
(408351.6, 3759845.3, 0.0, 1.5);	(408376.6, 3759844.8, 0.0, 1.5);
(408401.6, 3759844.5, 0.0, 1.5);	(408426.6, 3759844.0, 0.0, 1.5);
(408451.5, 3759843.8, 0.0, 1.5);	(408476.5, 3759843.3, 0.0, 1.5);
(408501.5, 3759842.8, 0.0, 1.5);	(408526.5, 3759842.5, 0.0, 1.5);
(408551.5, 3759842.0, 0.0, 1.5);	(408576.5, 3759841.8, 0.0, 1.5);
(408601.5, 3759841.3, 0.0, 1.5);	(408626.5, 3759841.0, 0.0, 1.5);
(408651.5, 3759840.5, 0.0, 1.5);	(408676.5, 3759840.3, 0.0, 1.5);
(408701.5, 3759839.8, 0.0, 1.5);	(408726.5, 3759839.5, 0.0, 1.5);
(408751.5, 3759839.0, 0.0, 1.5);	(408776.5, 3759838.5, 0.0, 1.5);
(408801.5, 3759838.3, 0.0, 1.5);	(408826.5, 3759837.8, 0.0, 1.5);
(408851.5, 3759837.5, 0.0, 1.5);	(408876.5, 3759837.0, 0.0, 1.5);
(408901.5, 3759836.8, 0.0, 1.5);	(408926.5, 3759836.3, 0.0, 1.5);
(408951.5, 3759836.0, 0.0, 1.5);	(408976.5, 3759835.5, 0.0, 1.5);
(409001.5, 3759835.0, 0.0, 1.5);	(409026.5, 3759834.8, 0.0, 1.5);
(409051.5, 3759834.3, 0.0, 1.5);	(409076.5, 3759834.0, 0.0, 1.5);
(409101.5, 3759833.5, 0.0, 1.5);	(409126.5, 3759833.3, 0.0, 1.5);
(409151.5, 3759833.0, 0.0, 1.5);	(409176.5, 3759832.5, 0.0, 1.5);
(409201.5, 3759832.3, 0.0, 1.5);	(409226.5, 3759832.0, 0.0, 1.5);
(409251.5, 3759831.5, 0.0, 1.5);	(409276.4, 3759831.3, 0.0, 1.5);
(409301.4, 3759831.0, 0.0, 1.5);	(409326.4, 3759830.5, 0.0, 1.5);
(409351.4, 3759830.3, 0.0, 1.5);	(409376.4, 3759830.0, 0.0, 1.5);
(409401.4, 3759829.5, 0.0, 1.5);	(409426.4, 3759829.3, 0.0, 1.5);
(409451.4, 3759829.0, 0.0, 1.5);	(409476.4, 3759828.5, 0.0, 1.5);
(409501.4, 3759828.3, 0.0, 1.5);	(409526.4, 3759828.0, 0.0, 1.5);
(409551.4, 3759827.5, 0.0, 1.5);	(409576.4, 3759827.3, 0.0, 1.5);
(409601.4, 3759827.0, 0.0, 1.5);	(409626.4, 3759826.5, 0.0, 1.5);
(409651.4, 3759826.3, 0.0, 1.5);	(409676.4, 3759826.0, 0.0, 1.5);
(409700.9, 3759821.5, 0.0, 1.5);	(409724.6, 3759813.5, 0.0, 1.5);
(409748.3, 3759805.8, 0.0, 1.5);	(409772.0, 3759797.8, 0.0, 1.5);
(407390.9, 3759093.5, 138.5, 1.5);	(407365.1, 3759080.3, 138.6, 1.5);
(407339.8, 3759067.5, 139.9, 1.5);	(407316.6, 3759058.8, 141.3, 1.5);
(407283.2, 3759053.0, 144.3, 1.5);	(407252.9, 3759048.8, 145.0, 1.5);
(407225.7, 3759048.5, 145.0, 1.5);	(407197.0, 3759050.0, 143.7, 1.5);
(407179.0, 3759048.0, 141.9, 1.5);	(407162.8, 3759027.3, 140.9, 1.5);
(407144.1, 3759004.0, 138.4, 1.5);	(407126.5, 3758984.8, 135.1, 1.5);
(407105.8, 3758967.5, 133.6, 1.5);	(407088.2, 3758951.8, 133.5, 1.5);
(407069.5, 3758935.3, 133.2, 1.5);	(407049.3, 3758918.5, 132.9, 1.5);
(407036.3, 3758905.0, 131.9, 1.5);	(407039.7, 3758879.3, 133.0, 1.5);
(407046.7, 3758854.3, 130.9, 1.5);	(407052.5, 3758829.0, 130.0, 1.5);
(407055.9, 3758804.5, 128.7, 1.5);	(407059.2, 3758781.5, 127.0, 1.5);
(407066.3, 3758771.8, 126.4, 1.5);	(407073.9, 3758765.0, 125.1, 1.5);
(407083.1, 3758759.5, 124.1, 1.5);	(407094.4, 3758756.8, 124.0, 1.5);

*** ICSCT3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

*** ANALYSIS ANNUAL NOx emissions mitigated

07/29/11

12:00:00

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**MODELOPTs:

CONC URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZFLAG)

(METERS)

(407109.3, 3758764.3, 124.6, 1.5);	(407134.6, 3758776.8, 124.4, 1.5);
(407157.8, 3758790.8, 125.3, 1.5);	(407181.6, 3758803.3, 126.5, 1.5);
(407205.4, 3758815.8, 127.4, 1.5);	(407230.7, 3758833.5, 129.5, 1.5);
(407254.0, 3758858.3, 130.5, 1.5);	(407272.7, 3758877.5, 130.6, 1.5);
(405962.5, 3758512.5, 92.0, 1.5);	(405962.5, 3758487.5, 91.0, 1.5);
(405962.5, 3758462.5, 91.0, 1.5);	(405962.5, 3758437.5, 91.0, 1.5);
(405962.5, 3758412.5, 90.3, 1.5);	(405962.5, 3758387.5, 90.3, 1.5);
(405962.5, 3758362.5, 90.0, 1.5);	(405962.5, 3758337.5, 90.0, 1.5);
(405962.5, 3758312.5, 90.0, 1.5);	(405962.5, 3758287.5, 90.0, 1.5);
(405962.5, 3758262.5, 90.0, 1.5);	(405962.5, 3758237.5, 89.2, 1.5);
(405962.5, 3758212.5, 89.1, 1.5);	(405962.5, 3758187.5, 89.0, 1.5);
(405962.5, 3758162.5, 89.0, 1.5);	(405962.5, 3758137.5, 88.3, 1.5);
(405987.5, 3758512.5, 92.8, 1.5);	(405987.5, 3758487.5, 92.0, 1.5);
(405987.5, 3758462.5, 91.3, 1.5);	(405987.5, 3758437.5, 91.0, 1.5);
(405987.5, 3758412.5, 91.0, 1.5);	(405987.5, 3758387.5, 91.0, 1.5);
(405987.5, 3758362.5, 91.0, 1.5);	(405987.5, 3758337.5, 91.0, 1.5);
(405987.5, 3758312.5, 91.0, 1.5);	(405987.5, 3758287.5, 91.0, 1.5);
(405987.5, 3758262.5, 90.8, 1.5);	(405987.5, 3758237.5, 90.0, 1.5);
(405987.5, 3758212.5, 90.0, 1.5);	(405987.5, 3758187.5, 89.8, 1.5);

Appendix B

NOx Annual Emissions Mitigated

(405987.5, 3758162.5, 89.3, 1.5);	(405987.5, 3758137.5, 89.0, 1.5);
(406012.5, 3758512.5, 93.1, 1.5);	(406012.5, 3758487.5, 93.0, 1.5);
(406012.5, 3758462.5, 92.1, 1.5);	(406012.5, 3758437.5, 92.0, 1.5);
(406012.5, 3758412.5, 92.0, 1.5);	(406012.5, 3758387.5, 91.3, 1.5);
(406012.5, 3758362.5, 91.3, 1.5);	(406012.5, 3758337.5, 91.3, 1.5);
(406012.5, 3758312.5, 91.6, 1.5);	(406012.5, 3758287.5, 91.3, 1.5);
(406012.5, 3758262.5, 91.0, 1.5);	(406012.5, 3758237.5, 91.0, 1.5);
(406012.5, 3758212.5, 91.0, 1.5);	(406012.5, 3758187.5, 90.3, 1.5);
(406012.5, 3758162.5, 90.0, 1.5);	(406012.5, 3758137.5, 90.0, 1.5);
(406037.5, 3758512.5, 94.0, 1.5);	(406037.5, 3758487.5, 93.7, 1.5);
(406037.5, 3758462.5, 93.0, 1.5);	(406037.5, 3758437.5, 93.0, 1.5);
(406037.5, 3758412.5, 92.8, 1.5);	(406037.5, 3758387.5, 92.0, 1.5);
(406037.5, 3758362.5, 92.0, 1.5);	(406037.5, 3758337.5, 92.0, 1.5);
(406037.5, 3758312.5, 92.0, 1.5);	(406037.5, 3758287.5, 92.0, 1.5);
(406037.5, 3758262.5, 92.0, 1.5);	(406037.5, 3758237.5, 91.7, 1.5);
(406037.5, 3758212.5, 91.0, 1.5);	(406037.5, 3758187.5, 91.0, 1.5);
(406037.5, 3758162.5, 91.0, 1.5);	(406037.5, 3758137.5, 91.0, 1.5);
(406062.5, 3758512.5, 95.0, 1.5);	(406062.5, 3758487.5, 94.2, 1.5);
(406062.5, 3758462.5, 94.0, 1.5);	(406062.5, 3758437.5, 93.3, 1.5);
(406062.5, 3758412.5, 93.1, 1.5);	(406062.5, 3758387.5, 93.0, 1.5);
(406062.5, 3758362.5, 93.0, 1.5);	(406062.5, 3758337.5, 93.0, 1.5);
(406062.5, 3758312.5, 93.0, 1.5);	(406062.5, 3758287.5, 93.0, 1.5);
(406062.5, 3758262.5, 92.6, 1.5);	(406062.5, 3758237.5, 92.3, 1.5);
(406062.5, 3758212.5, 92.0, 1.5);	(406062.5, 3758187.5, 91.3, 1.5);
(406062.5, 3758162.5, 91.1, 1.5);	(406062.5, 3758137.5, 91.3, 1.5);
(406087.5, 3758512.5, 95.0, 1.5);	(406087.5, 3758487.5, 95.0, 1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions mitigated *** 12:00:00
 **MODELOPTs: ** PAGE 12
 CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406087.5, 3758462.5, 94.9, 1.5);	(406087.5, 3758437.5, 94.0, 1.5);
(406087.5, 3758412.5, 94.0, 1.5);	(406087.5, 3758387.5, 94.0, 1.5);
(406087.5, 3758362.5, 94.0, 1.5);	(406087.5, 3758337.5, 93.8, 1.5);
(406087.5, 3758312.5, 93.8, 1.5);	(406087.5, 3758287.5, 93.7, 1.5);
(406087.5, 3758262.5, 93.0, 1.5);	(406087.5, 3758237.5, 93.0, 1.5);
(406087.5, 3758212.5, 92.8, 1.5);	(406087.5, 3758187.5, 92.0, 1.5);
(406087.5, 3758162.5, 92.0, 1.5);	(406087.5, 3758137.5, 92.0, 1.5);
(406112.5, 3758512.5, 96.0, 1.5);	(406112.5, 3758487.5, 96.0, 1.5);
(406112.5, 3758462.5, 95.1, 1.5);	(406112.5, 3758437.5, 95.0, 1.5);
(406112.5, 3758412.5, 95.0, 1.5);	(406112.5, 3758387.5, 94.2, 1.5);
(406112.5, 3758362.5, 94.2, 1.5);	(406112.5, 3758337.5, 94.2, 1.5);
(406112.5, 3758312.5, 94.0, 1.5);	(406112.5, 3758287.5, 94.0, 1.5);
(406112.5, 3758262.5, 94.0, 1.5);	(406112.5, 3758237.5, 94.0, 1.5);
(406112.5, 3758212.5, 93.3, 1.5);	(406112.5, 3758187.5, 93.3, 1.5);
(406112.5, 3758162.5, 93.0, 1.5);	(406112.5, 3758137.5, 93.0, 1.5);
(406137.5, 3758512.5, 97.0, 1.5);	(406137.5, 3758487.5, 96.0, 1.5);
(406137.5, 3758462.5, 96.0, 1.5);	(406137.5, 3758437.5, 95.7, 1.5);
(406137.5, 3758412.5, 95.0, 1.5);	(406137.5, 3758387.5, 95.0, 1.5);
(406137.5, 3758362.5, 95.0, 1.5);	(406137.5, 3758337.5, 95.0, 1.5);
(406137.5, 3758312.5, 95.0, 1.5);	(406137.5, 3758287.5, 95.0, 1.5);
(406137.5, 3758262.5, 94.8, 1.5);	(406137.5, 3758237.5, 94.8, 1.5);
(406137.5, 3758212.5, 94.3, 1.5);	(406137.5, 3758187.5, 94.0, 1.5);
(406137.5, 3758162.5, 94.0, 1.5);	(406137.5, 3758137.5, 94.0, 1.5);
(406162.5, 3758512.5, 97.6, 1.5);	(406162.5, 3758487.5, 97.0, 1.5);
(406162.5, 3758462.5, 96.6, 1.5);	(406162.5, 3758437.5, 96.0, 1.5);
(406162.5, 3758412.5, 96.0, 1.5);	(406162.5, 3758387.5, 96.0, 1.5);
(406162.5, 3758362.5, 95.3, 1.5);	(406162.5, 3758337.5, 95.3, 1.5);
(406162.5, 3758312.5, 95.1, 1.5);	(406162.5, 3758287.5, 95.0, 1.5);
(406162.5, 3758262.5, 95.0, 1.5);	(406162.5, 3758237.5, 95.0, 1.5);
(406162.5, 3758212.5, 95.0, 1.5);	(406162.5, 3758187.5, 95.0, 1.5);
(406162.5, 3758162.5, 95.0, 1.5);	(406162.5, 3758137.5, 95.0, 1.5);
(406187.5, 3758512.5, 98.0, 1.5);	(406187.5, 3758487.5, 97.7, 1.5);
(406187.5, 3758462.5, 97.0, 1.5);	(406187.5, 3758437.5, 97.0, 1.5);
(406187.5, 3758412.5, 96.9, 1.5);	(406187.5, 3758387.5, 96.7, 1.5);
(406187.5, 3758362.5, 96.0, 1.5);	(406187.5, 3758337.5, 96.0, 1.5);
(406187.5, 3758312.5, 96.0, 1.5);	(406187.5, 3758287.5, 96.0, 1.5);
(406187.5, 3758262.5, 96.0, 1.5);	(406187.5, 3758237.5, 96.0, 1.5);
(406187.5, 3758212.5, 96.0, 1.5);	(406187.5, 3758187.5, 96.0, 1.5);
(406187.5, 3758162.5, 95.8, 1.5);	(406187.5, 3758137.5, 95.0, 1.5);
(406212.5, 3758512.5, 99.0, 1.5);	(406212.5, 3758487.5, 98.3, 1.5);

Appendix B

NOx Annual Emissions Mitigated

```
( 406212.5, 3758462.5, 98.0, 1.5); ( 406212.5, 3758437.5, 98.0, 1.5);
( 406212.5, 3758412.5, 97.3, 1.5); ( 406212.5, 3758387.5, 97.0, 1.5);
( 406212.5, 3758362.5, 97.3, 1.5); ( 406212.5, 3758337.5, 97.0, 1.5);
( 406212.5, 3758312.5, 97.0, 1.5); ( 406212.5, 3758287.5, 97.0, 1.5);
( 406212.5, 3758262.5, 97.0, 1.5); ( 406212.5, 3758237.5, 97.0, 1.5);
• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT ***
*** ANALYSIS ANNUAL NOx emissions mitigated ***
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12:00:00
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**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

```
( 406212.5, 3758212.5, 97.0, 1.5); ( 406212.5, 3758187.5, 97.0, 1.5);
( 406212.5, 3758162.5, 96.6, 1.5); ( 406212.5, 3758137.5, 96.0, 1.5);
( 406237.5, 3758512.5, 100.3, 1.5); ( 406237.5, 3758487.5, 99.8, 1.5);
( 406237.5, 3758462.5, 99.0, 1.5); ( 406237.5, 3758437.5, 98.7, 1.5);
( 406237.5, 3758412.5, 98.0, 1.5); ( 406237.5, 3758387.5, 98.0, 1.5);
( 406237.5, 3758362.5, 98.0, 1.5); ( 406237.5, 3758337.5, 97.7, 1.5);
( 406237.5, 3758312.5, 97.7, 1.5); ( 406237.5, 3758287.5, 97.7, 1.5);
( 406237.5, 3758262.5, 97.7, 1.5); ( 406237.5, 3758237.5, 97.7, 1.5);
( 406237.5, 3758212.5, 98.0, 1.5); ( 406237.5, 3758187.5, 98.0, 1.5);
( 406237.5, 3758162.5, 97.0, 1.5); ( 406237.5, 3758137.5, 97.0, 1.5);
( 406262.5, 3758512.5, 101.6, 1.5); ( 406262.5, 3758487.5, 101.0, 1.5);
( 406262.5, 3758462.5, 100.2, 1.5); ( 406262.5, 3758437.5, 99.9, 1.5);
( 406262.5, 3758412.5, 99.1, 1.5); ( 406262.5, 3758387.5, 99.0, 1.5);
( 406262.5, 3758362.5, 99.0, 1.5); ( 406262.5, 3758337.5, 98.3, 1.5);
( 406262.5, 3758312.5, 98.0, 1.5); ( 406262.5, 3758287.5, 98.0, 1.5);
( 406262.5, 3758262.5, 98.1, 1.5); ( 406262.5, 3758237.5, 98.3, 1.5);
( 406262.5, 3758212.5, 98.0, 1.5); ( 406262.5, 3758187.5, 98.0, 1.5);
( 406262.5, 3758162.5, 98.0, 1.5); ( 406262.5, 3758137.5, 97.0, 1.5);
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( 406287.5, 3758412.5, 100.3, 1.5); ( 406287.5, 3758387.5, 100.0, 1.5);
( 406287.5, 3758362.5, 99.9, 1.5); ( 406287.5, 3758337.5, 99.7, 1.5);
( 406287.5, 3758312.5, 99.0, 1.5); ( 406287.5, 3758287.5, 99.0, 1.5);
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( 406287.5, 3758212.5, 99.0, 1.5); ( 406287.5, 3758187.5, 98.0, 1.5);
( 406287.5, 3758162.5, 98.0, 1.5); ( 406287.5, 3758137.5, 98.0, 1.5);
( 406312.5, 3758512.5, 103.1, 1.5); ( 406312.5, 3758487.5, 102.3, 1.5);
( 406312.5, 3758462.5, 102.0, 1.5); ( 406312.5, 3758437.5, 102.0, 1.5);
( 406312.5, 3758412.5, 101.3, 1.5); ( 406312.5, 3758387.5, 101.0, 1.5);
( 406312.5, 3758362.5, 101.0, 1.5); ( 406312.5, 3758337.5, 100.2, 1.5);
( 406312.5, 3758312.5, 100.0, 1.5); ( 406312.5, 3758287.5, 100.0, 1.5);
( 406312.5, 3758262.5, 100.0, 1.5); ( 406312.5, 3758237.5, 100.0, 1.5);
( 406312.5, 3758212.5, 99.1, 1.5); ( 406312.5, 3758187.5, 99.0, 1.5);
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**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

```
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( 406362.5, 3758262.5, 101.0, 1.5); ( 406362.5, 3758237.5, 100.0, 1.5);
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( 406362.5, 3758162.5, 98.8, 1.5); ( 406362.5, 3758137.5, 98.7, 1.5);
( 406387.5, 3758512.5, 105.0, 1.5); ( 406387.5, 3758487.5, 105.0, 1.5);
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Appendix B

				NOx Annual Emissions Mitigated			
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(406387.5, 3758412.5,	104.0,	1.5);	(406387.5, 3758387.5,	103.0,	1.5);		
(406387.5, 3758362.5,	103.0,	1.5);	(406387.5, 3758337.5,	102.7,	1.5);		
(406387.5, 3758312.5,	102.0,	1.5);	(406387.5, 3758287.5,	102.0,	1.5);		
(406387.5, 3758262.5,	101.0,	1.5);	(406387.5, 3758237.5,	100.0,	1.5);		
(406387.5, 3758212.5,	99.0,	1.5);	(406387.5, 3758187.5,	98.2,	1.5);		
(406387.5, 3758162.5,	98.0,	1.5);	(406387.5, 3758137.5,	98.0,	1.5);		
(406412.5, 3758512.5,	106.0,	1.5);	(406412.5, 3758487.5,	105.0,	1.5);		
(406412.5, 3758462.5,	105.0,	1.5);	(406412.5, 3758437.5,	105.0,	1.5);		
(406412.5, 3758412.5,	104.1,	1.5);	(406412.5, 3758387.5,	104.0,	1.5);		
(406412.5, 3758362.5,	103.6,	1.5);	(406412.5, 3758337.5,	103.0,	1.5);		
(406412.5, 3758312.5,	102.6,	1.5);	(406412.5, 3758287.5,	102.0,	1.5);		
(406412.5, 3758262.5,	100.8,	1.5);	(406412.5, 3758237.5,	99.0,	1.5);		
(406412.5, 3758212.5,	98.3,	1.5);	(406412.5, 3758187.5,	98.0,	1.5);		
(406412.5, 3758162.5,	98.0,	1.5);	(406412.5, 3758137.5,	98.0,	1.5);		
(406437.5, 3758512.5,	106.3,	1.5);	(406437.5, 3758487.5,	106.0,	1.5);		
(406437.5, 3758462.5,	105.3,	1.5);	(406437.5, 3758437.5,	105.0,	1.5);		
(406437.5, 3758412.5,	105.0,	1.5);	(406437.5, 3758387.5,	104.7,	1.5);		
(406437.5, 3758362.5,	104.0,	1.5);	(406437.5, 3758337.5,	104.0,	1.5);		
(406437.5, 3758312.5,	103.0,	1.5);	(406437.5, 3758287.5,	102.0,	1.5);		
(406437.5, 3758262.5,	100.0,	1.5);	(406437.5, 3758237.5,	98.2,	1.5);		
(406437.5, 3758212.5,	98.0,	1.5);	(406437.5, 3758187.5,	98.0,	1.5);		
(406437.5, 3758162.5,	98.0,	1.5);	(406437.5, 3758137.5,	98.0,	1.5);		
(406462.5, 3758512.5,	107.0,	1.5);	(406462.5, 3758487.5,	106.0,	1.5);		
(406462.5, 3758462.5,	106.0,	1.5);	(406462.5, 3758437.5,	105.2,	1.5);		
(406462.5, 3758412.5,	105.0,	1.5);	(406462.5, 3758387.5,	105.0,	1.5);		
(406462.5, 3758362.5,	104.6,	1.5);	(406462.5, 3758337.5,	104.0,	1.5);		
(406462.5, 3758312.5,	103.6,	1.5);	(406462.5, 3758287.5,	102.3,	1.5);		
(406462.5, 3758262.5,	99.3,	1.5);	(406462.5, 3758237.5,	98.0,	1.5);		
(406462.5, 3758212.5,	98.0,	1.5);	(406462.5, 3758187.5,	98.3,	1.5);		
(406462.5, 3758162.5,	98.6,	1.5);	(406462.5, 3758137.5,	99.2,	1.5);		
(406487.5, 3758512.5,	107.9,	1.5);	(406487.5, 3758487.5,	107.0,	1.5);		
(406487.5, 3758462.5,	106.0,	1.5);	(406487.5, 3758437.5,	106.0,	1.5);		
(406487.5, 3758412.5,	105.0,	1.5);	(406487.5, 3758387.5,	105.0,	1.5);		
(406487.5, 3758362.5,	105.0,	1.5);	(406487.5, 3758337.5,	104.0,	1.5);		
(406487.5, 3758312.5,	104.0,	1.5);	(406487.5, 3758287.5,	103.0,	1.5);		
(406487.5, 3758262.5,	98.5,	1.5);	(406487.5, 3758237.5,	98.0,	1.5);		
(406487.5, 3758212.5,	98.9,	1.5);	(406487.5, 3758187.5,	99.8,	1.5);		
(406487.5, 3758162.5,	100.0,	1.5);	(406487.5, 3758137.5,	100.8,	1.5);		

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL NOx emissions mitigated

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*** 12:00:00
*** PAGE 15

**MODELOPTs:

CONC URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

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(406512.5, 3758412.5,	105.0,	1.5);	(406512.5, 3758387.5,	105.0,	1.5);
(406512.5, 3758362.5,	104.3,	1.5);	(406512.5, 3758337.5,	104.0,	1.5);
(406512.5, 3758312.5,	103.2,	1.5);	(406512.5, 3758287.5,	100.9,	1.5);
(406512.5, 3758262.5,	98.0,	1.5);	(406512.5, 3758237.5,	98.6,	1.5);
(406512.5, 3758212.5,	101.9,	1.5);	(406512.5, 3758187.5,	102.0,	1.5);
(406512.5, 3758162.5,	102.0,	1.5);	(406512.5, 3758137.5,	102.0,	1.5);
(406537.5, 3758512.5,	108.4,	1.5);	(406537.5, 3758487.5,	107.0,	1.5);
(406537.5, 3758462.5,	106.0,	1.5);	(406537.5, 3758437.5,	105.0,	1.5);
(406537.5, 3758412.5,	105.0,	1.5);	(406537.5, 3758387.5,	104.2,	1.5);
(406537.5, 3758362.5,	103.6,	1.5);	(406537.5, 3758337.5,	103.0,	1.5);
(406537.5, 3758312.5,	102.4,	1.5);	(406537.5, 3758287.5,	101.7,	1.5);
(406537.5, 3758262.5,	102.0,	1.5);	(406537.5, 3758237.5,	104.7,	1.5);
(406537.5, 3758212.5,	103.8,	1.5);	(406537.5, 3758187.5,	103.0,	1.5);
(406537.5, 3758162.5,	102.4,	1.5);	(406537.5, 3758137.5,	102.0,	1.5);
(406562.5, 3758512.5,	108.6,	1.5);	(406562.5, 3758487.5,	107.0,	1.5);
(406562.5, 3758462.5,	105.8,	1.5);	(406562.5, 3758437.5,	105.0,	1.5);
(406562.5, 3758412.5,	104.0,	1.5);	(406562.5, 3758387.5,	103.0,	1.5);
(406562.5, 3758362.5,	103.0,	1.5);	(406562.5, 3758337.5,	103.0,	1.5);
(406562.5, 3758312.5,	103.3,	1.5);	(406562.5, 3758287.5,	104.0,	1.5);
(406562.5, 3758262.5,	104.6,	1.5);	(406562.5, 3758237.5,	105.0,	1.5);
(406562.5, 3758212.5,	104.2,	1.5);	(406562.5, 3758187.5,	104.0,	1.5);
(406562.5, 3758162.5,	103.3,	1.5);	(406562.5, 3758137.5,	103.0,	1.5);
(406587.5, 3758512.5,	109.0,	1.5);	(406587.5, 3758487.5,	107.2,	1.5);
(406587.5, 3758462.5,	105.5,	1.5);	(406587.5, 3758437.5,	104.0,	1.5);
(406587.5, 3758412.5,	104.0,	1.5);	(406587.5, 3758387.5,	103.7,	1.5);

Appendix B

NOx Annual Emissions Mitigated

(406587.5, 3758362.5, 103.4, 1.5); (406587.5, 3758337.5, 103.8, 1.5);
(406587.5, 3758312.5, 104.9, 1.5); (406587.5, 3758287.5, 105.0, 1.5);
(406587.5, 3758262.5, 105.0, 1.5); (406587.5, 3758237.5, 105.0, 1.5);
(406587.5, 3758212.5, 105.0, 1.5); (406587.5, 3758187.5, 104.8, 1.5);
(406587.5, 3758162.5, 104.0, 1.5); (406587.5, 3758137.5, 103.8, 1.5);
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(406612.5, 3758262.5, 106.3, 1.5); (406612.5, 3758237.5, 106.0, 1.5);
(406612.5, 3758212.5, 105.6, 1.5); (406612.5, 3758187.5, 105.0, 1.5);
(406612.5, 3758162.5, 105.0, 1.5); (406612.5, 3758137.5, 105.0, 1.5);
(406637.5, 3758512.5, 108.1, 1.5); (406637.5, 3758487.5, 107.0, 1.5);
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(406637.5, 3758412.5, 104.4, 1.5); (406637.5, 3758387.5, 105.8, 1.5);
(406637.5, 3758362.5, 107.3, 1.5); (406637.5, 3758337.5, 108.8, 1.5);
(406637.5, 3758312.5, 108.8, 1.5); (406637.5, 3758287.5, 108.0, 1.5);

*** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT ***
*** ANALYSIS ANNUAL NOx emissions mitigated ***

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406637.5, 3758262.5, 107.4, 1.5); (406637.5, 3758237.5, 106.7, 1.5);
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(406637.5, 3758162.5, 105.0, 1.5); (406637.5, 3758137.5, 105.0, 1.5);
(406662.5, 3758512.5, 109.0, 1.5); (406662.5, 3758487.5, 108.0, 1.5);
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(406662.5, 3758412.5, 108.3, 1.5); (406662.5, 3758387.5, 108.3, 1.5);
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(406737.5, 3758212.5, 108.0, 1.5); (406737.5, 3758187.5, 107.0, 1.5);
(406737.5, 3758162.5, 106.0, 1.5); (406737.5, 3758137.5, 105.0, 1.5);
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(406762.5, 3758412.5, 112.0, 1.5); (406762.5, 3758387.5, 112.0, 1.5);
(406762.5, 3758362.5, 112.3, 1.5); (406762.5, 3758337.5, 112.0, 1.5);
(406762.5, 3758312.5, 111.1, 1.5); (406762.5, 3758287.5, 110.2, 1.5);
(406762.5, 3758262.5, 110.0, 1.5); (406762.5, 3758237.5, 109.0, 1.5);
(406762.5, 3758212.5, 108.6, 1.5); (406762.5, 3758187.5, 107.0, 1.5);
(406762.5, 3758162.5, 106.0, 1.5); (406762.5, 3758137.5, 105.0, 1.5);
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(406787.5, 3758462.5, 112.0, 1.5); (406787.5, 3758437.5, 112.7, 1.5);

*** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT ***
*** ANALYSIS ANNUAL NOx emissions mitigated ***

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**MODELOPTs:

Appendix B

CONC

URBAN ELEV FLGPOL

NOx Annual Emissions Mitigated
NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406787.5, 3758412.5, 113.0, 1.5);	(406787.5, 3758387.5, 113.0, 1.5);
(406787.5, 3758362.5, 113.4, 1.5);	(406787.5, 3758337.5, 112.7, 1.5);
(406787.5, 3758312.5, 112.0, 1.5);	(406787.5, 3758287.5, 111.7, 1.5);
(406787.5, 3758262.5, 110.3, 1.5);	(406787.5, 3758237.5, 109.9, 1.5);
(406787.5, 3758212.5, 109.0, 1.5);	(406787.5, 3758187.5, 107.0, 1.5);
(406787.5, 3758162.5, 106.0, 1.5);	(406787.5, 3758137.5, 104.2, 1.5);
(406812.5, 3758512.5, 110.6, 1.5);	(406812.5, 3758487.5, 112.0, 1.5);
(406812.5, 3758462.5, 112.6, 1.5);	(406812.5, 3758437.5, 113.3, 1.5);
(406812.5, 3758412.5, 114.1, 1.5);	(406812.5, 3758387.5, 114.2, 1.5);
(406812.5, 3758362.5, 114.2, 1.5);	(406812.5, 3758337.5, 114.0, 1.5);
(406812.5, 3758312.5, 112.6, 1.5);	(406812.5, 3758287.5, 112.0, 1.5);
(406812.5, 3758262.5, 111.1, 1.5);	(406812.5, 3758237.5, 110.0, 1.5);
(406812.5, 3758212.5, 109.0, 1.5);	(406812.5, 3758187.5, 108.0, 1.5);
(406812.5, 3758162.5, 105.5, 1.5);	(406812.5, 3758137.5, 104.0, 1.5);
(406837.5, 3758512.5, 111.7, 1.5);	(406837.5, 3758487.5, 112.0, 1.5);
(406837.5, 3758462.5, 113.0, 1.5);	(406837.5, 3758437.5, 114.0, 1.5);
(406837.5, 3758412.5, 115.4, 1.5);	(406837.5, 3758387.5, 115.8, 1.5);
(406837.5, 3758362.5, 115.3, 1.5);	(406837.5, 3758337.5, 115.0, 1.5);
(406837.5, 3758312.5, 113.8, 1.5);	(406837.5, 3758287.5, 112.0, 1.5);
(406837.5, 3758262.5, 110.6, 1.5);	(406837.5, 3758237.5, 109.2, 1.5);
(406837.5, 3758212.5, 109.0, 1.5);	(406837.5, 3758187.5, 108.0, 1.5);
(406837.5, 3758162.5, 106.2, 1.5);	(406837.5, 3758137.5, 104.8, 1.5);
(406862.5, 3758512.5, 112.3, 1.5);	(406862.5, 3758487.5, 113.0, 1.5);
(406862.5, 3758462.5, 114.0, 1.5);	(406862.5, 3758437.5, 115.0, 1.5);
(406862.5, 3758412.5, 116.0, 1.5);	(406862.5, 3758387.5, 116.3, 1.5);
(406862.5, 3758362.5, 116.0, 1.5);	(406862.5, 3758337.5, 115.9, 1.5);
(406862.5, 3758312.5, 114.5, 1.5);	(406862.5, 3758287.5, 110.9, 1.5);
(406862.5, 3758262.5, 109.3, 1.5);	(406862.5, 3758237.5, 109.2, 1.5);
(406862.5, 3758212.5, 109.2, 1.5);	(406862.5, 3758187.5, 109.0, 1.5);
(406862.5, 3758162.5, 109.0, 1.5);	(406862.5, 3758137.5, 108.3, 1.5);
(406887.5, 3758512.5, 113.8, 1.5);	(406887.5, 3758487.5, 114.0, 1.5);
(406887.5, 3758462.5, 114.4, 1.5);	(406887.5, 3758437.5, 115.8, 1.5);
(406887.5, 3758412.5, 116.4, 1.5);	(406887.5, 3758387.5, 117.0, 1.5);
(406887.5, 3758362.5, 116.9, 1.5);	(406887.5, 3758337.5, 116.0, 1.5);
(406887.5, 3758312.5, 112.9, 1.5);	(406887.5, 3758287.5, 109.2, 1.5);
(406887.5, 3758262.5, 109.8, 1.5);	(406887.5, 3758237.5, 110.8, 1.5);
(406887.5, 3758212.5, 111.7, 1.5);	(406887.5, 3758187.5, 111.5, 1.5);
(406887.5, 3758162.5, 111.5, 1.5);	(406887.5, 3758137.5, 111.7, 1.5);
(406912.5, 3758512.5, 114.6, 1.5);	(406912.5, 3758487.5, 115.0, 1.5);
(406912.5, 3758462.5, 115.0, 1.5);	(406912.5, 3758437.5, 116.0, 1.5);
(406912.5, 3758412.5, 117.5, 1.5);	(406912.5, 3758387.5, 118.0, 1.5);
(406912.5, 3758362.5, 117.0, 1.5);	(406912.5, 3758337.5, 115.9, 1.5);
(406912.5, 3758312.5, 111.6, 1.5);	(406912.5, 3758287.5, 109.0, 1.5);
(406912.5, 3758262.5, 111.9, 1.5);	(406912.5, 3758237.5, 114.5, 1.5);
(406912.5, 3758212.5, 114.9, 1.5);	(406912.5, 3758187.5, 114.5, 1.5);

• *** ISCS3 - VERSION 02035 ***
*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL NOx emissions mitigated

*** 07/29/11
*** 12:00:00
*** PAGE 18

**MODELOPTs:

CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406912.5, 3758162.5, 114.5, 1.5);	(406912.5, 3758137.5, 114.5, 1.5);
(406937.5, 3758512.5, 116.0, 1.5);	(406937.5, 3758487.5, 116.0, 1.5);
(406937.5, 3758462.5, 115.9, 1.5);	(406937.5, 3758437.5, 116.0, 1.5);
(406937.5, 3758412.5, 117.9, 1.5);	(406937.5, 3758387.5, 118.0, 1.5);
(406937.5, 3758362.5, 117.0, 1.5);	(406937.5, 3758337.5, 115.2, 1.5);
(406937.5, 3758312.5, 111.9, 1.5);	(406937.5, 3758287.5, 113.4, 1.5);
(406937.5, 3758262.5, 116.2, 1.5);	(406937.5, 3758237.5, 118.8, 1.5);
(406937.5, 3758212.5, 119.5, 1.5);	(406937.5, 3758187.5, 119.5, 1.5);
(406937.5, 3758162.5, 118.9, 1.5);	(406937.5, 3758137.5, 117.7, 1.5);
(406962.5, 3758512.5, 118.5, 1.5);	(406962.5, 3758487.5, 118.5, 1.5);
(406962.5, 3758462.5, 118.5, 1.5);	(406962.5, 3758437.5, 118.3, 1.5);
(406962.5, 3758412.5, 119.2, 1.5);	(406962.5, 3758387.5, 118.9, 1.5);
(406962.5, 3758362.5, 116.3, 1.5);	(406962.5, 3758337.5, 114.9, 1.5);
(406962.5, 3758312.5, 115.2, 1.5);	(406962.5, 3758287.5, 117.3, 1.5);

Appendix B

NOx Annual Emissions Mitigated

(406962.5, 3758262.5, 121.1, 1.5);	(406962.5, 3758237.5, 122.3, 1.5);
(406962.5, 3758212.5, 122.6, 1.5);	(406962.5, 3758187.5, 123.0, 1.5);
(406962.5, 3758162.5, 121.4, 1.5);	(406962.5, 3758137.5, 118.9, 1.5);
(406987.5, 3758512.5, 121.6, 1.5);	(406987.5, 3758487.5, 121.7, 1.5);
(406987.5, 3758462.5, 120.8, 1.5);	(406987.5, 3758437.5, 120.8, 1.5);
(406987.5, 3758412.5, 120.3, 1.5);	(406987.5, 3758387.5, 118.9, 1.5);
(406987.5, 3758362.5, 116.0, 1.5);	(406987.5, 3758337.5, 115.0, 1.5);
(406987.5, 3758312.5, 115.5, 1.5);	(406987.5, 3758287.5, 119.0, 1.5);
(406987.5, 3758262.5, 122.9, 1.5);	(406987.5, 3758237.5, 123.0, 1.5);
(406987.5, 3758212.5, 123.1, 1.5);	(406987.5, 3758187.5, 122.2, 1.5);
(406987.5, 3758162.5, 119.3, 1.5);	(406987.5, 3758137.5, 116.2, 1.5);
(407012.5, 3758512.5, 123.0, 1.5);	(407012.5, 3758487.5, 123.0, 1.5);
(407012.5, 3758462.5, 123.0, 1.5);	(407012.5, 3758437.5, 122.3, 1.5);
(407012.5, 3758412.5, 121.4, 1.5);	(407012.5, 3758387.5, 119.9, 1.5);
(407012.5, 3758362.5, 118.2, 1.5);	(407012.5, 3758337.5, 118.5, 1.5);
(407012.5, 3758312.5, 118.5, 1.5);	(407012.5, 3758287.5, 121.3, 1.5);
(407012.5, 3758262.5, 122.7, 1.5);	(407012.5, 3758237.5, 122.0, 1.5);
(407012.5, 3758212.5, 121.4, 1.5);	(407012.5, 3758187.5, 118.9, 1.5);
(407012.5, 3758162.5, 115.6, 1.5);	(407012.5, 3758137.5, 115.5, 1.5);
(407037.5, 3758512.5, 123.4, 1.5);	(407037.5, 3758487.5, 124.0, 1.5);
(407037.5, 3758462.5, 123.8, 1.5);	(407037.5, 3758437.5, 123.7, 1.5);
(407037.5, 3758412.5, 122.9, 1.5);	(407037.5, 3758387.5, 121.7, 1.5);
(407037.5, 3758362.5, 121.7, 1.5);	(407037.5, 3758337.5, 122.7, 1.5);
(407037.5, 3758312.5, 122.7, 1.5);	(407037.5, 3758287.5, 122.7, 1.5);
(407037.5, 3758262.5, 122.0, 1.5);	(407037.5, 3758237.5, 121.2, 1.5);
(407037.5, 3758212.5, 120.9, 1.5);	(407037.5, 3758187.5, 121.3, 1.5);
(407037.5, 3758162.5, 121.5, 1.5);	(407037.5, 3758137.5, 121.5, 1.5);
(407062.5, 3758512.5, 123.8, 1.5);	(407062.5, 3758487.5, 125.2, 1.5);
(407062.5, 3758462.5, 125.2, 1.5);	(407062.5, 3758437.5, 125.2, 1.5);
(407062.5, 3758412.5, 124.2, 1.5);	(407062.5, 3758387.5, 123.3, 1.5);
(407062.5, 3758362.5, 123.3, 1.5);	(407062.5, 3758337.5, 124.0, 1.5);

* *** ISCST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions mitigated *** 12:00:00

**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 19
 CONC

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(407062.5, 3758312.5, 124.0, 1.5);	(407062.5, 3758287.5, 123.2, 1.5);
(407062.5, 3758262.5, 122.6, 1.5);	(407062.5, 3758237.5, 122.0, 1.5);
(407062.5, 3758212.5, 122.6, 1.5);	(407062.5, 3758187.5, 123.0, 1.5);
(407062.5, 3758162.5, 123.0, 1.5);	(407062.5, 3758137.5, 123.0, 1.5);
(407087.5, 3758512.5, 126.3, 1.5);	(407087.5, 3758487.5, 127.0, 1.5);
(407087.5, 3758462.5, 127.7, 1.5);	(407087.5, 3758437.5, 126.9, 1.5);
(407087.5, 3758412.5, 126.3, 1.5);	(407087.5, 3758387.5, 125.8, 1.5);
(407087.5, 3758362.5, 125.8, 1.5);	(407087.5, 3758337.5, 125.8, 1.5);
(407087.5, 3758312.5, 125.8, 1.5);	(407087.5, 3758287.5, 125.7, 1.5);
(407087.5, 3758262.5, 124.8, 1.5);	(407087.5, 3758237.5, 123.7, 1.5);
(407087.5, 3758212.5, 123.7, 1.5);	(407087.5, 3758187.5, 124.0, 1.5);
(407087.5, 3758162.5, 124.0, 1.5);	(407087.5, 3758137.5, 124.0, 1.5);
(407112.5, 3758512.5, 127.8, 1.5);	(407112.5, 3758487.5, 129.2, 1.5);
(407112.5, 3758462.5, 129.2, 1.5);	(407112.5, 3758437.5, 129.2, 1.5);
(407112.5, 3758412.5, 128.1, 1.5);	(407112.5, 3758387.5, 127.0, 1.5);
(407112.5, 3758362.5, 127.0, 1.5);	(407112.5, 3758337.5, 127.0, 1.5);
(407112.5, 3758312.5, 127.1, 1.5);	(407112.5, 3758287.5, 127.3, 1.5);
(407112.5, 3758262.5, 127.1, 1.5);	(407112.5, 3758237.5, 126.2, 1.5);
(407112.5, 3758212.5, 126.1, 1.5);	(407112.5, 3758187.5, 126.0, 1.5);
(407112.5, 3758162.5, 125.2, 1.5);	(407112.5, 3758137.5, 124.2, 1.5);
(407137.5, 3758512.5, 130.3, 1.5);	(407137.5, 3758487.5, 132.6, 1.5);
(407137.5, 3758462.5, 132.6, 1.5);	(407137.5, 3758437.5, 130.8, 1.5);
(407137.5, 3758412.5, 129.8, 1.5);	(407137.5, 3758387.5, 128.7, 1.5);
(407137.5, 3758362.5, 128.0, 1.5);	(407137.5, 3758337.5, 128.7, 1.5);
(407137.5, 3758312.5, 128.7, 1.5);	(407137.5, 3758287.5, 129.8, 1.5);
(407137.5, 3758262.5, 128.8, 1.5);	(407137.5, 3758237.5, 128.7, 1.5);
(407137.5, 3758212.5, 127.3, 1.5);	(407137.5, 3758187.5, 127.7, 1.5);
(407137.5, 3758162.5, 127.7, 1.5);	(407137.5, 3758137.5, 126.7, 1.5);
(407162.5, 3758512.5, 132.4, 1.5);	(407162.5, 3758487.5, 134.6, 1.5);
(407162.5, 3758462.5, 136.0, 1.5);	(407162.5, 3758437.5, 133.2, 1.5);
(407162.5, 3758412.5, 131.7, 1.5);	(407162.5, 3758387.5, 131.2, 1.5);
(407162.5, 3758362.5, 130.2, 1.5);	(407162.5, 3758337.5, 130.2, 1.5);
(407162.5, 3758312.5, 131.2, 1.5);	(407162.5, 3758287.5, 131.2, 1.5);
(407162.5, 3758262.5, 131.2, 1.5);	(407162.5, 3758237.5, 131.5, 1.5);
(407162.5, 3758212.5, 131.7, 1.5);	(407162.5, 3758187.5, 131.8, 1.5);

Appendix B

NOx Annual Emissions Mitigated

(407162.5, 3758162.5, 131.5, 1.5);	(407162.5, 3758137.5, 129.5, 1.5);
(407187.5, 3758512.5, 140.1, 1.5);	(407187.5, 3758487.5, 141.7, 1.5);
(407187.5, 3758462.5, 139.3, 1.5);	(407187.5, 3758437.5, 136.5, 1.5);
(407187.5, 3758412.5, 133.8, 1.5);	(407187.5, 3758387.5, 132.7, 1.5);
(407187.5, 3758362.5, 132.7, 1.5);	(407187.5, 3758337.5, 132.7, 1.5);
(407187.5, 3758312.5, 132.9, 1.5);	(407187.5, 3758287.5, 133.7, 1.5);
(407187.5, 3758262.5, 133.9, 1.5);	(407187.5, 3758237.5, 134.8, 1.5);
(407187.5, 3758212.5, 136.2, 1.5);	(407187.5, 3758187.5, 137.5, 1.5);
(407187.5, 3758162.5, 136.9, 1.5);	(407187.5, 3758137.5, 134.5, 1.5);
(407212.5, 3758512.5, 142.0, 1.5);	(407212.5, 3758487.5, 142.3, 1.5);

• *** ISCS T3 - VERSION 02035 *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL NOx emissions mitigated

*** 07/29/11
 *** 12:00:00
 *** PAGE 20

**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(407212.5, 3758462.5, 141.1, 1.5);	(407212.5, 3758437.5, 140.9, 1.5);
(407212.5, 3758412.5, 137.7, 1.5);	(407212.5, 3758387.5, 135.2, 1.5);
(407212.5, 3758362.5, 135.1, 1.5);	(407212.5, 3758337.5, 135.0, 1.5);
(407212.5, 3758312.5, 135.1, 1.5);	(407212.5, 3758287.5, 135.2, 1.5);
(407212.5, 3758262.5, 136.1, 1.5);	(407212.5, 3758237.5, 137.0, 1.5);
(407212.5, 3758212.5, 139.8, 1.5);	(407212.5, 3758187.5, 141.0, 1.5);
(407212.5, 3758162.5, 140.5, 1.5);	(407212.5, 3758137.5, 136.9, 1.5);
(407237.5, 3758512.5, 143.0, 1.5);	(407237.5, 3758487.5, 143.7, 1.5);
(407237.5, 3758462.5, 143.7, 1.5);	(407237.5, 3758437.5, 142.7, 1.5);
(407237.5, 3758412.5, 140.2, 1.5);	(407237.5, 3758387.5, 137.7, 1.5);
(407237.5, 3758362.5, 136.7, 1.5);	(407237.5, 3758337.5, 136.7, 1.5);
(407237.5, 3758312.5, 137.2, 1.5);	(407237.5, 3758287.5, 137.7, 1.5);
(407237.5, 3758262.5, 137.9, 1.5);	(407237.5, 3758237.5, 138.0, 1.5);
(407237.5, 3758212.5, 140.1, 1.5);	(407237.5, 3758187.5, 140.2, 1.5);
(407237.5, 3758162.5, 138.7, 1.5);	(407237.5, 3758137.5, 136.2, 1.5);
(407262.5, 3758512.5, 144.2, 1.5);	(407262.5, 3758487.5, 145.0, 1.5);
(407262.5, 3758462.5, 145.1, 1.5);	(407262.5, 3758437.5, 146.3, 1.5);
(407262.5, 3758412.5, 144.8, 1.5);	(407262.5, 3758387.5, 139.9, 1.5);
(407262.5, 3758362.5, 138.3, 1.5);	(407262.5, 3758337.5, 138.3, 1.5);
(407262.5, 3758312.5, 139.2, 1.5);	(407262.5, 3758287.5, 139.3, 1.5);
(407262.5, 3758262.5, 140.0, 1.5);	(407262.5, 3758237.5, 139.2, 1.5);
(407262.5, 3758212.5, 138.3, 1.5);	(407262.5, 3758187.5, 137.7, 1.5);
(407262.5, 3758162.5, 136.6, 1.5);	(407262.5, 3758137.5, 134.7, 1.5);
(407287.5, 3758512.5, 146.3, 1.5);	(407287.5, 3758487.5, 145.8, 1.5);
(407287.5, 3758462.5, 146.9, 1.5);	(407287.5, 3758437.5, 147.7, 1.5);
(407287.5, 3758412.5, 146.9, 1.5);	(407287.5, 3758387.5, 142.5, 1.5);
(407287.5, 3758362.5, 139.3, 1.5);	(407287.5, 3758337.5, 140.0, 1.5);
(407287.5, 3758312.5, 140.8, 1.5);	(407287.5, 3758287.5, 141.0, 1.5);
(407287.5, 3758262.5, 141.0, 1.5);	(407287.5, 3758237.5, 139.0, 1.5);
(407287.5, 3758212.5, 135.9, 1.5);	(407287.5, 3758187.5, 135.2, 1.5);
(407287.5, 3758162.5, 135.8, 1.5);	(407287.5, 3758137.5, 134.0, 1.5);
(407312.5, 3758512.5, 150.1, 1.5);	(407312.5, 3758487.5, 151.2, 1.5);
(407312.5, 3758462.5, 149.7, 1.5);	(407312.5, 3758437.5, 148.9, 1.5);
(407312.5, 3758412.5, 147.9, 1.5);	(407312.5, 3758387.5, 144.9, 1.5);
(407312.5, 3758362.5, 140.6, 1.5);	(407312.5, 3758337.5, 140.0, 1.5);
(407312.5, 3758312.5, 140.8, 1.5);	(407312.5, 3758287.5, 140.7, 1.5);
(407312.5, 3758262.5, 139.2, 1.5);	(407312.5, 3758237.5, 135.7, 1.5);
(407312.5, 3758212.5, 133.7, 1.5);	(407312.5, 3758187.5, 133.7, 1.5);
(407312.5, 3758162.5, 135.0, 1.5);	(407312.5, 3758137.5, 135.2, 1.5);
(407337.5, 3758512.5, 153.3, 1.5);	(407337.5, 3758487.5, 152.9, 1.5);
(407337.5, 3758462.5, 151.4, 1.5);	(407337.5, 3758437.5, 149.7, 1.5);
(407337.5, 3758412.5, 147.9, 1.5);	(407337.5, 3758387.5, 145.9, 1.5);
(407337.5, 3758362.5, 140.5, 1.5);	(407337.5, 3758337.5, 139.2, 1.5);
(407337.5, 3758312.5, 138.3, 1.5);	(407337.5, 3758287.5, 137.2, 1.5);
(407337.5, 3758262.5, 135.8, 1.5);	(407337.5, 3758237.5, 134.2, 1.5);

• *** ISCS T3 - VERSION 02035 *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL NOx emissions mitigated

*** 07/29/11
 *** 12:00:00
 *** PAGE 21

**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(407337.5, 3758212.5, 132.4, 1.5);	(407337.5, 3758187.5, 132.2, 1.5);
-------------------------------------	-------------------------------------

Appendix B

NOx Annual Emissions Mitigated

(407337.5, 3758162.5,	134.5,	1.5);	(407337.5, 3758137.5,	135.0,	1.5);
(407362.5, 3758512.5,	153.2,	1.5);	(407362.5, 3758487.5,	152.9,	1.5);
(407362.5, 3758462.5,	151.4,	1.5);	(407362.5, 3758437.5,	149.6,	1.5);
(407362.5, 3758412.5,	147.9,	1.5);	(407362.5, 3758387.5,	145.9,	1.5);
(407362.5, 3758362.5,	141.6,	1.5);	(407362.5, 3758337.5,	139.2,	1.5);
(407362.5, 3758312.5,	136.6,	1.5);	(407362.5, 3758287.5,	134.7,	1.5);
(407362.5, 3758262.5,	133.2,	1.5);	(407362.5, 3758237.5,	129.4,	1.5);
(407362.5, 3758212.5,	129.3,	1.5);	(407362.5, 3758187.5,	128.4,	1.5);
(407362.5, 3758162.5,	130.6,	1.5);	(407362.5, 3758137.5,	132.4,	1.5);
(407387.5, 3758512.5,	152.1,	1.5);	(407387.5, 3758487.5,	152.2,	1.5);
(407387.5, 3758462.5,	150.0,	1.5);	(407387.5, 3758437.5,	147.4,	1.5);
(407387.5, 3758412.5,	147.1,	1.5);	(407387.5, 3758387.5,	145.9,	1.5);
(407387.5, 3758362.5,	142.4,	1.5);	(407387.5, 3758337.5,	140.9,	1.5);
(407387.5, 3758312.5,	137.7,	1.5);	(407387.5, 3758287.5,	134.7,	1.5);
(407387.5, 3758262.5,	131.3,	1.5);	(407387.5, 3758237.5,	128.0,	1.5);
(407387.5, 3758212.5,	124.6,	1.5);	(407387.5, 3758187.5,	120.2,	1.5);
(407387.5, 3758162.5,	120.3,	1.5);	(407387.5, 3758137.5,	121.3,	1.5);
(407412.5, 3758512.5,	151.2,	1.5);	(407412.5, 3758487.5,	150.9,	1.5);
(407412.5, 3758462.5,	148.6,	1.5);	(407412.5, 3758437.5,	145.9,	1.5);
(407412.5, 3758412.5,	145.0,	1.5);	(407412.5, 3758387.5,	145.0,	1.5);
(407412.5, 3758362.5,	142.9,	1.5);	(407412.5, 3758337.5,	140.9,	1.5);
(407412.5, 3758312.5,	139.7,	1.5);	(407412.5, 3758287.5,	136.5,	1.5);
(407412.5, 3758262.5,	133.6,	1.5);	(407412.5, 3758237.5,	129.5,	1.5);
(407412.5, 3758212.5,	125.4,	1.5);	(407412.5, 3758187.5,	121.8,	1.5);
(407412.5, 3758162.5,	120.4,	1.5);	(407412.5, 3758137.5,	119.0,	1.5);
(407437.5, 3758512.5,	153.5,	1.5);	(407437.5, 3758487.5,	153.5,	1.5);
(407437.5, 3758462.5,	153.4,	1.5);	(407437.5, 3758437.5,	150.6,	1.5);
(407437.5, 3758412.5,	147.0,	1.5);	(407437.5, 3758387.5,	144.9,	1.5);
(407437.5, 3758362.5,	143.0,	1.5);	(407437.5, 3758337.5,	142.0,	1.5);
(407437.5, 3758312.5,	140.8,	1.5);	(407437.5, 3758287.5,	139.7,	1.5);
(407437.5, 3758262.5,	135.0,	1.5);	(407437.5, 3758237.5,	131.7,	1.5);
(407437.5, 3758212.5,	130.2,	1.5);	(407437.5, 3758187.5,	129.5,	1.5);
(407437.5, 3758162.5,	128.0,	1.5);	(407437.5, 3758137.5,	124.8,	1.5);
(407462.5, 3758512.5,	158.3,	1.5);	(407462.5, 3758487.5,	158.3,	1.5);
(407462.5, 3758462.5,	159.4,	1.5);	(407462.5, 3758437.5,	156.2,	1.5);
(407462.5, 3758412.5,	149.4,	1.5);	(407462.5, 3758387.5,	144.9,	1.5);
(407462.5, 3758362.5,	141.2,	1.5);	(407462.5, 3758337.5,	140.7,	1.5);
(407462.5, 3758312.5,	140.7,	1.5);	(407462.5, 3758287.5,	141.0,	1.5);
(407462.5, 3758262.5,	139.1,	1.5);	(407462.5, 3758237.5,	134.8,	1.5);
(407462.5, 3758212.5,	133.4,	1.5);	(407462.5, 3758187.5,	132.5,	1.5);
(407462.5, 3758162.5,	131.0,	1.5);	(407462.5, 3758137.5,	129.5,	1.5);
(407487.5, 3758512.5,	157.9,	1.5);	(407487.5, 3758487.5,	161.0,	1.5);
(407487.5, 3758462.5,	160.5,	1.5);	(407487.5, 3758437.5,	156.1,	1.5);
(407487.5, 3758412.5,	149.0,	1.5);	(407487.5, 3758387.5,	144.1,	1.5);
* *** ISCST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT		
			*** ANALYSIS ANNUAL NOx emissions mitigated		
**MODELOPTs:					07/29/11
CONC	URBAN ELEV	FLGPOL	NOCALM		12:00:00
					PAGE 22
			*** DISCRETE CARTESIAN RECEPTORS ***		
			(X-COORD, Y-COORD, ZELEV, ZFLAG)		
			(METERS)		
(407487.5, 3758362.5,	140.8,	1.5);	(407487.5, 3758337.5,	140.0,	1.5);
(407487.5, 3758312.5,	140.0,	1.5);	(407487.5, 3758287.5,	140.8,	1.5);
(407487.5, 3758262.5,	140.8,	1.5);	(407487.5, 3758237.5,	139.8,	1.5);
(407487.5, 3758212.5,	138.6,	1.5);	(407487.5, 3758187.5,	136.5,	1.5);
(407487.5, 3758162.5,	135.5,	1.5);	(407487.5, 3758137.5,	134.5,	1.5);
(407512.5, 3758512.5,	149.8,	1.5);	(407512.5, 3758487.5,	150.9,	1.5);
(407512.5, 3758462.5,	153.7,	1.5);	(407512.5, 3758437.5,	151.4,	1.5);
(407512.5, 3758412.5,	146.0,	1.5);	(407512.5, 3758387.5,	142.6,	1.5);
(407512.5, 3758362.5,	140.8,	1.5);	(407512.5, 3758337.5,	142.3,	1.5);
(407512.5, 3758312.5,	142.4,	1.5);	(407512.5, 3758287.5,	142.3,	1.5);
(407512.5, 3758262.5,	142.3,	1.5);	(407512.5, 3758237.5,	141.2,	1.5);
(407512.5, 3758212.5,	141.2,	1.5);	(407512.5, 3758187.5,	140.5,	1.5);
(407512.5, 3758162.5,	140.0,	1.5);	(407512.5, 3758137.5,	138.3,	1.5);
(407537.5, 3758512.5,	0.0,	1.5);	(407537.5, 3758487.5,	0.0,	1.5);
(407537.5, 3758462.5,	0.0,	1.5);	(407537.5, 3758437.5,	0.0,	1.5);
(407537.5, 3758412.5,	0.0,	1.5);	(407537.5, 3758387.5,	0.0,	1.5);
(407537.5, 3758362.5,	0.0,	1.5);	(407537.5, 3758337.5,	0.0,	1.5);
(407537.5, 3758312.5,	0.0,	1.5);	(407537.5, 3758287.5,	0.0,	1.5);
(407537.5, 3758262.5,	0.0,	1.5);	(407537.5, 3758237.5,	0.0,	1.5);
(407537.5, 3758212.5,	0.0,	1.5);	(407537.5, 3758187.5,	0.0,	1.5);
(407537.5, 3758162.5,	0.0,	1.5);	(407537.5, 3758137.5,	0.0,	1.5);
(407562.5, 3758512.5,	0.0,	1.5);	(407562.5, 3758487.5,	0.0,	1.5);

Appendix B

NOx Annual Emissions Mitigated

```
( 407562.5, 3758462.5, 0.0, 1.5); ( 407562.5, 3758437.5, 0.0, 1.5);
( 407562.5, 3758412.5, 0.0, 1.5); ( 407562.5, 3758387.5, 0.0, 1.5);
( 407562.5, 3758362.5, 0.0, 1.5); ( 407562.5, 3758337.5, 0.0, 1.5);
( 407562.5, 3758312.5, 0.0, 1.5); ( 407562.5, 3758287.5, 0.0, 1.5);
( 407562.5, 3758262.5, 0.0, 1.5); ( 407562.5, 3758237.5, 0.0, 1.5);
( 407562.5, 3758212.5, 0.0, 1.5); ( 407562.5, 3758187.5, 0.0, 1.5);
( 407562.5, 3758162.5, 0.0, 1.5); ( 407562.5, 3758137.5, 0.0, 1.5);
( 407587.5, 3758512.5, 0.0, 1.5); ( 407587.5, 3758487.5, 0.0, 1.5);
( 407587.5, 3758462.5, 0.0, 1.5); ( 407587.5, 3758437.5, 0.0, 1.5);
( 407587.5, 3758412.5, 0.0, 1.5); ( 407587.5, 3758387.5, 0.0, 1.5);
( 407587.5, 3758362.5, 0.0, 1.5); ( 407587.5, 3758337.5, 0.0, 1.5);
( 407587.5, 3758312.5, 0.0, 1.5); ( 407587.5, 3758287.5, 0.0, 1.5);
( 407587.5, 3758262.5, 0.0, 1.5); ( 407587.5, 3758237.5, 0.0, 1.5);
( 407587.5, 3758212.5, 0.0, 1.5); ( 407587.5, 3758187.5, 0.0, 1.5);
( 407587.5, 3758162.5, 0.0, 1.5); ( 407587.5, 3758137.5, 0.0, 1.5);
( 407612.5, 3758512.5, 0.0, 1.5); ( 407612.5, 3758487.5, 0.0, 1.5);
( 407612.5, 3758462.5, 0.0, 1.5); ( 407612.5, 3758437.5, 0.0, 1.5);
( 407612.5, 3758412.5, 0.0, 1.5); ( 407612.5, 3758387.5, 0.0, 1.5);
( 407612.5, 3758362.5, 0.0, 1.5); ( 407612.5, 3758337.5, 0.0, 1.5);
( 407612.5, 3758312.5, 0.0, 1.5); ( 407612.5, 3758287.5, 0.0, 1.5);
( 407612.5, 3758262.5, 0.0, 1.5); ( 407612.5, 3758237.5, 0.0, 1.5);
( 407612.5, 3758212.5, 0.0, 1.5); ( 407612.5, 3758187.5, 0.0, 1.5);
( 407612.5, 3758162.5, 0.0, 1.5); ( 407612.5, 3758137.5, 0.0, 1.5);
```

• *** ISCS3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

*** 07/29/11
 12:00:00
 *** PAGE 23

*** ANALYSIS ANNUAL NOx emissions mitigated

**MODELOPTs:

CONC URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

```
( 407637.5, 3758512.5, 0.0, 1.5); ( 407637.5, 3758487.5, 0.0, 1.5);
( 407637.5, 3758462.5, 0.0, 1.5); ( 407637.5, 3758437.5, 0.0, 1.5);
( 407637.5, 3758412.5, 0.0, 1.5); ( 407637.5, 3758387.5, 0.0, 1.5);
( 407637.5, 3758362.5, 0.0, 1.5); ( 407637.5, 3758337.5, 0.0, 1.5);
( 407637.5, 3758312.5, 0.0, 1.5); ( 407637.5, 3758287.5, 0.0, 1.5);
( 407637.5, 3758262.5, 0.0, 1.5); ( 407637.5, 3758237.5, 0.0, 1.5);
( 407637.5, 3758212.5, 0.0, 1.5); ( 407637.5, 3758187.5, 0.0, 1.5);
( 407637.5, 3758162.5, 0.0, 1.5); ( 407637.5, 3758137.5, 0.0, 1.5);
( 407662.5, 3758512.5, 0.0, 1.5); ( 407662.5, 3758487.5, 0.0, 1.5);
( 407662.5, 3758462.5, 0.0, 1.5); ( 407662.5, 3758437.5, 0.0, 1.5);
( 407662.5, 3758412.5, 0.0, 1.5); ( 407662.5, 3758387.5, 0.0, 1.5);
( 407662.5, 3758362.5, 0.0, 1.5); ( 407662.5, 3758337.5, 0.0, 1.5);
( 407662.5, 3758312.5, 0.0, 1.5); ( 407662.5, 3758287.5, 0.0, 1.5);
( 407662.5, 3758262.5, 0.0, 1.5); ( 407662.5, 3758237.5, 0.0, 1.5);
( 407662.5, 3758212.5, 0.0, 1.5); ( 407662.5, 3758187.5, 0.0, 1.5);
( 407662.5, 3758162.5, 0.0, 1.5); ( 407662.5, 3758137.5, 0.0, 1.5);
( 407687.5, 3758512.5, 0.0, 1.5); ( 407687.5, 3758487.5, 0.0, 1.5);
( 407687.5, 3758462.5, 0.0, 1.5); ( 407687.5, 3758437.5, 0.0, 1.5);
( 407687.5, 3758412.5, 0.0, 1.5); ( 407687.5, 3758387.5, 0.0, 1.5);
( 407687.5, 3758362.5, 0.0, 1.5); ( 407687.5, 3758337.5, 0.0, 1.5);
( 407687.5, 3758312.5, 0.0, 1.5); ( 407687.5, 3758287.5, 0.0, 1.5);
( 407687.5, 3758262.5, 0.0, 1.5); ( 407687.5, 3758237.5, 0.0, 1.5);
( 407687.5, 3758212.5, 0.0, 1.5); ( 407687.5, 3758187.5, 0.0, 1.5);
( 407687.5, 3758162.5, 0.0, 1.5); ( 407687.5, 3758137.5, 0.0, 1.5);
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( 407712.5, 3758462.5, 0.0, 1.5); ( 407712.5, 3758437.5, 0.0, 1.5);
( 407712.5, 3758412.5, 0.0, 1.5); ( 407712.5, 3758387.5, 0.0, 1.5);
( 407712.5, 3758362.5, 0.0, 1.5); ( 407712.5, 3758337.5, 0.0, 1.5);
( 407712.5, 3758312.5, 0.0, 1.5); ( 407712.5, 3758287.5, 0.0, 1.5);
( 407712.5, 3758262.5, 0.0, 1.5); ( 407712.5, 3758237.5, 0.0, 1.5);
( 407712.5, 3758212.5, 0.0, 1.5); ( 407712.5, 3758187.5, 0.0, 1.5);
( 407712.5, 3758162.5, 0.0, 1.5); ( 407712.5, 3758137.5, 0.0, 1.5);
( 407737.5, 3758512.5, 0.0, 1.5); ( 407737.5, 3758487.5, 0.0, 1.5);
( 407737.5, 3758462.5, 0.0, 1.5); ( 407737.5, 3758437.5, 0.0, 1.5);
( 407737.5, 3758412.5, 0.0, 1.5); ( 407737.5, 3758387.5, 0.0, 1.5);
( 407737.5, 3758362.5, 0.0, 1.5); ( 407737.5, 3758337.5, 0.0, 1.5);
( 407737.5, 3758312.5, 0.0, 1.5); ( 407737.5, 3758287.5, 0.0, 1.5);
( 407737.5, 3758262.5, 0.0, 1.5); ( 407737.5, 3758237.5, 0.0, 1.5);
( 407737.5, 3758212.5, 0.0, 1.5); ( 407737.5, 3758187.5, 0.0, 1.5);
( 407737.5, 3758162.5, 0.0, 1.5); ( 407737.5, 3758137.5, 0.0, 1.5);
( 407762.5, 3758512.5, 0.0, 1.5); ( 407762.5, 3758487.5, 0.0, 1.5);
( 407762.5, 3758462.5, 0.0, 1.5); ( 407762.5, 3758437.5, 0.0, 1.5);
( 407762.5, 3758412.5, 0.0, 1.5); ( 407762.5, 3758387.5, 0.0, 1.5);
```

Appendix B

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( 407762.5, 3758362.5, 0.0, 1.5); ( 407762.5, 3758337.5, 0.0, 1.5);
( 407762.5, 3758312.5, 0.0, 1.5); ( 407762.5, 3758287.5, 0.0, 1.5);
* *** ISCST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS ANNUAL NOx emissions mitigated *** 12:00:00
**MODELOPTs: ** PAGE 24
CONC URBAN ELEV FLGPOL NOCALM

```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

```

( 407762.5, 3758262.5, 0.0, 1.5); ( 407762.5, 3758237.5, 0.0, 1.5);
( 407762.5, 3758212.5, 0.0, 1.5); ( 407762.5, 3758187.5, 0.0, 1.5);
( 407762.5, 3758162.5, 0.0, 1.5); ( 407762.5, 3758137.5, 0.0, 1.5);
( 407787.5, 3758512.5, 0.0, 1.5); ( 407787.5, 3758487.5, 0.0, 1.5);
( 407787.5, 3758462.5, 0.0, 1.5); ( 407787.5, 3758437.5, 0.0, 1.5);
( 407787.5, 3758412.5, 0.0, 1.5); ( 407787.5, 3758387.5, 0.0, 1.5);
( 407787.5, 3758362.5, 0.0, 1.5); ( 407787.5, 3758337.5, 0.0, 1.5);
( 407787.5, 3758312.5, 0.0, 1.5); ( 407787.5, 3758287.5, 0.0, 1.5);
( 407787.5, 3758262.5, 0.0, 1.5); ( 407787.5, 3758237.5, 0.0, 1.5);
( 407787.5, 3758212.5, 0.0, 1.5); ( 407787.5, 3758187.5, 0.0, 1.5);
( 407787.5, 3758162.5, 0.0, 1.5); ( 407787.5, 3758137.5, 0.0, 1.5);
( 407812.5, 3758512.5, 0.0, 1.5); ( 407812.5, 3758487.5, 0.0, 1.5);
( 407812.5, 3758462.5, 0.0, 1.5); ( 407812.5, 3758437.5, 0.0, 1.5);
( 407812.5, 3758412.5, 0.0, 1.5); ( 407812.5, 3758387.5, 0.0, 1.5);
( 407812.5, 3758362.5, 0.0, 1.5); ( 407812.5, 3758337.5, 0.0, 1.5);
( 407812.5, 3758312.5, 0.0, 1.5); ( 407812.5, 3758287.5, 0.0, 1.5);
( 407812.5, 3758262.5, 0.0, 1.5); ( 407812.5, 3758237.5, 0.0, 1.5);
( 407812.5, 3758212.5, 0.0, 1.5); ( 407812.5, 3758187.5, 0.0, 1.5);
( 407812.5, 3758162.5, 0.0, 1.5); ( 407812.5, 3758137.5, 0.0, 1.5);
( 407837.5, 3758512.5, 0.0, 1.5); ( 407837.5, 3758487.5, 0.0, 1.5);
( 407837.5, 3758462.5, 0.0, 1.5); ( 407837.5, 3758437.5, 0.0, 1.5);
( 407837.5, 3758412.5, 0.0, 1.5); ( 407837.5, 3758387.5, 0.0, 1.5);
( 407837.5, 3758362.5, 0.0, 1.5); ( 407837.5, 3758337.5, 0.0, 1.5);
( 407837.5, 3758312.5, 0.0, 1.5); ( 407837.5, 3758287.5, 0.0, 1.5);
( 407837.5, 3758262.5, 0.0, 1.5); ( 407837.5, 3758237.5, 0.0, 1.5);
( 407837.5, 3758212.5, 0.0, 1.5); ( 407837.5, 3758187.5, 0.0, 1.5);
( 407837.5, 3758162.5, 0.0, 1.5); ( 407837.5, 3758137.5, 0.0, 1.5);
( 407862.5, 3758512.5, 0.0, 1.5); ( 407862.5, 3758487.5, 0.0, 1.5);
( 407862.5, 3758462.5, 0.0, 1.5); ( 407862.5, 3758437.5, 0.0, 1.5);
( 407862.5, 3758412.5, 0.0, 1.5); ( 407862.5, 3758387.5, 0.0, 1.5);
( 407862.5, 3758362.5, 0.0, 1.5); ( 407862.5, 3758337.5, 0.0, 1.5);
( 407862.5, 3758312.5, 0.0, 1.5); ( 407862.5, 3758287.5, 0.0, 1.5);
( 407862.5, 3758262.5, 0.0, 1.5); ( 407862.5, 3758237.5, 0.0, 1.5);
( 407862.5, 3758212.5, 0.0, 1.5); ( 407862.5, 3758187.5, 0.0, 1.5);
( 407862.5, 3758162.5, 0.0, 1.5); ( 407862.5, 3758137.5, 0.0, 1.5);
( 407887.5, 3758512.5, 0.0, 1.5); ( 407887.5, 3758487.5, 0.0, 1.5);
( 407887.5, 3758462.5, 0.0, 1.5); ( 407887.5, 3758437.5, 0.0, 1.5);
( 407887.5, 3758412.5, 0.0, 1.5); ( 407887.5, 3758387.5, 0.0, 1.5);
( 407887.5, 3758362.5, 0.0, 1.5); ( 407887.5, 3758337.5, 0.0, 1.5);
( 407887.5, 3758312.5, 0.0, 1.5); ( 407887.5, 3758287.5, 0.0, 1.5);
( 407887.5, 3758262.5, 0.0, 1.5); ( 407887.5, 3758237.5, 0.0, 1.5);
( 407887.5, 3758212.5, 0.0, 1.5); ( 407887.5, 3758187.5, 0.0, 1.5);
( 407887.5, 3758162.5, 0.0, 1.5); ( 407887.5, 3758137.5, 0.0, 1.5);
( 407912.5, 3758512.5, 0.0, 1.5); ( 407912.5, 3758487.5, 0.0, 1.5);
( 407912.5, 3758462.5, 0.0, 1.5); ( 407912.5, 3758437.5, 0.0, 1.5);
* *** ISCST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS ANNUAL NOx emissions mitigated *** 12:00:00
**MODELOPTs: ** PAGE 25
CONC URBAN ELEV FLGPOL NOCALM

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

```

( 407912.5, 3758412.5, 0.0, 1.5); ( 407912.5, 3758387.5, 0.0, 1.5);
( 407912.5, 3758362.5, 0.0, 1.5); ( 407912.5, 3758337.5, 0.0, 1.5);
( 407912.5, 3758312.5, 0.0, 1.5); ( 407912.5, 3758287.5, 0.0, 1.5);
( 407912.5, 3758262.5, 0.0, 1.5); ( 407912.5, 3758237.5, 0.0, 1.5);
( 407912.5, 3758212.5, 0.0, 1.5); ( 407912.5, 3758187.5, 0.0, 1.5);
( 407912.5, 3758162.5, 0.0, 1.5); ( 407912.5, 3758137.5, 0.0, 1.5);
( 407937.5, 3758512.5, 0.0, 1.5); ( 407937.5, 3758487.5, 0.0, 1.5);
( 407937.5, 3758462.5, 0.0, 1.5); ( 407937.5, 3758437.5, 0.0, 1.5);
( 407937.5, 3758412.5, 0.0, 1.5); ( 407937.5, 3758387.5, 0.0, 1.5);

```

Appendix B

NOx Annual Emissions Mitigated

(407937.5, 3758362.5, 0.0, 1.5);	(407937.5, 3758337.5, 0.0, 1.5);
(407937.5, 3758312.5, 0.0, 1.5);	(407937.5, 3758287.5, 0.0, 1.5);
(407937.5, 3758262.5, 0.0, 1.5);	(407937.5, 3758237.5, 0.0, 1.5);
(407937.5, 3758212.5, 0.0, 1.5);	(407937.5, 3758187.5, 0.0, 1.5);
(407937.5, 3758162.5, 0.0, 1.5);	(407937.5, 3758137.5, 0.0, 1.5);
(407962.5, 3758512.5, 0.0, 1.5);	(407962.5, 3758487.5, 0.0, 1.5);
(407962.5, 3758462.5, 0.0, 1.5);	(407962.5, 3758437.5, 0.0, 1.5);
(407962.5, 3758412.5, 0.0, 1.5);	(407962.5, 3758387.5, 0.0, 1.5);
(407962.5, 3758362.5, 0.0, 1.5);	(407962.5, 3758337.5, 0.0, 1.5);
(407962.5, 3758312.5, 0.0, 1.5);	(407962.5, 3758287.5, 0.0, 1.5);
(407962.5, 3758262.5, 0.0, 1.5);	(407962.5, 3758237.5, 0.0, 1.5);
(407962.5, 3758212.5, 0.0, 1.5);	(407962.5, 3758187.5, 0.0, 1.5);
(407962.5, 3758162.5, 0.0, 1.5);	(407962.5, 3758137.5, 0.0, 1.5);
(407987.5, 3758512.5, 0.0, 1.5);	(407987.5, 3758487.5, 0.0, 1.5);
(407987.5, 3758462.5, 0.0, 1.5);	(407987.5, 3758437.5, 0.0, 1.5);
(407987.5, 3758412.5, 0.0, 1.5);	(407987.5, 3758387.5, 0.0, 1.5);
(407987.5, 3758362.5, 0.0, 1.5);	(407987.5, 3758337.5, 0.0, 1.5);
(407987.5, 3758312.5, 0.0, 1.5);	(407987.5, 3758287.5, 0.0, 1.5);
(407987.5, 3758262.5, 0.0, 1.5);	(407987.5, 3758237.5, 0.0, 1.5);
(407987.5, 3758212.5, 0.0, 1.5);	(407987.5, 3758187.5, 0.0, 1.5);
(407987.5, 3758162.5, 0.0, 1.5);	(407987.5, 3758137.5, 0.0, 1.5);
(408012.5, 3758512.5, 0.0, 1.5);	(408012.5, 3758487.5, 0.0, 1.5);
(408012.5, 3758462.5, 0.0, 1.5);	(408012.5, 3758437.5, 0.0, 1.5);
(408012.5, 3758412.5, 0.0, 1.5);	(408012.5, 3758387.5, 0.0, 1.5);
(408012.5, 3758362.5, 0.0, 1.5);	(408012.5, 3758337.5, 0.0, 1.5);
(408012.5, 3758312.5, 0.0, 1.5);	(408012.5, 3758287.5, 0.0, 1.5);
(408012.5, 3758262.5, 0.0, 1.5);	(408012.5, 3758237.5, 0.0, 1.5);
(408012.5, 3758212.5, 0.0, 1.5);	(408012.5, 3758187.5, 0.0, 1.5);
(408012.5, 3758162.5, 0.0, 1.5);	(408012.5, 3758137.5, 0.0, 1.5);
(408037.5, 3758512.5, 0.0, 1.5);	(408037.5, 3758487.5, 0.0, 1.5);
(408037.5, 3758462.5, 0.0, 1.5);	(408037.5, 3758437.5, 0.0, 1.5);
(408037.5, 3758412.5, 0.0, 1.5);	(408037.5, 3758387.5, 0.0, 1.5);
(408037.5, 3758362.5, 0.0, 1.5);	(408037.5, 3758337.5, 0.0, 1.5);
(408037.5, 3758312.5, 0.0, 1.5);	(408037.5, 3758287.5, 0.0, 1.5);
(408037.5, 3758262.5, 0.0, 1.5);	(408037.5, 3758237.5, 0.0, 1.5);
(408037.5, 3758212.5, 0.0, 1.5);	(408037.5, 3758187.5, 0.0, 1.5);

* *** IS CST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

07/29/11

*** ANALYSIS ANNUAL NOx emissions mitigated

12:00:00

**MODELOPTs:

CONC

URBAN ELEV FLGPOL

NOCALM

PAGE 26

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(408037.5, 3758162.5, 0.0, 1.5);	(408037.5, 3758137.5, 0.0, 1.5);
(408062.5, 3758512.5, 0.0, 1.5);	(408062.5, 3758487.5, 0.0, 1.5);
(408062.5, 3758462.5, 0.0, 1.5);	(408062.5, 3758437.5, 0.0, 1.5);
(408062.5, 3758412.5, 0.0, 1.5);	(408062.5, 3758387.5, 0.0, 1.5);
(408062.5, 3758362.5, 0.0, 1.5);	(408062.5, 3758337.5, 0.0, 1.5);
(408062.5, 3758312.5, 0.0, 1.5);	(408062.5, 3758287.5, 0.0, 1.5);
(408062.5, 3758262.5, 0.0, 1.5);	(408062.5, 3758237.5, 0.0, 1.5);
(408062.5, 3758212.5, 0.0, 1.5);	(408062.5, 3758187.5, 0.0, 1.5);
(408062.5, 3758162.5, 0.0, 1.5);	(408062.5, 3758137.5, 0.0, 1.5);
(408087.5, 3758512.5, 0.0, 1.5);	(408087.5, 3758487.5, 0.0, 1.5);
(408087.5, 3758462.5, 0.0, 1.5);	(408087.5, 3758437.5, 0.0, 1.5);
(408087.5, 3758412.5, 0.0, 1.5);	(408087.5, 3758387.5, 0.0, 1.5);
(408087.5, 3758362.5, 0.0, 1.5);	(408087.5, 3758337.5, 0.0, 1.5);
(408087.5, 3758312.5, 0.0, 1.5);	(408087.5, 3758287.5, 0.0, 1.5);
(408087.5, 3758262.5, 0.0, 1.5);	(408087.5, 3758237.5, 0.0, 1.5);
(408087.5, 3758212.5, 0.0, 1.5);	(408087.5, 3758187.5, 0.0, 1.5);
(408087.5, 3758162.5, 0.0, 1.5);	(408087.5, 3758137.5, 0.0, 1.5);
(408112.5, 3758512.5, 0.0, 1.5);	(408112.5, 3758487.5, 0.0, 1.5);
(408112.5, 3758462.5, 0.0, 1.5);	(408112.5, 3758437.5, 0.0, 1.5);
(408112.5, 3758412.5, 0.0, 1.5);	(408112.5, 3758387.5, 0.0, 1.5);
(408112.5, 3758362.5, 0.0, 1.5);	(408112.5, 3758337.5, 0.0, 1.5);
(408112.5, 3758312.5, 0.0, 1.5);	(408112.5, 3758287.5, 0.0, 1.5);
(408112.5, 3758262.5, 0.0, 1.5);	(408112.5, 3758237.5, 0.0, 1.5);
(408112.5, 3758212.5, 0.0, 1.5);	(408112.5, 3758187.5, 0.0, 1.5);
(408112.5, 3758162.5, 0.0, 1.5);	(408112.5, 3758137.5, 0.0, 1.5);
(405962.5, 3758562.5, 93.0, 1.5);	(406012.5, 3758562.5, 94.6, 1.5);
(406062.5, 3758562.5, 95.6, 1.5);	(406112.5, 3758562.5, 97.0, 1.5);
(406162.5, 3758562.5, 98.3, 1.5);	(406212.5, 3758562.5, 100.1, 1.5);
(406262.5, 3758562.5, 102.3, 1.5);	(406312.5, 3758562.5, 104.1, 1.5);
(406362.5, 3758562.5, 105.2, 1.5);	(406412.5, 3758562.5, 107.0, 1.5);

Appendix B

NOx Annual Emissions Mitigated

(406462.5, 3758562.5, 108.1, 1.5);	(405962.5, 3760012.5, 228.9, 1.5);		
(405962.5, 3759962.5, 226.7, 1.5);	(405962.5, 3759912.5, 220.6, 1.5);		
(405962.5, 3759862.5, 203.9, 1.5);	(405962.5, 3759812.5, 193.4, 1.5);		
(405962.5, 3759762.5, 189.1, 1.5);	(405962.5, 3759712.5, 171.9, 1.5);		
(405962.5, 3759662.5, 164.7, 1.5);	(405962.5, 3759612.5, 159.7, 1.5);		
(405962.5, 3759562.5, 157.0, 1.5);	(405962.5, 3759512.5, 160.4, 1.5);		
(405962.5, 3759462.5, 159.7, 1.5);	(405962.5, 3759412.5, 153.9, 1.5);		
(405962.5, 3759362.5, 143.8, 1.5);	(405962.5, 3759312.5, 134.1, 1.5);		
(405962.5, 3759262.5, 124.2, 1.5);	(405962.5, 3759212.5, 116.4, 1.5);		
(405962.5, 3759162.5, 114.5, 1.5);	(405962.5, 3759112.5, 112.4, 1.5);		
(405962.5, 3759062.5, 110.0, 1.5);	(405962.5, 3759012.5, 108.6, 1.5);		
(405962.5, 3758962.5, 107.3, 1.5);	(405962.5, 3758912.5, 105.1, 1.5);		
(405962.5, 3758862.5, 103.6, 1.5);	(405962.5, 3758812.5, 102.0, 1.5);		
(405962.5, 3758762.5, 99.6, 1.5);	(405962.5, 3758712.5, 98.0, 1.5);		
(405962.5, 3758662.5, 96.1, 1.5);	(405962.5, 3758612.5, 95.0, 1.5);		
. *** ISCS3 - VERSION 02035 ***		*** WHITTIER MATRIX OIL PROJECT	
		*** ANALYSIS ANNUAL NOx emissions mitigated	
MODELOPTs:		* 07/29/11	
CONC		12:00:00	
URBAN ELEV	FLGPOL	PAGE 27	
	NOCALM		

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406012.5, 3760012.5, 227.1, 1.5);	(406012.5, 3759962.5, 216.2, 1.5);		
(406012.5, 3759912.5, 200.3, 1.5);	(406012.5, 3759862.5, 198.9, 1.5);		
(406012.5, 3759812.5, 192.1, 1.5);	(406012.5, 3759762.5, 189.3, 1.5);		
(406012.5, 3759712.5, 185.9, 1.5);	(406012.5, 3759662.5, 166.7, 1.5);		
(406012.5, 3759612.5, 163.4, 1.5);	(406012.5, 3759562.5, 160.7, 1.5);		
(406012.5, 3759512.5, 160.8, 1.5);	(406012.5, 3759462.5, 155.5, 1.5);		
(406012.5, 3759412.5, 147.6, 1.5);	(406012.5, 3759362.5, 141.4, 1.5);		
(406012.5, 3759312.5, 133.4, 1.5);	(406012.5, 3759262.5, 127.0, 1.5);		
(406012.5, 3759212.5, 116.9, 1.5);	(406012.5, 3759162.5, 116.0, 1.5);		
(406012.5, 3759112.5, 114.1, 1.5);	(406012.5, 3759062.5, 111.6, 1.5);		
(406012.5, 3759012.5, 109.6, 1.5);	(406012.5, 3758962.5, 109.1, 1.5);		
(406012.5, 3758912.5, 107.1, 1.5);	(406012.5, 3758862.5, 104.5, 1.5);		
(406012.5, 3758812.5, 102.6, 1.5);	(406012.5, 3758762.5, 101.1, 1.5);		
(406012.5, 3758712.5, 99.0, 1.5);	(406012.5, 3758662.5, 97.0, 1.5);		
(406012.5, 3758612.5, 95.6, 1.5);	(406062.5, 3760012.5, 211.4, 1.5);		
(406062.5, 3759812.5, 167.0, 1.5);	(406062.5, 3759762.5, 164.6, 1.5);		
(406062.5, 3759712.5, 168.0, 1.5);	(406062.5, 3759662.5, 160.9, 1.5);		
(406062.5, 3759612.5, 160.0, 1.5);	(406062.5, 3759562.5, 151.0, 1.5);		
(406062.5, 3759512.5, 143.5, 1.5);	(406062.5, 3759462.5, 141.4, 1.5);		
(406062.5, 3759412.5, 136.6, 1.5);	(406062.5, 3759362.5, 131.2, 1.5);		
(406062.5, 3759312.5, 129.1, 1.5);	(406062.5, 3759262.5, 120.6, 1.5);		
(406062.5, 3759212.5, 119.6, 1.5);	(406062.5, 3759162.5, 118.0, 1.5);		
(406062.5, 3759112.5, 116.0, 1.5);	(406062.5, 3759062.5, 114.0, 1.5);		
(406062.5, 3759012.5, 112.3, 1.5);	(406062.5, 3758962.5, 111.0, 1.5);		
(406062.5, 3758912.5, 108.6, 1.5);	(406062.5, 3758862.5, 106.3, 1.5);		
(406062.5, 3758812.5, 104.5, 1.5);	(406062.5, 3758762.5, 102.1, 1.5);		
(406062.5, 3758712.5, 100.1, 1.5);	(406062.5, 3758662.5, 98.1, 1.5);		
(406062.5, 3758612.5, 97.0, 1.5);	(406112.5, 3760012.5, 187.6, 1.5);		
(406112.5, 3759812.5, 147.9, 1.5);	(406112.5, 3759762.5, 147.3, 1.5);		
(406112.5, 3759712.5, 145.7, 1.5);	(406112.5, 3759662.5, 143.9, 1.5);		
(406112.5, 3759612.5, 143.0, 1.5);	(406112.5, 3759562.5, 142.0, 1.5);		
(406112.5, 3759512.5, 140.7, 1.5);	(406112.5, 3759462.5, 131.5, 1.5);		
(406112.5, 3759412.5, 128.7, 1.5);	(406112.5, 3759362.5, 127.5, 1.5);		
(406112.5, 3759312.5, 127.3, 1.5);	(406112.5, 3759262.5, 125.7, 1.5);		
(406112.5, 3759212.5, 122.1, 1.5);	(406112.5, 3759162.5, 120.1, 1.5);		
(406112.5, 3759112.5, 118.1, 1.5);	(406112.5, 3759062.5, 116.0, 1.5);		
(406112.5, 3759012.5, 115.0, 1.5);	(406112.5, 3758962.5, 112.6, 1.5);		
(406112.5, 3758912.5, 110.6, 1.5);	(406112.5, 3758862.5, 108.6, 1.5);		
(406112.5, 3758812.5, 106.0, 1.5);	(406112.5, 3758762.5, 103.6, 1.5);		
(406112.5, 3758712.5, 101.6, 1.5);	(406112.5, 3758662.5, 99.6, 1.5);		
(406112.5, 3758612.5, 98.0, 1.5);	(406162.5, 3760012.5, 159.1, 1.5);		
(406162.5, 3759812.5, 152.2, 1.5);	(406162.5, 3759462.5, 135.8, 1.5);		
(406162.5, 3759412.5, 139.3, 1.5);	(406162.5, 3759362.5, 137.3, 1.5);		
(406162.5, 3759312.5, 136.2, 1.5);	(406162.5, 3759262.5, 128.6, 1.5);		
(406162.5, 3759212.5, 124.6, 1.5);	(406162.5, 3759162.5, 122.1, 1.5);		
. *** ISCS3 - VERSION 02035 ***		*** WHITTIER MATRIX OIL PROJECT	
		*** ANALYSIS ANNUAL NOx emissions mitigated	
MODELOPTs:		* 07/29/11	
CONC		12:00:00	
URBAN ELEV	FLGPOL	PAGE 28	
	NOCALM		

Appendix B

NOx Annual Emissions Mitigated

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406162.5, 3759112.5, 120.0, 1.5);	(406162.5, 3759062.5, 118.0, 1.5);
(406162.5, 3759012.5, 116.6, 1.5);	(406162.5, 3758962.5, 115.1, 1.5);
(406162.5, 3758912.5, 112.0, 1.5);	(406162.5, 3758862.5, 110.0, 1.5);
(406162.5, 3758812.5, 107.4, 1.5);	(406162.5, 3758762.5, 104.6, 1.5);
(406162.5, 3758712.5, 102.4, 1.5);	(406162.5, 3758662.5, 101.0, 1.5);
(406162.5, 3758612.5, 99.2, 1.5);	(406212.5, 3759412.5, 147.3, 1.5);
(406212.5, 3759362.5, 144.6, 1.5);	(406212.5, 3759312.5, 138.4, 1.5);
(406212.5, 3759262.5, 132.1, 1.5);	(406212.5, 3759212.5, 126.6, 1.5);
(406212.5, 3759162.5, 123.6, 1.5);	(406212.5, 3759112.5, 121.6, 1.5);
(406212.5, 3759062.5, 120.0, 1.5);	(406212.5, 3759012.5, 117.6, 1.5);
(406212.5, 3758962.5, 116.0, 1.5);	(406212.5, 3758912.5, 113.1, 1.5);
(406212.5, 3758862.5, 110.6, 1.5);	(406212.5, 3758812.5, 108.4, 1.5);
(406212.5, 3758762.5, 105.1, 1.5);	(406212.5, 3758712.5, 103.1, 1.5);
(406212.5, 3758662.5, 102.0, 1.5);	(406212.5, 3758612.5, 101.1, 1.5);
(406262.5, 3759412.5, 152.2, 1.5);	(406262.5, 3759362.5, 144.2, 1.5);
(406262.5, 3759312.5, 138.1, 1.5);	(406262.5, 3759262.5, 134.1, 1.5);
(406262.5, 3759212.5, 128.4, 1.5);	(406262.5, 3759162.5, 125.5, 1.5);
(406262.5, 3759112.5, 123.0, 1.5);	(406262.5, 3759062.5, 121.0, 1.5);
(406262.5, 3759012.5, 118.0, 1.5);	(406262.5, 3758962.5, 116.0, 1.5);
(406262.5, 3758912.5, 113.4, 1.5);	(406262.5, 3758862.5, 110.5, 1.5);
(406262.5, 3758812.5, 108.4, 1.5);	(406262.5, 3758762.5, 106.0, 1.5);
(406262.5, 3758712.5, 104.6, 1.5);	(406262.5, 3758662.5, 103.1, 1.5);
(406262.5, 3758612.5, 102.6, 1.5);	(406312.5, 3759412.5, 155.0, 1.5);
(406312.5, 3759362.5, 149.0, 1.5);	(406312.5, 3759312.5, 139.7, 1.5);
(406312.5, 3759262.5, 135.5, 1.5);	(406312.5, 3759212.5, 130.5, 1.5);
(406312.5, 3759162.5, 126.6, 1.5);	(406312.5, 3759112.5, 123.4, 1.5);
(406312.5, 3759062.5, 121.0, 1.5);	(406312.5, 3759012.5, 118.4, 1.5);
(406312.5, 3758962.5, 115.5, 1.5);	(406312.5, 3758912.5, 113.0, 1.5);
(406312.5, 3758862.5, 111.0, 1.5);	(406312.5, 3758812.5, 109.0, 1.5);
(406312.5, 3758762.5, 107.0, 1.5);	(406312.5, 3758712.5, 105.1, 1.5);
(406312.5, 3758662.5, 104.6, 1.5);	(406312.5, 3758612.5, 104.2, 1.5);
(406362.5, 3759412.5, 148.7, 1.5);	(406362.5, 3759362.5, 146.9, 1.5);
(406362.5, 3759312.5, 139.4, 1.5);	(406362.5, 3759262.5, 134.3, 1.5);
(406362.5, 3759212.5, 131.0, 1.5);	(406362.5, 3759162.5, 127.1, 1.5);
(406362.5, 3759112.5, 124.1, 1.5);	(406362.5, 3759062.5, 121.4, 1.5);
(406362.5, 3759012.5, 118.6, 1.5);	(406362.5, 3758962.5, 116.0, 1.5);
(406362.5, 3758912.5, 113.4, 1.5);	(406362.5, 3758862.5, 110.3, 1.5);
(406362.5, 3758812.5, 108.7, 1.5);	(406362.5, 3758762.5, 107.6, 1.5);
(406362.5, 3758712.5, 107.0, 1.5);	(406362.5, 3758662.5, 106.6, 1.5);
(406362.5, 3758612.5, 106.0, 1.5);	(406412.5, 3759312.5, 138.0, 1.5);
(406412.5, 3759262.5, 135.0, 1.5);	(406412.5, 3759212.5, 131.6, 1.5);
(406412.5, 3759162.5, 127.4, 1.5);	(406412.5, 3759112.5, 124.4, 1.5);
(406412.5, 3759062.5, 121.8, 1.5);	(406412.5, 3759012.5, 119.5, 1.5);
(406412.5, 3758962.5, 116.4, 1.5);	(406412.5, 3758912.5, 113.4, 1.5);
(406412.5, 3758862.5, 109.3, 1.5);	(406412.5, 3758812.5, 108.6, 1.5);

• *** ISCS3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL NOx emissions mitigated
 **MODELOPTs:
 CONC URBAN ELEV FLGPOL NOCALM

*** 07/29/11
 *** 12:00:00
 PAGE 29

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406412.5, 3758762.5, 108.6, 1.5);	(406412.5, 3758712.5, 109.0, 1.5);
(406412.5, 3758662.5, 109.0, 1.5);	(406412.5, 3758612.5, 108.0, 1.5);
(406462.5, 3759312.5, 138.0, 1.5);	(406462.5, 3759262.5, 135.1, 1.5);
(406462.5, 3759212.5, 131.4, 1.5);	(406462.5, 3759162.5, 127.4, 1.5);
(406462.5, 3759112.5, 124.4, 1.5);	(406462.5, 3759062.5, 121.0, 1.5);
(406462.5, 3759012.5, 119.5, 1.5);	(406462.5, 3758962.5, 117.1, 1.5);
(406462.5, 3758912.5, 114.7, 1.5);	(406462.5, 3758862.5, 110.2, 1.5);
(406462.5, 3758812.5, 109.6, 1.5);	(406462.5, 3758762.5, 110.6, 1.5);
(406462.5, 3758712.5, 110.6, 1.5);	(406462.5, 3758662.5, 110.0, 1.5);
(406462.5, 3758612.5, 109.0, 1.5);	(406512.5, 3759262.5, 136.0, 1.5);
(406512.5, 3759212.5, 132.1, 1.5);	(406512.5, 3759162.5, 127.4, 1.5);
(406512.5, 3759112.5, 125.0, 1.5);	(406512.5, 3759062.5, 122.6, 1.5);
(406512.5, 3759012.5, 120.1, 1.5);	(406512.5, 3758962.5, 117.3, 1.5);
(406512.5, 3758912.5, 115.5, 1.5);	(406512.5, 3758862.5, 113.3, 1.5);
(406512.5, 3758812.5, 114.2, 1.5);	(406512.5, 3758762.5, 113.6, 1.5);
(406512.5, 3758712.5, 113.0, 1.5);	(406512.5, 3758662.5, 112.0, 1.5);
(406512.5, 3758612.5, 110.6, 1.5);	(406537.5, 3758562.5, 110.0, 1.5);

Appendix B

				NOx Annual Emissions Mitigated			
(406562.5, 3759262.5,	137.4,	1.5);	(406562.5, 3759212.5,	133.6,	1.5);		
(406562.5, 3759162.5,	129.7,	1.5);	(406562.5, 3759112.5,	126.6,	1.5);		
(406562.5, 3759062.5,	124.0,	1.5);	(406562.5, 3759012.5,	121.4,	1.5);		
(406562.5, 3758962.5,	116.7,	1.5);	(406562.5, 3758912.5,	116.3,	1.5);		
(406562.5, 3758862.5,	117.3,	1.5);	(406562.5, 3758812.5,	117.0,	1.5);		
(406562.5, 3758762.5,	116.0,	1.5);	(406562.5, 3758712.5,	115.0,	1.5);		
(406562.5, 3758662.5,	113.6,	1.5);	(406562.5, 3758612.5,	112.0,	1.5);		
(406587.5, 3758562.5,	110.5,	1.5);	(406612.5, 3759212.5,	136.4,	1.5);		
(406612.5, 3759162.5,	132.6,	1.5);	(406612.5, 3759112.5,	128.6,	1.5);		
(406612.5, 3759062.5,	125.5,	1.5);	(406612.5, 3759012.5,	121.4,	1.5);		
(406612.5, 3758962.5,	121.1,	1.5);	(406612.5, 3758912.5,	121.1,	1.5);		
(406612.5, 3758862.5,	120.6,	1.5);	(406612.5, 3758812.5,	119.1,	1.5);		
(406612.5, 3758762.5,	117.4,	1.5);	(406612.5, 3758712.5,	116.1,	1.5);		
(406612.5, 3758662.5,	114.5,	1.5);	(406637.5, 3758562.5,	110.0,	1.5);		
(406662.5, 3759162.5,	133.4,	1.5);	(406662.5, 3759112.5,	128.8,	1.5);		
(406662.5, 3759062.5,	127.1,	1.5);	(406662.5, 3759012.5,	124.2,	1.5);		
(406662.5, 3758962.5,	124.8,	1.5);	(406662.5, 3758912.5,	124.1,	1.5);		
(406662.5, 3758862.5,	122.6,	1.5);	(406662.5, 3758812.5,	120.5,	1.5);		
(406662.5, 3758762.5,	118.0,	1.5);	(406662.5, 3758712.5,	116.0,	1.5);		
(406687.5, 3758562.5,	111.2,	1.5);	(406712.5, 3759162.5,	133.4,	1.5);		
(406712.5, 3759112.5,	130.2,	1.5);	(406712.5, 3759062.5,	132.9,	1.5);		
(406712.5, 3759012.5,	130.1,	1.5);	(406712.5, 3758962.5,	129.0,	1.5);		
(406712.5, 3758912.5,	125.5,	1.5);	(406712.5, 3758862.5,	122.3,	1.5);		
(406712.5, 37588612.5,	115.6,	1.5);	(406737.5, 3758562.5,	112.0,	1.5);		
(406762.5, 3759062.5,	139.6,	1.5);	(406762.5, 3759012.5,	133.6,	1.5);		
(406762.5, 3758962.5,	129.4,	1.5);	(406762.5, 3758912.5,	124.9,	1.5);		
(406762.5, 3758662.5,	118.8,	1.5);	(406762.5, 3758612.5,	115.3,	1.5);		
(406787.5, 3758562.5,	112.9,	1.5);	(406812.5, 3759012.5,	135.9,	1.5);		

*** ISCSST3 - VERSION 02035 *** WHITTIER MATRIX OIL PROJECT ANALYSIS ANNUAL NOx emissions mitigated *** 07/29/11 12:00:00 PAGE 30

**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406812.5, 3758962.5,	129.2,	1.5);	(406812.5, 3758712.5,	122.1,	1.5);
(406812.5, 3758662.5,	119.6,	1.5);	(406812.5, 3758612.5,	117.0,	1.5);
(406837.5, 3758562.5,	109.0,	1.5);	(406862.5, 3758762.5,	124.6,	1.5);
(406862.5, 3758712.5,	123.0,	1.5);	(406862.5, 3758662.5,	120.0,	1.5);
(406862.5, 3758612.5,	115.2,	1.5);	(406887.5, 3758562.5,	115.1,	1.5);
(406912.5, 3758762.5,	125.5,	1.5);	(406912.5, 3758712.5,	121.8,	1.5);
(406912.5, 3758662.5,	118.4,	1.5);	(406912.5, 3758612.5,	112.7,	1.5);
(406937.5, 3758562.5,	116.4,	1.5);	(406962.5, 3758762.5,	125.5,	1.5);
(406962.5, 3758712.5,	121.4,	1.5);	(406962.5, 3758662.5,	117.4,	1.5);
(406962.5, 3758612.5,	116.0,	1.5);	(406987.5, 3758562.5,	119.9,	1.5);
(407012.5, 3758712.5,	122.2,	1.5);	(407012.5, 3758662.5,	115.5,	1.5);
(407012.5, 3758612.5,	117.5,	1.5);	(407037.5, 3758562.5,	121.9,	1.5);
(407062.5, 3758662.5,	115.1,	1.5);	(407062.5, 3758612.5,	120.9,	1.5);
(407087.5, 3758562.5,	124.0,	1.5);	(407112.5, 3758662.5,	120.9,	1.5);
(407112.5, 3758612.5,	124.2,	1.5);	(407137.5, 3758562.5,	127.0,	1.5);
(407162.5, 3758662.5,	128.3,	1.5);	(407162.5, 3758612.5,	127.0,	1.5);
(407187.5, 3758562.5,	134.0,	1.5);	(407212.5, 3758662.5,	132.7,	1.5);
(407212.5, 3758612.5,	134.5,	1.5);	(407237.5, 3758562.5,	139.5,	1.5);
(407262.5, 3758662.5,	137.3,	1.5);	(407262.5, 3758612.5,	137.3,	1.5);
(407287.5, 3758562.5,	140.1,	1.5);	(407312.5, 3758662.5,	142.3,	1.5);
(407312.5, 3758612.5,	141.2,	1.5);	(407337.5, 3758562.5,	144.9,	1.5);
(407362.5, 3758662.5,	147.6,	1.5);	(407362.5, 3758612.5,	146.2,	1.5);
(407387.5, 3758562.5,	149.1,	1.5);	(407412.5, 3758662.5,	151.6,	1.5);
(407412.5, 3758612.5,	152.6,	1.5);	(407437.5, 3758562.5,	154.5,	1.5);
(407462.5, 3758662.5,	153.8,	1.5);	(407462.5, 3758612.5,	154.2,	1.5);
(407487.5, 3758562.5,	152.9,	1.5);	(407512.5, 3758662.5,	147.4,	1.5);
(407512.5, 3758612.5,	145.4,	1.5);	(407537.5, 3758562.5,	0.0,	1.5);
(407562.5, 3758662.5,	0.0,	1.5);	(407562.5, 3758612.5,	0.0,	1.5);
(407587.5, 3758562.5,	0.0,	1.5);	(407612.5, 3758662.5,	0.0,	1.5);
(407612.5, 3758612.5,	0.0,	1.5);	(407637.5, 3758562.5,	0.0,	1.5);
(407662.5, 3758612.5,	0.0,	1.5);	(407687.5, 3758562.5,	0.0,	1.5);
(407712.5, 3758612.5,	0.0,	1.5);	(407737.5, 3758562.5,	0.0,	1.5);
(407762.5, 3758612.5,	0.0,	1.5);	(407787.5, 3758562.5,	0.0,	1.5);
(407812.5, 3758612.5,	0.0,	1.5);	(407837.5, 3758562.5,	0.0,	1.5);
(407862.5, 3758612.5,	0.0,	1.5);	(407887.5, 3758562.5,	0.0,	1.5);
(407912.5, 3758612.5,	0.0,	1.5);	(407937.5, 3758562.5,	0.0,	1.5);
(407962.5, 3758612.5,	0.0,	1.5);	(407987.5, 3758562.5,	0.0,	1.5);
(408012.5, 3758612.5,	0.0,	1.5);	(408037.5, 3758562.5,	0.0,	1.5);

Appendix B

NOx Annual Emissions Mitigated

(408062.5, 3758612.5, 0.0, 1.5);	(408087.5, 3758562.5, 0.0, 1.5);
(408112.5, 3758612.5, 0.0, 1.5);	(405962.5, 3758537.5, 92.3, 1.5);
(405987.5, 3758562.5, 93.8, 1.5);	(406037.5, 3758562.5, 95.0, 1.5);
(406087.5, 3758562.5, 96.0, 1.5);	(406137.5, 3758562.5, 97.9, 1.5);
(406187.5, 3758562.5, 99.0, 1.5);	(406237.5, 3758562.5, 101.3, 1.5);
(406287.5, 3758562.5, 103.4, 1.5);	(406337.5, 3758562.5, 105.0, 1.5);
(406387.5, 3758562.5, 106.0, 1.5);	(406437.5, 3758562.5, 107.7, 1.5);

• *** IS CST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions mitigated *** 12:00:00
 **MODELOPTs: PAGE 31

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406487.5, 3758562.5, 109.0, 1.5);	(406537.5, 3758537.5, 109.0, 1.5);
(406587.5, 3758537.5, 109.7, 1.5);	(406637.5, 3758537.5, 109.0, 1.5);
(406687.5, 3758537.5, 110.0, 1.5);	(406737.5, 3758537.5, 109.9, 1.5);
(406787.5, 3758537.5, 110.0, 1.5);	(406837.5, 3758537.5, 111.0, 1.5);
(406887.5, 3758537.5, 113.7, 1.5);	(406937.5, 3758537.5, 116.0, 1.5);
(406987.5, 3758537.5, 120.8, 1.5);	(407037.5, 3758537.5, 122.0, 1.5);
(407087.5, 3758537.5, 124.8, 1.5);	(407137.5, 3758537.5, 128.8, 1.5);
(407187.5, 3758537.5, 137.7, 1.5);	(407237.5, 3758537.5, 141.0, 1.5);
(407287.5, 3758537.5, 143.8, 1.5);	(407337.5, 3758537.5, 147.0, 1.5);
(407387.5, 3758537.5, 148.8, 1.5);	(407437.5, 3758537.5, 153.5, 1.5);
(407487.5, 3758537.5, 155.4, 1.5);	(407537.5, 3758537.5, 0.0, 1.5);
(407587.5, 3758537.5, 0.0, 1.5);	(407637.5, 3758537.5, 0.0, 1.5);
(407687.5, 3758537.5, 0.0, 1.5);	(407737.5, 3758537.5, 0.0, 1.5);
(407787.5, 3758537.5, 0.0, 1.5);	(407837.5, 3758537.5, 0.0, 1.5);
(407887.5, 3758537.5, 0.0, 1.5);	(407937.5, 3758537.5, 0.0, 1.5);
(407987.5, 3758537.5, 0.0, 1.5);	(408037.5, 3758537.5, 0.0, 1.5);
(408087.5, 3758537.5, 0.0, 1.5);	(405962.5, 3759987.5, 229.9, 1.5);
(405962.5, 3759937.5, 223.6, 1.5);	(405962.5, 3759887.5, 214.8, 1.5);
(405962.5, 3759837.5, 195.5, 1.5);	(405962.5, 3759787.5, 191.6, 1.5);
(405962.5, 3759737.5, 188.7, 1.5);	(405962.5, 3759687.5, 167.2, 1.5);
(405962.5, 3759637.5, 162.2, 1.5);	(405962.5, 3759587.5, 157.2, 1.5);
(405962.5, 3759537.5, 159.3, 1.5);	(405962.5, 3759487.5, 159.3, 1.5);
(405962.5, 3759437.5, 157.2, 1.5);	(405962.5, 3759387.5, 148.9, 1.5);
(405962.5, 3759337.5, 138.2, 1.5);	(405962.5, 3759287.5, 128.2, 1.5);
(405962.5, 3759237.5, 120.2, 1.5);	(405962.5, 3759187.5, 115.0, 1.5);
(405962.5, 3759137.5, 113.9, 1.5);	(405962.5, 3759087.5, 112.0, 1.5);
(405962.5, 3759037.5, 109.0, 1.5);	(405962.5, 3758987.5, 108.0, 1.5);
(405962.5, 3758937.5, 106.3, 1.5);	(405962.5, 3758887.5, 104.9, 1.5);
(405962.5, 3758837.5, 103.0, 1.5);	(405962.5, 3758787.5, 100.9, 1.5);
(405962.5, 3758737.5, 98.9, 1.5);	(405962.5, 3758687.5, 97.0, 1.5);
(405962.5, 3758637.5, 95.0, 1.5);	(406012.5, 3759987.5, 224.1, 1.5);
(406012.5, 3759937.5, 203.5, 1.5);	(406012.5, 3759887.5, 201.9, 1.5);
(406012.5, 3759837.5, 196.6, 1.5);	(406012.5, 3759787.5, 190.7, 1.5);
(406012.5, 3759737.5, 190.4, 1.5);	(406012.5, 3759687.5, 169.9, 1.5);
(406012.5, 3759637.5, 165.9, 1.5);	(406012.5, 3759587.5, 161.0, 1.5);
(406012.5, 3759537.5, 161.0, 1.5);	(406012.5, 3759487.5, 159.1, 1.5);
(406012.5, 3759437.5, 150.2, 1.5);	(406012.5, 3759387.5, 146.3, 1.5);
(406012.5, 3759337.5, 137.4, 1.5);	(406012.5, 3759287.5, 129.9, 1.5);
(406012.5, 3759237.5, 121.6, 1.5);	(406012.5, 3759187.5, 116.3, 1.5);
(406012.5, 3759137.5, 115.2, 1.5);	(406012.5, 3759087.5, 113.0, 1.5);
(406012.5, 3759037.5, 110.2, 1.5);	(406012.5, 3758987.5, 110.0, 1.5);
(406012.5, 3758937.5, 108.2, 1.5);	(406012.5, 3758887.5, 105.9, 1.5);
(406012.5, 3758837.5, 103.0, 1.5);	(406012.5, 3758787.5, 102.0, 1.5);
(406012.5, 3758737.5, 99.9, 1.5);	(406012.5, 3758687.5, 98.0, 1.5);
(406012.5, 3758637.5, 96.3, 1.5);	(406062.5, 3759987.5, 209.4, 1.5);

• *** IS CST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions mitigated *** 12:00:00
 **MODELOPTs: PAGE 32

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406062.5, 3759837.5, 177.7, 1.5);	(406062.5, 3759787.5, 171.7, 1.5);
(406062.5, 3759737.5, 166.3, 1.5);	(406062.5, 3759687.5, 167.2, 1.5);
(406062.5, 3759637.5, 161.1, 1.5);	(406062.5, 3759587.5, 157.8, 1.5);
(406062.5, 3759537.5, 146.4, 1.5);	(406062.5, 3759487.5, 142.0, 1.5);

Appendix B

NOx Annual Emissions Mitigated

(406062.5, 3759437.5,	138.4,	1.5);	(406062.5, 3759387.5,	133.4,	1.5);
(406062.5, 3759337.5,	129.4,	1.5);	(406062.5, 3759287.5,	126.4,	1.5);
(406062.5, 3759237.5,	120.0,	1.5);	(406062.5, 3759187.5,	119.0,	1.5);
(406062.5, 3759137.5,	117.0,	1.5);	(406062.5, 3759087.5,	114.9,	1.5);
(406062.5, 3759037.5,	113.0,	1.5);	(406062.5, 3758987.5,	112.0,	1.5);
(406062.5, 3758937.5,	109.0,	1.5);	(406062.5, 3758887.5,	107.3,	1.5);
(406062.5, 3758837.5,	105.0,	1.5);	(406062.5, 3758787.5,	103.0,	1.5);
(406062.5, 3758737.5,	101.3,	1.5);	(406062.5, 3758687.5,	99.0,	1.5);
(406062.5, 3758637.5,	98.0,	1.5);	(406112.5, 3759987.5,	180.6,	1.5);
(406112.5, 3759837.5,	149.0,	1.5);	(406112.5, 3759787.5,	147.9,	1.5);
(406112.5, 3759737.5,	145.7,	1.5);	(406112.5, 3759687.5,	145.0,	1.5);
(406112.5, 3759637.5,	143.0,	1.5);	(406112.5, 3759587.5,	143.0,	1.5);
(406112.5, 3759537.5,	141.7,	1.5);	(406112.5, 3759487.5,	136.8,	1.5);
(406112.5, 3759437.5,	129.9,	1.5);	(406112.5, 3759387.5,	127.3,	1.5);
(406112.5, 3759337.5,	128.5,	1.5);	(406112.5, 3759287.5,	127.5,	1.5);
(406112.5, 3759237.5,	123.2,	1.5);	(406112.5, 3759187.5,	121.2,	1.5);
(406112.5, 3759137.5,	119.0,	1.5);	(406112.5, 3759087.5,	117.0,	1.5);
(406112.5, 3759037.5,	115.2,	1.5);	(406112.5, 3758987.5,	114.0,	1.5);
(406112.5, 3758937.5,	111.3,	1.5);	(406112.5, 3758887.5,	109.2,	1.5);
(406112.5, 3758837.5,	107.3,	1.5);	(406112.5, 3758787.5,	104.9,	1.5);
(406112.5, 3758737.5,	102.3,	1.5);	(406112.5, 3758687.5,	100.9,	1.5);
(406112.5, 3758637.5,	99.0,	1.5);	(406162.5, 3759987.5,	155.4,	1.5);
(406162.5, 3759837.5,	153.4,	1.5);	(406162.5, 3759787.5,	154.2,	1.5);
(406162.5, 3759437.5,	137.1,	1.5);	(406162.5, 3759387.5,	138.5,	1.5);
(406162.5, 3759337.5,	137.8,	1.5);	(406162.5, 3759287.5,	132.2,	1.5);
(406162.5, 3759237.5,	126.2,	1.5);	(406162.5, 3759187.5,	123.2,	1.5);
(406162.5, 3759137.5,	120.9,	1.5);	(406162.5, 3759087.5,	119.0,	1.5);
(406162.5, 3759037.5,	117.3,	1.5);	(406162.5, 3758987.5,	116.0,	1.5);
(406162.5, 3758937.5,	113.2,	1.5);	(406162.5, 3758887.5,	111.0,	1.5);
(406162.5, 3758837.5,	109.0,	1.5);	(406162.5, 3758787.5,	105.9,	1.5);
(406162.5, 3758737.5,	103.0,	1.5);	(406162.5, 3758687.5,	102.0,	1.5);
(406162.5, 3758637.5,	100.0,	1.5);	(406212.5, 3759437.5,	151.9,	1.5);
(406212.5, 3759387.5,	147.2,	1.5);	(406212.5, 3759337.5,	141.0,	1.5);
(406212.5, 3759287.5,	134.9,	1.5);	(406212.5, 3759237.5,	128.2,	1.5);
(406212.5, 3759187.5,	125.0,	1.5);	(406212.5, 3759137.5,	123.0,	1.5);
(406212.5, 3759087.5,	120.9,	1.5);	(406212.5, 3759037.5,	118.9,	1.5);
(406212.5, 3758987.5,	117.0,	1.5);	(406212.5, 3758937.5,	114.9,	1.5);
(406212.5, 3758887.5,	112.0,	1.5);	(406212.5, 3758837.5,	109.2,	1.5);
(406212.5, 3758787.5,	107.0,	1.5);	(406212.5, 3758737.5,	104.0,	1.5);
(406212.5, 3758687.5,	103.0,	1.5);	(406212.5, 3758637.5,	102.0,	1.5);
(406262.5, 3759437.5,	153.2,	1.5);	(406262.5, 3759387.5,	149.5,	1.5);

*** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions mitigated *** 12:00:00
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 33
 CONC

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406262.5, 3759337.5,	139.9,	1.5);	(406262.5, 3759287.5,	135.9,	1.5);
(406262.5, 3759237.5,	131.2,	1.5);	(406262.5, 3759187.5,	126.9,	1.5);
(406262.5, 3759137.5,	124.0,	1.5);	(406262.5, 3759087.5,	122.0,	1.5);
(406262.5, 3759037.5,	119.9,	1.5);	(406262.5, 3758987.5,	117.0,	1.5);
(406262.5, 3758937.5,	114.9,	1.5);	(406262.5, 3758887.5,	112.0,	1.5);
(406262.5, 3758837.5,	109.7,	1.5);	(406262.5, 3758787.5,	108.0,	1.5);
(406262.5, 3758737.5,	105.0,	1.5);	(406262.5, 3758687.5,	104.0,	1.5);
(406262.5, 3758637.5,	103.0,	1.5);	(406312.5, 3759437.5,	155.9,	1.5);
(406312.5, 3759387.5,	153.9,	1.5);	(406312.5, 3759337.5,	144.2,	1.5);
(406312.5, 3759287.5,	138.0,	1.5);	(406312.5, 3759237.5,	133.0,	1.5);
(406312.5, 3759187.5,	128.0,	1.5);	(406312.5, 3759137.5,	124.9,	1.5);
(406312.5, 3759087.5,	122.0,	1.5);	(406312.5, 3759037.5,	119.9,	1.5);
(406312.5, 3758987.5,	117.0,	1.5);	(406312.5, 3758937.5,	114.0,	1.5);
(406312.5, 3758887.5,	112.0,	1.5);	(406312.5, 3758837.5,	109.9,	1.5);
(406312.5, 3758787.5,	108.0,	1.5);	(406312.5, 3758737.5,	106.0,	1.5);
(406312.5, 3758687.5,	105.0,	1.5);	(406312.5, 3758637.5,	104.2,	1.5);
(406362.5, 3759437.5,	151.1,	1.5);	(406362.5, 3759387.5,	148.1,	1.5);
(406362.5, 3759337.5,	143.6,	1.5);	(406362.5, 3759287.5,	136.9,	1.5);
(406362.5, 3759237.5,	133.0,	1.5);	(406362.5, 3759187.5,	128.9,	1.5);
(406362.5, 3759137.5,	125.9,	1.5);	(406362.5, 3759087.5,	123.0,	1.5);
(406362.5, 3759037.5,	120.0,	1.5);	(406362.5, 3758987.5,	117.0,	1.5);
(406362.5, 3758937.5,	114.9,	1.5);	(406362.5, 3758887.5,	111.7,	1.5);
(406362.5, 3758837.5,	109.0,	1.5);	(406362.5, 3758787.5,	108.0,	1.5);
(406362.5, 3758737.5,	107.3,	1.5);	(406362.5, 3758687.5,	107.0,	1.5);
(406362.5, 3758637.5,	106.0,	1.5);	(406412.5, 3759337.5,	138.9,	1.5);

Appendix B

NOx Annual Emissions Mitigated

(406412.5, 3759287.5, 136.0, 1.5);	(406412.5, 3759237.5, 134.0, 1.5);	
(406412.5, 3759187.5, 129.9, 1.5);	(406412.5, 3759137.5, 126.0, 1.5);	
(406412.5, 3759087.5, 123.0, 1.5);	(406412.5, 3759037.5, 120.0, 1.5);	
(406412.5, 3758987.5, 118.0, 1.5);	(406412.5, 3758937.5, 115.2, 1.5);	
(406412.5, 3758887.5, 110.9, 1.5);	(406412.5, 3758837.5, 109.0, 1.5);	
(406412.5, 3758787.5, 108.3, 1.5);	(406412.5, 3758737.5, 109.0, 1.5);	
(406412.5, 3758687.5, 109.0, 1.5);	(406412.5, 3758637.5, 108.2, 1.5);	
(406462.5, 3759287.5, 136.9, 1.5);	(406462.5, 3759237.5, 133.9, 1.5);	
(406462.5, 3759187.5, 129.9, 1.5);	(406462.5, 3759137.5, 125.9, 1.5);	
(406462.5, 3759087.5, 122.0, 1.5);	(406462.5, 3759037.5, 120.0, 1.5);	
(406462.5, 3758987.5, 118.0, 1.5);	(406462.5, 3758937.5, 116.0, 1.5);	
(406462.5, 3758887.5, 112.2, 1.5);	(406462.5, 3758837.5, 109.2, 1.5);	
(406462.5, 3758787.5, 110.2, 1.5);	(406462.5, 3758737.5, 110.2, 1.5);	
(406462.5, 3758687.5, 110.9, 1.5);	(406462.5, 3758637.5, 109.2, 1.5);	
(406512.5, 3759287.5, 138.0, 1.5);	(406512.5, 3759237.5, 134.0, 1.5);	
(406512.5, 3759187.5, 129.2, 1.5);	(406512.5, 3759137.5, 126.2, 1.5);	
(406512.5, 3759087.5, 123.9, 1.5);	(406512.5, 3759037.5, 121.2, 1.5);	
(406512.5, 3758987.5, 118.9, 1.5);	(406512.5, 3758937.5, 116.7, 1.5);	
(406512.5, 3758887.5, 114.0, 1.5);	(406512.5, 3758837.5, 114.2, 1.5);	
(406512.5, 3758787.5, 113.3, 1.5);	(406512.5, 3758737.5, 113.3, 1.5);	
• *** ISCST3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT	*** 07/29/11
	*** ANALYSIS ANNUAL NOx emissions mitigated	*** 12:00:00
**MODELOPTs:		PAGE 34
CONC	URBAN ELEV FLGPOL	NOCALM
	*** DISCRETE CARTESIAN RECEPTORS ***	
	(X-COORD, Y-COORD, ZELEV, ZFLAG)	
	(METERS)	
(406512.5, 3758687.5, 112.3, 1.5);	(406512.5, 3758637.5, 111.3, 1.5);	
(406562.5, 3759237.5, 135.2, 1.5);	(406562.5, 3759187.5, 131.9, 1.5);	
(406562.5, 3759137.5, 128.0, 1.5);	(406562.5, 3759087.5, 125.2, 1.5);	
(406562.5, 3759037.5, 123.0, 1.5);	(406562.5, 3758987.5, 119.9, 1.5);	
(406562.5, 3758937.5, 116.3, 1.5);	(406562.5, 3758887.5, 116.3, 1.5);	
(406562.5, 3758837.5, 117.3, 1.5);	(406562.5, 3758787.5, 116.3, 1.5);	
(406562.5, 3758737.5, 115.9, 1.5);	(406562.5, 3758687.5, 114.2, 1.5);	
(406562.5, 3758637.5, 113.0, 1.5);	(406562.5, 3758587.5, 111.0, 1.5);	
(406612.5, 3759187.5, 134.2, 1.5);	(406612.5, 3759137.5, 130.2, 1.5);	
(406612.5, 3759087.5, 126.9, 1.5);	(406612.5, 3759037.5, 123.0, 1.5);	
(406612.5, 3758987.5, 120.9, 1.5);	(406612.5, 3758937.5, 121.2, 1.5);	
(406612.5, 3758887.5, 121.2, 1.5);	(406612.5, 3758837.5, 120.0, 1.5);	
(406612.5, 3758787.5, 118.0, 1.5);	(406612.5, 3758737.5, 117.0, 1.5);	
(406612.5, 3758687.5, 115.9, 1.5);	(406612.5, 3758637.5, 113.0, 1.5);	
(406612.5, 3758587.5, 111.0, 1.5);	(406662.5, 3759187.5, 135.9, 1.5);	
(406662.5, 3759137.5, 130.9, 1.5);	(406662.5, 3759087.5, 128.0, 1.5);	
(406662.5, 3759037.5, 125.2, 1.5);	(406662.5, 3758987.5, 124.5, 1.5);	
(406662.5, 3758937.5, 125.0, 1.5);	(406662.5, 3758887.5, 123.0, 1.5);	
(406662.5, 3758837.5, 122.0, 1.5);	(406662.5, 3758787.5, 119.0, 1.5);	
(406662.5, 3758737.5, 117.0, 1.5);	(406712.5, 3759137.5, 131.2, 1.5);	
(406712.5, 3759087.5, 131.3, 1.5);	(406712.5, 3759037.5, 130.5, 1.5);	
(406712.5, 3758987.5, 129.2, 1.5);	(406712.5, 3758937.5, 128.0, 1.5);	
(406712.5, 3758887.5, 123.7, 1.5);	(406712.5, 3758587.5, 113.9, 1.5);	
(406762.5, 3759037.5, 136.2, 1.5);	(406762.5, 3758987.5, 131.9, 1.5);	
(406762.5, 3758937.5, 127.0, 1.5);	(406762.5, 3758687.5, 118.3, 1.5);	
(406762.5, 3758637.5, 116.7, 1.5);	(406762.5, 3758587.5, 114.0, 1.5);	
(406812.5, 3758987.5, 132.6, 1.5);	(406812.5, 3758687.5, 121.2, 1.5);	
(406812.5, 3758637.5, 117.3, 1.5);	(406812.5, 3758587.5, 115.6, 1.5);	
(406862.5, 3758737.5, 124.0, 1.5);	(406862.5, 3758687.5, 122.0, 1.5);	
(406862.5, 3758637.5, 118.0, 1.5);	(406862.5, 3758587.5, 108.7, 1.5);	
(406912.5, 3758787.5, 127.0, 1.5);	(406912.5, 3758737.5, 123.0, 1.5);	
(406912.5, 3758687.5, 120.0, 1.5);	(406912.5, 3758637.5, 116.6, 1.5);	
(406912.5, 3758587.5, 115.3, 1.5);	(406962.5, 3758737.5, 123.0, 1.5);	
(406962.5, 3758687.5, 119.9, 1.5);	(406962.5, 3758637.5, 115.0, 1.5);	
(406962.5, 3758587.5, 117.0, 1.5);	(407012.5, 3758687.5, 118.9, 1.5);	
(407012.5, 3758637.5, 115.3, 1.5);	(407012.5, 3758587.5, 119.3, 1.5);	
(407062.5, 3758687.5, 117.0, 1.5);	(407062.5, 3758637.5, 118.6, 1.5);	
(407062.5, 3758587.5, 122.0, 1.5);	(407112.5, 3758637.5, 123.3, 1.5);	
(407112.5, 3758587.5, 125.0, 1.5);	(407162.5, 3758637.5, 127.0, 1.5);	
(407162.5, 3758587.5, 127.0, 1.5);	(407212.5, 3758637.5, 132.0, 1.5);	
(407212.5, 3758587.5, 136.3, 1.5);	(407262.5, 3758637.5, 137.3, 1.5);	
(407262.5, 3758587.5, 138.3, 1.5);	(407312.5, 3758637.5, 142.3, 1.5);	
(407312.5, 3758587.5, 141.2, 1.5);	(407362.5, 3758637.5, 146.2, 1.5);	
(407362.5, 3758587.5, 146.2, 1.5);	(407412.5, 3758637.5, 152.2, 1.5);	
(407412.5, 3758587.5, 153.3, 1.5);	(407462.5, 3758637.5, 152.7, 1.5);	
• *** ISCST3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT	*** 07/29/11

Appendix B

NOx Annual Emissions Mitigated

*** ANALYSIS ANNUAL NOx emissions mitigated

12:00:00

**MODELOPTs:

PAGE 35

CONC URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(407462.5, 3758587.5, 155.0, 1.5);	(407512.5, 3758637.5, 146.7, 1.5);
(407512.5, 3758587.5, 146.1, 1.5);	(407562.5, 3758637.5, 0.0, 1.5);
(407562.5, 3758587.5, 0.0, 1.5);	(407612.5, 3758637.5, 0.0, 1.5);
(407612.5, 3758587.5, 0.0, 1.5);	(407662.5, 3758637.5, 0.0, 1.5);
(407662.5, 3758587.5, 0.0, 1.5);	(407712.5, 3758637.5, 0.0, 1.5);
(407712.5, 3758587.5, 0.0, 1.5);	(407762.5, 3758637.5, 0.0, 1.5);
(407762.5, 3758587.5, 0.0, 1.5);	(407812.5, 3758637.5, 0.0, 1.5);
(407812.5, 3758587.5, 0.0, 1.5);	(407862.5, 3758637.5, 0.0, 1.5);
(407862.5, 3758587.5, 0.0, 1.5);	(407912.5, 3758637.5, 0.0, 1.5);
(407912.5, 3758587.5, 0.0, 1.5);	(407962.5, 3758637.5, 0.0, 1.5);
(407962.5, 3758587.5, 0.0, 1.5);	(408012.5, 3758637.5, 0.0, 1.5);
(408012.5, 3758587.5, 0.0, 1.5);	(408062.5, 3758637.5, 0.0, 1.5);
(408062.5, 3758587.5, 0.0, 1.5);	(408112.5, 3758637.5, 0.0, 1.5);
(408112.5, 3758587.5, 0.0, 1.5);	(405987.5, 3758537.5, 93.0, 1.5);
(406012.5, 3758537.5, 94.0, 1.5);	(406037.5, 3758537.5, 94.7, 1.5);
(406062.5, 3758537.5, 95.0, 1.5);	(406087.5, 3758537.5, 96.0, 1.5);
(406112.5, 3758537.5, 96.3, 1.5);	(406137.5, 3758537.5, 97.0, 1.5);
(406162.5, 3758537.5, 98.0, 1.5);	(406187.5, 3758537.5, 98.8, 1.5);
(406212.5, 3758537.5, 99.9, 1.5);	(406237.5, 3758537.5, 100.8, 1.5);
(406262.5, 3758537.5, 102.0, 1.5);	(406287.5, 3758537.5, 103.0, 1.5);
(406312.5, 3758537.5, 104.0, 1.5);	(406337.5, 3758537.5, 104.7, 1.5);
(406362.5, 3758537.5, 105.0, 1.5);	(406387.5, 3758537.5, 105.7, 1.5);
(406412.5, 3758537.5, 106.0, 1.5);	(406437.5, 3758537.5, 107.0, 1.5);
(406462.5, 3758537.5, 108.0, 1.5);	(406487.5, 3758537.5, 108.0, 1.5);
(406512.5, 3758537.5, 109.0, 1.5);	(406562.5, 3758537.5, 109.0, 1.5);
(406612.5, 3758537.5, 109.9, 1.5);	(406662.5, 3758537.5, 109.0, 1.5);
(406712.5, 3758537.5, 109.9, 1.5);	(406762.5, 3758537.5, 109.0, 1.5);
(406812.5, 3758537.5, 110.0, 1.5);	(406862.5, 3758537.5, 111.3, 1.5);
(406912.5, 3758537.5, 114.9, 1.5);	(406962.5, 3758537.5, 118.5, 1.5);
(407012.5, 3758537.5, 122.0, 1.5);	(407062.5, 3758537.5, 123.0, 1.5);
(407112.5, 3758537.5, 127.0, 1.5);	(407162.5, 3758537.5, 130.0, 1.5);
(407212.5, 3758537.5, 141.0, 1.5);	(407262.5, 3758537.5, 142.0, 1.5);
(407312.5, 3758537.5, 147.0, 1.5);	(407362.5, 3758537.5, 147.3, 1.5);
(407412.5, 3758537.5, 151.2, 1.5);	(407462.5, 3758537.5, 158.3, 1.5);
(407512.5, 3758537.5, 148.4, 1.5);	(407562.5, 3758537.5, 0.0, 1.5);
(407612.5, 3758537.5, 0.0, 1.5);	(407662.5, 3758537.5, 0.0, 1.5);
(407712.5, 3758537.5, 0.0, 1.5);	(407762.5, 3758537.5, 0.0, 1.5);
(407812.5, 3758537.5, 0.0, 1.5);	(407862.5, 3758537.5, 0.0, 1.5);
(407912.5, 3758537.5, 0.0, 1.5);	(407962.5, 3758537.5, 0.0, 1.5);
(408012.5, 3758537.5, 0.0, 1.5);	(408062.5, 3758537.5, 0.0, 1.5);
(408112.5, 3758537.5, 0.0, 1.5);	(405962.5, 3758587.5, 94.0, 1.5);
(406012.5, 3758587.5, 95.0, 1.5);	(406062.5, 3758587.5, 96.0, 1.5);
(406112.5, 3758587.5, 97.0, 1.5);	(406162.5, 3758587.5, 99.0, 1.5);
(406212.5, 3758587.5, 100.9, 1.5);	(406262.5, 3758587.5, 102.3, 1.5);
(406312.5, 3758587.5, 104.2, 1.5);	(406362.5, 3758587.5, 105.2, 1.5);

• *** ISCSST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL NOx emissions mitigated

07/29/11
12:00:00
PAGE 36

**MODELOPTs:
CONC URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406412.5, 3758587.5, 107.0, 1.5);	(406462.5, 3758587.5, 109.0, 1.5);
(406512.5, 3758587.5, 110.0, 1.5);	(405987.5, 3760012.5, 229.9, 1.5);
(405987.5, 3759962.5, 223.9, 1.5);	(405987.5, 3759912.5, 217.2, 1.5);
(405987.5, 3759862.5, 205.0, 1.5);	(405987.5, 3759812.5, 194.2, 1.5);
(405987.5, 3759762.5, 190.0, 1.5);	(405987.5, 3759712.5, 179.8, 1.5);
(405987.5, 3759662.5, 165.8, 1.5);	(405987.5, 3759612.5, 161.8, 1.5);
(405987.5, 3759562.5, 160.3, 1.5);	(405987.5, 3759512.5, 162.0, 1.5);
(405987.5, 3759462.5, 161.3, 1.5);	(405987.5, 3759412.5, 153.1, 1.5);
(405987.5, 3759362.5, 143.5, 1.5);	(405987.5, 3759312.5, 134.9, 1.5);
(405987.5, 3759262.5, 126.7, 1.5);	(405987.5, 3759212.5, 116.1, 1.5);
(405987.5, 3759162.5, 115.0, 1.5);	(405987.5, 3759112.5, 113.4, 1.5);
(405987.5, 3759062.5, 110.9, 1.5);	(405987.5, 3759012.5, 109.0, 1.5);

Appendix B

NOx Annual Emissions Mitigated

(405987.5, 3758962.5, 108.4, 1.5);	(405987.5, 3758912.5, 106.3, 1.5);
(405987.5, 3758862.5, 104.3, 1.5);	(405987.5, 3758812.5, 102.0, 1.5);
(405987.5, 3758762.5, 100.3, 1.5);	(405987.5, 3758712.5, 98.4, 1.5);
(405987.5, 3758662.5, 96.4, 1.5);	(406037.5, 3760012.5, 220.7, 1.5);
(406037.5, 3759812.5, 181.5, 1.5);	(406037.5, 3759762.5, 179.4, 1.5);
(406037.5, 3759712.5, 178.3, 1.5);	(406037.5, 3759662.5, 166.4, 1.5);
(406037.5, 3759612.5, 162.4, 1.5);	(406037.5, 3759562.5, 159.6, 1.5);
(406037.5, 3759512.5, 152.9, 1.5);	(406037.5, 3759462.5, 142.7, 1.5);
(406037.5, 3759412.5, 141.3, 1.5);	(406037.5, 3759362.5, 135.4, 1.5);
(406037.5, 3759312.5, 133.1, 1.5);	(406037.5, 3759262.5, 122.8, 1.5);
(406037.5, 3759212.5, 119.2, 1.5);	(406037.5, 3759162.5, 116.9, 1.5);
(406037.5, 3759112.5, 115.0, 1.5);	(406037.5, 3759062.5, 112.9, 1.5);
(406037.5, 3759012.5, 111.7, 1.5);	(406037.5, 3758962.5, 110.3, 1.5);
(406037.5, 3758912.5, 108.0, 1.5);	(406037.5, 3758862.5, 105.0, 1.5);
(406037.5, 3758812.5, 103.8, 1.5);	(406037.5, 3758762.5, 101.9, 1.5);
(406037.5, 3758712.5, 99.5, 1.5);	(406037.5, 3758662.5, 97.9, 1.5);
(406087.5, 3760012.5, 200.6, 1.5);	(406087.5, 3759812.5, 152.7, 1.5);
(406087.5, 3759762.5, 150.3, 1.5);	(406087.5, 3759712.5, 151.5, 1.5);
(406087.5, 3759662.5, 147.4, 1.5);	(406087.5, 3759612.5, 149.3, 1.5);
(406087.5, 3759562.5, 143.9, 1.5);	(406087.5, 3759512.5, 142.0, 1.5);
(406087.5, 3759462.5, 139.0, 1.5);	(406087.5, 3759412.5, 130.1, 1.5);
(406087.5, 3759362.5, 128.3, 1.5);	(406087.5, 3759312.5, 127.5, 1.5);
(406087.5, 3759262.5, 122.2, 1.5);	(406087.5, 3759212.5, 120.3, 1.5);
(406087.5, 3759162.5, 119.0, 1.5);	(406087.5, 3759112.5, 116.9, 1.5);
(406087.5, 3759062.5, 115.0, 1.5);	(406087.5, 3759012.5, 113.8, 1.5);
(406087.5, 3758962.5, 111.4, 1.5);	(406087.5, 3758912.5, 109.3, 1.5);
(406087.5, 3758862.5, 107.4, 1.5);	(406087.5, 3758812.5, 105.0, 1.5);
(406087.5, 3758762.5, 103.0, 1.5);	(406087.5, 3758712.5, 101.0, 1.5);
(406087.5, 3758662.5, 99.0, 1.5);	(406137.5, 3760012.5, 175.9, 1.5);
(406137.5, 3759812.5, 147.9, 1.5);	(406137.5, 3759762.5, 147.9, 1.5);
(406137.5, 3759712.5, 147.5, 1.5);	(406137.5, 3759662.5, 145.6, 1.5);
(406137.5, 3759612.5, 143.0, 1.5);	(406137.5, 3759562.5, 140.5, 1.5);
(406137.5, 3759512.5, 133.1, 1.5);	(406137.5, 3759462.5, 130.0, 1.5);

*** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT ***
 *** ANALYSIS ANNUAL NOx emissions mitigated

*** 07/29/11
 *** 12:00:00
 *** PAGE 37

**MODELOPTs:
 CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406137.5, 3759412.5, 132.0, 1.5);	(406137.5, 3759362.5, 133.0, 1.5);
(406137.5, 3759312.5, 133.0, 1.5);	(406137.5, 3759262.5, 127.2, 1.5);
(406137.5, 3759212.5, 123.4, 1.5);	(406137.5, 3759162.5, 121.3, 1.5);
(406137.5, 3759112.5, 119.0, 1.5);	(406137.5, 3759062.5, 116.9, 1.5);
(406137.5, 3759012.5, 116.0, 1.5);	(406137.5, 3758962.5, 113.8, 1.5);
(406137.5, 3758912.5, 111.3, 1.5);	(406137.5, 3758862.5, 109.0, 1.5);
(406137.5, 3758812.5, 106.4, 1.5);	(406137.5, 3758762.5, 104.3, 1.5);
(406137.5, 3758712.5, 102.0, 1.5);	(406137.5, 3758662.5, 100.3, 1.5);
(406187.5, 3759412.5, 146.6, 1.5);	(406187.5, 3759362.5, 141.2, 1.5);
(406187.5, 3759312.5, 138.7, 1.5);	(406187.5, 3759262.5, 130.3, 1.5);
(406187.5, 3759212.5, 125.9, 1.5);	(406187.5, 3759162.5, 123.0, 1.5);
(406187.5, 3759112.5, 120.9, 1.5);	(406187.5, 3759062.5, 118.8, 1.5);
(406187.5, 3759012.5, 117.3, 1.5);	(406187.5, 3758962.5, 115.9, 1.5);
(406187.5, 3758912.5, 112.4, 1.5);	(406187.5, 3758862.5, 110.5, 1.5);
(406187.5, 3758812.5, 108.0, 1.5);	(406187.5, 3758762.5, 105.0, 1.5);
(406187.5, 3758712.5, 102.9, 1.5);	(406187.5, 3758662.5, 101.9, 1.5);
(406237.5, 3759412.5, 150.2, 1.5);	(406237.5, 3759362.5, 144.1, 1.5);
(406237.5, 3759312.5, 138.1, 1.5);	(406237.5, 3759262.5, 133.3, 1.5);
(406237.5, 3759212.5, 127.3, 1.5);	(406237.5, 3759162.5, 124.4, 1.5);
(406237.5, 3759112.5, 122.9, 1.5);	(406237.5, 3759062.5, 120.3, 1.5);
(406237.5, 3759012.5, 118.0, 1.5);	(406237.5, 3758962.5, 116.0, 1.5);
(406237.5, 3758912.5, 113.4, 1.5);	(406237.5, 3758862.5, 111.0, 1.5);
(406237.5, 3758812.5, 108.4, 1.5);	(406237.5, 3758762.5, 105.5, 1.5);
(406237.5, 3758712.5, 104.0, 1.5);	(406237.5, 3758662.5, 102.9, 1.5);
(406287.5, 3759412.5, 153.8, 1.5);	(406287.5, 3759362.5, 146.7, 1.5);
(406287.5, 3759312.5, 138.8, 1.5);	(406287.5, 3759262.5, 134.4, 1.5);
(406287.5, 3759212.5, 129.4, 1.5);	(406287.5, 3759162.5, 126.0, 1.5);
(406287.5, 3759112.5, 123.0, 1.5);	(406287.5, 3759062.5, 121.0, 1.5);
(406287.5, 3759012.5, 118.4, 1.5);	(406287.5, 3758962.5, 116.0, 1.5);
(406287.5, 3758912.5, 113.4, 1.5);	(406287.5, 3758862.5, 110.9, 1.5);
(406287.5, 3758812.5, 108.4, 1.5);	(406287.5, 3758762.5, 106.4, 1.5);
(406287.5, 3758712.5, 105.0, 1.5);	(406287.5, 3758662.5, 104.0, 1.5);
(406337.5, 3759412.5, 153.6, 1.5);	(406337.5, 3759362.5, 149.5, 1.5);

Appendix B

(406337.5, 3759312.5,	140.9,	1.5);	(406337.5, 3759262.5,	135.5,	1.5);
(406337.5, 3759212.5,	130.5,	1.5);	(406337.5, 3759162.5,	127.3,	1.5);
(406337.5, 3759112.5,	123.4,	1.5);	(406337.5, 3759062.5,	121.0,	1.5);
(406337.5, 3759012.5,	118.4,	1.5);	(406337.5, 3758962.5,	115.5,	1.5);
(406337.5, 3758912.5,	113.0,	1.5);	(406337.5, 3758862.5,	110.6,	1.5);
(406337.5, 3758812.5,	109.0,	1.5);	(406337.5, 3758762.5,	107.0,	1.5);
(406337.5, 3758712.5,	106.0,	1.5);	(406337.5, 3758662.5,	105.8,	1.5);
(406387.5, 3759362.5,	141.9,	1.5);	(406387.5, 3759312.5,	138.7,	1.5);
(406387.5, 3759262.5,	134.3,	1.5);	(406387.5, 3759212.5,	131.4,	1.5);
(406387.5, 3759162.5,	127.4,	1.5);	(406387.5, 3759112.5,	124.4,	1.5);
(406387.5, 3759062.5,	122.0,	1.5);	(406387.5, 3759012.5,	119.0,	1.5);
(406387.5, 3758962.5,	116.3,	1.5);	(406387.5, 3758912.5,	113.4,	1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions mitigated *** 12:00:00
 MODELOPTs: * PAGE 38
 CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406387.5, 3758862.5,	109.5,	1.5);	(406387.5, 3758812.5,	108.0,	1.5);
(406387.5, 3758762.5,	108.0,	1.5);	(406387.5, 3758712.5,	108.0,	1.5);
(406387.5, 3758662.5,	107.7,	1.5);	(406437.5, 3759312.5,	137.4,	1.5);
(406437.5, 3759262.5,	135.1,	1.5);	(406437.5, 3759212.5,	131.9,	1.5);
(406437.5, 3759162.5,	127.4,	1.5);	(406437.5, 3759112.5,	124.4,	1.5);
(406437.5, 3759062.5,	121.4,	1.5);	(406437.5, 3759012.5,	119.5,	1.5);
(406437.5, 3758962.5,	117.0,	1.5);	(406437.5, 3758912.5,	114.2,	1.5);
(406437.5, 3758862.5,	109.3,	1.5);	(406437.5, 3758812.5,	109.0,	1.5);
(406437.5, 3758762.5,	109.0,	1.5);	(406437.5, 3758712.5,	109.4,	1.5);
(406437.5, 3758662.5,	109.0,	1.5);	(406487.5, 3759312.5,	138.3,	1.5);
(406487.5, 3759262.5,	135.5,	1.5);	(406487.5, 3759212.5,	131.4,	1.5);
(406487.5, 3759162.5,	127.1,	1.5);	(406487.5, 3759112.5,	124.4,	1.5);
(406487.5, 3759062.5,	121.9,	1.5);	(406487.5, 3759012.5,	119.8,	1.5);
(406487.5, 3758962.5,	117.4,	1.5);	(406487.5, 3758912.5,	115.5,	1.5);
(406487.5, 3758862.5,	111.9,	1.5);	(406487.5, 3758812.5,	111.3,	1.5);
(406487.5, 3758762.5,	112.0,	1.5);	(406487.5, 3758712.5,	112.0,	1.5);
(406487.5, 3758662.5,	111.0,	1.5);	(406537.5, 3759262.5,	136.4,	1.5);
(406537.5, 3759212.5,	132.4,	1.5);	(406537.5, 3759162.5,	128.4,	1.5);
(406537.5, 3759112.5,	125.9,	1.5);	(406537.5, 3759062.5,	123.0,	1.5);
(406537.5, 3759012.5,	120.9,	1.5);	(406537.5, 3758962.5,	117.0,	1.5);
(406537.5, 3758912.5,	115.0,	1.5);	(406537.5, 3758862.5,	115.4,	1.5);
(406537.5, 3758812.5,	115.9,	1.5);	(406537.5, 3758762.5,	115.0,	1.5);
(406537.5, 3758712.5,	114.0,	1.5);	(406537.5, 3758662.5,	112.9,	1.5);
(406587.5, 3759212.5,	134.8,	1.5);	(406587.5, 3759162.5,	131.2,	1.5);
(406587.5, 3759112.5,	127.3,	1.5);	(406587.5, 3759062.5,	124.4,	1.5);
(406587.5, 3759012.5,	121.4,	1.5);	(406587.5, 3758962.5,	118.8,	1.5);
(406587.5, 3758912.5,	118.8,	1.5);	(406587.5, 3758862.5,	119.3,	1.5);
(406587.5, 3758812.5,	118.0,	1.5);	(406587.5, 3758762.5,	116.9,	1.5);
(406587.5, 3758712.5,	115.9,	1.5);	(406587.5, 3758662.5,	114.3,	1.5);
(406587.5, 3758612.5,	112.0,	1.5);	(406637.5, 3759212.5,	137.3,	1.5);
(406637.5, 3759162.5,	133.4,	1.5);	(406637.5, 3759112.5,	129.4,	1.5);
(406637.5, 3759062.5,	126.4,	1.5);	(406637.5, 3759012.5,	121.9,	1.5);
(406637.5, 3758962.5,	122.9,	1.5);	(406637.5, 3758912.5,	122.7,	1.5);
(406637.5, 3758862.5,	121.9,	1.5);	(406637.5, 3758812.5,	120.0,	1.5);
(406637.5, 3758762.5,	118.0,	1.5);	(406637.5, 3758712.5,	116.9,	1.5);
(406637.5, 3758662.5,	113.6,	1.5);	(406687.5, 3759162.5,	133.6,	1.5);
(406687.5, 3759112.5,	128.0,	1.5);	(406687.5, 3759062.5,	128.7,	1.5);
(406687.5, 3759012.5,	127.3,	1.5);	(406687.5, 3758962.5,	126.7,	1.5);
(406687.5, 3758912.5,	125.5,	1.5);	(406687.5, 3758862.5,	123.0,	1.5);
(406687.5, 3758762.5,	118.0,	1.5);	(406737.5, 3759112.5,	133.7,	1.5);
(406737.5, 3759062.5,	136.5,	1.5);	(406737.5, 3759012.5,	132.2,	1.5);
(406737.5, 3758962.5,	129.4,	1.5);	(406737.5, 3758912.5,	125.5,	1.5);
(406737.5, 3758662.5,	117.7,	1.5);	(406737.5, 3758612.5,	116.0,	1.5);
(406787.5, 3759012.5,	134.8,	1.5);	(406787.5, 3758962.5,	129.4,	1.5);
(406787.5, 3758712.5,	120.6,	1.5);	(406787.5, 3758662.5,	119.3,	1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions mitigated *** 12:00:00
 MODELOPTs: * PAGE 39
 CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

Appendix B

NOx Annual Emissions Mitigated

(406787.5, 3758612.5,	115.8,	1.5);	(406837.5, 3758712.5,	123.0,	1.5);
(406837.5, 3758662.5,	120.5,	1.5);	(406837.5, 3758612.5,	116.6,	1.5);
(406887.5, 3758762.5,	125.3,	1.5);	(406887.5, 3758712.5,	122.4,	1.5);
(406887.5, 3758662.5,	119.5,	1.5);	(406887.5, 3758612.5,	112.6,	1.5);
(406937.5, 3758762.5,	125.5,	1.5);	(406937.5, 3758712.5,	121.4,	1.5);
(406937.5, 3758662.5,	117.6,	1.5);	(406937.5, 3758612.5,	115.4,	1.5);
(406987.5, 3758712.5,	121.9,	1.5);	(406987.5, 3758662.5,	116.4,	1.5);
(406987.5, 3758612.5,	116.4,	1.5);	(407037.5, 3758712.5,	121.4,	1.5);
(407037.5, 3758662.5,	115.1,	1.5);	(407037.5, 3758612.5,	119.3,	1.5);
(407087.5, 3758662.5,	116.7,	1.5);	(407087.5, 3758612.5,	122.9,	1.5);
(407137.5, 3758662.5,	123.3,	1.5);	(407137.5, 3758612.5,	125.8,	1.5);
(407187.5, 3758662.5,	129.8,	1.5);	(407187.5, 3758612.5,	130.3,	1.5);
(407237.5, 3758662.5,	134.8,	1.5);	(407237.5, 3758612.5,	134.5,	1.5);
(407287.5, 3758662.5,	139.8,	1.5);	(407287.5, 3758612.5,	139.8,	1.5);
(407337.5, 3758662.5,	144.7,	1.5);	(407337.5, 3758612.5,	143.7,	1.5);
(407387.5, 3758662.5,	149.7,	1.5);	(407387.5, 3758612.5,	149.5,	1.5);
(407437.5, 3758662.5,	153.7,	1.5);	(407437.5, 3758612.5,	154.4,	1.5);
(407487.5, 3758662.5,	152.4,	1.5);	(407487.5, 3758612.5,	149.5,	1.5);
(407537.5, 3758662.5,	0.0,	1.5);	(407537.5, 3758612.5,	0.0,	1.5);
(407587.5, 3758662.5,	0.0,	1.5);	(407587.5, 3758612.5,	0.0,	1.5);
(407637.5, 3758612.5,	0.0,	1.5);	(407687.5, 3758612.5,	0.0,	1.5);
(407737.5, 3758612.5,	0.0,	1.5);	(407787.5, 3758612.5,	0.0,	1.5);
(407837.5, 3758612.5,	0.0,	1.5);	(407887.5, 3758612.5,	0.0,	1.5);
(407937.5, 3758612.5,	0.0,	1.5);	(407987.5, 3758612.5,	0.0,	1.5);
(408037.5, 3758612.5,	0.0,	1.5);	(408087.5, 3758612.5,	0.0,	1.5);
(405987.5, 3758612.5,	95.0,	1.5);	(406037.5, 3758612.5,	96.3,	1.5);
(406087.5, 3758612.5,	97.4,	1.5);	(406137.5, 3758612.5,	98.4,	1.5);
(406187.5, 3758612.5,	100.3,	1.5);	(406237.5, 3758612.5,	102.0,	1.5);
(406287.5, 3758612.5,	103.8,	1.5);	(406337.5, 3758612.5,	105.0,	1.5);
(406387.5, 3758612.5,	106.9,	1.5);	(406437.5, 3758612.5,	108.8,	1.5);
(406487.5, 3758612.5,	110.0,	1.5);	(406512.5, 3758562.5,	109.1,	1.5);
(406537.5, 3758612.5,	111.3,	1.5);	(406562.5, 3758562.5,	110.0,	1.5);
(406612.5, 3758562.5,	110.8,	1.5);	(406662.5, 3758562.5,	110.0,	1.5);
(406712.5, 3758562.5,	112.0,	1.5);	(406762.5, 3758562.5,	112.0,	1.5);
(406812.5, 3758562.5,	110.7,	1.5);	(406862.5, 3758562.5,	109.8,	1.5);
(406912.5, 3758562.5,	116.1,	1.5);	(406962.5, 3758562.5,	118.1,	1.5);
(407012.5, 3758562.5,	120.6,	1.5);	(407062.5, 3758562.5,	122.6,	1.5);
(407112.5, 3758562.5,	126.1,	1.5);	(407162.5, 3758562.5,	127.1,	1.5);
(407212.5, 3758562.5,	139.0,	1.5);	(407262.5, 3758562.5,	139.8,	1.5);
(407312.5, 3758562.5,	142.0,	1.5);	(407362.5, 3758562.5,	146.2,	1.5);
(407412.5, 3758562.5,	152.1,	1.5);	(407462.5, 3758562.5,	157.2,	1.5);
(407512.5, 3758562.5,	147.3,	1.5);	(407562.5, 3758562.5,	0.0,	1.5);
(407612.5, 3758562.5,	0.0,	1.5);	(407662.5, 3758562.5,	0.0,	1.5);
(407712.5, 3758562.5,	0.0,	1.5);	(407762.5, 3758562.5,	0.0,	1.5);
(407812.5, 3758562.5,	0.0,	1.5);	(407862.5, 3758562.5,	0.0,	1.5);
* *** ISCST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11					
MODELOPTs: * ANALYSIS ANNUAL NOx emissions mitigated *** 12:00:00					
CONC	URBAN ELEV	FLGPL	NOCALM	PAGE 40	
*** DISCRETE CARTESIAN RECEPTORS ***					
(X-COORD, Y-COORD, ZELEV, ZFLAG)					
(METERS)					
(407912.5, 3758562.5,	0.0,	1.5);	(407962.5, 3758562.5,	0.0,	1.5);
(408012.5, 3758562.5,	0.0,	1.5);	(408062.5, 3758562.5,	0.0,	1.5);
(408112.5, 3758562.5,	0.0,	1.5);	(405987.5, 3759987.5,	228.1,	1.5);
(405987.5, 3759937.5,	218.6,	1.5);	(405987.5, 3759887.5,	212.3,	1.5);
(405987.5, 3759837.5,	197.9,	1.5);	(405987.5, 3759787.5,	191.2,	1.5);
(405987.5, 3759737.5,	190.5,	1.5);	(405987.5, 3759687.5,	168.9,	1.5);
(405987.5, 3759637.5,	163.7,	1.5);	(405987.5, 3759587.5,	159.7,	1.5);
(405987.5, 3759537.5,	161.8,	1.5);	(405987.5, 3759487.5,	162.0,	1.5);
(405987.5, 3759437.5,	158.7,	1.5);	(405987.5, 3759387.5,	148.9,	1.5);
(405987.5, 3759337.5,	139.7,	1.5);	(405987.5, 3759287.5,	129.9,	1.5);
(405987.5, 3759237.5,	122.7,	1.5);	(405987.5, 3759187.5,	115.0,	1.5);
(405987.5, 3759137.5,	114.7,	1.5);	(405987.5, 3759087.5,	112.0,	1.5);
(405987.5, 3759037.5,	109.0,	1.5);	(405987.5, 3758987.5,	109.0,	1.5);
(405987.5, 3758937.5,	107.7,	1.5);	(405987.5, 3758887.5,	105.0,	1.5);
(405987.5, 3758837.5,	103.0,	1.5);	(405987.5, 3758787.5,	101.0,	1.5);
(405987.5, 3758737.5,	99.0,	1.5);	(405987.5, 3758687.5,	97.7,	1.5);
(406037.5, 3759987.5,	215.7,	1.5);	(406037.5, 3759837.5,	192.5,	1.5);
(406037.5, 3759787.5,	184.0,	1.5);	(406037.5, 3759737.5,	179.8,	1.5);
(406037.5, 3759687.5,	170.7,	1.5);	(406037.5, 3759637.5,	164.2,	1.5);
(406037.5, 3759587.5,	160.2,	1.5);	(406037.5, 3759537.5,	157.6,	1.5);

Appendix B

NOx Annual Emissions Mitigated

Table with columns for coordinates and emission values. Includes a row with '*** ISCST3 - VERSION 02035 ***' and '*** WHITTIER MATRIX OIL PROJECT *** ANALYSIS ANNUAL NOx emissions mitigated'. Ends with date '07/29/11' and time '12:00:00'.

**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

Table with columns for coordinates and emission values, representing discrete Cartesian receptors. The table contains multiple rows of coordinate pairs and their corresponding emission values.

Appendix B

NOx Annual Emissions Mitigated

```
( 406387.5, 3759287.5, 136.9, 1.5); ( 406387.5, 3759237.5, 133.0, 1.5);
( 406387.5, 3759187.5, 129.7, 1.5); ( 406387.5, 3759137.5, 125.9, 1.5);
( 406387.5, 3759087.5, 123.0, 1.5); ( 406387.5, 3759037.5, 120.0, 1.5);
( 406387.5, 3758987.5, 117.7, 1.5); ( 406387.5, 3758937.5, 114.9, 1.5);
. *** ISCSST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT ***
*** ANALYSIS ANNUAL NOx emissions mitigated ***
**MODELOPTs:
CONC URBAN ELEV FLGPOL NOCALM
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)
( 406387.5, 3758887.5, 110.9, 1.5); ( 406387.5, 3758837.5, 109.0, 1.5);
( 406387.5, 3758787.5, 108.0, 1.5); ( 406387.5, 3758737.5, 108.0, 1.5);
( 406387.5, 3758687.5, 108.0, 1.5); ( 406437.5, 3759337.5, 138.9, 1.5);
( 406437.5, 3759287.5, 136.0, 1.5); ( 406437.5, 3759237.5, 134.0, 1.5);
( 406437.5, 3759187.5, 129.9, 1.5); ( 406437.5, 3759137.5, 125.9, 1.5);
( 406437.5, 3759087.5, 123.0, 1.5); ( 406437.5, 3759037.5, 120.0, 1.5);
( 406437.5, 3758987.5, 118.0, 1.5); ( 406437.5, 3758937.5, 115.9, 1.5);
( 406437.5, 3758887.5, 111.7, 1.5); ( 406437.5, 3758837.5, 109.0, 1.5);
( 406437.5, 3758787.5, 109.0, 1.5); ( 406437.5, 3758737.5, 109.0, 1.5);
( 406437.5, 3758687.5, 110.0, 1.5); ( 406487.5, 3759287.5, 136.9, 1.5);
( 406487.5, 3759237.5, 133.9, 1.5); ( 406487.5, 3759187.5, 129.0, 1.5);
( 406487.5, 3759137.5, 126.0, 1.5); ( 406487.5, 3759087.5, 123.0, 1.5);
( 406487.5, 3759037.5, 120.7, 1.5); ( 406487.5, 3758987.5, 118.9, 1.5);
( 406487.5, 3758937.5, 116.7, 1.5); ( 406487.5, 3758887.5, 113.0, 1.5);
( 406487.5, 3758837.5, 111.7, 1.5); ( 406487.5, 3758787.5, 111.8, 1.5);
( 406487.5, 3758737.5, 112.0, 1.5); ( 406487.5, 3758687.5, 111.7, 1.5);
( 406537.5, 3759237.5, 134.0, 1.5); ( 406537.5, 3759187.5, 130.0, 1.5);
( 406537.5, 3759137.5, 126.9, 1.5); ( 406537.5, 3759087.5, 124.7, 1.5);
( 406537.5, 3759037.5, 122.0, 1.5); ( 406537.5, 3758987.5, 118.9, 1.5);
( 406537.5, 3758937.5, 115.9, 1.5); ( 406537.5, 3758887.5, 115.0, 1.5);
( 406537.5, 3758837.5, 116.0, 1.5); ( 406537.5, 3758787.5, 115.8, 1.5);
( 406537.5, 3758737.5, 114.7, 1.5); ( 406537.5, 3758687.5, 113.7, 1.5);
( 406587.5, 3759237.5, 136.7, 1.5); ( 406587.5, 3759187.5, 133.0, 1.5);
( 406587.5, 3759137.5, 129.0, 1.5); ( 406587.5, 3759087.5, 126.0, 1.5);
( 406587.5, 3759037.5, 123.0, 1.5); ( 406587.5, 3758987.5, 120.0, 1.5);
( 406587.5, 3758937.5, 118.8, 1.5); ( 406587.5, 3758887.5, 118.8, 1.5);
( 406587.5, 3758837.5, 118.8, 1.5); ( 406587.5, 3758787.5, 117.7, 1.5);
( 406587.5, 3758737.5, 116.0, 1.5); ( 406587.5, 3758687.5, 115.0, 1.5);
( 406587.5, 3758637.5, 113.0, 1.5); ( 406637.5, 3759187.5, 135.0, 1.5);
( 406637.5, 3759137.5, 130.9, 1.5); ( 406637.5, 3759087.5, 128.0, 1.5);
( 406637.5, 3759037.5, 123.0, 1.5); ( 406637.5, 3758987.5, 122.0, 1.5);
( 406637.5, 3758937.5, 122.7, 1.5); ( 406637.5, 3758887.5, 122.7, 1.5);
( 406637.5, 3758837.5, 121.0, 1.5); ( 406637.5, 3758787.5, 119.0, 1.5);
( 406637.5, 3758737.5, 117.0, 1.5); ( 406637.5, 3758687.5, 115.9, 1.5);
( 406687.5, 3759137.5, 130.9, 1.5); ( 406687.5, 3759087.5, 128.0, 1.5);
( 406687.5, 3759037.5, 127.0, 1.5); ( 406687.5, 3758987.5, 126.9, 1.5);
( 406687.5, 3758937.5, 126.7, 1.5); ( 406687.5, 3758887.5, 123.9, 1.5);
( 406687.5, 3758837.5, 122.0, 1.5); ( 406687.5, 3758737.5, 117.0, 1.5);
( 406737.5, 3759137.5, 133.7, 1.5); ( 406737.5, 3759037.5, 133.7, 1.5);
( 406737.5, 3758987.5, 130.9, 1.5); ( 406737.5, 3758937.5, 127.2, 1.5);
( 406737.5, 3758637.5, 117.0, 1.5); ( 406787.5, 3759037.5, 138.7, 1.5);
( 406787.5, 3758987.5, 131.9, 1.5); ( 406787.5, 3758937.5, 127.0, 1.5);
( 406787.5, 3758687.5, 120.0, 1.5); ( 406787.5, 3758637.5, 116.0, 1.5);
( 406837.5, 3758737.5, 123.9, 1.5); ( 406837.5, 3758687.5, 122.0, 1.5);
( 406837.5, 3758637.5, 118.0, 1.5); ( 406887.5, 3758787.5, 126.7, 1.5);
. *** ISCSST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT ***
*** ANALYSIS ANNUAL NOx emissions mitigated ***
**MODELOPTs:
CONC URBAN ELEV FLGPOL NOCALM
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)
( 406887.5, 3758737.5, 123.9, 1.5); ( 406887.5, 3758687.5, 120.9, 1.5);
( 406887.5, 3758637.5, 117.0, 1.5); ( 406937.5, 3758737.5, 123.0, 1.5);
( 406937.5, 3758687.5, 119.9, 1.5); ( 406937.5, 3758637.5, 115.9, 1.5);
( 406987.5, 3758737.5, 123.0, 1.5); ( 406987.5, 3758687.5, 119.9, 1.5);
( 406987.5, 3758637.5, 115.0, 1.5); ( 407037.5, 3758687.5, 118.1, 1.5);
( 407037.5, 3758637.5, 116.0, 1.5); ( 407087.5, 3758637.5, 122.0, 1.5);
( 407137.5, 3758637.5, 124.8, 1.5); ( 407187.5, 3758637.5, 128.7, 1.5);
. *** ISCSST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT ***
*** ANALYSIS ANNUAL NOx emissions mitigated ***
**MODELOPTs:
CONC URBAN ELEV FLGPOL NOCALM
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)
( 406887.5, 3758737.5, 123.9, 1.5); ( 406887.5, 3758687.5, 120.9, 1.5);
( 406887.5, 3758637.5, 117.0, 1.5); ( 406937.5, 3758737.5, 123.0, 1.5);
( 406937.5, 3758687.5, 119.9, 1.5); ( 406937.5, 3758637.5, 115.9, 1.5);
( 406987.5, 3758737.5, 123.0, 1.5); ( 406987.5, 3758687.5, 119.9, 1.5);
( 406987.5, 3758637.5, 115.0, 1.5); ( 407037.5, 3758687.5, 118.1, 1.5);
( 407037.5, 3758637.5, 116.0, 1.5); ( 407087.5, 3758637.5, 122.0, 1.5);
( 407137.5, 3758637.5, 124.8, 1.5); ( 407187.5, 3758637.5, 128.7, 1.5);
```

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12:00:00
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*** 07/29/11
12:00:00
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Appendix B

NOx Annual Emissions Mitigated

(407237.5, 3758637.5, 133.7, 1.5);	(407287.5, 3758637.5, 139.8, 1.5);
(407337.5, 3758637.5, 144.7, 1.5);	(407387.5, 3758637.5, 149.5, 1.5);
(407437.5, 3758637.5, 154.0, 1.5);	(407487.5, 3758637.5, 149.4, 1.5);
(407537.5, 3758637.5, 0.0, 1.5);	(407587.5, 3758637.5, 0.0, 1.5);
(407637.5, 3758637.5, 0.0, 1.5);	(407687.5, 3758637.5, 0.0, 1.5);
(407737.5, 3758637.5, 0.0, 1.5);	(407787.5, 3758637.5, 0.0, 1.5);
(407837.5, 3758637.5, 0.0, 1.5);	(407887.5, 3758637.5, 0.0, 1.5);
(407937.5, 3758637.5, 0.0, 1.5);	(407987.5, 3758637.5, 0.0, 1.5);
(408037.5, 3758637.5, 0.0, 1.5);	(408087.5, 3758637.5, 0.0, 1.5);
(405987.5, 3758637.5, 96.0, 1.5);	(405987.5, 3758587.5, 94.7, 1.5);
(406037.5, 3758637.5, 97.0, 1.5);	(406037.5, 3758587.5, 95.7, 1.5);
(406087.5, 3758637.5, 98.0, 1.5);	(406087.5, 3758587.5, 97.0, 1.5);
(406137.5, 3758637.5, 99.0, 1.5);	(406137.5, 3758587.5, 98.0, 1.5);
(406187.5, 3758637.5, 101.0, 1.5);	(406187.5, 3758587.5, 99.8, 1.5);
(406237.5, 3758637.5, 102.0, 1.5);	(406237.5, 3758587.5, 101.7, 1.5);
(406287.5, 3758637.5, 103.8, 1.5);	(406287.5, 3758587.5, 103.8, 1.5);
(406337.5, 3758637.5, 105.0, 1.5);	(406337.5, 3758587.5, 105.0, 1.5);
(406387.5, 3758637.5, 107.0, 1.5);	(406387.5, 3758587.5, 106.0, 1.5);
(406437.5, 3758637.5, 109.0, 1.5);	(406437.5, 3758587.5, 108.0, 1.5);
(406487.5, 3758637.5, 110.7, 1.5);	(406487.5, 3758587.5, 109.0, 1.5);
(406537.5, 3758637.5, 112.0, 1.5);	(406537.5, 3758587.5, 110.7, 1.5);
(406587.5, 3758587.5, 111.0, 1.5);	(406737.5, 3758587.5, 113.9, 1.5);
(406787.5, 3758587.5, 115.7, 1.5);	(406837.5, 3758587.5, 113.1, 1.5);
(406887.5, 3758587.5, 108.0, 1.5);	(406937.5, 3758587.5, 116.0, 1.5);
(406987.5, 3758587.5, 118.0, 1.5);	(407037.5, 3758587.5, 121.8, 1.5);
(407087.5, 3758587.5, 123.0, 1.5);	(407137.5, 3758587.5, 126.0, 1.5);
(407187.5, 3758587.5, 132.6, 1.5);	(407237.5, 3758587.5, 137.7, 1.5);
(407287.5, 3758587.5, 139.0, 1.5);	(407337.5, 3758587.5, 143.8, 1.5);
(407387.5, 3758587.5, 150.3, 1.5);	(407437.5, 3758587.5, 154.7, 1.5);
(407487.5, 3758587.5, 151.4, 1.5);	(407537.5, 3758587.5, 0.0, 1.5);
(407587.5, 3758587.5, 0.0, 1.5);	(407637.5, 3758587.5, 0.0, 1.5);
(407687.5, 3758587.5, 0.0, 1.5);	(407737.5, 3758587.5, 0.0, 1.5);
(407787.5, 3758587.5, 0.0, 1.5);	(407837.5, 3758587.5, 0.0, 1.5);
(407887.5, 3758587.5, 0.0, 1.5);	(407937.5, 3758587.5, 0.0, 1.5);
(407987.5, 3758587.5, 0.0, 1.5);	(408037.5, 3758587.5, 0.0, 1.5);
(408087.5, 3758587.5, 0.0, 1.5);	(408749.8, 3760427.5, 0.0, 0.0);
(408576.4, 3760430.5, 0.0, 0.0);	(408341.8, 3760655.3, 0.0, 0.0);
(408422.1, 3760726.5, 0.0, 0.0);	(408512.5, 3760597.3, 0.0, 0.0);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

*** ANALYSIS ANNUAL NOx emissions mitigated

07/29/11

12:00:00

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**MODELOPTs:

CONC URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZFLAG)

(METERS)

(408737.2, 3760284.3, 0.0, 0.0);	(407589.2, 3757492.8, 0.0, 0.0);
(406297.8, 3757662.0, 87.0, 0.0);	(406584.2, 3757389.8, 79.0, 0.0);
(407118.8, 3757983.5, 114.2, 0.0);	(406874.3, 3758349.8, 116.0, 0.0);
(406620.2, 3758321.0, 107.0, 0.0);	(406622.5, 3757771.8, 94.1, 0.0);
(406913.0, 3757488.0, 86.7, 0.0);	(406700.6, 3757538.3, 87.1, 0.0);
(407066.2, 3757290.8, 86.2, 0.0);	(407127.3, 3757406.5, 92.0, 0.0);
(408971.5, 3759219.3, 0.0, 0.0);	(408922.5, 3758958.8, 0.0, 0.0);
(408826.5, 3758876.0, 0.0, 0.0);	(409072.4, 3758868.3, 0.0, 0.0);
(408995.0, 3758728.5, 0.0, 0.0);	(408227.3, 3758224.5, 0.0, 0.0);
(408139.7, 3758492.5, 0.0, 0.0);	(408582.0, 3758154.3, 0.0, 0.0);
(408461.6, 3758025.8, 0.0, 0.0);	(407729.4, 3758130.8, 0.0, 0.0);
(407645.4, 3757976.3, 0.0, 0.0);	(407482.9, 3757723.5, 130.9, 0.0);
(405320.4, 3759820.0, 121.0, 0.0);	(405904.1, 3759261.5, 124.5, 0.0);
(405691.5, 3759433.3, 136.0, 0.0);	(405617.4, 3759631.3, 165.1, 0.0);
(405524.7, 3759523.8, 131.7, 0.0);	(405402.4, 3759491.8, 129.0, 0.0);
(405646.0, 3759323.0, 120.1, 0.0);	(405616.3, 3759173.5, 105.0, 0.0);
(405512.6, 3759095.0, 98.0, 0.0);	(405377.5, 3759043.0, 95.0, 0.0);
(405466.3, 3758975.8, 94.0, 0.0);	(405527.8, 3758925.3, 94.0, 0.0);
(406550.6, 3758915.0, 116.0, 0.0);	(406480.5, 3759093.0, 123.0, 0.0);
(406259.7, 3759222.5, 129.4, 0.0);	(406195.8, 3759106.8, 120.9, 0.0);
(406070.3, 3759025.3, 113.0, 0.0);	(405757.6, 3758923.0, 101.4, 0.0);
(405844.4, 3758855.3, 100.8, 0.0);	(406318.1, 3758856.0, 110.8, 0.0);
(406403.5, 3759010.5, 119.1, 0.0);	(406352.0, 3759038.5, 120.0, 0.0);
(406045.0, 3760461.3, 192.0, 0.0);	(407358.3, 3758534.5, 147.9, 0.0);
(407261.7, 3758458.8, 145.1, 0.0);	(406506.8, 3758549.3, 109.0, 0.0);
(406457.9, 3758378.0, 105.0, 0.0);	(406301.7, 3758551.3, 104.0, 0.0);
(406205.0, 3758613.5, 101.0, 0.0);	(406115.4, 3758675.3, 100.0, 0.0);
(406028.6, 3758737.0, 100.0, 0.0);	(405938.3, 3758799.0, 100.9, 0.0);

Appendix B

CONC

URBAN ELEV FLGPOL

NOx Annual Emissions Mitigated
NOCALM

*** THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

FILE: c:\ISC\whittier.asc
 FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)
 SURFACE STATION NO.: 53114 UPPER AIR STATION NO.: 91919
 NAME: LOSANGELES NAME: LOSANGELES
 YEAR: 1981 YEAR: 1981

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING HEIGHT (M)	USTAR (M/S)	M-O LENGTH (M)	Z-O (M)	IPCODE	PRATE (mm/HR)
81	01	01	01	179.8	1.00	282.6	7	387.2	152.0	0.0000	0.0	0.0000	0 0.00
81	01	01	02	169.9	0.00	282.6	7	397.3	152.0	0.0000	0.0	0.0000	0 0.00
81	01	01	03	85.0	1.00	283.1	7	407.3	152.0	0.0000	0.0	0.0000	0 0.00
81	01	01	04	256.0	1.00	283.7	7	417.4	152.0	0.0000	0.0	0.0000	0 0.00
81	01	01	05	174.0	1.00	281.5	7	427.5	152.0	0.0000	0.0	0.0000	0 0.00
81	01	01	06	117.0	1.00	281.5	7	437.5	152.0	0.0000	0.0	0.0000	0 0.00
81	01	01	07	184.5	1.00	280.4	7	447.6	152.0	0.0000	0.0	0.0000	0 0.00
81	01	01	08	134.6	1.00	282.0	6	71.6	202.6	0.0000	0.0	0.0000	0 0.00
81	01	01	09	96.5	1.00	286.5	5	146.0	255.1	0.0000	0.0	0.0000	0 0.00
81	01	01	10	324.1	1.00	290.4	4	220.4	307.7	0.0000	0.0	0.0000	0 0.00
81	01	01	11	314.1	1.34	294.3	3	294.8	360.3	0.0000	0.0	0.0000	0 0.00
81	01	01	12	305.6	1.79	295.4	3	369.2	412.9	0.0000	0.0	0.0000	0 0.00
81	01	01	13	289.7	1.79	297.6	3	443.6	465.4	0.0000	0.0	0.0000	0 0.00
81	01	01	14	259.2	1.34	295.9	2	518.0	518.0	0.0000	0.0	0.0000	0 0.00
81	01	01	15	359.8	1.34	294.8	2	518.0	518.0	0.0000	0.0	0.0000	0 0.00
81	01	01	16	8.2	1.79	293.1	3	518.0	518.0	0.0000	0.0	0.0000	0 0.00
81	01	01	17	357.6	1.34	290.4	4	518.0	518.0	0.0000	0.0	0.0000	0 0.00
81	01	01	18	52.6	1.00	288.1	5	518.0	468.1	0.0000	0.0	0.0000	0 0.00
81	01	01	19	358.0	1.00	287.6	6	518.0	425.6	0.0000	0.0	0.0000	0 0.00
81	01	01	20	33.2	1.00	287.0	7	518.0	383.1	0.0000	0.0	0.0000	0 0.00
81	01	01	21	178.6	1.00	285.9	7	518.0	340.6	0.0000	0.0	0.0000	0 0.00
81	01	01	22	137.0	1.00	285.9	7	518.0	298.0	0.0000	0.0	0.0000	0 0.00
81	01	01	23	90.7	1.00	285.4	7	518.0	255.5	0.0000	0.0	0.0000	0 0.00
81	01	01	24	134.7	1.00	284.8	7	518.0	213.0	0.0000	0.0	0.0000	0 0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
 FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.
 • *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL NOx emissions mitigated

*** 07/29/11
 *** 12:00:00
 *** PAGE 47

**MODELOPTs:

CONC

URBAN ELEV FLGPOL

NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
409779.53	3759787.50	0.05770	409779.34	3759762.50	0.05915
409779.19	3759737.50	0.06053	409779.03	3759712.50	0.06181
409778.88	3759687.50	0.06300	409778.72	3759662.50	0.06410
409778.53	3759637.50	0.06510	409778.38	3759612.50	0.06601
409778.22	3759587.50	0.06684	409778.06	3759562.50	0.06757
409777.88	3759537.50	0.06822	409777.72	3759512.50	0.06879
409777.56	3759487.50	0.06929	409777.41	3759462.50	0.06970
409777.25	3759437.50	0.07003	409777.06	3759412.50	0.07028
409776.91	3759387.50	0.07044	409776.75	3759362.50	0.07052
409776.56	3759337.50	0.07050	409776.41	3759312.50	0.07039
409776.25	3759287.50	0.07018	409776.09	3759262.50	0.06987
409775.94	3759237.50	0.06946	409775.66	3759212.50	0.06896
409775.38	3759187.50	0.06836	409775.13	3759162.50	0.06766
409774.84	3759137.50	0.06688	409774.59	3759112.50	0.06600
409774.31	3759087.50	0.06505	409774.03	3759062.50	0.06401
409773.78	3759037.50	0.06290	409765.25	3759020.25	0.06213
409740.25	3759020.50	0.06224	409715.25	3759021.00	0.06236
409690.25	3759021.25	0.06246	409665.25	3759021.50	0.06256

Appendix B

NOx Annual Emissions Mitigated

409640.25	3759021.75	0.06266	409615.25	3759022.25	0.06276
409590.25	3759022.50	0.06285	409565.25	3759022.75	0.06293
409540.25	3759023.25	0.06303	409515.28	3759024.25	0.06314
409490.28	3759025.25	0.06325	409465.31	3759026.50	0.06338
409440.34	3759027.00	0.06345	409415.34	3759027.75	0.06354
409390.34	3759027.75	0.06357	409365.34	3759028.50	0.06365
409340.34	3759029.00	0.06370	409315.38	3759029.50	0.06375
409290.38	3759030.00	0.06380	409265.38	3759030.50	0.06384
409240.38	3759031.00	0.06387	409215.38	3759031.50	0.06390
409190.38	3759032.00	0.06393	409165.41	3759032.50	0.06395
409140.41	3759033.00	0.06396	409115.41	3759033.50	0.06397
409090.41	3759034.00	0.06398	409065.41	3759034.50	0.06398
409040.41	3759035.00	0.06398	409015.44	3759035.50	0.06397
408990.44	3759036.25	0.06398	408965.44	3759036.75	0.06396
408940.44	3759037.25	0.06394	408915.44	3759037.75	0.06391
408890.47	3759038.25	0.06389	408865.47	3759038.75	0.06386
408840.47	3759039.25	0.06382	408815.47	3759039.75	0.06379
408790.47	3759040.25	0.06375	408765.47	3759040.75	0.06372
408740.50	3759041.25	0.06368	408715.50	3759041.75	0.06364
408690.50	3759042.25	0.06360	408665.50	3759042.75	0.06357
408640.50	3759043.25	0.06353	408615.50	3759044.00	0.06353
408590.53	3759044.50	0.06350	408581.91	3759028.75	0.06166

• *** ICST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL NOx emissions mitigated

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 *** PAGE 48

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
408581.59	3759004.00	0.05884	408581.28	3758979.00	0.05609
408580.97	3758954.00	0.05346	408580.66	3758929.00	0.05101
408580.31	3758904.00	0.04876	408580.00	3758879.00	0.04673
408579.69	3758854.00	0.04492	408579.38	3758829.00	0.04335
408579.06	3758804.00	0.04200	408578.75	3758779.00	0.04085
408578.44	3758754.00	0.03989	408578.13	3758729.00	0.03909
408567.84	3758707.50	0.03849	408550.69	3758689.50	0.03805
408533.56	3758671.25	0.03766	408513.78	3758658.50	0.03739
408488.78	3758658.75	0.03737	408463.78	3758659.25	0.03736
408438.78	3758659.75	0.03734	408413.78	3758660.25	0.03732
408388.78	3758660.50	0.03731	408363.78	3758661.00	0.03730
408338.81	3758661.50	0.03729	408313.81	3758662.00	0.03730
408288.81	3758662.50	0.03732	408263.81	3758662.75	0.03734
408238.81	3758663.25	0.03740	408213.81	3758663.75	0.03747
408188.81	3758664.25	0.03757	408163.81	3758664.50	0.03770
408138.84	3758665.00	0.03787	408113.84	3758665.50	0.03808
408088.84	3758666.00	0.03833	408063.84	3758666.25	0.03861
408038.84	3758666.75	0.03895	408013.84	3758667.25	0.03932
407988.84	3758667.75	0.03973	407963.84	3758668.25	0.04017
407938.84	3758668.50	0.04064	407913.88	3758669.00	0.04112
407888.88	3758669.50	0.04160	407863.88	3758670.00	0.04207
407838.88	3758670.25	0.04250	407813.88	3758670.75	0.04288
407788.88	3758671.25	0.04320	407763.88	3758671.75	0.04342
407738.88	3758672.25	0.04353	407713.91	3758672.50	0.04349
407688.91	3758673.00	0.04332	407663.91	3758673.50	0.04298
407638.91	3758674.00	0.04246	407613.91	3758674.25	0.04177
407588.91	3758674.75	0.04092	407563.91	3758675.25	0.03992
407538.91	3758675.75	0.03880	407513.94	3758676.25	0.41713
407488.91	3758676.75	0.54303	407463.97	3758678.00	0.54653
407439.00	3758679.25	0.54516	407414.03	3758680.75	0.52904
407389.06	3758682.00	0.45706	407364.09	3758683.25	0.48160
407339.13	3758684.75	0.51054	407314.16	3758686.00	0.55087
407289.19	3758687.25	0.60745	407264.22	3758688.75	0.65591
407239.28	3758690.00	0.70614	407214.31	3758691.25	0.73886
407189.34	3758692.75	0.69384	407164.38	3758694.00	0.61116
407139.41	3758695.25	0.52943	407114.44	3758696.50	0.50489
407089.50	3758698.00	0.52409	407065.69	3758703.50	0.54938
407045.13	3758717.75	0.55491	407024.56	3758731.75	0.54002
407004.03	3758746.00	0.52025	406983.47	3758760.25	0.51072
406962.94	3758774.50	0.50724	406942.38	3758788.75	0.50006

Appendix B

NOx Annual Emissions Mitigated

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL NOx emissions mitigated

*** 07/29/11
*** 12:00:00
*** PAGE 49

**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406921.81	3758803.00	0.50453	406901.25	3758817.25	0.50874
406883.91	3758804.50	0.46507	406866.50	3758786.50	0.45120
406849.06	3758768.50	0.44707	406828.84	3758753.75	0.42791
406808.59	3758739.00	0.41845	406788.38	3758724.50	0.39681
406768.13	3758709.75	0.38213	406747.91	3758695.00	0.37083
406730.00	3758678.50	0.36175	406717.97	3758656.75	0.34840
406705.94	3758634.75	0.33124	406693.88	3758612.75	0.30675
406681.84	3758591.00	0.28805	406667.50	3758575.50	0.27838
406646.56	3758589.25	0.29911	406625.63	3758603.00	0.32646
406625.50	3758621.50	0.34335	406639.09	3758642.50	0.35391
406652.69	3758663.50	0.37406	406666.25	3758684.50	0.39384
406679.84	3758705.50	0.42399	406693.44	3758726.50	0.44537
406707.03	3758747.50	0.46532	406720.81	3758768.00	0.48024
406700.25	3758782.00	0.53551	406681.69	3758797.25	0.57530
406695.59	3758818.00	0.59717	406709.50	3758839.00	0.63750
406723.44	3758859.75	0.67207	406737.34	3758880.50	0.70871
406756.84	3758895.50	0.73584	406778.28	3758908.50	0.77878
406799.72	3758921.25	0.84511	406821.16	3758934.25	0.87009
406830.97	3758956.25	0.94238	406839.75	3758979.75	1.01592
406848.53	3759003.25	1.20350	406844.09	3759021.75	1.41926
406823.38	3759035.75	1.75378	406802.63	3759049.75	1.80944
406781.88	3759063.75	1.78536	406761.16	3759077.75	1.72303
406740.41	3759091.50	1.39449	406747.50	3759112.50	1.43922
406760.22	3759134.00	1.53439	406747.75	3759150.00	1.33689
406732.22	3759166.50	1.23537	406714.66	3759177.00	1.27321
406693.59	3759190.50	1.37971	406672.50	3759204.00	1.48549
406651.41	3759217.25	1.62876	406630.34	3759230.75	1.73181
406609.25	3759244.25	1.80547	406588.16	3759257.75	1.84730
406567.09	3759271.00	1.82549	406546.00	3759284.50	1.82113
406524.91	3759298.00	1.79373	406503.81	3759311.50	1.72928
406482.75	3759324.75	1.67711	406461.66	3759338.25	1.62686
406440.59	3759351.75	1.56679	406419.50	3759365.25	1.51191
406398.41	3759378.50	1.48667	406377.03	3759392.25	1.46787
406375.66	3759417.25	1.42633	406374.28	3759442.25	1.38346
406372.91	3759467.25	1.30077	406351.53	3759469.50	1.56149
406326.53	3759468.75	1.51327	406301.56	3759468.00	1.47080
406276.56	3759467.25	1.40371	406251.56	3759466.50	1.34804
406226.59	3759465.75	1.28578	406201.59	3759465.00	1.22994
406176.59	3759464.25	0.94436	406171.34	3759484.50	0.84847
406171.63	3759509.50	0.76726	406171.91	3759534.50	0.72851

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL NOx emissions mitigated

*** 07/29/11
*** 12:00:00
*** PAGE 50

**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406172.19	3759559.50	0.70297	406172.47	3759584.50	0.68430
406172.75	3759609.50	0.66231	406173.03	3759634.50	0.80454
406173.28	3759659.50	0.76624	406173.56	3759684.50	0.72255
406173.84	3759709.50	0.68380	406174.13	3759734.50	0.63808
406174.41	3759759.50	0.62501	406174.69	3759784.50	0.61968
406174.97	3759809.50	0.60676	406175.22	3759834.50	0.59878
406175.50	3759859.50	0.61536	406152.34	3759859.50	0.57925
406127.34	3759859.00	0.44503	406102.34	3759858.25	0.43232

Appendix B

NOx Annual Emissions Mitigated

406077.38	3759857.50	0.46853	406052.38	3759856.75	0.43425
406041.31	3759871.00	0.42837	406041.56	3759896.00	0.42372
406041.84	3759921.00	0.41278	406042.09	3759946.00	0.40587
406042.38	3759971.00	0.39214	406067.34	3759972.50	0.40317
406092.34	3759973.50	0.42457	406117.31	3759974.25	0.44078
406142.31	3759975.00	0.48562	406167.31	3759975.75	0.58160
406187.16	3759980.75	0.60484	406187.44	3760005.75	0.60362
406187.69	3760030.75	0.59901	406187.97	3760055.75	0.58644
406188.25	3760080.75	0.53027	406188.50	3760105.75	0.49279
406188.78	3760130.75	0.49275	406189.06	3760155.75	0.48408
406189.31	3760180.75	0.46931	406189.59	3760205.75	0.45064
406189.88	3760230.75	0.43291	406190.13	3760255.50	0.41932
406198.22	3760273.75	0.42083	406223.22	3760274.50	0.42505
406248.19	3760275.25	0.44273	406270.56	3760282.00	0.44276
406289.75	3760298.25	0.44000	406308.91	3760314.25	0.43344
406328.09	3760330.25	0.42310	406347.25	3760346.25	0.42103
406366.44	3760362.25	0.41459	406385.59	3760378.50	0.41827
406404.78	3760394.50	0.41794	406423.94	3760410.50	0.40669
406438.56	3760430.50	0.38971	406453.13	3760451.00	0.37621
406464.50	3760468.50	0.36177	406439.66	3760465.75	0.36070
406414.84	3760462.75	0.35669	406390.31	3760458.25	0.35705
406365.97	3760452.75	0.36136	406354.47	3760461.75	0.35549
406362.25	3760484.25	0.35650	406383.81	3760497.00	0.34994
406405.22	3760509.75	0.34739	406422.63	3760527.50	0.34953
406440.06	3760545.50	0.33125	406459.63	3760554.25	0.32083
406482.22	3760543.50	0.32501	406504.78	3760532.75	0.32077
406527.34	3760522.00	0.32891	406549.91	3760511.25	0.33007
406572.50	3760500.50	0.33479	406596.63	3760494.75	0.34576
406621.09	3760489.75	0.35444	406645.00	3760486.75	0.35317
406667.09	3760498.50	0.35215	406684.06	3760513.00	0.35593
406685.72	3760538.00	0.35145	406687.41	3760563.00	0.34814
406689.06	3760587.75	0.33910	406690.72	3760612.75	0.33628

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL NOx emissions mitigated

*** 07/29/11
 *** 12:00:00
 *** PAGE 51

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406692.41	3760637.75	0.33001	406694.06	3760662.75	0.31465
406695.72	3760687.75	0.30661	406694.03	3760710.75	0.30152
406675.66	3760727.75	0.28856	406657.31	3760744.75	0.28253
406638.94	3760761.75	0.27530	406620.59	3760778.75	0.26858
406600.09	3760790.50	0.26320	406575.31	3760793.75	0.25389
406550.50	3760796.75	0.24927	406525.72	3760800.00	0.24480
406500.91	3760803.25	0.24286	406478.03	3760812.00	0.23985
406457.19	3760826.00	0.23225	406436.38	3760839.75	0.22856
406415.53	3760853.50	0.22370	406392.28	3760856.25	0.21942
406367.41	3760853.75	0.22158	406342.53	3760851.25	0.21865
406317.66	3760848.75	0.21931	406292.78	3760846.00	0.21631
406267.91	3760843.50	0.21401	406244.09	3760836.50	0.21810
406220.34	3760828.75	0.21788	406196.59	3760821.00	0.21824
406172.84	3760813.25	0.22091	406149.09	3760805.25	0.22403
406125.34	3760797.50	0.22545	406105.59	3760782.50	0.22728
406085.88	3760767.25	0.22688	406083.44	3760744.00	0.23349
406083.94	3760719.00	0.23934	406084.44	3760694.00	0.24771
406073.81	3760679.50	0.24942	406048.81	3760680.25	0.24799
406023.81	3760681.00	0.25250	405998.84	3760681.75	0.25818
405973.84	3760682.50	0.26123	405948.84	3760683.25	0.25742
405923.88	3760684.00	0.25428	405898.88	3760684.75	0.25528
405873.91	3760685.50	0.26341	405848.91	3760686.25	0.31129
405823.91	3760687.00	0.29885	405798.94	3760687.75	0.29418
405774.47	3760683.75	0.29132	405749.56	3760682.25	0.28995
405724.56	3760682.50	0.24616	405699.56	3760682.75	0.28231
405674.56	3760683.00	0.28019	405649.56	3760683.25	0.23873
405632.09	3760691.50	0.22607	405632.81	3760716.50	0.21920
405633.53	3760741.50	0.21539	405634.22	3760766.50	0.20823
405634.94	3760791.50	0.20582	405635.63	3760816.50	0.20453
405636.34	3760841.50	0.19992	405637.06	3760866.50	0.19643

Appendix B

			NOx Annual Emissions Mitigated			
405637.75	3760891.50	0.19182	405638.47	3760916.50	0.19168	
405639.16	3760941.50	0.18868	405639.88	3760966.50	0.18347	
405644.09	3760990.75	0.18031	405653.31	3761014.00	0.17662	
405653.75	3761039.00	0.17449	405654.16	3761064.00	0.17082	
405654.53	3761089.00	0.16670	405672.81	3761096.25	0.16524	
405697.78	3761095.50	0.16835	405722.78	3761095.00	0.16894	
405747.78	3761094.50	0.17067	405772.78	3761093.75	0.17343	
405797.75	3761093.25	0.17387	405822.75	3761092.50	0.17652	
405847.75	3761092.00	0.18050	405872.75	3761091.50	0.18245	
405897.72	3761090.75	0.18426	405922.72	3761090.25	0.18384	
. *** IS CST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			*** 07/29/11
			*** ANALYSIS ANNUAL NOx emissions mitigated			*** 12:00:00
**MODELOPTs:						PAGE 52
CONC	URBAN ELEV	FLGPOL	NOCALM			
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1						***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,						
*** DISCRETE CARTESIAN RECEPTOR POINTS ***						
** CONC OF OTHER IN MICROGRAMS/M**3 **						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
405947.72	3761089.50	0.18184	405972.72	3761089.00	0.18378	
405997.72	3761088.50	0.18635	406022.69	3761087.75	0.18673	
406047.69	3761087.25	0.18209	406072.69	3761086.50	0.17669	
406097.69	3761086.00	0.17665	406122.66	3761085.50	0.18045	
406147.66	3761084.75	0.18469	406172.66	3761084.25	0.18497	
406197.66	3761083.50	0.18574	406222.66	3761083.00	0.18721	
406247.63	3761082.50	0.19578	406272.63	3761081.75	0.19387	
406297.63	3761081.25	0.19332	406322.59	3761080.50	0.19584	
406347.59	3761080.00	0.20266	406372.59	3761079.50	0.20548	
406397.59	3761078.75	0.20686	406422.59	3761078.25	0.20668	
406447.56	3761077.50	0.20786	406472.56	3761077.00	0.21674	
406497.56	3761076.50	0.22287	406522.56	3761075.75	0.21916	
406547.53	3761075.25	0.21706	406572.53	3761074.50	0.22039	
406597.53	3761074.00	0.22616	406622.53	3761073.50	0.22371	
406647.53	3761072.75	0.22655	406672.50	3761072.25	0.23394	
406697.50	3761071.50	0.22991	406722.50	3761071.00	0.23219	
406747.50	3761070.50	0.23798	406772.50	3761069.75	0.24674	
406797.47	3761069.25	0.24571	406822.47	3761068.50	0.24229	
406847.47	3761068.00	0.24316	406872.47	3761067.50	0.24180	
406897.44	3761066.75	0.24845	406922.44	3761066.25	0.25627	
406947.44	3761065.50	0.26133	406972.41	3761065.00	0.27091	
406997.41	3761064.50	0.27043	407021.13	3761061.75	0.27283	
407020.31	3761036.75	0.28325	407019.50	3761011.75	0.28198	
407018.69	3760986.75	0.28086	407017.84	3760961.75	0.27838	
407017.03	3760936.75	0.27936	407016.22	3760911.75	0.27820	
407015.41	3760886.75	0.28455	407014.59	3760861.75	0.29447	
407013.75	3760836.75	0.30562	407012.94	3760811.75	0.31598	
407012.13	3760787.00	0.32795	407011.31	3760762.00	0.34209	
407010.47	3760737.00	0.35767	407009.66	3760712.00	0.37673	
407008.84	3760687.00	0.40047	407008.03	3760662.00	0.42165	
407031.94	3760661.50	0.43239	407056.94	3760661.25	0.45678	
407081.94	3760661.25	0.45229	407106.94	3760661.00	0.44213	
407131.91	3760660.75	0.42820	407156.94	3760660.50	0.41528	
407181.94	3760660.25	0.39281	407206.91	3760660.00	0.37658	
407231.91	3760660.00	0.36208	407256.91	3760659.75	0.34754	
407281.91	3760659.50	0.34943	407306.91	3760659.25	0.34048	
407331.91	3760659.00	0.33908	407356.91	3760659.00	0.32651	
407381.91	3760658.75	0.31482	407406.91	3760658.50	0.30309	
407431.91	3760658.25	0.29120	407456.91	3760658.00	0.28464	
407481.91	3760657.75	0.27549	407506.91	3760657.75	0.27242	
. *** IS CST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			*** 07/29/11
			*** ANALYSIS ANNUAL NOx emissions mitigated			*** 12:00:00
**MODELOPTs:						PAGE 53
CONC	URBAN ELEV	FLGPOL	NOCALM			
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1						***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,						
*** DISCRETE CARTESIAN RECEPTOR POINTS ***						
** CONC OF OTHER IN MICROGRAMS/M**3 **						

Appendix B

			NOx Annual Emissions Mitigated		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407531.91	3760657.50	0.26208	407556.91	3760657.25	0.10828
407581.91	3760657.00	0.10622	407606.91	3760656.75	0.10428
407631.91	3760656.75	0.10245	407656.91	3760656.50	0.10072
407681.91	3760656.25	0.09906	407706.91	3760656.00	0.09746
407731.91	3760655.75	0.09588	407756.91	3760655.50	0.09432
407781.91	3760655.50	0.09274	407806.91	3760655.25	0.09116
407831.91	3760655.00	0.08956	407856.91	3760654.75	0.08793
407881.91	3760654.50	0.08628	407906.91	3760654.25	0.08460
407931.91	3760654.25	0.08290	407956.91	3760654.00	0.08118
407981.91	3760653.75	0.07945	408006.91	3760653.50	0.07771
408031.88	3760653.25	0.07597	408056.88	3760653.25	0.07422
408081.91	3760653.00	0.07248	408106.91	3760652.75	0.07076
408131.88	3760652.50	0.06906	408156.88	3760652.25	0.06739
408181.88	3760652.00	0.06575	408206.88	3760652.00	0.06415
408225.75	3760645.00	0.06292	408224.94	3760620.00	0.06274
408224.16	3760595.00	0.06255	408223.34	3760570.00	0.06235
408222.56	3760545.00	0.06214	408221.75	3760520.00	0.06195
408220.94	3760495.00	0.06177	408220.16	3760470.00	0.06160
408219.34	3760445.00	0.06145	408218.56	3760420.00	0.06134
408217.75	3760395.00	0.06126	408216.94	3760370.00	0.06121
408216.16	3760345.00	0.06121	408215.34	3760320.00	0.06124
408214.56	3760295.00	0.06132	408213.75	3760270.00	0.06145
408212.97	3760245.25	0.06161	408212.16	3760220.25	0.06180
408211.38	3760195.25	0.06203	408210.56	3760170.25	0.06228
408209.75	3760145.25	0.06255	408208.97	3760120.25	0.06282
408208.16	3760095.25	0.06311	408207.38	3760070.25	0.06339
408206.56	3760045.25	0.06368	408205.75	3760020.25	0.06397
408204.97	3759995.25	0.06426	408204.16	3759970.25	0.06457
408203.38	3759945.25	0.06491	408202.56	3759920.25	0.06530
408201.78	3759895.25	0.06574	408200.97	3759870.25	0.06626
408201.59	3759847.50	0.06676	408226.56	3759847.25	0.06554
408251.56	3759846.75	0.06438	408276.56	3759846.25	0.06330
408301.56	3759846.00	0.06228	408326.56	3759845.50	0.06133
408351.56	3759845.25	0.06043	408376.56	3759844.75	0.05961
408401.56	3759844.50	0.05883	408426.56	3759844.00	0.05812
408451.53	3759843.75	0.05745	408476.53	3759843.25	0.05685
408501.53	3759842.75	0.05629	408526.53	3759842.50	0.05577
408551.53	3759842.00	0.05531	408576.53	3759841.75	0.05488
408601.53	3759841.25	0.05451	408626.53	3759841.00	0.05416
408651.53	3759840.50	0.05387	408676.53	3759840.25	0.05360

• *** ISCS3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

*** 07/29/11

*** ANALYSIS ANNUAL NOx emissions mitigated

*** 12:00:00

**MODELOPTs:

PAGE 54

CONC URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
408701.53	3759839.75	0.05337	408726.50	3759839.50	0.05317
408751.50	3759839.00	0.05301	408776.50	3759838.50	0.05288
408801.50	3759838.25	0.05276	408826.50	3759837.75	0.05268
408851.50	3759837.50	0.05260	408876.50	3759837.00	0.05257
408901.50	3759836.75	0.05254	408926.50	3759836.25	0.05255
408951.50	3759836.00	0.05255	408976.47	3759835.50	0.05259
409001.50	3759835.00	0.05264	409026.47	3759834.75	0.05269
409051.47	3759834.25	0.05277	409076.47	3759834.00	0.05283
409101.47	3759833.50	0.05293	409126.47	3759833.25	0.05301
409151.47	3759833.00	0.05310	409176.47	3759832.50	0.05322
409201.47	3759832.25	0.05332	409226.47	3759832.00	0.05342
409251.47	3759831.50	0.05354	409276.44	3759831.25	0.05365
409301.44	3759831.00	0.05376	409326.44	3759830.50	0.05388
409351.44	3759830.25	0.05399	409376.44	3759830.00	0.05410
409401.44	3759829.50	0.05422	409426.44	3759829.25	0.05432
409451.44	3759829.00	0.05442	409476.44	3759828.50	0.05454
409501.44	3759828.25	0.05463	409526.44	3759828.00	0.05472
409551.44	3759827.50	0.05482	409576.44	3759827.25	0.05490
409601.44	3759827.00	0.05498	409626.41	3759826.50	0.05507
409651.44	3759826.25	0.05513	409676.41	3759826.00	0.05519

Appendix B

			NOx Annual Emissions Mitigated				
409700.88	3759821.50	0.05553	409724.59	3759813.50	0.05608		
409748.28	3759805.75	0.05659	409772.00	3759797.75	0.05708		
407390.94	3759093.50	1.50846	407365.13	3759080.25	1.57725		
407339.78	3759067.50	1.56518	407316.59	3759058.75	1.43024		
407283.19	3759053.00	1.33011	407252.94	3759048.75	1.36271		
407225.69	3759048.50	1.59064	407196.97	3759050.00	1.95323		
407179.00	3759048.00	2.08237	407162.81	3759027.25	2.08527		
407144.13	3759004.00	1.84536	407126.47	3758984.75	1.53609		
407105.78	3758967.50	1.34937	407088.16	3758951.75	1.23951		
407069.53	3758935.25	1.10906	407049.31	3758918.50	0.97629		
407036.31	3758905.00	0.87416	407039.69	3758879.25	0.89144		
407046.66	3758854.25	0.83574	407052.50	3758829.00	0.80699		
407055.88	3758804.50	0.76249	407059.22	3758781.50	0.71419		
407066.25	3758771.75	0.70833	407073.94	3758765.00	0.69165		
407083.13	3758759.50	0.68178	407094.38	3758756.75	0.68966		
407109.31	3758764.25	0.72410	407134.59	3758776.75	0.74079		
407157.81	3758790.75	0.76672	407181.59	3758803.25	0.78219		
407205.38	3758815.75	0.76484	407230.69	3758833.50	0.74405		
407254.03	3758858.25	0.68432	407272.69	3758877.50	0.62366		
405962.50	3758512.50	0.19495	405962.50	3758487.50	0.19212		
* *** ISCST3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT					***	07/29/11
	*** ANALYSIS ANNUAL NOx emissions mitigated					***	12:00:00
**MODELOPTs:							PAGE 55
CONC	URBAN ELEV	FLGPOL	NOCALM				
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***							
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,							
*** DISCRETE CARTESIAN RECEPTOR POINTS ***							
		** CONC OF OTHER	IN MICROGRAMS/M**3				
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
405962.50	3758462.50	0.19194	405962.50	3758437.50	0.19144		
405962.50	3758412.50	0.18856	405962.50	3758387.50	0.18743		
405962.50	3758362.50	0.18524	405962.50	3758337.50	0.18349		
405962.50	3758312.50	0.18145	405962.50	3758287.50	0.17916		
405962.50	3758262.50	0.17665	405962.50	3758237.50	0.17224		
405962.50	3758212.50	0.16920	405962.50	3758187.50	0.16602		
405962.50	3758162.50	0.16313	405962.50	3758137.50	0.15877		
405987.50	3758512.50	0.20116	405987.50	3758487.50	0.19871		
405987.50	3758462.50	0.19634	405987.50	3758437.50	0.19449		
405987.50	3758412.50	0.19338	405987.50	3758387.50	0.19191		
405987.50	3758362.50	0.19011	405987.50	3758337.50	0.18800		
405987.50	3758312.50	0.18561	405987.50	3758287.50	0.18298		
405987.50	3758262.50	0.17963	405987.50	3758237.50	0.17478		
405987.50	3758212.50	0.17179	405987.50	3758187.50	0.16827		
405987.50	3758162.50	0.16428	405987.50	3758137.50	0.16050		
406012.50	3758512.50	0.20622	406012.50	3758487.50	0.20534		
406012.50	3758462.50	0.20193	406012.50	3758437.50	0.20044		
406012.50	3758412.50	0.19895	406012.50	3758387.50	0.19498		
406012.50	3758362.50	0.19284	406012.50	3758337.50	0.19049		
406012.50	3758312.50	0.18860	406012.50	3758287.50	0.18479		
406012.50	3758262.50	0.18104	406012.50	3758237.50	0.17788		
406012.50	3758212.50	0.17466	406012.50	3758187.50	0.16975		
406012.50	3758162.50	0.16596	406012.50	3758137.50	0.16281		
406037.50	3758512.50	0.21291	406037.50	3758487.50	0.21138		
406037.50	3758462.50	0.20780	406037.50	3758437.50	0.20630		
406037.50	3758412.50	0.20375	406037.50	3758387.50	0.19922		
406037.50	3758362.50	0.19670	406037.50	3758337.50	0.19389		
406037.50	3758312.50	0.19085	406037.50	3758287.50	0.18764		
406037.50	3758262.50	0.18431	406037.50	3758237.50	0.18030		
406037.50	3758212.50	0.17506	406037.50	3758187.50	0.17171		
406037.50	3758162.50	0.16838	406037.50	3758137.50	0.16508		
406062.50	3758512.50	0.22022	406062.50	3758487.50	0.21660		
406062.50	3758462.50	0.21416	406062.50	3758437.50	0.20995		
406062.50	3758412.50	0.20717	406062.50	3758387.50	0.20407		
406062.50	3758362.50	0.20113	406062.50	3758337.50	0.19793		
406062.50	3758312.50	0.19455	406062.50	3758287.50	0.19103		
406062.50	3758262.50	0.18647	406062.50	3758237.50	0.18202		
406062.50	3758212.50	0.17778	406062.50	3758187.50	0.17253		
406062.50	3758162.50	0.16874	406062.50	3758137.50	0.16568		
406087.50	3758512.50	0.22399	406087.50	3758487.50	0.22248		
* *** ISCST3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT					***	07/29/11
	*** ANALYSIS ANNUAL NOx emissions mitigated					***	12:00:00

Appendix B

**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406087.50	3758462.50	0.22007	406087.50	3758437.50	0.21470
406087.50	3758412.50	0.21196	406087.50	3758387.50	0.20888
406087.50	3758362.50	0.20552	406087.50	3758337.50	0.20131
406087.50	3758312.50	0.19760	406087.50	3758287.50	0.19373
406087.50	3758262.50	0.18787	406087.50	3758237.50	0.18411
406087.50	3758212.50	0.17983	406087.50	3758187.50	0.17432
406087.50	3758162.50	0.17072	406087.50	3758137.50	0.16714
406112.50	3758512.50	0.23129	406112.50	3758487.50	0.22915
406112.50	3758462.50	0.22362	406112.50	3758437.50	0.22034
406112.50	3758412.50	0.21710	406112.50	3758387.50	0.21120
406112.50	3758362.50	0.20750	406112.50	3758337.50	0.20363
406112.50	3758312.50	0.19886	406112.50	3758287.50	0.19487
406112.50	3758262.50	0.19087	406112.50	3758237.50	0.18689
406112.50	3758212.50	0.18118	406112.50	3758187.50	0.17733
406112.50	3758162.50	0.17278	406112.50	3758137.50	0.16898
406137.50	3758512.50	0.23858	406137.50	3758487.50	0.23220
406137.50	3758462.50	0.22923	406137.50	3758437.50	0.22498
406137.50	3758412.50	0.21866	406137.50	3758387.50	0.21478
406137.50	3758362.50	0.21070	406137.50	3758337.50	0.20652
406137.50	3758312.50	0.20228	406137.50	3758287.50	0.19802
406137.50	3758262.50	0.19321	406137.50	3758237.50	0.18902
406137.50	3758212.50	0.18378	406137.50	3758187.50	0.17880
406137.50	3758162.50	0.17474	406137.50	3758137.50	0.17066
406162.50	3758512.50	0.24421	406162.50	3758487.50	0.23868
406162.50	3758462.50	0.23363	406162.50	3758437.50	0.22753
406162.50	3758412.50	0.22341	406162.50	3758387.50	0.21909
406162.50	3758362.50	0.21227	406162.50	3758337.50	0.20784
406162.50	3758312.50	0.20295	406162.50	3758287.50	0.19818
406162.50	3758262.50	0.19381	406162.50	3758237.50	0.18946
406162.50	3758212.50	0.18513	406162.50	3758187.50	0.18079
406162.50	3758162.50	0.17643	406162.50	3758137.50	0.17203
406187.50	3758512.50	0.24862	406187.50	3758487.50	0.24403
406187.50	3758462.50	0.23696	406187.50	3758437.50	0.23260
406187.50	3758412.50	0.22757	406187.50	3758387.50	0.22243
406187.50	3758362.50	0.21514	406187.50	3758337.50	0.21044
406187.50	3758312.50	0.20575	406187.50	3758287.50	0.20109
406187.50	3758262.50	0.19644	406187.50	3758237.50	0.19181
406187.50	3758212.50	0.18717	406187.50	3758187.50	0.18250
406187.50	3758162.50	0.17728	406187.50	3758137.50	0.17072
406212.50	3758512.50	0.25540	406212.50	3758487.50	0.24813

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL NOx emissions mitigated

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406212.50	3758462.50	0.24226	406212.50	3758437.50	0.23738
406212.50	3758412.50	0.22978	406212.50	3758387.50	0.22379
406212.50	3758362.50	0.21970	406212.50	3758337.50	0.21377
406212.50	3758312.50	0.20879	406212.50	3758287.50	0.20382
406212.50	3758262.50	0.19886	406212.50	3758237.50	0.19389
406212.50	3758212.50	0.18888	406212.50	3758187.50	0.18382
406212.50	3758162.50	0.17775	406212.50	3758137.50	0.17122
406237.50	3758512.50	0.26359	406237.50	3758487.50	0.25602
406237.50	3758462.50	0.24748	406237.50	3758437.50	0.24115
406237.50	3758412.50	0.23288	406237.50	3758387.50	0.22753

Appendix B

				NOx Annual Emissions Mitigated	
406237.50	3758362.50	0.22218	406237.50	3758337.50	0.21615
406237.50	3758312.50	0.21086	406237.50	3758287.50	0.20558
406237.50	3758262.50	0.20027	406237.50	3758237.50	0.19492
406237.50	3758212.50	0.19008	406237.50	3758187.50	0.18458
406237.50	3758162.50	0.17668	406237.50	3758137.50	0.17111
406262.50	3758512.50	0.27109	406262.50	3758487.50	0.26262
406262.50	3758462.50	0.25365	406262.50	3758437.50	0.24654
406262.50	3758412.50	0.23752	406262.50	3758387.50	0.23121
406262.50	3758362.50	0.22550	406262.50	3758337.50	0.21747
406262.50	3758312.50	0.21090	406262.50	3758287.50	0.20530
406262.50	3758262.50	0.20010	406262.50	3758237.50	0.19479
406262.50	3758212.50	0.18816	406262.50	3758187.50	0.18230
406262.50	3758162.50	0.17640	406262.50	3758137.50	0.16826
406287.50	3758512.50	0.27614	406287.50	3758487.50	0.26796
406287.50	3758462.50	0.25891	406287.50	3758437.50	0.25017
406287.50	3758412.50	0.24224	406287.50	3758387.50	0.23469
406287.50	3758362.50	0.22813	406287.50	3758337.50	0.22160
406287.50	3758312.50	0.21302	406287.50	3758287.50	0.20694
406287.50	3758262.50	0.20078	406287.50	3758237.50	0.19455
406287.50	3758212.50	0.18825	406287.50	3758187.50	0.17939
406287.50	3758162.50	0.17316	406287.50	3758137.50	0.16695
406312.50	3758512.50	0.28088	406312.50	3758487.50	0.27003
406312.50	3758462.50	0.26200	406312.50	3758437.50	0.25520
406312.50	3758412.50	0.24554	406312.50	3758387.50	0.23787
406312.50	3758362.50	0.23125	406312.50	3758337.50	0.22210
406312.50	3758312.50	0.21461	406312.50	3758287.50	0.20796
406312.50	3758262.50	0.20124	406312.50	3758237.50	0.19445
406312.50	3758212.50	0.18539	406312.50	3758187.50	0.17831
406312.50	3758162.50	0.17004	406312.50	3758137.50	0.16290
406337.50	3758512.50	0.28576	406337.50	3758487.50	0.27357

• *** ISCS3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

*** ANALYSIS ANNUAL NOx emissions mitigated

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**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406337.50	3758462.50	0.26586	406337.50	3758437.50	0.25806
406337.50	3758412.50	0.24776	406337.50	3758387.50	0.24061
406337.50	3758362.50	0.23297	406337.50	3758337.50	0.22270
406337.50	3758312.50	0.21551	406337.50	3758287.50	0.20516
406337.50	3758262.50	0.19800	406337.50	3758237.50	0.19082
406337.50	3758212.50	0.18231	406337.50	3758187.50	0.17411
406337.50	3758162.50	0.16727	406337.50	3758137.50	0.16052
406362.50	3758512.50	0.28928	406362.50	3758487.50	0.27822
406362.50	3758462.50	0.27033	406362.50	3758437.50	0.25944
406362.50	3758412.50	0.25104	406362.50	3758387.50	0.24264
406362.50	3758362.50	0.23122	406362.50	3758337.50	0.22344
406362.50	3758312.50	0.21558	406362.50	3758287.50	0.20461
406362.50	3758262.50	0.19687	406362.50	3758237.50	0.18646
406362.50	3758212.50	0.17733	406362.50	3758187.50	0.16936
406362.50	3758162.50	0.16209	406362.50	3758137.50	0.15510
406387.50	3758512.50	0.29101	406387.50	3758487.50	0.28247
406387.50	3758462.50	0.27294	406387.50	3758437.50	0.26097
406387.50	3758412.50	0.25252	406387.50	3758387.50	0.24010
406387.50	3758362.50	0.23167	406387.50	3758337.50	0.22244
406387.50	3758312.50	0.21149	406387.50	3758287.50	0.20307
406387.50	3758262.50	0.19205	406387.50	3758237.50	0.18145
406387.50	3758212.50	0.17138	406387.50	3758187.50	0.16244
406387.50	3758162.50	0.15512	406387.50	3758137.50	0.14869
406412.50	3758512.50	0.29546	406412.50	3758487.50	0.28128
406412.50	3758462.50	0.27219	406412.50	3758437.50	0.26300
406412.50	3758412.50	0.25021	406412.50	3758387.50	0.24043
406412.50	3758362.50	0.22988	406412.50	3758337.50	0.21856
406412.50	3758312.50	0.20843	406412.50	3758287.50	0.19784
406412.50	3758262.50	0.18615	406412.50	3758237.50	0.17332
406412.50	3758212.50	0.16437	406412.50	3758187.50	0.15656
406412.50	3758162.50	0.14998	406412.50	3758137.50	0.14379
406437.50	3758512.50	0.29592	406437.50	3758487.50	0.28412

Appendix B

NOx Annual Emissions Mitigated

406587.50	3758462.50	0.22905	406587.50	3758437.50	0.21162
406587.50	3758412.50	0.20121	406587.50	3758387.50	0.19084
406587.50	3758362.50	0.18115	406587.50	3758337.50	0.17447
406587.50	3758312.50	0.17028	406587.50	3758287.50	0.16391
406587.50	3758262.50	0.15797	406587.50	3758237.50	0.15262
406587.50	3758212.50	0.14779	406587.50	3758187.50	0.14300
406587.50	3758162.50	0.13755	406587.50	3758137.50	0.13365
406612.50	3758512.50	0.26104	406612.50	3758487.50	0.23791
406612.50	3758462.50	0.21651	406612.50	3758437.50	0.20297
406612.50	3758412.50	0.19341	406612.50	3758387.50	0.18253
406612.50	3758362.50	0.17894	406612.50	3758337.50	0.17436
406612.50	3758312.50	0.17005	406612.50	3758287.50	0.16367
406612.50	3758262.50	0.15829	406612.50	3758237.50	0.15284
406612.50	3758212.50	0.14765	406612.50	3758187.50	0.14252
406612.50	3758162.50	0.13900	406612.50	3758137.50	0.13577
406637.50	3758512.50	0.24556	406637.50	3758487.50	0.22775
406637.50	3758462.50	0.21047	406637.50	3758437.50	0.19521
406637.50	3758412.50	0.18811	406637.50	3758387.50	0.18468
406637.50	3758362.50	0.18200	406637.50	3758337.50	0.17940
406637.50	3758312.50	0.17344	406637.50	3758287.50	0.16566
406637.50	3758262.50	0.15931	406637.50	3758237.50	0.15357
406637.50	3758212.50	0.14802	406637.50	3758187.50	0.14400
406637.50	3758162.50	0.13929	406637.50	3758137.50	0.13635
406662.50	3758512.50	0.23898	406662.50	3758487.50	0.22284
406662.50	3758462.50	0.20941	406662.50	3758437.50	0.20047
406662.50	3758412.50	0.19557	406662.50	3758387.50	0.18811
406662.50	3758362.50	0.18434	406662.50	3758337.50	0.18028
406662.50	3758312.50	0.17373	406662.50	3758287.50	0.16714
406662.50	3758262.50	0.16030	406662.50	3758237.50	0.15475
406662.50	3758212.50	0.15058	406662.50	3758187.50	0.14522
406662.50	3758162.50	0.14224	406662.50	3758137.50	0.13753
406687.50	3758512.50	0.22963	406687.50	3758487.50	0.21905
406687.50	3758462.50	0.20968	406687.50	3758437.50	0.20419
406687.50	3758412.50	0.19738	406687.50	3758387.50	0.18998
406687.50	3758362.50	0.18579	406687.50	3758337.50	0.18134
406687.50	3758312.50	0.17430	406687.50	3758287.50	0.16728
406687.50	3758262.50	0.16204	406687.50	3758237.50	0.15728
406687.50	3758212.50	0.15179	406687.50	3758187.50	0.14868
406687.50	3758162.50	0.14385	406687.50	3758137.50	0.13926
406712.50	3758512.50	0.22229	406712.50	3758487.50	0.21448

• *** ISCS3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions mitigated *** 12:00:00
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 61
 CONC
 *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 2 3 4
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **
 X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC

 406712.50 3758462.50 0.20907 406712.50 3758437.50 0.20276
 406712.50 3758412.50 0.19867 406712.50 3758387.50 0.19267
 406712.50 3758362.50 0.18726 406712.50 3758337.50 0.18225
 406712.50 3758312.50 0.17510 406712.50 3758287.50 0.16846
 406712.50 3758262.50 0.16481 406712.50 3758237.50 0.15903
 406712.50 3758212.50 0.15591 406712.50 3758187.50 0.15085
 406712.50 3758162.50 0.14630 406712.50 3758137.50 0.14154
 406737.50 3758512.50 0.21951 406737.50 3758487.50 0.21387
 406737.50 3758462.50 0.21013 406737.50 3758437.50 0.20417
 406737.50 3758412.50 0.19972 406737.50 3758387.50 0.19567
 406737.50 3758362.50 0.19139 406737.50 3758337.50 0.18388
 406737.50 3758312.50 0.17798 406737.50 3758287.50 0.17324
 406737.50 3758262.50 0.16719 406737.50 3758237.50 0.16398
 406737.50 3758212.50 0.15860 406737.50 3758187.50 0.15363
 406737.50 3758162.50 0.14889 406737.50 3758137.50 0.14443
 406762.50 3758512.50 0.21907 406762.50 3758487.50 0.21654
 406762.50 3758462.50 0.21144 406762.50 3758437.50 0.20847
 406762.50 3758412.50 0.20319 406762.50 3758387.50 0.19831
 406762.50 3758362.50 0.19465 406762.50 3758337.50 0.18947
 406762.50 3758312.50 0.18307 406762.50 3758287.50 0.17711
 406762.50 3758262.50 0.17305 406762.50 3758237.50 0.16739
 406762.50 3758212.50 0.16361 406762.50 3758187.50 0.15716

Appendix B

		NOx Annual Emissions Mitigated			
406762.50	3758162.50	0.15247	406762.50	3758137.50	0.14804
406787.50	3758512.50	0.21893	406787.50	3758487.50	0.21756
406787.50	3758462.50	0.21602	406787.50	3758437.50	0.21372
406787.50	3758412.50	0.20956	406787.50	3758387.50	0.20503
406787.50	3758362.50	0.20186	406787.50	3758337.50	0.19582
406787.50	3758312.50	0.18972	406787.50	3758287.50	0.18548
406787.50	3758262.50	0.17834	406787.50	3758237.50	0.17427
406787.50	3758212.50	0.16898	406787.50	3758187.50	0.16161
406787.50	3758162.50	0.15693	406787.50	3758137.50	0.15077
406812.50	3758512.50	0.22395	406812.50	3758487.50	0.22457
406812.50	3758462.50	0.22217	406812.50	3758437.50	0.21984
406812.50	3758412.50	0.21835	406812.50	3758387.50	0.21426
406812.50	3758362.50	0.20997	406812.50	3758337.50	0.20502
406812.50	3758312.50	0.19699	406812.50	3758287.50	0.19173
406812.50	3758262.50	0.18601	406812.50	3758237.50	0.17998
406812.50	3758212.50	0.17462	406812.50	3758187.50	0.16956
406812.50	3758162.50	0.16120	406812.50	3758137.50	0.15569
406837.50	3758512.50	0.23319	406837.50	3758487.50	0.22948

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL NOx emissions mitigated

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**MODELOPTs:

CONC

URBAN ELEV FLGPOL

NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406837.50	3758462.50	0.22904	406837.50	3758437.50	0.22872
406837.50	3758412.50	0.22954	406837.50	3758387.50	0.22652
406837.50	3758362.50	0.22070	406837.50	3758337.50	0.21542
406837.50	3758312.50	0.20799	406837.50	3758287.50	0.19879
406837.50	3758262.50	0.19145	406837.50	3758237.50	0.18473
406837.50	3758212.50	0.18157	406837.50	3758187.50	0.17645
406837.50	3758162.50	0.16975	406837.50	3758137.50	0.16409
406862.50	3758512.50	0.24225	406862.50	3758487.50	0.24118
406862.50	3758462.50	0.24110	406862.50	3758437.50	0.24098
406862.50	3758412.50	0.24067	406862.50	3758387.50	0.23735
406862.50	3758362.50	0.23210	406862.50	3758337.50	0.22797
406862.50	3758312.50	0.21906	406862.50	3758287.50	0.20418
406862.50	3758262.50	0.19614	406862.50	3758237.50	0.19330
406862.50	3758212.50	0.19073	406862.50	3758187.50	0.18745
406862.50	3758162.50	0.18501	406862.50	3758137.50	0.18081
406887.50	3758512.50	0.25918	406887.50	3758487.50	0.25577
406887.50	3758462.50	0.25345	406887.50	3758437.50	0.25538
406887.50	3758412.50	0.25362	406887.50	3758387.50	0.25179
406887.50	3758362.50	0.24700	406887.50	3758337.50	0.23954
406887.50	3758312.50	0.22468	406887.50	3758287.50	0.20844
406887.50	3758262.50	0.20761	406887.50	3758237.50	0.20805
406887.50	3758212.50	0.20819	406887.50	3758187.50	0.20465
406887.50	3758162.50	0.20180	406887.50	3758137.50	0.19959
406912.50	3758512.50	0.27684	406912.50	3758487.50	0.27416
406912.50	3758462.50	0.26974	406912.50	3758437.50	0.27028
406912.50	3758412.50	0.27289	406912.50	3758387.50	0.27026
406912.50	3758362.50	0.26153	406912.50	3758337.50	0.25302
406912.50	3758312.50	0.23240	406912.50	3758287.50	0.21933
406912.50	3758262.50	0.22678	406912.50	3758237.50	0.23243
406912.50	3758212.50	0.22994	406912.50	3758187.50	0.22530
406912.50	3758162.50	0.22182	406912.50	3758137.50	0.21838
406937.50	3758512.50	0.30146	406937.50	3758487.50	0.29659
406937.50	3758462.50	0.29112	406937.50	3758437.50	0.28720
406937.50	3758412.50	0.29174	406937.50	3758387.50	0.28709
406937.50	3758362.50	0.27765	406937.50	3758337.50	0.26500
406937.50	3758312.50	0.24705	406937.50	3758287.50	0.24925
406937.50	3758262.50	0.25596	406937.50	3758237.50	0.26109
406937.50	3758212.50	0.25903	406937.50	3758187.50	0.25433
406937.50	3758162.50	0.24770	406937.50	3758137.50	0.23975
406962.50	3758512.50	0.33876	406962.50	3758487.50	0.33262

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL NOx emissions mitigated

*** 07/29/11
*** 12:00:00
*** PAGE 63

**MODELOPTs:

CONC

URBAN ELEV FLGPOL

NOCALM

Appendix B

NOx Annual Emissions Mitigated

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406962.50	3758462.50	0.32652	406962.50	3758437.50	0.31893
406962.50	3758412.50	0.31826	406962.50	3758387.50	0.31060
406962.50	3758362.50	0.29188	406962.50	3758337.50	0.28025
406962.50	3758312.50	0.27629	406962.50	3758287.50	0.28042
406962.50	3758262.50	0.29035	406962.50	3758237.50	0.28899
406962.50	3758212.50	0.28427	406962.50	3758187.50	0.27968
406962.50	3758162.50	0.26894	406962.50	3758137.50	0.25561
406987.50	3758512.50	0.38541	406987.50	3758487.50	0.37769
406987.50	3758462.50	0.36313	406987.50	3758437.50	0.35533
406987.50	3758412.50	0.34518	406987.50	3758387.50	0.33006
406987.50	3758362.50	0.30771	406987.50	3758337.50	0.29669
406987.50	3758312.50	0.29345	406987.50	3758287.50	0.30364
406987.50	3758262.50	0.31350	406987.50	3758237.50	0.30683
406987.50	3758212.50	0.30044	406987.50	3758187.50	0.29044
406987.50	3758162.50	0.27398	406987.50	3758137.50	0.25774
407012.50	3758512.50	0.42231	407012.50	3758487.50	0.41183
407012.50	3758462.50	0.40157	407012.50	3758437.50	0.38696
407012.50	3758412.50	0.37236	407012.50	3758387.50	0.35462
407012.50	3758362.50	0.33650	407012.50	3758337.50	0.33085
407012.50	3758312.50	0.32334	407012.50	3758287.50	0.32899
407012.50	3758262.50	0.32743	407012.50	3758237.50	0.31661
407012.50	3758212.50	0.30693	407012.50	3758187.50	0.29017
407012.50	3758162.50	0.27134	407012.50	3758137.50	0.26532
407037.50	3758512.50	0.45139	407037.50	3758487.50	0.44346
407037.50	3758462.50	0.43016	407037.50	3758437.50	0.41737
407037.50	3758412.50	0.40030	407037.50	3758387.50	0.38257
407037.50	3758362.50	0.37254	407037.50	3758337.50	0.36834
407037.50	3758312.50	0.35866	407037.50	3758287.50	0.34931
407037.50	3758262.50	0.33676	407037.50	3758237.50	0.32476
407037.50	3758212.50	0.31532	407037.50	3758187.50	0.30945
407037.50	3758162.50	0.30274	407037.50	3758137.50	0.29545
407062.50	3758512.50	0.47633	407062.50	3758487.50	0.47406
407062.50	3758462.50	0.45942	407062.50	3758437.50	0.44516
407062.50	3758412.50	0.42509	407062.50	3758387.50	0.40636
407062.50	3758362.50	0.39474	407062.50	3758337.50	0.38754
407062.50	3758312.50	0.37659	407062.50	3758287.50	0.36240
407062.50	3758262.50	0.34946	407062.50	3758237.50	0.33737
407062.50	3758212.50	0.33130	407062.50	3758187.50	0.32403
407062.50	3758162.50	0.31567	407062.50	3758137.50	0.30762
407087.50	3758512.50	0.51497	407087.50	3758487.50	0.50369

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL NOx emissions mitigated

*** 07/29/11
 *** 12:00:00
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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407087.50	3758462.50	0.49284	407087.50	3758437.50	0.47054
407087.50	3758412.50	0.45103	407087.50	3758387.50	0.43297
407087.50	3758362.50	0.41957	407087.50	3758337.50	0.40677
407087.50	3758312.50	0.39455	407087.50	3758287.50	0.38272
407087.50	3758262.50	0.36689	407087.50	3758237.50	0.35190
407087.50	3758212.50	0.34220	407087.50	3758187.50	0.33378
407087.50	3758162.50	0.32483	407087.50	3758137.50	0.31624
407112.50	3758512.50	0.53849	407112.50	3758487.50	0.53201
407112.50	3758462.50	0.51303	407112.50	3758437.50	0.49505
407112.50	3758412.50	0.47019	407112.50	3758387.50	0.44717
407112.50	3758362.50	0.43278	407112.50	3758337.50	0.41908
407112.50	3758312.50	0.40669	407112.50	3758287.50	0.39500

Appendix B

NOx Annual Emissions Mitigated

407112.50	3758262.50	0.38234	407112.50	3758237.50	0.36714
407112.50	3758212.50	0.35589	407112.50	3758187.50	0.34531
407112.50	3758162.50	0.33286	407112.50	3758137.50	0.31998
407137.50	3758512.50	0.56468	407137.50	3758487.50	0.56299
407137.50	3758462.50	0.54245	407137.50	3758437.50	0.50865
407137.50	3758412.50	0.48439	407137.50	3758387.50	0.46048
407137.50	3758362.50	0.44056	407137.50	3758337.50	0.43088
407137.50	3758312.50	0.41709	407137.50	3758287.50	0.40899
407137.50	3758262.50	0.39193	407137.50	3758237.50	0.37949
407137.50	3758212.50	0.36238	407137.50	3758187.50	0.35351
407137.50	3758162.50	0.34343	407137.50	3758137.50	0.33006
407162.50	3758512.50	0.58041	407162.50	3758487.50	0.57633
407162.50	3758462.50	0.56457	407162.50	3758437.50	0.52373
407162.50	3758412.50	0.49482	407162.50	3758387.50	0.47432
407162.50	3758362.50	0.45242	407162.50	3758337.50	0.43751
407162.50	3758312.50	0.42857	407162.50	3758287.50	0.41479
407162.50	3758262.50	0.40171	407162.50	3758237.50	0.39043
407162.50	3758212.50	0.37913	407162.50	3758187.50	0.36822
407162.50	3758162.50	0.35637	407162.50	3758137.50	0.33914
407187.50	3758512.50	0.63400	407187.50	3758487.50	0.61971
407187.50	3758462.50	0.57876	407187.50	3758437.50	0.53829
407187.50	3758412.50	0.50161	407187.50	3758387.50	0.47744
407187.50	3758362.50	0.46125	407187.50	3758337.50	0.44590
407187.50	3758312.50	0.43193	407187.50	3758287.50	0.42216
407187.50	3758262.50	0.40924	407187.50	3758237.50	0.40000
407187.50	3758212.50	0.39284	407187.50	3758187.50	0.38543
407187.50	3758162.50	0.37163	407187.50	3758137.50	0.35313
407212.50	3758512.50	0.62830	407212.50	3758487.50	0.60519

• *** ISCSST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL NOx emissions mitigated

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 *** 12:00:00
 *** PAGE 65

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407212.50	3758462.50	0.57444	407212.50	3758437.50	0.55186
407212.50	3758412.50	0.51338	407212.50	3758387.50	0.48139
407212.50	3758362.50	0.46439	407212.50	3758337.50	0.44846
407212.50	3758312.50	0.43450	407212.50	3758287.50	0.42132
407212.50	3758262.50	0.41173	407212.50	3758237.50	0.40228
407212.50	3758212.50	0.39943	407212.50	3758187.50	0.39077
407212.50	3758162.50	0.37734	407212.50	3758137.50	0.35589
407237.50	3758512.50	0.60637	407237.50	3758487.50	0.58869
407237.50	3758462.50	0.56650	407237.50	3758437.50	0.54117
407237.50	3758412.50	0.50920	407237.50	3758387.50	0.47915
407237.50	3758362.50	0.45853	407237.50	3758337.50	0.44394
407237.50	3758312.50	0.43189	407237.50	3758287.50	0.42086
407237.50	3758262.50	0.40840	407237.50	3758237.50	0.39647
407237.50	3758212.50	0.39159	407237.50	3758187.50	0.38018
407237.50	3758162.50	0.36457	407237.50	3758137.50	0.34690
407262.50	3758512.50	0.57707	407262.50	3758487.50	0.56164
407262.50	3758462.50	0.54352	407262.50	3758437.50	0.53071
407262.50	3758412.50	0.50673	407262.50	3758387.50	0.46857
407262.50	3758362.50	0.44657	407262.50	3758337.50	0.43320
407262.50	3758312.50	0.42432	407262.50	3758287.50	0.41190
407262.50	3758262.50	0.40234	407262.50	3758237.50	0.38823
407262.50	3758212.50	0.37425	407262.50	3758187.50	0.36182
407262.50	3758162.50	0.34881	407262.50	3758137.50	0.33366
407287.50	3758512.50	0.54362	407287.50	3758487.50	0.52493
407287.50	3758462.50	0.51424	407287.50	3758437.50	0.50243
407287.50	3758412.50	0.48406	407287.50	3758387.50	0.45273
407287.50	3758362.50	0.42715	407287.50	3758337.50	0.41805
407287.50	3758312.50	0.40956	407287.50	3758287.50	0.39910
407287.50	3758262.50	0.38826	407287.50	3758237.50	0.37148
407287.50	3758212.50	0.35199	407287.50	3758187.50	0.34097
407287.50	3758162.50	0.33434	407287.50	3758137.50	0.32061
407312.50	3758512.50	0.51119	407312.50	3758487.50	0.50180
407312.50	3758462.50	0.48332	407312.50	3758437.50	0.46789
407312.50	3758412.50	0.45240	407312.50	3758387.50	0.43050

Appendix B

				NOx Annual Emissions Mitigated			
407312.50	3758362.50	0.40400	407312.50	3758337.50	0.39213		
407312.50	3758312.50	0.38550	407312.50	3758287.50	0.37565		
407312.50	3758262.50	0.36189	407312.50	3758237.50	0.34226		
407312.50	3758212.50	0.32815	407312.50	3758187.50	0.32079		
407312.50	3758162.50	0.31729	407312.50	3758137.50	0.31077		
407337.50	3758512.50	0.58384	407337.50	3758487.50	0.56312		
• *** IS CST3 - VERSION 02035 ***		*** WHITTIER MATRIX OIL PROJECT				***	07/29/11
		*** ANALYSIS ANNUAL NOx emissions mitigated				***	12:00:00
**MODELOPTs:		URBAN ELEV FLGPOL		NOCALM		PAGE 66	
CONC							
		*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1				***	
		INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,					
		*** DISCRETE CARTESIAN RECEPTOR POINTS ***					
		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
407337.50	3758462.50	0.44509	407337.50	3758437.50	0.42990		
407337.50	3758412.50	0.41492	407337.50	3758387.50	0.39949		
407337.50	3758362.50	0.37307	407337.50	3758337.50	0.36101		
407337.50	3758312.50	0.35067	407337.50	3758287.50	0.33998		
407337.50	3758262.50	0.32867	407337.50	3758237.50	0.31710		
407337.50	3758212.50	0.30557	407337.50	3758187.50	0.29899		
407337.50	3758162.50	0.29937	407337.50	3758137.50	0.29468		
407362.50	3758512.50	0.53387	407362.50	3758487.50	0.52105		
407362.50	3758462.50	0.40375	407362.50	3758437.50	0.39074		
407362.50	3758412.50	0.37842	407362.50	3758387.50	0.36551		
407362.50	3758362.50	0.34596	407362.50	3758337.50	0.33258		
407362.50	3758312.50	0.31859	407362.50	3758287.50	0.30734		
407362.50	3758262.50	0.29756	407362.50	3758237.50	0.28130		
407362.50	3758212.50	0.27639	407362.50	3758187.50	0.26951		
407362.50	3758162.50	0.27110	407362.50	3758137.50	0.27129		
407387.50	3758512.50	0.49224	407387.50	3758487.50	0.47816		
407387.50	3758462.50	0.36421	407387.50	3758437.50	0.35042		
407387.50	3758412.50	0.34302	407387.50	3758387.50	0.33400		
407387.50	3758362.50	0.31914	407387.50	3758337.50	0.30990		
407387.50	3758312.50	0.29623	407387.50	3758287.50	0.28347		
407387.50	3758262.50	0.26977	407387.50	3758237.50	0.25656		
407387.50	3758212.50	0.24378	407387.50	3758187.50	0.22819		
407387.50	3758162.50	0.22591	407387.50	3758137.50	0.22592		
407412.50	3758512.50	0.35324	407412.50	3758487.50	0.34426		
407412.50	3758462.50	0.33126	407412.50	3758437.50	0.31821		
407412.50	3758412.50	0.30982	407412.50	3758387.50	0.30428		
407412.50	3758362.50	0.29428	407412.50	3758337.50	0.28481		
407412.50	3758312.50	0.27754	407412.50	3758287.50	0.26569		
407412.50	3758262.50	0.25482	407412.50	3758237.50	0.24133		
407412.50	3758212.50	0.22793	407412.50	3758187.50	0.21620		
407412.50	3758162.50	0.21045	407412.50	3758137.50	0.20480		
407437.50	3758512.50	0.42489	407437.50	3758487.50	0.41432		
407437.50	3758462.50	0.40899	407437.50	3758437.50	0.30523		
407437.50	3758412.50	0.29168	407437.50	3758387.50	0.28165		
407437.50	3758362.50	0.27231	407437.50	3758337.50	0.26563		
407437.50	3758312.50	0.25901	407437.50	3758287.50	0.25274		
407437.50	3758262.50	0.23895	407437.50	3758237.50	0.22866		
407437.50	3758212.50	0.22253	407437.50	3758187.50	0.21844		
407437.50	3758162.50	0.21280	407437.50	3758137.50	0.20367		
407462.50	3758512.50	0.38436	407462.50	3758487.50	0.38555		
• *** IS CST3 - VERSION 02035 ***		*** WHITTIER MATRIX OIL PROJECT				***	07/29/11
		*** ANALYSIS ANNUAL NOx emissions mitigated				***	12:00:00
**MODELOPTs:		URBAN ELEV FLGPOL		NOCALM		PAGE 67	
CONC							
		*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1				***	
		INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,					
		*** DISCRETE CARTESIAN RECEPTOR POINTS ***					
		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
407462.50	3758462.50	0.37120	407462.50	3758437.50	0.37180		
407462.50	3758412.50	0.27775	407462.50	3758387.50	0.26353		

Appendix B

NOx Annual Emissions Mitigated

407462.50	3758362.50	0.25071	407462.50	3758337.50	0.24524
407462.50	3758312.50	0.24105	407462.50	3758287.50	0.23766
407462.50	3758262.50	0.23050	407462.50	3758237.50	0.21906
407462.50	3758212.50	0.21343	407462.50	3758187.50	0.20918
407462.50	3758162.50	0.20385	407462.50	3758137.50	0.19880
407487.50	3758512.50	0.36623	407487.50	3758487.50	0.33603
407487.50	3758462.50	0.33103	407487.50	3758437.50	0.33869
407487.50	3758412.50	0.26236	407487.50	3758387.50	0.24767
407487.50	3758362.50	0.23609	407487.50	3758337.50	0.22970
407487.50	3758312.50	0.22542	407487.50	3758287.50	0.22282
407487.50	3758262.50	0.21906	407487.50	3758237.50	0.21391
407487.50	3758212.50	0.20888	407487.50	3758187.50	0.20253
407487.50	3758162.50	0.19825	407487.50	3758137.50	0.19418
407512.50	3758512.50	0.28578	407512.50	3758487.50	0.27752
407512.50	3758462.50	0.32908	407512.50	3758437.50	0.26134
407512.50	3758412.50	0.24561	407512.50	3758387.50	0.23359
407512.50	3758362.50	0.22486	407512.50	3758337.50	0.22247
407512.50	3758312.50	0.21803	407512.50	3758287.50	0.21353
407512.50	3758262.50	0.20952	407512.50	3758237.50	0.20433
407512.50	3758212.50	0.20090	407512.50	3758187.50	0.19668
407512.50	3758162.50	0.19302	407512.50	3758137.50	0.18794
407537.50	3758512.50	0.03184	407537.50	3758487.50	0.03098
407537.50	3758462.50	0.03018	407537.50	3758437.50	0.02945
407537.50	3758412.50	0.02878	407537.50	3758387.50	0.02817
407537.50	3758362.50	0.02761	407537.50	3758337.50	0.02710
407537.50	3758312.50	0.02665	407537.50	3758287.50	0.02624
407537.50	3758262.50	0.02588	407537.50	3758237.50	0.02556
407537.50	3758212.50	0.02528	407537.50	3758187.50	0.02504
407537.50	3758162.50	0.02483	407537.50	3758137.50	0.02466
407562.50	3758512.50	0.03260	407562.50	3758487.50	0.03167
407562.50	3758462.50	0.03080	407562.50	3758437.50	0.02999
407562.50	3758412.50	0.02924	407562.50	3758387.50	0.02855
407562.50	3758362.50	0.02792	407562.50	3758337.50	0.02735
407562.50	3758312.50	0.02683	407562.50	3758287.50	0.02637
407562.50	3758262.50	0.02595	407562.50	3758237.50	0.02557
407562.50	3758212.50	0.02524	407562.50	3758187.50	0.02495
407562.50	3758162.50	0.02470	407562.50	3758137.50	0.02448
407587.50	3758512.50	0.03342	407587.50	3758487.50	0.03242

* *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL NOx emissions mitigated

*** 07/29/11
*** 12:00:00
*** PAGE 68

**MODELOPTS:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407587.50	3758462.50	0.03148	407587.50	3758437.50	0.03060
407587.50	3758412.50	0.02979	407587.50	3758387.50	0.02903
407587.50	3758362.50	0.02834	407587.50	3758337.50	0.02770
407587.50	3758312.50	0.02712	407587.50	3758287.50	0.02659
407587.50	3758262.50	0.02612	407587.50	3758237.50	0.02569
407587.50	3758212.50	0.02531	407587.50	3758187.50	0.02497
407587.50	3758162.50	0.02466	407587.50	3758137.50	0.02440
407612.50	3758512.50	0.03425	407612.50	3758487.50	0.03321
407612.50	3758462.50	0.03221	407612.50	3758437.50	0.03128
407612.50	3758412.50	0.03040	407612.50	3758387.50	0.02959
407612.50	3758362.50	0.02883	407612.50	3758337.50	0.02813
407612.50	3758312.50	0.02749	407612.50	3758287.50	0.02691
407612.50	3758262.50	0.02638	407612.50	3758237.50	0.02590
407612.50	3758212.50	0.02546	407612.50	3758187.50	0.02507
407612.50	3758162.50	0.02473	407612.50	3758137.50	0.02442
407637.50	3758512.50	0.03508	407637.50	3758487.50	0.03400
407637.50	3758462.50	0.03298	407637.50	3758437.50	0.03200
407637.50	3758412.50	0.03107	407637.50	3758387.50	0.03020
407637.50	3758362.50	0.02939	407637.50	3758337.50	0.02864
407637.50	3758312.50	0.02794	407637.50	3758287.50	0.02730
407637.50	3758262.50	0.02672	407637.50	3758237.50	0.02619
407637.50	3758212.50	0.02570	407637.50	3758187.50	0.02527
407637.50	3758162.50	0.02487	407637.50	3758137.50	0.02452
407662.50	3758512.50	0.03587	407662.50	3758487.50	0.03479

Appendix B

			NOx Annual Emissions Mitigated			
407662.50	3758462.50	0.03374	407662.50	3758437.50	0.03273	
407662.50	3758412.50	0.03177	407662.50	3758387.50	0.03086	
407662.50	3758362.50	0.03001	407662.50	3758337.50	0.02920	
407662.50	3758312.50	0.02846	407662.50	3758287.50	0.02777	
407662.50	3758262.50	0.02713	407662.50	3758237.50	0.02655	
407662.50	3758212.50	0.02601	407662.50	3758187.50	0.02553	
407662.50	3758162.50	0.02509	407662.50	3758137.50	0.02469	
407687.50	3758512.50	0.03661	407687.50	3758487.50	0.03554	
407687.50	3758462.50	0.03450	407687.50	3758437.50	0.03348	
407687.50	3758412.50	0.03249	407687.50	3758387.50	0.03155	
407687.50	3758362.50	0.03066	407687.50	3758337.50	0.02982	
407687.50	3758312.50	0.02902	407687.50	3758287.50	0.02829	
407687.50	3758262.50	0.02760	407687.50	3758237.50	0.02697	
407687.50	3758212.50	0.02639	407687.50	3758187.50	0.02586	
407687.50	3758162.50	0.02537	407687.50	3758137.50	0.02493	
407712.50	3758512.50	0.03729	407712.50	3758487.50	0.03625	
. *** ISCS3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT ***			07/29/11
			*** ANALYSIS ANNUAL NOx emissions mitigated ***			12:00:00
**MODELOPTs:						PAGE 69
CONC						
URBAN ELEV FLGPOL NOCALM						
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION			VALUES FOR SOURCE GROUP: 1			***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,						
*** DISCRETE CARTESIAN RECEPTOR POINTS ***						
** CONC OF OTHER IN MICROGRAMS/M**3 **						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
407712.50	3758462.50	0.03522	407712.50	3758437.50	0.03420	
407712.50	3758412.50	0.03322	407712.50	3758387.50	0.03226	
407712.50	3758362.50	0.03134	407712.50	3758337.50	0.03047	
407712.50	3758312.50	0.02964	407712.50	3758287.50	0.02886	
407712.50	3758262.50	0.02813	407712.50	3758237.50	0.02745	
407712.50	3758212.50	0.02682	407712.50	3758187.50	0.02624	
407712.50	3758162.50	0.02571	407712.50	3758137.50	0.02523	
407737.50	3758512.50	0.03787	407737.50	3758487.50	0.03688	
407737.50	3758462.50	0.03589	407737.50	3758437.50	0.03490	
407737.50	3758412.50	0.03392	407737.50	3758387.50	0.03297	
407737.50	3758362.50	0.03204	407737.50	3758337.50	0.03115	
407737.50	3758312.50	0.03029	407737.50	3758287.50	0.02948	
407737.50	3758262.50	0.02871	407737.50	3758237.50	0.02799	
407737.50	3758212.50	0.02732	407737.50	3758187.50	0.02669	
407737.50	3758162.50	0.02612	407737.50	3758137.50	0.02559	
407762.50	3758512.50	0.03836	407762.50	3758487.50	0.03743	
407762.50	3758462.50	0.03649	407762.50	3758437.50	0.03555	
407762.50	3758412.50	0.03460	407762.50	3758387.50	0.03366	
407762.50	3758362.50	0.03274	407762.50	3758337.50	0.03184	
407762.50	3758312.50	0.03097	407762.50	3758287.50	0.03013	
407762.50	3758262.50	0.02933	407762.50	3758237.50	0.02858	
407762.50	3758212.50	0.02786	407762.50	3758187.50	0.02720	
407762.50	3758162.50	0.02658	407762.50	3758137.50	0.02601	
407787.50	3758512.50	0.03874	407787.50	3758487.50	0.03789	
407787.50	3758462.50	0.03702	407787.50	3758437.50	0.03613	
407787.50	3758412.50	0.03522	407787.50	3758387.50	0.03432	
407787.50	3758362.50	0.03342	407787.50	3758337.50	0.03253	
407787.50	3758312.50	0.03165	407787.50	3758287.50	0.03081	
407787.50	3758262.50	0.02999	407787.50	3758237.50	0.02921	
407787.50	3758212.50	0.02846	407787.50	3758187.50	0.02776	
407787.50	3758162.50	0.02710	407787.50	3758137.50	0.02648	
407812.50	3758512.50	0.03901	407812.50	3758487.50	0.03825	
407812.50	3758462.50	0.03745	407812.50	3758437.50	0.03663	
407812.50	3758412.50	0.03578	407812.50	3758387.50	0.03493	
407812.50	3758362.50	0.03406	407812.50	3758337.50	0.03320	
407812.50	3758312.50	0.03234	407812.50	3758287.50	0.03149	
407812.50	3758262.50	0.03067	407812.50	3758237.50	0.02987	
407812.50	3758212.50	0.02910	407812.50	3758187.50	0.02837	
407812.50	3758162.50	0.02767	407812.50	3758137.50	0.02701	
407837.50	3758512.50	0.03917	407837.50	3758487.50	0.03850	
. *** ISCS3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT ***			07/29/11
			*** ANALYSIS ANNUAL NOx emissions mitigated ***			12:00:00
**MODELOPTs:						PAGE 70
CONC						
URBAN ELEV FLGPOL NOCALM						
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION			VALUES FOR SOURCE GROUP: 1			***

Appendix B

INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

NOx Annual Emissions Mitigated

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407837.50	3758462.50	0.03779	407837.50	3758437.50	0.03704
407837.50	3758412.50	0.03627	407837.50	3758387.50	0.03547
407837.50	3758362.50	0.03466	407837.50	3758337.50	0.03383
407837.50	3758312.50	0.03300	407837.50	3758287.50	0.03217
407837.50	3758262.50	0.03135	407837.50	3758237.50	0.03055
407837.50	3758212.50	0.02977	407837.50	3758187.50	0.02901
407837.50	3758162.50	0.02829	407837.50	3758137.50	0.02760
407862.50	3758512.50	0.03923	407862.50	3758487.50	0.03865
407862.50	3758462.50	0.03803	407862.50	3758437.50	0.03737
407862.50	3758412.50	0.03667	407862.50	3758387.50	0.03594
407862.50	3758362.50	0.03519	407862.50	3758337.50	0.03441
407862.50	3758312.50	0.03363	407862.50	3758287.50	0.03283
407862.50	3758262.50	0.03203	407862.50	3758237.50	0.03124
407862.50	3758212.50	0.03045	407862.50	3758187.50	0.02969
407862.50	3758162.50	0.02895	407862.50	3758137.50	0.02823
407887.50	3758512.50	0.03919	407887.50	3758487.50	0.03870
407887.50	3758462.50	0.03816	407887.50	3758437.50	0.03759
407887.50	3758412.50	0.03698	407887.50	3758387.50	0.03633
407887.50	3758362.50	0.03564	407887.50	3758337.50	0.03493
407887.50	3758312.50	0.03420	407887.50	3758287.50	0.03345
407887.50	3758262.50	0.03268	407887.50	3758237.50	0.03191
407887.50	3758212.50	0.03114	407887.50	3758187.50	0.03038
407887.50	3758162.50	0.02963	407887.50	3758137.50	0.02890
407912.50	3758512.50	0.03907	407912.50	3758487.50	0.03866
407912.50	3758462.50	0.03821	407912.50	3758437.50	0.03772
407912.50	3758412.50	0.03719	407912.50	3758387.50	0.03662
407912.50	3758362.50	0.03602	407912.50	3758337.50	0.03538
407912.50	3758312.50	0.03471	407912.50	3758287.50	0.03401
407912.50	3758262.50	0.03329	407912.50	3758237.50	0.03255
407912.50	3758212.50	0.03181	407912.50	3758187.50	0.03106
407912.50	3758162.50	0.03032	407912.50	3758137.50	0.02959
407937.50	3758512.50	0.03886	407937.50	3758487.50	0.03853
407937.50	3758462.50	0.03816	407937.50	3758437.50	0.03776
407937.50	3758412.50	0.03731	407937.50	3758387.50	0.03683
407937.50	3758362.50	0.03630	407937.50	3758337.50	0.03574
407937.50	3758312.50	0.03514	407937.50	3758287.50	0.03451
407937.50	3758262.50	0.03384	407937.50	3758237.50	0.03316
407937.50	3758212.50	0.03245	407937.50	3758187.50	0.03173
407937.50	3758162.50	0.03101	407937.50	3758137.50	0.03028
407962.50	3758512.50	0.03860	407962.50	3758487.50	0.03833

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL NOx emissions mitigated

*** 07/29/11
*** 12:00:00
*** PAGE 71

**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407962.50	3758462.50	0.03804	407962.50	3758437.50	0.03771
407962.50	3758412.50	0.03735	407962.50	3758387.50	0.03695
407962.50	3758362.50	0.03650	407962.50	3758337.50	0.03602
407962.50	3758312.50	0.03549	407962.50	3758287.50	0.03493
407962.50	3758262.50	0.03433	407962.50	3758237.50	0.03370
407962.50	3758212.50	0.03304	407962.50	3758187.50	0.03236
407962.50	3758162.50	0.03167	407962.50	3758137.50	0.03097
407987.50	3758512.50	0.03828	407987.50	3758487.50	0.03807
407987.50	3758462.50	0.03785	407987.50	3758437.50	0.03759
407987.50	3758412.50	0.03730	407987.50	3758387.50	0.03698
407987.50	3758362.50	0.03661	407987.50	3758337.50	0.03621
407987.50	3758312.50	0.03576	407987.50	3758287.50	0.03527
407987.50	3758262.50	0.03474	407987.50	3758237.50	0.03417
407987.50	3758212.50	0.03358	407987.50	3758187.50	0.03295

Appendix B

		NOx Annual Emissions Mitigated			
407987.50	3758162.50	0.03230	407987.50	3758137.50	0.03163
408012.50	3758512.50	0.03793	408012.50	3758487.50	0.03777
408012.50	3758462.50	0.03760	408012.50	3758437.50	0.03740
408012.50	3758412.50	0.03718	408012.50	3758387.50	0.03693
408012.50	3758362.50	0.03664	408012.50	3758337.50	0.03631
408012.50	3758312.50	0.03594	408012.50	3758287.50	0.03553
408012.50	3758262.50	0.03507	408012.50	3758237.50	0.03457
408012.50	3758212.50	0.03404	408012.50	3758187.50	0.03347
408012.50	3758162.50	0.03287	408012.50	3758137.50	0.03224
408037.50	3758512.50	0.03756	408037.50	3758487.50	0.03743
408037.50	3758462.50	0.03730	408037.50	3758437.50	0.03716
408037.50	3758412.50	0.03700	408037.50	3758387.50	0.03681
408037.50	3758362.50	0.03659	408037.50	3758337.50	0.03634
408037.50	3758312.50	0.03604	408037.50	3758287.50	0.03570
408037.50	3758262.50	0.03532	408037.50	3758237.50	0.03489
408037.50	3758212.50	0.03443	408037.50	3758187.50	0.03392
408037.50	3758162.50	0.03338	408037.50	3758137.50	0.03280
408062.50	3758512.50	0.03717	408062.50	3758487.50	0.03707
408062.50	3758462.50	0.03697	408062.50	3758437.50	0.03688
408062.50	3758412.50	0.03677	408062.50	3758387.50	0.03664
408062.50	3758362.50	0.03648	408062.50	3758337.50	0.03629
408062.50	3758312.50	0.03606	408062.50	3758287.50	0.03579
408062.50	3758262.50	0.03548	408062.50	3758237.50	0.03513
408062.50	3758212.50	0.03474	408062.50	3758187.50	0.03430
408062.50	3758162.50	0.03382	408062.50	3758137.50	0.03330
408087.50	3758512.50	0.03679	408087.50	3758487.50	0.03670
* *** ISCST3 - VERSION 02035 ***					
		*** WHITTIER MATRIX OIL PROJECT			*** 07/29/11
		*** ANALYSIS ANNUAL NOx emissions mitigated			*** 12:00:00
**MODELOPTs:					
CONC	URBAN ELEV	FLGPOL	NOCALM		PAGE 72
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***					
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,					
*** DISCRETE CARTESIAN RECEPTOR POINTS ***					
** CONC OF OTHER IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
408087.50	3758462.50	0.03662	408087.50	3758437.50	0.03656
408087.50	3758412.50	0.03649	408087.50	3758387.50	0.03641
408087.50	3758362.50	0.03630	408087.50	3758337.50	0.03617
408087.50	3758312.50	0.03601	408087.50	3758287.50	0.03581
408087.50	3758262.50	0.03557	408087.50	3758237.50	0.03529
408087.50	3758212.50	0.03496	408087.50	3758187.50	0.03459
408087.50	3758162.50	0.03418	408087.50	3758137.50	0.03373
408112.50	3758512.50	0.03641	408112.50	3758487.50	0.03633
408112.50	3758462.50	0.03626	408112.50	3758437.50	0.03622
408112.50	3758412.50	0.03618	408112.50	3758387.50	0.03614
408112.50	3758362.50	0.03608	408112.50	3758337.50	0.03600
408112.50	3758312.50	0.03590	408112.50	3758287.50	0.03576
408112.50	3758262.50	0.03558	408112.50	3758237.50	0.03537
408112.50	3758212.50	0.03511	408112.50	3758187.50	0.03481
408112.50	3758162.50	0.03447	408112.50	3758137.50	0.03408
405962.50	3758562.50	0.19680	406012.50	3758562.50	0.21083
406062.50	3758562.50	0.22331	406112.50	3758562.50	0.23769
406162.50	3758562.50	0.25170	406212.50	3758562.50	0.26778
406262.50	3758562.50	0.28488	406312.50	3758562.50	0.29950
406362.50	3758562.50	0.30876	406412.50	3758562.50	0.31972
406462.50	3758562.50	0.32502	405962.50	3760012.50	0.33919
405962.50	3759962.50	0.34594	405962.50	3759912.50	0.36309
405962.50	3759862.50	0.36948	405962.50	3759812.50	0.39422
405962.50	3759762.50	0.44097	405962.50	3759712.50	0.49932
405962.50	3759662.50	0.62538	405962.50	3759612.50	0.68281
405962.50	3759562.50	0.78142	405962.50	3759512.50	0.85733
405962.50	3759462.50	0.88694	405962.50	3759412.50	0.92653
405962.50	3759362.50	0.75985	405962.50	3759312.50	0.69408
405962.50	3759262.50	0.60702	405962.50	3759212.50	0.52371
405962.50	3759162.50	0.47349	405962.50	3759112.50	0.41516
405962.50	3759062.50	0.35335	405962.50	3759012.50	0.30442
405962.50	3758962.50	0.26725	405962.50	3758912.50	0.23939
405962.50	3758862.50	0.22414	405962.50	3758812.50	0.21513
405962.50	3758762.50	0.20760	405962.50	3758712.50	0.20458
405962.50	3758662.50	0.20165	405962.50	3758612.50	0.20091
406012.50	3760012.50	0.35731	406012.50	3759962.50	0.37897

Appendix B

406012.50	3759912.50	0.39794	406012.50	3759862.50	0.40329
406012.50	3759812.50	0.41521	406012.50	3759762.50	0.45165
406012.50	3759712.50	0.50574	406012.50	3759662.50	0.60777
406012.50	3759612.50	0.73152	406012.50	3759562.50	0.81370

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions mitigated *** 12:00:00
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 73
 CONC

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406012.50	3759512.50	0.90783	406012.50	3759462.50	0.94264
406012.50	3759412.50	0.82274	406012.50	3759362.50	0.79675
406012.50	3759312.50	0.73325	406012.50	3759262.50	0.66291
406012.50	3759212.50	0.55046	406012.50	3759162.50	0.50157
406012.50	3759112.50	0.43647	406012.50	3759062.50	0.36806
406012.50	3759012.50	0.31354	406012.50	3758962.50	0.28011
406012.50	3758912.50	0.25374	406012.50	3758862.50	0.23545
406012.50	3758812.50	0.22675	406012.50	3758762.50	0.22292
406012.50	3758712.50	0.21838	406012.50	3758662.50	0.21471
406012.50	3758612.50	0.21255	406062.50	3760012.50	0.38960
406062.50	3759812.50	0.46190	406062.50	3759762.50	0.56016
406062.50	3759712.50	0.56464	406062.50	3759662.50	0.68553
406062.50	3759612.50	0.75230	406062.50	3759562.50	0.69215
406062.50	3759512.50	0.74287	406062.50	3759462.50	0.79887
406062.50	3759412.50	0.80317	406062.50	3759362.50	0.76913
406062.50	3759312.50	0.74270	406062.50	3759262.50	0.64304
406062.50	3759212.50	0.59952	406062.50	3759162.50	0.53557
406062.50	3759112.50	0.46035	406062.50	3759062.50	0.38825
406062.50	3759012.50	0.33185	406062.50	3758962.50	0.29505
406062.50	3758912.50	0.26841	406062.50	3758862.50	0.25258
406062.50	3758812.50	0.24511	406062.50	3758762.50	0.23845
406062.50	3758712.50	0.23417	406062.50	3758662.50	0.22980
406062.50	3758612.50	0.22772	406112.50	3760012.50	0.43716
406112.50	3759812.50	0.43816	406112.50	3759762.50	0.45659
406112.50	3759712.50	0.48550	406112.50	3759662.50	0.52897
406112.50	3759612.50	0.59458	406112.50	3759562.50	0.67832
406112.50	3759512.50	0.76471	406112.50	3759462.50	0.76519
406112.50	3759412.50	0.78148	406112.50	3759362.50	0.78324
406112.50	3759312.50	0.77236	406112.50	3759262.50	0.73127
406112.50	3759212.50	0.65252	406112.50	3759162.50	0.57402
406112.50	3759112.50	0.48791	406112.50	3759062.50	0.40788
406112.50	3759012.50	0.35322	406112.50	3758962.50	0.31142
406112.50	3758912.50	0.28815	406112.50	3758862.50	0.27526
406112.50	3758812.50	0.26493	406112.50	3758762.50	0.25807
406112.50	3758712.50	0.25317	406112.50	3758662.50	0.24762
406112.50	3758612.50	0.24214	406162.50	3760012.50	0.57088
406162.50	3759812.50	0.59861	406162.50	3759462.50	0.85420
406162.50	3759412.50	0.94668	406162.50	3759362.50	0.94558
406162.50	3759312.50	0.92400	406162.50	3759262.50	0.80808
406162.50	3759212.50	0.71239	406162.50	3759162.50	0.61499

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions mitigated *** 12:00:00
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 74
 CONC

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406162.50	3759112.50	0.51532	406162.50	3759062.50	0.42922
406162.50	3759012.50	0.37131	406162.50	3758962.50	0.33593
406162.50	3758912.50	0.30866	406162.50	3758862.50	0.29711
406162.50	3758812.50	0.28748	406162.50	3758762.50	0.27783

Appendix B

NOx Annual Emissions Mitigated

Table with 6 columns: X-COORD (M), Y-COORD (M), CONC, X-COORD (M), Y-COORD (M), CONC. It lists NOx annual emissions mitigated for various source coordinates, with values ranging from 0.27110 to 1.42807.

• *** ICST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL NOx emissions mitigated

*** 07/29/11
*** 12:00:00
*** PAGE 75

**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 6 columns: X-COORD (M), Y-COORD (M), CONC, X-COORD (M), Y-COORD (M), CONC. It lists discrete Cartesian receptor points and their corresponding NOx concentrations in micrograms per cubic meter, with values ranging from 0.27567 to 1.57320.

Appendix B

			NOx Annual Emissions Mitigated				
406562.50	3758862.50	0.57599	406562.50	3758812.50	0.54620		
406562.50	3758762.50	0.50089	406562.50	3758712.50	0.45561		
406562.50	3758662.50	0.40919	406562.50	3758612.50	0.36360		
406587.50	3758562.50	0.31204	406612.50	3759212.50	1.46594		
406612.50	3759162.50	1.04744	406612.50	3759112.50	0.84341		
406612.50	3759062.50	0.76748	406612.50	3759012.50	0.70029		
406612.50	3758962.50	0.70296	406612.50	3758912.50	0.69048		
406612.50	3758862.50	0.64858	406612.50	3758812.50	0.58406		
406612.50	3758762.50	0.51871	406612.50	3758712.50	0.46152		
406612.50	3758662.50	0.40492	406637.50	3758562.50	0.28554		
406662.50	3759162.50	1.13013	406662.50	3759112.50	0.92305		
406662.50	3759062.50	0.89136	406662.50	3759012.50	0.83301		
406662.50	3758962.50	0.83664	406662.50	3758912.50	0.78133		
406662.50	3758862.50	0.69595	406662.50	3758812.50	0.60400		
• *** ISCST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			***	07/29/11
MODELOPTs:			* ANALYSIS ANNUAL NOx emissions mitigated			***	12:00:00
CONC			URBAN ELEV FLGPOL NOCALM			PAGE 76	
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1						***	
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,							
*** DISCRETE CARTESIAN RECEPTOR POINTS ***							
** CONC OF OTHER IN MICROGRAMS/M**3 **							
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
406662.50	3758762.50	0.51646	406662.50	3758712.50	0.44345		
406687.50	3758562.50	0.26674	406712.50	3759162.50	1.21104		
406712.50	3759112.50	1.07181	406712.50	3759062.50	1.19305		
406712.50	3759012.50	1.08566	406712.50	3758962.50	0.99583		
406712.50	3758912.50	0.82962	406712.50	3758862.50	0.69062		
406712.50	3758612.50	0.31288	406737.50	3758562.50	0.25070		
406762.50	3759062.50	1.64751	406762.50	3759012.50	1.29998		
406762.50	3758962.50	1.04149	406762.50	3758912.50	0.81416		
406762.50	3758662.50	0.34519	406762.50	3758612.50	0.28660		
406787.50	3758562.50	0.24676	406812.50	3759012.50	1.45858		
406812.50	3758962.50	1.02597	406812.50	3758712.50	0.38633		
406812.50	3758662.50	0.32894	406812.50	3758612.50	0.28650		
406837.50	3758562.50	0.22967	406862.50	3758762.50	0.43399		
406862.50	3758712.50	0.38005	406862.50	3758662.50	0.33030		
406862.50	3758612.50	0.28063	406887.50	3758562.50	0.27643		
406912.50	3758762.50	0.44581	406912.50	3758712.50	0.38316		
406912.50	3758662.50	0.33651	406912.50	3758612.50	0.28289		
406937.50	3758562.50	0.31442	406962.50	3758762.50	0.48530		
406962.50	3758712.50	0.41897	406962.50	3758662.50	0.36618		
406962.50	3758612.50	0.34289	406987.50	3758562.50	0.38804		
407012.50	3758712.50	0.49936	407012.50	3758662.50	0.40446		
407012.50	3758612.50	0.41158	407037.50	3758562.50	0.46276		
407062.50	3758662.50	0.45836	407062.50	3758612.50	0.50533		
407087.50	3758562.50	0.52726	407112.50	3758662.50	0.57357		
407112.50	3758612.50	0.58021	407137.50	3758562.50	0.57450		
407162.50	3758662.50	0.68158	407162.50	3758612.50	0.61404		
407187.50	3758562.50	0.63161	407212.50	3758662.50	0.69396		
407212.50	3758612.50	0.66381	407237.50	3758562.50	0.62696		
407262.50	3758662.50	0.63980	407262.50	3758612.50	0.60218		
407287.50	3758562.50	0.53812	407312.50	3758662.50	0.54866		
407312.50	3758612.50	0.51663	407337.50	3758562.50	0.46172		
407362.50	3758662.50	0.47353	407362.50	3758612.50	0.44269		
407387.50	3758562.50	0.39554	407412.50	3758662.50	0.42564		
407412.50	3758612.50	0.49504	407437.50	3758562.50	0.43384		
407462.50	3758662.50	0.52018	407462.50	3758612.50	0.46404		
407487.50	3758562.50	0.41518	407512.50	3758662.50	0.39349		
407512.50	3758612.50	0.33480	407537.50	3758562.50	0.03373		
407562.50	3758662.50	0.03925	407562.50	3758612.50	0.03689		
407587.50	3758562.50	0.03557	407612.50	3758662.50	0.04118		
407612.50	3758612.50	0.03881	407637.50	3758562.50	0.03732		
• *** ISCST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			***	07/29/11
MODELOPTs:			* ANALYSIS ANNUAL NOx emissions mitigated			***	12:00:00
CONC			URBAN ELEV FLGPOL NOCALM			PAGE 77	
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1						***	
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,							

Appendix B

NOx Annual Emissions Mitigated

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
407662.50	3758612.50	0.04034	407687.50	3758562.50	0.03878	
407712.50	3758612.50	0.04133	407737.50	3758562.50	0.03980	
407762.50	3758612.50	0.04176	407787.50	3758562.50	0.04034	
407812.50	3758612.50	0.04167	407837.50	3758562.50	0.04040	
407862.50	3758612.50	0.04118	407887.50	3758562.50	0.04007	
407912.50	3758612.50	0.04042	407937.50	3758562.50	0.03945	
407962.50	3758612.50	0.03955	407987.50	3758562.50	0.03867	
408012.50	3758612.50	0.03868	408037.50	3758562.50	0.03785	
408062.50	3758612.50	0.03789	408087.50	3758562.50	0.03707	
408112.50	3758612.50	0.03724	405962.50	3758537.50	0.19537	
405987.50	3758562.50	0.20390	406037.50	3758562.50	0.21660	
406087.50	3758562.50	0.22931	406137.50	3758562.50	0.24570	
406187.50	3758562.50	0.25885	406237.50	3758562.50	0.27721	
406287.50	3758562.50	0.29320	406337.50	3758562.50	0.30590	
406387.50	3758562.50	0.31366	406437.50	3758562.50	0.32389	
406487.50	3758562.50	0.32807	406537.50	3758537.50	0.30533	
406587.50	3758537.50	0.29159	406637.50	3758537.50	0.26423	
406687.50	3758537.50	0.24637	406737.50	3758537.50	0.23037	
406787.50	3758537.50	0.22517	406837.50	3758537.50	0.23459	
406887.50	3758537.50	0.26367	406937.50	3758537.50	0.30638	
406987.50	3758537.50	0.38708	407037.50	3758537.50	0.45164	
407087.50	3758537.50	0.51827	407137.50	3758537.50	0.57192	
407187.50	3758537.50	0.64078	407237.50	3758537.50	0.61575	
407287.50	3758537.50	0.54622	407337.50	3758537.50	0.46103	
407387.50	3758537.50	0.38512	407437.50	3758537.50	0.43134	
407487.50	3758537.50	0.38988	407537.50	3758537.50	0.03275	
407587.50	3758537.50	0.03447	407637.50	3758537.50	0.03619	
407687.50	3758537.50	0.03769	407737.50	3758537.50	0.03885	
407787.50	3758537.50	0.03956	407837.50	3758537.50	0.03981	
407887.50	3758537.50	0.03965	407937.50	3758537.50	0.03917	
407987.50	3758537.50	0.03848	408037.50	3758537.50	0.03769	
408087.50	3758537.50	0.03691	405962.50	3759987.50	0.33947	
405962.50	3759937.50	0.35682	405962.50	3759887.50	0.36484	
405962.50	3759837.50	0.38286	405962.50	3759787.50	0.41553	
405962.50	3759737.50	0.46433	405962.50	3759687.50	0.54162	
405962.50	3759637.50	0.65331	405962.50	3759587.50	0.74366	
405962.50	3759537.50	0.81979	405962.50	3759487.50	0.86970	
405962.50	3759437.50	0.91757	405962.50	3759387.50	0.78314	
405962.50	3759337.50	0.72578	405962.50	3759287.50	0.64598	
405962.50	3759237.50	0.56565	405962.50	3759187.50	0.49652	

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL NOx emissions mitigated

*** 07/29/11
 *** 12:00:00
 *** PAGE 78

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
405962.50	3759137.50	0.44809	405962.50	3759087.50	0.38798	
405962.50	3759037.50	0.32609	405962.50	3758987.50	0.28437	
405962.50	3758937.50	0.25211	405962.50	3758887.50	0.23287	
405962.50	3758837.50	0.21956	405962.50	3758787.50	0.21149	
405962.50	3758737.50	0.20642	405962.50	3758687.50	0.20293	
405962.50	3758637.50	0.19957	406012.50	3759987.50	0.36657	
406012.50	3759937.50	0.38516	406012.50	3759887.50	0.40171	
406012.50	3759837.50	0.40561	406012.50	3759787.50	0.43109	
406012.50	3759737.50	0.48203	406012.50	3759687.50	0.55796	
406012.50	3759637.50	0.67812	406012.50	3759587.50	0.77110	
406012.50	3759537.50	0.86247	406012.50	3759487.50	0.92897	
406012.50	3759437.50	0.82105	406012.50	3759387.50	0.82413	
406012.50	3759337.50	0.76768	406012.50	3759287.50	0.69757	
406012.50	3759237.50	0.60560	406012.50	3759187.50	0.52628	
406012.50	3759137.50	0.47098	406012.50	3759087.50	0.40205	
406012.50	3759037.50	0.33717	406012.50	3758987.50	0.29781	

Appendix B

				NOx Annual Emissions Mitigated	
406012.50	3758937.50	0.26585	406012.50	3758887.50	0.24417
406012.50	3758837.50	0.22840	406012.50	3758787.50	0.22504
406012.50	3758737.50	0.22021	406012.50	3758687.50	0.21651
406012.50	3758637.50	0.21363	406062.50	3759987.50	0.40272
406062.50	3759837.50	0.44478	406062.50	3759787.50	0.46014
406062.50	3759737.50	0.58925	406062.50	3759687.50	0.58526
406062.50	3759637.50	0.70568	406062.50	3759587.50	0.80431
406062.50	3759537.50	0.71626	406062.50	3759487.50	0.77108
406062.50	3759437.50	0.80074	406062.50	3759387.50	0.78544
406062.50	3759337.50	0.75151	406062.50	3759287.50	0.70948
406062.50	3759237.50	0.62206	406062.50	3759187.50	0.57071
406062.50	3759137.50	0.49824	406062.50	3759087.50	0.42289
406062.50	3759037.50	0.35706	406062.50	3758987.50	0.31300
406062.50	3758937.50	0.27636	406062.50	3758887.50	0.25877
406062.50	3758837.50	0.24675	406062.50	3758787.50	0.24026
406062.50	3758737.50	0.23687	406062.50	3758687.50	0.23154
406062.50	3758637.50	0.23046	406112.50	3759987.50	0.43936
406112.50	3759837.50	0.43525	406112.50	3759787.50	0.44667
406112.50	3759737.50	0.46661	406112.50	3759687.50	0.50575
406112.50	3759637.50	0.55695	406112.50	3759587.50	0.63735
406112.50	3759537.50	0.72456	406112.50	3759487.50	0.77706
406112.50	3759437.50	0.77600	406112.50	3759387.50	0.77657
406112.50	3759337.50	0.79176	406112.50	3759287.50	0.76450
406112.50	3759237.50	0.68705	406112.50	3759187.50	0.61642

• *** IS CST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL NOx emissions mitigated

*** 07/29/11
 *** 12:00:00
 *** PAGE 79

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406112.50	3759137.50	0.52995	406112.50	3759087.50	0.44540
406112.50	3759037.50	0.37665	406112.50	3758987.50	0.33080
406112.50	3758937.50	0.29649	406112.50	3758887.50	0.27913
406112.50	3758837.50	0.26949	406112.50	3758787.50	0.26203
406112.50	3758737.50	0.25421	406112.50	3758687.50	0.25202
406112.50	3758637.50	0.24583	406162.50	3759987.50	0.57826
406162.50	3759837.50	0.59557	406162.50	3759787.50	0.60354
406162.50	3759437.50	0.90057	406162.50	3759387.50	0.95307
406162.50	3759337.50	0.94927	406162.50	3759287.50	0.86719
406162.50	3759237.50	0.75896	406162.50	3759187.50	0.66420
406162.50	3759137.50	0.56392	406162.50	3759087.50	0.46968
406162.50	3759037.50	0.39703	406162.50	3758987.50	0.35185
406162.50	3758937.50	0.31894	406162.50	3758887.50	0.30205
406162.50	3758837.50	0.29326	406162.50	3758787.50	0.28222
406162.50	3758737.50	0.27189	406162.50	3758687.50	0.27005
406162.50	3758637.50	0.26192	406212.50	3759437.50	1.28493
406212.50	3759387.50	1.11931	406212.50	3759337.50	1.06034
406212.50	3759287.50	0.96311	406212.50	3759237.50	0.82905
406212.50	3759187.50	0.71444	406212.50	3759137.50	0.60090
406212.50	3759087.50	0.49594	406212.50	3759037.50	0.41819
406212.50	3758987.50	0.37052	406212.50	3758937.50	0.34436
406212.50	3758887.50	0.32485	406212.50	3758837.50	0.31282
406212.50	3758787.50	0.30489	406212.50	3758737.50	0.29262
406212.50	3758687.50	0.28918	406212.50	3758637.50	0.28321
406262.50	3759437.50	1.39818	406262.50	3759387.50	1.24167
406262.50	3759337.50	1.13740	406262.50	3759287.50	1.05191
406262.50	3759237.50	0.92314	406262.50	3759187.50	0.77296
406262.50	3759137.50	0.63015	406262.50	3759087.50	0.51660
406262.50	3759037.50	0.43801	406262.50	3758987.50	0.38631
406262.50	3758937.50	0.36357	406262.50	3758887.50	0.34545
406262.50	3758837.50	0.33572	406262.50	3758787.50	0.33004
406262.50	3758737.50	0.31490	406262.50	3758687.50	0.30901
406262.50	3758637.50	0.29992	406312.50	3759437.50	1.53283
406312.50	3759387.50	1.63897	406312.50	3759337.50	1.30259
406312.50	3759287.50	1.17063	406312.50	3759237.50	1.01339
406312.50	3759187.50	0.82420	406312.50	3759137.50	0.66038
406312.50	3759087.50	0.52936	406312.50	3759037.50	0.45334
406312.50	3758987.50	0.40558	406312.50	3758937.50	0.37885

Appendix B

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406312.50 3758887.50 0.36866 NOx Annual Emissions Mitigated
406312.50 3758787.50 0.35061 406312.50 3758837.50 0.36009
. *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS ANNUAL NOx emissions mitigated *** 12:00:00
**MODELOPTs: ** PAGE 80
CONC URBAN ELEV FLGPOL NOCALM

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*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406312.50	3758687.50	0.32884	406312.50	3758637.50	0.31725
406362.50	3759437.50	1.41255	406362.50	3759387.50	1.47747
406362.50	3759337.50	1.42186	406362.50	3759287.50	1.25567
406362.50	3759237.50	1.08613	406362.50	3759187.50	0.87871
406362.50	3759137.50	0.69253	406362.50	3759087.50	0.55421
406362.50	3759037.50	0.47260	406362.50	3758987.50	0.42927
406362.50	3758937.50	0.41275	406362.50	3758887.50	0.39210
406362.50	3758837.50	0.37647	406362.50	3758787.50	0.37146
406362.50	3758737.50	0.36403	406362.50	3758687.50	0.35453
406362.50	3758637.50	0.33586	406412.50	3759337.50	1.46863
406412.50	3759287.50	1.34865	406412.50	3759237.50	1.18638
406412.50	3759187.50	0.93728	406412.50	3759137.50	0.71257
406412.50	3759087.50	0.57212	406412.50	3759037.50	0.49637
406412.50	3758987.50	0.46760	406412.50	3758937.50	0.44625
406412.50	3758887.50	0.41325	406412.50	3758837.50	0.40047
406412.50	3758787.50	0.39401	406412.50	3758737.50	0.39259
406412.50	3758687.50	0.37895	406412.50	3758637.50	0.35614
406462.50	3759287.50	1.50250	406462.50	3759237.50	1.27417
406462.50	3759187.50	0.97848	406462.50	3759137.50	0.73163
406462.50	3759087.50	0.58091	406462.50	3759037.50	0.52615
406462.50	3758987.50	0.50275	406462.50	3758937.50	0.48934
406462.50	3758887.50	0.45557	406462.50	3758837.50	0.42651
406462.50	3758787.50	0.43030	406462.50	3758737.50	0.41583
406462.50	3758687.50	0.40133	406462.50	3758637.50	0.36581
406512.50	3759287.50	1.68668	406512.50	3759237.50	1.36887
406512.50	3759187.50	1.00025	406512.50	3759137.50	0.75800
406512.50	3759087.50	0.63839	406512.50	3759037.50	0.58180
406512.50	3758987.50	0.55732	406512.50	3758937.50	0.53774
406512.50	3758887.50	0.50720	406512.50	3758837.50	0.50438
406512.50	3758787.50	0.47644	406512.50	3758737.50	0.45205
406512.50	3758687.50	0.41544	406512.50	3758637.50	0.37992
406562.50	3759237.50	1.51005	406562.50	3759187.50	1.10629
406562.50	3759137.50	0.81946	406562.50	3759087.50	0.70256
406562.50	3759037.50	0.65982	406562.50	3758987.50	0.62246
406562.50	3758937.50	0.57295	406562.50	3758887.50	0.56954
406562.50	3758837.50	0.56426	406562.50	3758787.50	0.52110
406562.50	3758737.50	0.48293	406562.50	3758687.50	0.43163
406562.50	3758637.50	0.38733	406562.50	3758587.50	0.34053
406612.50	3759187.50	1.21743	406612.50	3759137.50	0.91524
406612.50	3759087.50	0.79693	406612.50	3759037.50	0.72257

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. *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS ANNUAL NOx emissions mitigated *** 12:00:00
**MODELOPTs: ** PAGE 81
CONC URBAN ELEV FLGPOL NOCALM

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*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406612.50	3758987.50	0.69719	406612.50	3758937.50	0.70187
406612.50	3758887.50	0.67813	406612.50	3758837.50	0.61829
406612.50	3758787.50	0.54675	406612.50	3758737.50	0.49166
406612.50	3758687.50	0.43890	406612.50	3758637.50	0.37294
406612.50	3758587.50	0.32150	406662.50	3759187.50	1.33133
406662.50	3759137.50	0.99969	406662.50	3759087.50	0.90376

Appendix B

NOx Annual Emissions Mitigated

406662.50	3759037.50	0.85239	406662.50	3758987.50	0.83998
406662.50	3758937.50	0.82332	406662.50	3758887.50	0.73138
406662.50	3758837.50	0.65572	406662.50	3758787.50	0.55572
406662.50	3758737.50	0.47929	406712.50	3759137.50	1.10153
406712.50	3759087.50	1.12446	406712.50	3759037.50	1.11041
406712.50	3758987.50	1.03643	406712.50	3758937.50	0.92990
406712.50	3758887.50	0.75282	406712.50	3758587.50	0.28510
406762.50	3759037.50	1.45802	406762.50	3758987.50	1.18095
406762.50	3758937.50	0.91573	406762.50	3758687.50	0.36383
406762.50	3758637.50	0.31101	406762.50	3758587.50	0.26587
406812.50	3758987.50	1.22946	406812.50	3758687.50	0.35830
406812.50	3758637.50	0.29946	406812.50	3758587.50	0.26922
406862.50	3758737.50	0.40654	406862.50	3758687.50	0.35728
406862.50	3758637.50	0.30652	406862.50	3758587.50	0.23743
406912.50	3758787.50	0.48112	406912.50	3758737.50	0.40546
406912.50	3758687.50	0.35705	406912.50	3758637.50	0.31605
406912.50	3758587.50	0.29520	406962.50	3758737.50	0.44458
406962.50	3758687.50	0.39612	406962.50	3758637.50	0.33958
406962.50	3758587.50	0.34539	407012.50	3758687.50	0.45039
407012.50	3758637.50	0.39647	407012.50	3758587.50	0.42014
407062.50	3758687.50	0.49239	407062.50	3758637.50	0.49047
407062.50	3758587.50	0.50289	407112.50	3758637.50	0.58751
407112.50	3758587.50	0.56890	407162.50	3758637.50	0.63755
407162.50	3758587.50	0.59161	407212.50	3758637.50	0.65894
407212.50	3758587.50	0.65724	407262.50	3758637.50	0.62085
407262.50	3758587.50	0.59251	407312.50	3758637.50	0.53583
407312.50	3758587.50	0.50481	407362.50	3758637.50	0.45409
407362.50	3758587.50	0.43221	407412.50	3758637.50	0.49726
407412.50	3758587.50	0.49095	407462.50	3758637.50	0.49031
407462.50	3758587.50	0.42863	407512.50	3758637.50	0.36206
407512.50	3758587.50	0.31801	407562.50	3758637.50	0.03806
407562.50	3758587.50	0.03575	407612.50	3758637.50	0.04000
407612.50	3758587.50	0.03763	407662.50	3758637.50	0.04144
407662.50	3758587.50	0.03922	407712.50	3758637.50	0.04227
. *** ICST3 - VERSION 02035 ***		*** WHITTIER MATRIX OIL PROJECT	*** ANALYSIS ANNUAL NOx emissions mitigated		*** 07/29/11
**MODELOPTs:					12:00:00
CONC		URBAN ELEV	FLGPOL	NOCALM	PAGE 82
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***					
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,					
*** DISCRETE CARTESIAN RECEPTOR POINTS ***					
** CONC OF OTHER IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407712.50	3758587.50	0.04036	407762.50	3758637.50	0.04250
407762.50	3758587.50	0.04097	407812.50	3758637.50	0.04222
407812.50	3758587.50	0.04107	407862.50	3758637.50	0.04158
407862.50	3758587.50	0.04074	407912.50	3758637.50	0.04073
407912.50	3758587.50	0.04011	407962.50	3758637.50	0.03982
407962.50	3758587.50	0.03931	408012.50	3758637.50	0.03895
408012.50	3758587.50	0.03845	408062.50	3758637.50	0.03819
408062.50	3758587.50	0.03764	408112.50	3758637.50	0.03760
408112.50	3758587.50	0.03695	405987.50	3758537.50	0.20162
406012.50	3758537.50	0.20903	406037.50	3758537.50	0.21581
406062.50	3758537.50	0.22089	406087.50	3758537.50	0.22871
406112.50	3758537.50	0.23384	406137.50	3758537.50	0.24063
406162.50	3758537.50	0.24834	406187.50	3758537.50	0.25520
406212.50	3758537.50	0.26362	406237.50	3758537.50	0.27024
406262.50	3758537.50	0.27845	406287.50	3758537.50	0.28527
406312.50	3758537.50	0.29196	406337.50	3758537.50	0.29712
406362.50	3758537.50	0.29921	406387.50	3758537.50	0.30359
406412.50	3758537.50	0.30471	406437.50	3758537.50	0.30937
406462.50	3758537.50	0.31310	406487.50	3758537.50	0.31020
406512.50	3758537.50	0.31151	406562.50	3758537.50	0.29727
406612.50	3758537.50	0.28138	406662.50	3758537.50	0.25239
406712.50	3758537.50	0.23708	406762.50	3758537.50	0.22194
406812.50	3758537.50	0.22631	406862.50	3758537.50	0.24200
406912.50	3758537.50	0.28320	406962.50	3758537.50	0.34493
407012.50	3758537.50	0.42486	407062.50	3758537.50	0.48370
407112.50	3758537.50	0.55059	407162.50	3758537.50	0.58013
407212.50	3758537.50	0.64711	407262.50	3758537.50	0.58265
407312.50	3758537.50	0.51154	407362.50	3758537.50	0.41734

Appendix B

			NOx Annual Emissions Mitigated		
407412.50	3758537.50	0.36231	407462.50	3758537.50	0.38693
407512.50	3758537.50	0.29442	407562.50	3758537.50	0.03360
407612.50	3758537.50	0.03534	407662.50	3758537.50	0.03698
407712.50	3758537.50	0.03832	407762.50	3758537.50	0.03926
407812.50	3758537.50	0.03974	407862.50	3758537.50	0.03977
407912.50	3758537.50	0.03944	407962.50	3758537.50	0.03884
408012.50	3758537.50	0.03809	408062.50	3758537.50	0.03729
408112.50	3758537.50	0.03654	405962.50	3758587.50	0.19895
406012.50	3758587.50	0.21143	406062.50	3758587.50	0.22458
406112.50	3758587.50	0.23821	406162.50	3758587.50	0.25621
406212.50	3758587.50	0.27461	406262.50	3758587.50	0.28941
406312.50	3758587.50	0.30651	406362.50	3758587.50	0.31669
• *** ISCST3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT		***		07/29/11
MODELOPTs:	* ANALYSIS ANNUAL NOx emissions mitigated		***		12:00:00
CONC	URBAN ELEV FLGPOL			NOCALM	PAGE 83

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406412.50	3758587.50	0.32921	406462.50	3758587.50	0.34141
406512.50	3758587.50	0.34413	405987.50	3760012.50	0.34285
405987.50	3759962.50	0.35961	405987.50	3759912.50	0.37362
405987.50	3759862.50	0.38432	405987.50	3759812.50	0.40327
405987.50	3759762.50	0.44319	405987.50	3759712.50	0.50316
405987.50	3759662.50	0.63140	405987.50	3759612.50	0.70158
405987.50	3759562.50	0.79755	405987.50	3759512.50	0.88286
405987.50	3759462.50	0.91628	405987.50	3759412.50	0.95545
405987.50	3759362.50	0.78359	405987.50	3759312.50	0.72129
405987.50	3759262.50	0.64242	405987.50	3759212.50	0.53243
405987.50	3759162.50	0.48554	405987.50	3759112.50	0.42613
405987.50	3759062.50	0.36102	405987.50	3759012.50	0.30817
405987.50	3758962.50	0.27416	405987.50	3758912.50	0.24722
405987.50	3758862.50	0.23068	405987.50	3758812.50	0.21967
405987.50	3758762.50	0.21495	405987.50	3758712.50	0.21094
405987.50	3758662.50	0.20769	406037.50	3760012.50	0.37303
406037.50	3759812.50	0.43185	406037.50	3759762.50	0.47083
406037.50	3759712.50	0.52634	406037.50	3759662.50	0.67096
406037.50	3759612.50	0.73724	406037.50	3759562.50	0.83194
406037.50	3759512.50	0.92739	406037.50	3759462.50	0.78295
406037.50	3759412.50	0.81169	406037.50	3759362.50	0.77954
406037.50	3759312.50	0.75421	406037.50	3759262.50	0.64563
406037.50	3759212.50	0.58267	406037.50	3759162.50	0.51738
406037.50	3759112.50	0.44770	406037.50	3759062.50	0.37849
406037.50	3759012.50	0.32643	406037.50	3758962.50	0.28860
406037.50	3758912.50	0.26122	406037.50	3758862.50	0.24216
406037.50	3758812.50	0.23682	406037.50	3758762.50	0.23143
406037.50	3758712.50	0.22579	406037.50	3758662.50	0.22326
406087.50	3760012.50	0.41352	406087.50	3759812.50	0.52777
406087.50	3759762.50	0.45238	406087.50	3759712.50	0.49222
406087.50	3759662.50	0.53134	406087.50	3759612.50	0.61062
406087.50	3759562.50	0.67400	406087.50	3759512.50	0.75341
406087.50	3759462.50	0.80551	406087.50	3759412.50	0.77096
406087.50	3759362.50	0.76657	406087.50	3759312.50	0.75115
406087.50	3759262.50	0.67646	406087.50	3759212.50	0.62045
406087.50	3759162.50	0.55385	406087.50	3759112.50	0.47255
406087.50	3759062.50	0.39786	406087.50	3759012.50	0.34291
406087.50	3758962.50	0.30118	406087.50	3758912.50	0.27667
406087.50	3758862.50	0.26311	406087.50	3758812.50	0.25362
406087.50	3758762.50	0.24840	406087.50	3758712.50	0.24398

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions mitigated *** 12:00:00
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 84

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Appendix B

NOx Annual Emissions Mitigated

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406087.50	3758662.50	0.23896	406137.50	3760012.50	0.46934
406137.50	3759812.50	0.45358	406137.50	3759762.50	0.47197
406137.50	3759712.50	0.50457	406137.50	3759662.50	0.54808
406137.50	3759612.50	0.60699	406137.50	3759562.50	0.68444
406137.50	3759512.50	0.72395	406137.50	3759462.50	0.77243
406137.50	3759412.50	0.84156	406137.50	3759362.50	0.86834
406137.50	3759312.50	0.85910	406137.50	3759262.50	0.76912
406137.50	3759212.50	0.68153	406137.50	3759162.50	0.59628
406137.50	3759112.50	0.50078	406137.50	3759062.50	0.41755
406137.50	3759012.50	0.36307	406137.50	3758962.50	0.32311
406137.50	3758912.50	0.29826	406137.50	3758862.50	0.28419
406137.50	3758812.50	0.27451	406137.50	3758762.50	0.26874
406137.50	3758712.50	0.26183	406137.50	3758662.50	0.25700
406187.50	3759412.50	1.05219	406187.50	3759362.50	1.02397
406187.50	3759312.50	0.98606	406187.50	3759262.50	0.85500
406187.50	3759212.50	0.74526	406187.50	3759162.50	0.63535
406187.50	3759112.50	0.52937	406187.50	3759062.50	0.44002
406187.50	3759012.50	0.38126	406187.50	3758962.50	0.34715
406187.50	3758912.50	0.31900	406187.50	3758862.50	0.30833
406187.50	3758812.50	0.29885	406187.50	3758762.50	0.28780
406187.50	3758712.50	0.28056	406187.50	3758662.50	0.27698
406237.50	3759412.50	1.17336	406237.50	3759362.50	1.14311
406237.50	3759312.50	1.05771	406237.50	3759262.50	0.95334
406237.50	3759212.50	0.80500	406237.50	3759162.50	0.67627
406237.50	3759112.50	0.56137	406237.50	3759062.50	0.46159
406237.50	3759012.50	0.39766	406237.50	3758962.50	0.36398
406237.50	3758912.50	0.34313	406237.50	3758862.50	0.33067
406237.50	3758812.50	0.32056	406237.50	3758762.50	0.30767
406237.50	3758712.50	0.30165	406237.50	3758662.50	0.29522
406287.50	3759412.50	1.51126	406287.50	3759362.50	1.27836
406287.50	3759312.50	1.15815	406287.50	3759262.50	1.04123
406287.50	3759212.50	0.88046	406287.50	3759162.50	0.72071
406287.50	3759112.50	0.57662	406287.50	3759062.50	0.47913
406287.50	3759012.50	0.41601	406287.50	3758962.50	0.38338
406287.50	3758912.50	0.36470	406287.50	3758862.50	0.35180
406287.50	3758812.50	0.34128	406287.50	3758762.50	0.33188
406287.50	3758712.50	0.32318	406287.50	3758662.50	0.31389
406337.50	3759412.50	1.65982	406337.50	3759362.50	1.44181
406337.50	3759312.50	1.29751	406337.50	3759262.50	1.14045
406337.50	3759212.50	0.94858	406337.50	3759162.50	0.76647

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL NOx emissions mitigated

*** 07/29/11
*** 12:00:00
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**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406337.50	3759112.50	0.59637	406337.50	3759062.50	0.49376
406337.50	3759012.50	0.43599	406337.50	3758962.50	0.40234
406337.50	3758912.50	0.38568	406337.50	3758862.50	0.37364
406337.50	3758812.50	0.36703	406337.50	3758762.50	0.35445
406337.50	3758712.50	0.34486	406337.50	3758662.50	0.33608
406387.50	3759362.50	1.46111	406387.50	3759312.50	1.37782
406387.50	3759262.50	1.21203	406387.50	3759212.50	1.02309
406387.50	3759162.50	0.79573	406387.50	3759112.50	0.62414
406387.50	3759062.50	0.52253	406387.50	3759012.50	0.46490
406387.50	3758962.50	0.43760	406387.50	3758912.50	0.41772
406387.50	3758862.50	0.38997	406387.50	3758812.50	0.38154
406387.50	3758762.50	0.38022	406387.50	3758712.50	0.37273
406387.50	3758662.50	0.35831	406437.50	3759312.50	1.48466
406437.50	3759262.50	1.33128	406437.50	3759212.50	1.09431
406437.50	3759162.50	0.82215	406437.50	3759112.50	0.64204
406437.50	3759062.50	0.53979	406437.50	3759012.50	0.50040
406437.50	3758962.50	0.47724	406437.50	3758912.50	0.45714
406437.50	3758862.50	0.41446	406437.50	3758812.50	0.41190

Appendix B

NOx Annual Emissions Mitigated

406437.50	3758762.50	0.40527	406437.50	3758712.50	0.39505
406437.50	3758662.50	0.37313	406487.50	3759312.50	1.66582
406487.50	3759262.50	1.45889	406487.50	3759212.50	1.14506
406487.50	3759162.50	0.83949	406487.50	3759112.50	0.66313
406487.50	3759062.50	0.57532	406487.50	3759012.50	0.54288
406487.50	3758962.50	0.52149	406487.50	3758912.50	0.50638
406487.50	3758862.50	0.46732	406487.50	3758812.50	0.45479
406487.50	3758762.50	0.44680	406487.50	3758712.50	0.42447
406487.50	3758662.50	0.39121	406537.50	3759262.50	1.62368
406537.50	3759212.50	1.23335	406537.50	3759162.50	0.89200
406537.50	3759112.50	0.71530	406537.50	3759062.50	0.63186
406537.50	3759012.50	0.60375	406537.50	3758962.50	0.55834
406537.50	3758912.50	0.53685	406537.50	3758862.50	0.53715
406537.50	3758812.50	0.52472	406537.50	3758762.50	0.48699
406537.50	3758712.50	0.44602	406537.50	3758662.50	0.40553
406587.50	3759212.50	1.37396	406587.50	3759162.50	0.98938
406587.50	3759112.50	0.78664	406587.50	3759062.50	0.71274
406587.50	3759012.50	0.66954	406587.50	3758962.50	0.63506
406587.50	3758912.50	0.63084	406587.50	3758862.50	0.61849
406587.50	3758812.50	0.56459	406587.50	3758762.50	0.51230
406587.50	3758712.50	0.46273	406587.50	3758662.50	0.41092
406587.50	3758612.50	0.35638	406637.50	3759212.50	1.53938

*** ISCS T3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL NOx emissions mitigated

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 *** 12:00:00
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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406637.50	3759162.50	1.09873	406637.50	3759112.50	0.90003
406637.50	3759062.50	0.82933	406637.50	3759012.50	0.74148
406637.50	3758962.50	0.76580	406637.50	3758912.50	0.73845
406637.50	3758862.50	0.67787	406637.50	3758812.50	0.59779
406637.50	3758762.50	0.52226	406637.50	3758712.50	0.46261
406637.50	3758662.50	0.38739	406687.50	3759162.50	1.17156
406687.50	3759112.50	0.94117	406687.50	3759062.50	0.99048
406687.50	3759012.50	0.95526	406687.50	3758962.50	0.91150
406687.50	3758912.50	0.82202	406687.50	3758862.50	0.70462
406687.50	3758762.50	0.50642	406737.50	3759112.50	1.28362
406737.50	3759062.50	1.41506	406737.50	3759012.50	1.20505
406737.50	3758962.50	1.02966	406737.50	3758912.50	0.83155
406737.50	3758662.50	0.35425	406737.50	3758612.50	0.30147
406787.50	3759012.50	1.38543	406787.50	3758962.50	1.04409
406787.50	3758712.50	0.39019	406787.50	3758662.50	0.33551
406787.50	3758612.50	0.28228	406837.50	3758712.50	0.38331
406837.50	3758662.50	0.33183	406837.50	3758612.50	0.28485
406887.50	3758762.50	0.43850	406887.50	3758712.50	0.37900
406887.50	3758662.50	0.33310	406887.50	3758612.50	0.27216
406937.50	3758762.50	0.46069	406937.50	3758712.50	0.39543
406937.50	3758662.50	0.34543	406937.50	3758612.50	0.31715
406987.50	3758712.50	0.45583	406987.50	3758662.50	0.38399
406987.50	3758612.50	0.37205	407037.50	3758712.50	0.53193
407037.50	3758662.50	0.43055	407037.50	3758612.50	0.45962
407087.50	3758662.50	0.49965	407087.50	3758612.50	0.55002
407137.50	3758662.50	0.61223	407137.50	3758612.50	0.60362
407187.50	3758662.50	0.68626	407187.50	3758612.50	0.64132
407237.50	3758662.50	0.67229	407237.50	3758612.50	0.62460
407287.50	3758662.50	0.59579	407287.50	3758612.50	0.56546
407337.50	3758662.50	0.50598	407337.50	3758612.50	0.47687
407387.50	3758662.50	0.44613	407387.50	3758612.50	0.41862
407437.50	3758662.50	0.52428	407437.50	3758612.50	0.44866
407487.50	3758662.50	0.52323	407487.50	3758612.50	0.34668
407537.50	3758662.50	0.03812	407537.50	3758612.50	0.03584
407587.50	3758662.50	0.04028	407587.50	3758612.50	0.03789
407637.50	3758612.50	0.03964	407687.50	3758612.50	0.04091
407737.50	3758612.50	0.04161	407787.50	3758612.50	0.04177
407837.50	3758612.50	0.04146	407887.50	3758612.50	0.04082
407937.50	3758612.50	0.04000	407987.50	3758612.50	0.03911
408037.50	3758612.50	0.03827	408087.50	3758612.50	0.03754

Appendix B

NOx Annual Emissions Mitigated

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL NOx emissions mitigated

*** 07/29/11
 *** 12:00:00
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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
405987.50	3758612.50	0.20566	406037.50	3758612.50	0.22022
406087.50	3758612.50	0.23474	406137.50	3758612.50	0.24915
406187.50	3758612.50	0.26866	406237.50	3758612.50	0.28700
406287.50	3758612.50	0.30558	406337.50	3758612.50	0.31988
406387.50	3758612.50	0.33630	406437.50	3758612.50	0.35098
406487.50	3758612.50	0.35895	406512.50	3758562.50	0.32556
406537.50	3758612.50	0.36393	406562.50	3758562.50	0.31840
406612.50	3758562.50	0.30298	406662.50	3758562.50	0.27259
406712.50	3758562.50	0.25953	406762.50	3758562.50	0.24468
406812.50	3758562.50	0.23564	406862.50	3758562.50	0.23883
406912.50	3758562.50	0.29516	406962.50	3758562.50	0.34801
407012.50	3758562.50	0.42332	407062.50	3758562.50	0.49453
407112.50	3758562.50	0.56179	407162.50	3758562.50	0.57157
407212.50	3758562.50	0.65710	407262.50	3758562.50	0.58592
407312.50	3758562.50	0.49786	407362.50	3758562.50	0.42248
407412.50	3758562.50	0.47726	407462.50	3758562.50	0.40736
407512.50	3758562.50	0.30521	407562.50	3758562.50	0.03465
407612.50	3758562.50	0.03647	407662.50	3758562.50	0.03810
407712.50	3758562.50	0.03935	407762.50	3758562.50	0.04013
407812.50	3758562.50	0.04042	407862.50	3758562.50	0.04028
407912.50	3758562.50	0.03979	407962.50	3758562.50	0.03908
408012.50	3758562.50	0.03826	408062.50	3758562.50	0.03745
408112.50	3758562.50	0.03672	405987.50	3759987.50	0.35442
405987.50	3759937.50	0.36677	405987.50	3759887.50	0.38193
405987.50	3759837.50	0.39613	405987.50	3759787.50	0.42310
405987.50	3759737.50	0.47606	405987.50	3759687.50	0.55163
405987.50	3759637.50	0.67285	405987.50	3759587.50	0.75035
405987.50	3759537.50	0.84225	405987.50	3759487.50	0.89955
405987.50	3759437.50	0.95028	405987.50	3759387.50	0.80972
405987.50	3759337.50	0.75856	405987.50	3759287.50	0.67736
405987.50	3759237.50	0.59854	405987.50	3759187.50	0.50660
405987.50	3759137.50	0.46028	405987.50	3759087.50	0.39202
405987.50	3759037.50	0.32830	405987.50	3758987.50	0.29089
405987.50	3758937.50	0.26073	405987.50	3758887.50	0.23653
405987.50	3758837.50	0.22383	405987.50	3758787.50	0.21635
405987.50	3758737.50	0.21151	405987.50	3758687.50	0.21047
406037.50	3759987.50	0.37971	406037.50	3759837.50	0.41941
406037.50	3759787.50	0.43890	406037.50	3759737.50	0.49247
406037.50	3759687.50	0.56355	406037.50	3759637.50	0.69984
406037.50	3759587.50	0.77934	406037.50	3759537.50	0.89181

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL NOx emissions mitigated

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 *** 12:00:00
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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406037.50	3759487.50	0.77505	406037.50	3759437.50	0.79544
406037.50	3759387.50	0.80677	406037.50	3759337.50	0.76045
406037.50	3759287.50	0.69691	406037.50	3759237.50	0.61514
406037.50	3759187.50	0.55071	406037.50	3759137.50	0.48349
406037.50	3759087.50	0.41240	406037.50	3759037.50	0.34761
406037.50	3758987.50	0.30521	406037.50	3758937.50	0.27247
406037.50	3758887.50	0.25173	406037.50	3758837.50	0.23722
406037.50	3758787.50	0.23344	406037.50	3758737.50	0.22881

Appendix B

NOx Annual Emissions Mitigated

406037.50	3758687.50	0.22202	406087.50	3759987.50	0.41482
406087.50	3759837.50	0.53033	406087.50	3759787.50	0.54413
406087.50	3759737.50	0.47138	406087.50	3759687.50	0.51030
406087.50	3759637.50	0.57258	406087.50	3759587.50	0.64211
406087.50	3759537.50	0.70908	406087.50	3759487.50	0.78829
406087.50	3759437.50	0.77761	406087.50	3759387.50	0.76432
406087.50	3759337.50	0.75202	406087.50	3759287.50	0.74758
406087.50	3759237.50	0.64750	406087.50	3759187.50	0.59175
406087.50	3759137.50	0.51379	406087.50	3759087.50	0.43415
406087.50	3759037.50	0.36578	406087.50	3758987.50	0.32045
406087.50	3758937.50	0.28534	406087.50	3758887.50	0.27062
406087.50	3758837.50	0.25707	406087.50	3758787.50	0.25082
406087.50	3758737.50	0.24626	406087.50	3758687.50	0.24158
406137.50	3759987.50	0.47783	406137.50	3759837.50	0.45166
406137.50	3759787.50	0.46118	406137.50	3759737.50	0.48571
406137.50	3759687.50	0.52786	406137.50	3759637.50	0.57243
406137.50	3759587.50	0.64518	406137.50	3759537.50	0.72591
406137.50	3759487.50	0.74143	406137.50	3759437.50	0.80832
406137.50	3759387.50	0.86917	406137.50	3759337.50	0.86168
406137.50	3759287.50	0.82260	406137.50	3759237.50	0.72384
406137.50	3759187.50	0.64457	406137.50	3759137.50	0.54674
406137.50	3759087.50	0.45730	406137.50	3759037.50	0.38478
406137.50	3758987.50	0.34086	406137.50	3758937.50	0.30979
406137.50	3758887.50	0.28942	406137.50	3758837.50	0.28019
406137.50	3758787.50	0.26961	406137.50	3758737.50	0.26446
406137.50	3758687.50	0.25878	406187.50	3759437.50	1.03892
406187.50	3759387.50	1.03842	406187.50	3759337.50	1.01925
406187.50	3759287.50	0.91737	406187.50	3759237.50	0.78983
406187.50	3759187.50	0.68723	406187.50	3759137.50	0.58204
406187.50	3759087.50	0.48262	406187.50	3759037.50	0.40627
406187.50	3758987.50	0.36241	406187.50	3758937.50	0.33036
406187.50	3758887.50	0.31450	406187.50	3758837.50	0.30201

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions mitigated *** 12:00:00
 **MODELOPTs: ** PAGE 89
 CONC URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406187.50	3758787.50	0.29078	406187.50	3758737.50	0.28443
406187.50	3758687.50	0.27718	406237.50	3759437.50	1.33762
406237.50	3759387.50	1.16650	406237.50	3759337.50	1.10345
406237.50	3759287.50	1.01244	406237.50	3759237.50	0.87711
406237.50	3759187.50	0.74311	406237.50	3759137.50	0.61020
406237.50	3759087.50	0.50840	406237.50	3759037.50	0.42415
406237.50	3758987.50	0.37823	406237.50	3758937.50	0.35356
406237.50	3758887.50	0.33489	406237.50	3758837.50	0.32687
406237.50	3758787.50	0.31423	406237.50	3758737.50	0.30624
406237.50	3758687.50	0.29632	406287.50	3759437.50	1.46060
406287.50	3759387.50	1.56976	406287.50	3759337.50	1.21187
406287.50	3759287.50	1.10883	406287.50	3759237.50	0.96469
406287.50	3759187.50	0.79180	406287.50	3759137.50	0.64819
406287.50	3759087.50	0.52286	406287.50	3759037.50	0.44528
406287.50	3758987.50	0.39547	406287.50	3758937.50	0.37445
406287.50	3758887.50	0.35670	406287.50	3758837.50	0.34201
406287.50	3758787.50	0.34024	406287.50	3758737.50	0.32812
406287.50	3758687.50	0.32052	406337.50	3759437.50	1.60866
406337.50	3759387.50	1.70340	406337.50	3759337.50	1.37533
406337.50	3759287.50	1.22086	406337.50	3759237.50	1.04898
406337.50	3759187.50	0.85833	406337.50	3759137.50	0.67985
406337.50	3759087.50	0.53621	406337.50	3759037.50	0.46258
406337.50	3758987.50	0.41672	406337.50	3758937.50	0.39113
406337.50	3758887.50	0.38108	406337.50	3758837.50	0.36627
406337.50	3758787.50	0.36106	406337.50	3758737.50	0.35199
406337.50	3758687.50	0.34034	406387.50	3759337.50	1.42108
406387.50	3759287.50	1.31070	406387.50	3759237.50	1.12483
406387.50	3759187.50	0.91247	406387.50	3759137.50	0.70238
406387.50	3759087.50	0.56274	406387.50	3759037.50	0.48381
406387.50	3758987.50	0.45010	406387.50	3758937.50	0.42749

Appendix B

			NOx Annual Emissions Mitigated			
406387.50	3758887.50	0.39940	406387.50	3758837.50	0.38846	
406387.50	3758787.50	0.38165	406387.50	3758737.50	0.37723	
406387.50	3758687.50	0.36684	406437.50	3759337.50	1.54224	
406437.50	3759287.50	1.41011	406437.50	3759237.50	1.22989	
406437.50	3759187.50	0.95814	406437.50	3759137.50	0.72182	
406437.50	3759087.50	0.58258	406437.50	3759037.50	0.51044	
406437.50	3758987.50	0.48445	406437.50	3758937.50	0.47062	
406437.50	3758887.50	0.43510	406437.50	3758837.50	0.41233	
406437.50	3758787.50	0.40954	406437.50	3758737.50	0.39921	
406437.50	3758687.50	0.39056	406487.50	3759287.50	1.57533	
. *** IS CST3 - VERSION 02035 ***		*** WHITTIER MATRIX OIL PROJECT			***	07/29/11
MODELOPTs:		* ANALYSIS ANNUAL NOx emissions mitigated			***	12:00:00
CONC	URBAN ELEV	FLGPOL	NOCALM			PAGE 90
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1						
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,						
*** DISCRETE CARTESIAN RECEPTOR POINTS ***						
** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
406487.50	3759237.50	1.32051	406487.50	3759187.50	0.97647	
406487.50	3759137.50	0.74224	406487.50	3759087.50	0.60770	
406487.50	3759037.50	0.55395	406487.50	3758987.50	0.53511	
406487.50	3758937.50	0.51798	406487.50	3758887.50	0.47926	
406487.50	3758837.50	0.46420	406487.50	3758787.50	0.45353	
406487.50	3758737.50	0.43624	406487.50	3758687.50	0.40994	
406537.50	3759237.50	1.41715	406537.50	3759187.50	1.03542	
406537.50	3759137.50	0.78380	406537.50	3759087.50	0.67057	
406537.50	3759037.50	0.61598	406537.50	3758987.50	0.58096	
406537.50	3758937.50	0.54819	406537.50	3758887.50	0.53613	
406537.50	3758837.50	0.53715	406537.50	3758787.50	0.51038	
406537.50	3758737.50	0.46905	406537.50	3758687.50	0.42819	
406587.50	3759237.50	1.62170	406587.50	3759187.50	1.15548	
406587.50	3759137.50	0.86047	406587.50	3759087.50	0.74376	
406587.50	3759037.50	0.68999	406587.50	3758987.50	0.65021	
406587.50	3758937.50	0.63448	406587.50	3758887.50	0.62296	
406587.50	3758837.50	0.59367	406587.50	3758787.50	0.54250	
406587.50	3758737.50	0.48319	406587.50	3758687.50	0.43530	
406587.50	3758637.50	0.38148	406637.50	3759187.50	1.26706	
406637.50	3759137.50	0.96377	406637.50	3759087.50	0.85949	
406637.50	3759037.50	0.75726	406637.50	3758987.50	0.74875	
406637.50	3758937.50	0.75407	406637.50	3758887.50	0.71748	
406637.50	3758837.50	0.63821	406637.50	3758787.50	0.55912	
406637.50	3758737.50	0.48741	406637.50	3758687.50	0.43041	
406687.50	3759137.50	1.04183	406687.50	3759087.50	0.95365	
406687.50	3759037.50	0.94568	406687.50	3758987.50	0.93641	
406687.50	3758937.50	0.88387	406687.50	3758887.50	0.75652	
406687.50	3758837.50	0.65453	406687.50	3758737.50	0.46685	
406737.50	3759137.50	1.27043	406737.50	3759037.50	1.28839	
406737.50	3758987.50	1.12203	406737.50	3758937.50	0.91964	
406737.50	3758637.50	0.32660	406787.50	3759037.50	1.63933	
406787.50	3758987.50	1.19807	406787.50	3758937.50	0.90893	
406787.50	3758687.50	0.36054	406787.50	3758637.50	0.29665	
406837.50	3758737.50	0.41364	406837.50	3758687.50	0.35744	
406837.50	3758637.50	0.30312	406887.50	3758787.50	0.47567	
406887.50	3758737.50	0.40697	406887.50	3758687.50	0.35461	
406887.50	3758637.50	0.30693	406937.50	3758737.50	0.42079	
406937.50	3758687.50	0.37303	406937.50	3758637.50	0.32668	
406987.50	3758737.50	0.47797	406987.50	3758687.50	0.42608	
406987.50	3758637.50	0.36519	407037.50	3758687.50	0.47663	
. *** IS CST3 - VERSION 02035 ***		*** WHITTIER MATRIX OIL PROJECT			***	07/29/11
MODELOPTs:		* ANALYSIS ANNUAL NOx emissions mitigated			***	12:00:00
CONC	URBAN ELEV	FLGPOL	NOCALM			PAGE 91
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1						
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,						
*** DISCRETE CARTESIAN RECEPTOR POINTS ***						
** CONC OF OTHER			IN MICROGRAMS/M**3			**

Appendix B

X-COORD (M)	Y-COORD (M)	CONC	NOx Annual Emissions Mitigated		
			X-COORD (M)	Y-COORD (M)	CONC
407037.50	3758637.50	0.43344	407087.50	3758637.50	0.55633
407137.50	3758637.50	0.61273	407187.50	3758637.50	0.64538
407237.50	3758637.50	0.63798	407287.50	3758637.50	0.58055
407337.50	3758637.50	0.49380	407387.50	3758637.50	0.43121
407437.50	3758637.50	0.47775	407487.50	3758637.50	0.36606
407537.50	3758637.50	0.03697	407587.50	3758637.50	0.03908
407637.50	3758637.50	0.04079	407687.50	3758637.50	0.04193
407737.50	3758637.50	0.04245	407787.50	3758637.50	0.04241
407837.50	3758637.50	0.04194	407887.50	3758637.50	0.04118
407937.50	3758637.50	0.04028	407987.50	3758637.50	0.03937
408037.50	3758637.50	0.03855	408087.50	3758637.50	0.03788
405987.50	3758637.50	0.20765	405987.50	3758587.50	0.20593
406037.50	3758637.50	0.22143	406037.50	3758587.50	0.21883
406087.50	3758637.50	0.23606	406087.50	3758587.50	0.23315
406137.50	3758637.50	0.25164	406137.50	3758587.50	0.24706
406187.50	3758637.50	0.27251	406187.50	3758587.50	0.26450
406237.50	3758637.50	0.28920	406237.50	3758587.50	0.28281
406287.50	3758637.50	0.30959	406287.50	3758587.50	0.30074
406337.50	3758637.50	0.32592	406337.50	3758587.50	0.31314
406387.50	3758637.50	0.34540	406387.50	3758587.50	0.32235
406437.50	3758637.50	0.36290	406437.50	3758587.50	0.33548
406487.50	3758637.50	0.37679	406487.50	3758587.50	0.34012
406537.50	3758637.50	0.38348	406537.50	3758587.50	0.34503
406587.50	3758587.50	0.33216	406737.50	3758587.50	0.27386
406787.50	3758587.50	0.27081	406837.50	3758587.50	0.25730
406887.50	3758587.50	0.24037	406937.50	3758587.50	0.31667
406987.50	3758587.50	0.37967	407037.50	3758587.50	0.47425
407087.50	3758587.50	0.53389	407137.50	3758587.50	0.58439
407187.50	3758587.50	0.64326	407237.50	3758587.50	0.63484
407287.50	3758587.50	0.54484	407337.50	3758587.50	0.46651
407387.50	3758587.50	0.40975	407437.50	3758587.50	0.43381
407487.50	3758587.50	0.33490	407537.50	3758587.50	0.03476
407587.50	3758587.50	0.03671	407637.50	3758587.50	0.03848
407687.50	3758587.50	0.03985	407737.50	3758587.50	0.04073
407787.50	3758587.50	0.04108	407837.50	3758587.50	0.04095
407887.50	3758587.50	0.04046	407937.50	3758587.50	0.03972
407987.50	3758587.50	0.03888	408037.50	3758587.50	0.03803
408087.50	3758587.50	0.03728	408749.81	3760427.50	0.04582
408576.44	3760430.50	0.04929	408341.81	3760655.25	0.05658
408422.13	3760726.50	0.05348	408512.50	3760597.25	0.04992

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

07/29/11

*** ANALYSIS ANNUAL NOx emissions mitigated

12:00:00

**MODELOPTs:

PAGE 92

CONC

URBAN ELEV FLG POL

NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
408737.16	3760284.25	0.04567	407589.22	3757492.75	0.02474
406297.84	3757662.00	0.07662	406584.22	3757389.75	0.06622
407118.84	3757983.50	0.24460	406874.28	3758349.75	0.23514
406620.19	3758321.00	0.17280	406622.53	3757771.75	0.09384
406913.03	3757488.00	0.11165	406700.63	3757538.25	0.08534
407066.22	3757290.75	0.11160	407127.28	3757406.50	0.12702
408971.50	3759219.25	0.07634	408922.47	3758958.75	0.05675
408826.50	3758876.00	0.04870	409072.44	3758868.25	0.05031
408994.97	3758728.50	0.04081	408227.34	3758224.50	0.03491
408139.69	3758492.50	0.03594	408581.97	3758154.25	0.03128
408461.59	3758025.75	0.03333	407729.41	3758130.75	0.02533
407645.41	3757976.25	0.02300	407482.91	3757723.50	0.16089
405320.38	3759820.00	0.21097	405904.09	3759261.50	0.57323
405691.53	3759433.25	0.51961	405617.38	3759631.25	0.51835
405524.66	3759523.75	0.40793	405402.38	3759491.75	0.37292
405646.00	3759323.00	0.43880	405616.31	3759173.50	0.33590
405512.63	3759095.00	0.26746	405377.47	3759043.00	0.22777
405466.31	3758975.75	0.20631	405527.84	3758925.25	0.18865
406550.63	3758915.00	0.56037	406480.47	3759093.00	0.60949
406259.69	3759222.50	0.87103	406195.81	3759106.75	0.52281

Appendix B

NOx Annual Emissions Mitigated

406070.25	3759025.25	0.34725	405757.63	3758923.00	0.21528
405844.38	3758855.25	0.19984	406318.13	3758856.00	0.36668
406403.53	3759010.50	0.47474	406352.00	3759038.50	0.46915
406045.00	3760461.25	0.32667	407358.28	3758534.50	0.42577
407261.69	3758458.75	0.54218	406506.84	3758549.25	0.31870
406457.91	3758378.00	0.23098	406301.69	3758551.25	0.29484
406205.03	3758613.50	0.27543	406115.41	3758675.25	0.24927
406028.59	3758737.00	0.22394	405938.28	3758799.00	0.20699
405736.72	3758451.50	0.14856	405814.44	3758395.25	0.16048
406257.69	3758091.75	0.15789	406166.63	3758153.50	0.17469
405932.31	3758196.50	0.16403	406072.19	3758298.75	0.19290
405823.09	3758062.75	0.14104	405911.28	3757995.50	0.13901
405982.13	3757889.25	0.12881	405799.16	3757924.25	0.12580
405647.81	3758653.25	0.14010	405489.16	3758508.50	0.11695
405436.44	3758454.50	0.11127	405455.72	3758338.00	0.11403
405549.16	3758093.00	0.12063	405661.88	3758014.50	0.12575
405479.72	3758764.50	0.13567	405359.16	3758904.50	0.16994
405170.69	3759021.00	0.20311	405201.97	3758906.00	0.16513
405349.88	3758821.25	0.14180	405215.44	3758773.00	0.12643
405359.75	3758681.25	0.11511	405435.38	3758629.50	0.11599

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions mitigated *** 12:00:00
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 93
 CONC

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
405236.44	3759463.75	0.29499	405212.38	3759382.75	0.28189
405186.19	3759300.00	0.26861	405257.38	3759088.75	0.23125
408456.66	3760361.75	0.05245	408269.97	3760516.25	0.05914
407367.84	3760879.75	0.24828	408322.63	3760275.50	0.05701
408794.38	3759931.00	0.04795	406130.81	3760014.50	0.46009

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions mitigated *** 12:00:00
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 94
 CONC

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
1	1ST HIGHEST VALUE IS	2.08527 AT (407162.81, 3759027.25,	140.94, 1.50) DC	NA
	2ND HIGHEST VALUE IS	2.08237 AT (407179.00, 3759048.00,	141.88, 1.50) DC	NA
	3RD HIGHEST VALUE IS	1.95323 AT (407196.97, 3759050.00,	143.68, 1.50) DC	NA
	4TH HIGHEST VALUE IS	1.84730 AT (406588.16, 3759257.75,	138.81, 1.50) DC	NA
	5TH HIGHEST VALUE IS	1.84536 AT (407144.13, 3759004.00,	138.41, 1.50) DC	NA
	6TH HIGHEST VALUE IS	1.82549 AT (406567.09, 3759271.00,	138.23, 1.50) DC	NA
	7TH HIGHEST VALUE IS	1.82113 AT (406546.00, 3759284.50,	138.65, 1.50) DC	NA
	8TH HIGHEST VALUE IS	1.80944 AT (406802.63, 3759049.75,	140.39, 1.50) DC	NA
	9TH HIGHEST VALUE IS	1.80547 AT (406609.25, 3759244.25,	138.59, 1.50) DC	NA
	10TH HIGHEST VALUE IS	1.79373 AT (406524.91, 3759298.00,	138.99, 1.50) DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 BD = BOUNDARY

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL NOx emissions mitigated *** 12:00:00
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 95
 CONC

Appendix B

NOx Annual Emissions Mitigated

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 75552 Informational Message(s)
A Total of 1405 Calm Hours Identified
A Total of 74147 Cases Identified with HE > ZI

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
ME W360 7444 SET_WI:2-Digit Year Specified: Valid for Range 1950-2049 SURFDATA
RE W282 7437 CHK_EL:RecElev < SrcBase; See non-DEFAULT HE>ZI option in MCB#9

*** ISCST3 Finishes Successfully ***

Appendix B

PM 24 hour Emissions unmitigated

** ISC input file generated by GCC from
** Date: 7/22/2011

CO STARTING

TITLEONE WHITTIER MATRIX OIL PROJECT
TITLETWO ANALYSIS PEAK DAY 24hr PM emissions
MODELOPT CONC URBAN NOCALM
AVERTIME 24
POLLUTID Other
TERRHGTs ELEV
RUNORNOT RUN
ERRORFIL c:\ISC\zERROR.ERR
FLAGPOLE 0.0

CO FINISHED

** UTMZONE 11
** SRCPARAM g/sec - height m - temp K - velocity m/s - dia m

SO STARTING

ELEVUNIT FEET

** Flare
LOCATION 1 POINT 407065 3759568 495
SRCPARAM 1 0.2367 12.2 1050 3.7 1.8

** DEA Reboiler - not operating on peak day
LOCATION 2 POINT 407085 3759498 495
SRCPARAM 2 0.000 6.1 565.0 2.8 0.25

** Heater - not operating on peak day
LOCATION 3 POINT 407085 3759498 495
SRCPARAM 3 0.000 6.1 565.0 2.8 0.5

** Drill Rig
LOCATION 4 POINT 407130 3759340 485
SRCPARAM 4 0.0194 4.0 783.0 3.6 0.2

SRCGROUP 1 1-4

SO FINISHED

RE STARTING

ELEVUNIT FEET

** receptor 1 property boundary receptor: 1
DISCCART 409779.521165832 3759787.55611628 0.00 1.50
** receptor =B6+1 property boundary receptor: =C6+1
DISCCART 409779.356248946 3759762.55120596 0.00 1.50
** receptor =B7+1 property boundary receptor: =C7+1
DISCCART 409779.19133206 3759737.5562936 0.00 1.50
** receptor =B8+1 property boundary receptor: =C8+1
DISCCART 409779.026415174 3759712.55138327 0.00 1.50
** receptor =B9+1 property boundary receptor: =C9+1
DISCCART 409778.869744132 3759687.55647092 0.00 1.50
** receptor =B10+1 property boundary receptor: =C10+1
DISCCART 409778.704827246 3759662.56155856 0.00 1.50
** receptor =B11+1 property boundary receptor: =C11+1
DISCCART 409778.539910361 3759637.55664824 0.00 1.50
** receptor =B12+1 property boundary receptor: =C12+1
DISCCART 409778.374993475 3759612.56173588 0.00 1.50
** receptor =B13+1 property boundary receptor: =C13+1
DISCCART 409778.210076589 3759587.55682556 0.00 1.50
** receptor =B14+1 property boundary receptor: =C14+1
DISCCART 409778.053405547 3759562.5619132 0.00 1.50
** receptor =B15+1 property boundary receptor: =C15+1
DISCCART 409777.888488661 3759537.55700287 0.00 1.50
** receptor =B16+1 property boundary receptor: =C16+1
DISCCART 409777.723571775 3759512.56209052 0.00 1.50
** receptor =B17+1 property boundary receptor: =C17+1
DISCCART 409777.558654889 3759487.55718019 0.00 1.50

Appendix B

PM 24 hour Emissions unmitigated

** receptor =B18+1 property boundary receptor: =C18+1
DISCCART 409777.393738003 3759462.56226784 0.00 1.50
** receptor =B19+1 property boundary receptor: =C19+1
DISCCART 409777.237066962 3759437.55735751 0.00 1.50
** receptor =B20+1 property boundary receptor: =C20+1
DISCCART 409777.072150076 3759412.56244516 0.00 1.50
** receptor =B21+1 property boundary receptor: =C21+1
DISCCART 409776.90723319 3759387.55753483 0.00 1.50
** receptor =B22+1 property boundary receptor: =C22+1
DISCCART 409776.742316304 3759362.56262247 0.00 1.50
** receptor =B23+1 property boundary receptor: =C23+1
DISCCART 409776.577399418 3759337.56771012 0.00 1.50
** receptor =B24+1 property boundary receptor: =C24+1
DISCCART 409776.420728376 3759312.56279979 0.00 1.50
** receptor =B25+1 property boundary receptor: =C25+1
DISCCART 409776.25581149 3759287.56788744 0.00 1.50
** receptor =B26+1 property boundary receptor: =C26+1
DISCCART 409776.090894605 3759262.56297711 0.00 1.50
** receptor =B27+1 property boundary receptor: =C27+1
DISCCART 409775.925977719 3759237.56806476 0.00 1.50
** receptor =B28+1 property boundary receptor: =C28+1
DISCCART 409775.653864857 3759212.56315443 0.00 1.50
** receptor =B29+1 property boundary receptor: =C29+1
DISCCART 409775.389997839 3759187.56824207 0.00 1.50
** receptor =B30+1 property boundary receptor: =C30+1
DISCCART 409775.117884978 3759162.56333175 0.00 1.50
** receptor =B31+1 property boundary receptor: =C31+1
DISCCART 409774.845772116 3759137.56841939 0.00 1.50
** receptor =B32+1 property boundary receptor: =C32+1
DISCCART 409774.581905098 3759112.57350704 0.00 1.50
** receptor =B33+1 property boundary receptor: =C33+1
DISCCART 409774.309792237 3759087.56859671 0.00 1.50
** receptor =B34+1 property boundary receptor: =C34+1
DISCCART 409774.037679375 3759062.57368436 0.00 1.50
** receptor =B35+1 property boundary receptor: =C35+1
DISCCART 409773.773812357 3759037.578772 0.00 1.50
** receptor =B36+1 property boundary receptor: =C36+1
DISCCART 409765.239363511 3759020.17231503 0.00 1.50
** receptor =B37+1 property boundary receptor: =C37+1
DISCCART 409740.237963605 3759020.5522377 0.00 1.50
** receptor =B38+1 property boundary receptor: =C38+1
DISCCART 409715.244809544 3759020.89216851 0.00 1.50
** receptor =B39+1 property boundary receptor: =C39+1
DISCCART 409690.243409638 3759021.21210339 0.00 1.50
** receptor =B40+1 property boundary receptor: =C40+1
DISCCART 409665.242009733 3759021.53203826 0.00 1.50
** receptor =B41+1 property boundary receptor: =C41+1
DISCCART 409640.248855671 3759021.86197111 0.00 1.50
** receptor =B42+1 property boundary receptor: =C42+1
DISCCART 409615.247455766 3759022.18190599 0.00 1.50
** receptor =B43+1 property boundary receptor: =C43+1
DISCCART 409590.254301704 3759022.50184086 0.00 1.50
** receptor =B44+1 property boundary receptor: =C44+1
DISCCART 409565.252901799 3759022.83177371 0.00 1.50
** receptor =B45+1 property boundary receptor: =C45+1
DISCCART 409540.259747738 3759023.15170858 0.00 1.50
** receptor =B46+1 property boundary receptor: =C46+1
DISCCART 409515.266593676 3759024.15150508 0.00 1.50
** receptor =B47+1 property boundary receptor: =C47+1
DISCCART 409490.289931303 3759025.35126087 0.00 1.50
** receptor =B48+1 property boundary receptor: =C48+1
DISCCART 409465.321514775 3759026.38105126 0.00 1.50
** receptor =B49+1 property boundary receptor: =C49+1
DISCCART 409440.336606558 3759027.09090677 0.00 1.50
** receptor =B50+1 property boundary receptor: =C50+1
DISCCART 409415.351698341 3759027.66079077 0.00 1.50
** receptor =B51+1 property boundary receptor: =C51+1
DISCCART 409390.342052591 3759027.87074804 0.00 1.50
** receptor =B52+1 property boundary receptor: =C52+1
DISCCART 409365.34889853 3759028.39064221 0.00 1.50
** receptor =B53+1 property boundary receptor: =C53+1
DISCCART 409340.355744468 3759028.90053843 0.00 1.50
** receptor =B54+1 property boundary receptor: =C54+1
DISCCART 409315.362590407 3759029.4204326 0.00 1.50
** receptor =B55+1 property boundary receptor: =C55+1
DISCCART 409290.369436346 3759029.94032678 0.00 1.50

Appendix B

PM 24 hour Emissions unmitigated

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** receptor =B56+1 property boundary receptor: =C56+1
DISCCART 409265.376282284 3759030.45022299 0.00 1.50
** receptor =B57+1 property boundary receptor: =C57+1
DISCCART 409240.374882379 3759030.97011717 0.00 1.50
** receptor =B58+1 property boundary receptor: =C58+1
DISCCART 409215.381728317 3759031.48001338 0.00 1.50
** receptor =B59+1 property boundary receptor: =C59+1
DISCCART 409190.388574256 3759031.99990756 0.00 1.50
** receptor =B60+1 property boundary receptor: =C60+1
DISCCART 409165.395420195 3759032.51980174 0.00 1.50
** receptor =B61+1 property boundary receptor: =C61+1
DISCCART 409140.402266133 3759033.02969795 0.00 1.50
** receptor =B62+1 property boundary receptor: =C62+1
DISCCART 409115.400866228 3759033.54959213 0.00 1.50
** receptor =B63+1 property boundary receptor: =C63+1
DISCCART 409090.407712167 3759034.0694863 0.00 1.50
** receptor =B64+1 property boundary receptor: =C64+1
DISCCART 409065.414558105 3759034.57938251 0.00 1.50
** receptor =B65+1 property boundary receptor: =C65+1
DISCCART 409040.421404044 3759035.09927669 0.00 1.50
** receptor =B66+1 property boundary receptor: =C66+1
DISCCART 409015.428249983 3759035.61917087 0.00 1.50
** receptor =B67+1 property boundary receptor: =C67+1
DISCCART 408990.426850077 3759036.12906708 0.00 1.50
** receptor =B68+1 property boundary receptor: =C68+1
DISCCART 408965.433696016 3759036.64896126 0.00 1.50
** receptor =B69+1 property boundary receptor: =C69+1
DISCCART 408940.440541954 3759037.15885747 0.00 1.50
** receptor =B70+1 property boundary receptor: =C70+1
DISCCART 408915.447387893 3759037.67875165 0.00 1.50
** receptor =B71+1 property boundary receptor: =C71+1
DISCCART 408890.454233832 3759038.19864582 0.00 1.50
** receptor =B72+1 property boundary receptor: =C72+1
DISCCART 408865.46107977 3759038.70854204 0.00 1.50
** receptor =B73+1 property boundary receptor: =C73+1
DISCCART 408840.459679865 3759039.22843621 0.00 1.50
** receptor =B74+1 property boundary receptor: =C74+1
DISCCART 408815.466525803 3759039.74833039 0.00 1.50
** receptor =B75+1 property boundary receptor: =C75+1
DISCCART 408790.473371742 3759040.2582266 0.00 1.50
** receptor =B76+1 property boundary receptor: =C76+1
DISCCART 408765.480217681 3759040.77812078 0.00 1.50
** receptor =B77+1 property boundary receptor: =C77+1
DISCCART 408740.487063619 3759041.28801699 0.00 1.50
** receptor =B78+1 property boundary receptor: =C78+1
DISCCART 408715.485663714 3759041.80791117 0.00 1.50
** receptor =B79+1 property boundary receptor: =C79+1
DISCCART 408690.492509652 3759042.32780535 0.00 1.50
** receptor =B80+1 property boundary receptor: =C80+1
DISCCART 408665.499355591 3759042.83770156 0.00 1.50
** receptor =B81+1 property boundary receptor: =C81+1
DISCCART 408640.50620153 3759043.35759573 0.00 1.50
** receptor =B82+1 property boundary receptor: =C82+1
DISCCART 408615.513047468 3759043.87748991 0.00 1.50
** receptor =B83+1 property boundary receptor: =C83+1
DISCCART 408590.519893407 3759044.38738612 0.00 1.50
** receptor =B84+1 property boundary receptor: =C84+1
DISCCART 408581.894740273 3759028.87054453 0.00 1.50
** receptor =B85+1 property boundary receptor: =C85+1
DISCCART 408581.58139819 3759003.87563217 0.00 1.50
** receptor =B86+1 property boundary receptor: =C86+1
DISCCART 408581.268056107 3758978.88071982 0.00 1.50
** receptor =B87+1 property boundary receptor: =C87+1
DISCCART 408580.954714024 3758953.87580949 0.00 1.50
** receptor =B88+1 property boundary receptor: =C88+1
DISCCART 408580.64137194 3758928.88089714 0.00 1.50
** receptor =B89+1 property boundary receptor: =C89+1
DISCCART 408580.328029857 3758903.88598478 0.00 1.50
** receptor =B90+1 property boundary receptor: =C90+1
DISCCART 408580.014687774 3758878.88107445 0.00 1.50
** receptor =B91+1 property boundary receptor: =C91+1
DISCCART 408579.701345691 3758853.8861621 0.00 1.50
** receptor =B92+1 property boundary receptor: =C92+1
DISCCART 408579.388003607 3758828.89124974 0.00 1.50
** receptor =B93+1 property boundary receptor: =C93+1
DISCCART 408579.074661524 3758803.88633942 0.00 1.50

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Appendix B

PM 24 hour Emissions unmitigated

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** receptor =B94+1 property boundary receptor: =C94+1
DISCCART 408578.761319441 3758778.89142706 0.00 1.50
** receptor =B95+1 property boundary receptor: =C95+1
DISCCART 408578.447977358 3758753.8965147 0.00 1.50
** receptor =B96+1 property boundary receptor: =C96+1
DISCCART 408578.134635274 3758728.89160438 0.00 1.50
** receptor =B97+1 property boundary receptor: =C97+1
DISCCART 408567.835575749 3758707.58594108 0.00 1.50
** receptor =B98+1 property boundary receptor: =C98+1
DISCCART 408550.700711301 3758689.38964489 0.00 1.50
** receptor =B99+1 property boundary receptor: =C99+1
DISCCART 408533.565846854 3758671.18335073 0.00 1.50
** receptor =B100+1 property boundary receptor: =C100+1
DISCCART 408513.767574699 3758658.37595763 0.00 1.50
** receptor =B101+1 property boundary receptor: =C101+1
DISCCART 408488.774420638 3758658.81586809 0.00 1.50
** receptor =B102+1 property boundary receptor: =C102+1
DISCCART 408463.773020732 3758659.26577651 0.00 1.50
** receptor =B103+1 property boundary receptor: =C103+1
DISCCART 408438.779866671 3758659.70568697 0.00 1.50
** receptor =B104+1 property boundary receptor: =C104+1
DISCCART 408413.78671261 3758660.15559539 0.00 1.50
** receptor =B105+1 property boundary receptor: =C105+1
DISCCART 408388.785312704 3758660.59550585 0.00 1.50
** receptor =B106+1 property boundary receptor: =C106+1
DISCCART 408363.792158643 3758661.04541427 0.00 1.50
** receptor =B107+1 property boundary receptor: =C107+1
DISCCART 408338.799004582 3758661.48532473 0.00 1.50
** receptor =B108+1 property boundary receptor: =C108+1
DISCCART 408313.797604676 3758661.93523315 0.00 1.50
** receptor =B109+1 property boundary receptor: =C109+1
DISCCART 408288.804450615 3758662.37514361 0.00 1.50
** receptor =B110+1 property boundary receptor: =C110+1
DISCCART 408263.811296553 3758662.81505407 0.00 1.50
** receptor =B111+1 property boundary receptor: =C111+1
DISCCART 408238.809896648 3758663.26496249 0.00 1.50
** receptor =B112+1 property boundary receptor: =C112+1
DISCCART 408213.816742586 3758663.70487295 0.00 1.50
** receptor =B113+1 property boundary receptor: =C113+1
DISCCART 408188.823588525 3758664.15478137 0.00 1.50
** receptor =B114+1 property boundary receptor: =C114+1
DISCCART 408163.822188619 3758664.59469183 0.00 1.50
** receptor =B115+1 property boundary receptor: =C115+1
DISCCART 408138.829034558 3758665.04460025 0.00 1.50
** receptor =B116+1 property boundary receptor: =C116+1
DISCCART 408113.835880497 3758665.48451071 0.00 1.50
** receptor =B117+1 property boundary receptor: =C117+1
DISCCART 408088.834480591 3758665.93441913 0.00 1.50
** receptor =B118+1 property boundary receptor: =C118+1
DISCCART 408063.84132653 3758666.37432959 0.00 1.50
** receptor =B119+1 property boundary receptor: =C119+1
DISCCART 408038.839926624 3758666.82423801 0.00 1.50
** receptor =B120+1 property boundary receptor: =C120+1
DISCCART 408013.846772563 3758667.26414847 0.00 1.50
** receptor =B121+1 property boundary receptor: =C121+1
DISCCART 407988.853618501 3758667.71405689 0.00 1.50
** receptor =B122+1 property boundary receptor: =C122+1
DISCCART 407963.852218596 3758668.15396735 0.00 1.50
** receptor =B123+1 property boundary receptor: =C123+1
DISCCART 407938.859064535 3758668.59387781 0.00 1.50
** receptor =B124+1 property boundary receptor: =C124+1
DISCCART 407913.865910473 3758669.04378623 0.00 1.50
** receptor =B125+1 property boundary receptor: =C125+1
DISCCART 407888.864510568 3758669.48369669 0.00 1.50
** receptor =B126+1 property boundary receptor: =C126+1
DISCCART 407863.871356506 3758669.93360511 0.00 1.50
** receptor =B127+1 property boundary receptor: =C127+1
DISCCART 407838.878202445 3758670.37351557 0.00 1.50
** receptor =B128+1 property boundary receptor: =C128+1
DISCCART 407813.876802539 3758670.82342399 0.00 1.50
** receptor =B129+1 property boundary receptor: =C129+1
DISCCART 407788.883648478 3758671.26333445 0.00 1.50
** receptor =B130+1 property boundary receptor: =C130+1
DISCCART 407763.890494417 3758671.71324287 0.00 1.50
** receptor =B131+1 property boundary receptor: =C131+1
DISCCART 407738.889094511 3758672.15315333 0.00 1.50

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Appendix B

PM 24 hour Emissions unmitigated

** receptor =B132+1 property boundary receptor: =C132+1
DISCCART 407713.89594045 3758672.60306175 0.00 1.50
** receptor =B133+1 property boundary receptor: =C133+1
DISCCART 407688.902786388 3758673.04297221 0.00 1.50
** receptor =B134+1 property boundary receptor: =C134+1
DISCCART 407663.901386483 3758673.49288063 0.00 1.50
** receptor =B135+1 property boundary receptor: =C135+1
DISCCART 407638.908232421 3758673.93279109 0.00 1.50
** receptor =B136+1 property boundary receptor: =C136+1
DISCCART 407613.91507836 3758674.37270154 0.00 1.50
** receptor =B137+1 property boundary receptor: =C137+1
DISCCART 407588.913678454 3758674.82260997 0.00 1.50
** receptor =B138+1 property boundary receptor: =C138+1
DISCCART 407563.920524393 3758675.26252042 0.00 1.50
** receptor =B139+1 property boundary receptor: =C139+1
DISCCART 407538.919124488 3758675.71242885 0.00 1.50
** receptor =B140+1 property boundary receptor: =C140+1
DISCCART 407513.925970426 3758676.1523393 487.00 1.50
** receptor =B141+1 property boundary receptor: =C141+1
DISCCART 407488.916324676 3758676.67223348 504.80 1.50
** receptor =B142+1 property boundary receptor: =C142+1
DISCCART 407463.956153992 3758678.00196282 508.50 1.50
** receptor =B143+1 property boundary receptor: =C143+1
DISCCART 407438.987737464 3758679.33169215 508.00 1.50
** receptor =B144+1 property boundary receptor: =C144+1
DISCCART 407414.02756678 3758680.66142149 499.00 1.50
** receptor =B145+1 property boundary receptor: =C145+1
DISCCART 407389.059150251 3758681.99115083 491.80 1.50
** receptor =B146+1 property boundary receptor: =C146+1
DISCCART 407364.090733723 3758683.32088017 483.60 1.50
** receptor =B147+1 property boundary receptor: =C147+1
DISCCART 407339.130563039 3758684.6506095 473.10 1.50
** receptor =B148+1 property boundary receptor: =C148+1
DISCCART 407314.16214651 3758685.98033884 464.30 1.50
** receptor =B149+1 property boundary receptor: =C149+1
DISCCART 407289.201975826 3758687.31006818 459.00 1.50
** receptor =B150+1 property boundary receptor: =C150+1
DISCCART 407264.233559298 3758688.63979752 450.60 1.50
** receptor =B151+1 property boundary receptor: =C151+1
DISCCART 407239.273388613 3758689.96952686 445.20 1.50
** receptor =B152+1 property boundary receptor: =C152+1
DISCCART 407214.304972085 3758691.29925619 439.20 1.50
** receptor =B153+1 property boundary receptor: =C153+1
DISCCART 407189.344801401 3758692.62898553 421.30 1.50
** receptor =B154+1 property boundary receptor: =C154+1
DISCCART 407164.376384872 3758693.95871487 400.40 1.50
** receptor =B155+1 property boundary receptor: =C155+1
DISCCART 407139.416214188 3758695.27844624 382.00 1.50
** receptor =B156+1 property boundary receptor: =C156+1
DISCCART 407114.44779766 3758696.60817558 377.20 1.50
** receptor =B157+1 property boundary receptor: =C157+1
DISCCART 407089.487626976 3758697.93790491 384.00 1.50
** receptor =B158+1 property boundary receptor: =C158+1
DISCCART 407065.681874493 3758703.39679377 394.00 1.50
** receptor =B159+1 property boundary receptor: =C159+1
DISCCART 407045.124984663 3758717.63389585 400.10 1.50
** receptor =B160+1 property boundary receptor: =C160+1
DISCCART 407024.576340677 3758731.87099793 403.40 1.50
** receptor =B161+1 property boundary receptor: =C161+1
DISCCART 407004.019450847 3758746.09810204 406.20 1.50
** receptor =B162+1 property boundary receptor: =C162+1
DISCCART 406983.470806861 3758760.33520412 410.90 1.50
** receptor =B163+1 property boundary receptor: =C163+1
DISCCART 406962.922162876 3758774.5723062 415.50 1.50
** receptor =B164+1 property boundary receptor: =C164+1
DISCCART 406942.365273046 3758788.80940828 416.90 1.50
** receptor =B165+1 property boundary receptor: =C165+1
DISCCART 406921.81662906 3758803.0365124 418.60 1.50
** receptor =B166+1 property boundary receptor: =C166+1
DISCCART 406901.25973923 3758817.27361448 417.10 1.50
** receptor =B167+1 property boundary receptor: =C167+1
DISCCART 406883.918728675 3758804.44622545 408.20 1.50
** receptor =B168+1 property boundary receptor: =C168+1
DISCCART 406866.511751366 3758786.49987838 407.40 1.50
** receptor =B169+1 property boundary receptor: =C169+1
DISCCART 406849.055298991 3758768.49354352 409.10 1.50

Appendix B

PM 24 hour Emissions unmitigated

** receptor =B170+1 property boundary receptor: =C170+1
DISCCART 406828.828242933 3758753.80653302 404.10 1.50
** receptor =B171+1 property boundary receptor: =C171+1
DISCCART 406808.601186875 3758739.11952251 401.40 1.50
** receptor =B172+1 property boundary receptor: =C172+1
DISCCART 406788.374130817 3758724.42251405 393.80 1.50
** receptor =B173+1 property boundary receptor: =C173+1
DISCCART 406768.138828914 3758709.73550355 388.10 1.50
** receptor =B174+1 property boundary receptor: =C174+1
DISCCART 406747.911772856 3758695.04849305 383.30 1.50
** receptor =B175+1 property boundary receptor: =C175+1
DISCCART 406730.010044889 3758678.56184885 380.60 1.50
** receptor =B176+1 property boundary receptor: =C176+1
DISCCART 406717.971112217 3758656.65630766 379.90 1.50
** receptor =B177+1 property boundary receptor: =C177+1
DISCCART 406705.932179545 3758634.74076851 377.20 1.50
** receptor =B178+1 property boundary receptor: =C178+1
DISCCART 406693.885001028 3758612.83522732 370.10 1.50
** receptor =B179+1 property boundary receptor: =C179+1
DISCCART 406681.846068356 3758590.92968613 364.80 1.50
** receptor =B180+1 property boundary receptor: =C180+1
DISCCART 406667.506545125 3758575.57281197 360.80 1.50
** receptor =B181+1 property boundary receptor: =C181+1
DISCCART 406646.562100613 3758589.22003412 360.80 1.50
** receptor =B182+1 property boundary receptor: =C182+1
DISCCART 406625.617656101 3758602.87725423 364.10 1.50
** receptor =B183+1 property boundary receptor: =C183+1
DISCCART 406625.493968437 3758621.57344868 365.50 1.50
** receptor =B184+1 property boundary receptor: =C184+1
DISCCART 406639.083119837 3758642.55917709 365.90 1.50
** receptor =B185+1 property boundary receptor: =C185+1
DISCCART 406652.672271237 3758663.54490551 370.00 1.50
** receptor =B186+1 property boundary receptor: =C186+1
DISCCART 406666.261422637 3758684.53063393 373.30 1.50
** receptor =B187+1 property boundary receptor: =C187+1
DISCCART 406679.850574036 3758705.51636234 379.60 1.50
** receptor =B188+1 property boundary receptor: =C188+1
DISCCART 406693.439725436 3758726.50209076 382.10 1.50
** receptor =B189+1 property boundary receptor: =C189+1
DISCCART 406707.028876836 3758747.47782121 383.70 1.50
** receptor =B190+1 property boundary receptor: =C190+1
DISCCART 406720.799436811 3758767.88366766 383.80 1.50
** receptor =B191+1 property boundary receptor: =C191+1
DISCCART 406700.250792825 3758782.11077177 390.20 1.50
** receptor =B192+1 property boundary receptor: =C192+1
DISCCART 406681.672905626 3758797.34767034 393.50 1.50
** receptor =B193+1 property boundary receptor: =C193+1
DISCCART 406695.591890798 3758818.11344353 393.70 1.50
** receptor =B194+1 property boundary receptor: =C194+1
DISCCART 406709.510875969 3758838.87921672 397.30 1.50
** receptor =B195+1 property boundary receptor: =C195+1
DISCCART 406723.429861141 3758859.6449899 399.20 1.50
** receptor =B196+1 property boundary receptor: =C196+1
DISCCART 406737.340600469 3758880.41076309 401.00 1.50
** receptor =B197+1 property boundary receptor: =C197+1
DISCCART 406756.833776384 3758895.6076698 402.70 1.50
** receptor =B198+1 property boundary receptor: =C198+1
DISCCART 406778.272971554 3758908.46505272 407.20 1.50
** receptor =B199+1 property boundary receptor: =C199+1
DISCCART 406799.712166724 3758921.32243564 414.50 1.50
** receptor =B200+1 property boundary receptor: =C200+1
DISCCART 406821.151361894 3758934.17981856 416.40 1.50
** receptor =B201+1 property boundary receptor: =C201+1
DISCCART 406830.97216245 3758956.33530887 419.00 1.50
** receptor =B202+1 property boundary receptor: =C202+1
DISCCART 406839.745740781 3758979.75054277 420.50 1.50
** receptor =B203+1 property boundary receptor: =C203+1
DISCCART 406848.519319112 3759003.1557787 430.30 1.50
** receptor =B204+1 property boundary receptor: =C204+1
DISCCART 406844.091300725 3759021.77198942 440.10 1.50
** receptor =B205+1 property boundary receptor: =C205+1
DISCCART 406823.361248165 3759035.73914645 457.90 1.50
** receptor =B206+1 property boundary receptor: =C206+1
DISCCART 406802.62294976 3759049.70630347 460.60 1.50
** receptor =B207+1 property boundary receptor: =C207+1
DISCCART 406781.884651356 3759063.6734605 461.40 1.50

Appendix B

PM 24 hour Emissions unmitigated

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** receptor =B208+1 property boundary receptor: =C208+1
DISCCART 406761.154598795 3759077.63061956 462.50 1.50
** receptor =B209+1 property boundary receptor: =C209+1
DISCCART 406740.416300391 3759091.59777659 445.50 1.50
** receptor =B210+1 property boundary receptor: =C210+1
DISCCART 406747.507726486 3759112.46352942 447.40 1.50
** receptor =B211+1 property boundary receptor: =C211+1
DISCCART 406760.231064234 3759133.97914998 450.90 1.50
** receptor =B212+1 property boundary receptor: =C212+1
DISCCART 406747.763347659 3759149.98589185 441.40 1.50
** receptor =B213+1 property boundary receptor: =C213+1
DISCCART 406732.228177005 3759166.43254418 436.20 1.50
** receptor =B214+1 property boundary receptor: =C214+1
DISCCART 406714.664528654 3759177.07037888 439.50 1.50
** receptor =B215+1 property boundary receptor: =C215+1
DISCCART 406693.579904789 3759190.50764377 445.20 1.50
** receptor =B216+1 property boundary receptor: =C216+1
DISCCART 406672.503526769 3759203.94490865 448.10 1.50
** receptor =B217+1 property boundary receptor: =C217+1
DISCCART 406651.418902904 3759217.37217557 452.50 1.50
** receptor =B218+1 property boundary receptor: =C218+1
DISCCART 406630.334279039 3759230.80944045 453.90 1.50
** receptor =B219+1 property boundary receptor: =C219+1
DISCCART 406609.249655174 3759244.24670534 454.70 1.50
** receptor =B220+1 property boundary receptor: =C220+1
DISCCART 406588.165031309 3759257.67397226 455.40 1.50
** receptor =B221+1 property boundary receptor: =C221+1
DISCCART 406567.080407444 3759271.11123714 453.50 1.50
** receptor =B222+1 property boundary receptor: =C222+1
DISCCART 406545.995783579 3759284.54850202 454.90 1.50
** receptor =B223+1 property boundary receptor: =C223+1
DISCCART 406524.911159714 3759297.97576894 456.00 1.50
** receptor =B224+1 property boundary receptor: =C224+1
DISCCART 406503.826535849 3759311.41303383 454.70 1.50
** receptor =B225+1 property boundary receptor: =C225+1
DISCCART 406482.750157828 3759324.85029871 455.30 1.50
** receptor =B226+1 property boundary receptor: =C226+1
DISCCART 406461.665533963 3759338.28756359 456.70 1.50
** receptor =B227+1 property boundary receptor: =C227+1
DISCCART 406440.580910098 3759351.71483051 457.40 1.50
** receptor =B228+1 property boundary receptor: =C228+1
DISCCART 406419.496286233 3759365.15209539 459.20 1.50
** receptor =B229+1 property boundary receptor: =C229+1
DISCCART 406398.411662368 3759378.58936028 466.20 1.50
** receptor =B230+1 property boundary receptor: =C230+1
DISCCART 406377.021942264 3759392.30656818 476.50 1.50
** receptor =B231+1 property boundary receptor: =C231+1
DISCCART 406375.644886267 3759417.26148868 478.20 1.50
** receptor =B232+1 property boundary receptor: =C232+1
DISCCART 406374.267830269 3759442.22640714 485.00 1.50
** receptor =B233+1 property boundary receptor: =C233+1
DISCCART 406372.890774272 3759467.1913256 487.80 1.50
** receptor =B234+1 property boundary receptor: =C234+1
DISCCART 406351.525791701 3759469.48085958 504.40 1.50
** receptor =B235+1 property boundary receptor: =C235+1
DISCCART 406326.540883484 3759468.72101424 513.00 1.50
** receptor =B236+1 property boundary receptor: =C236+1
DISCCART 406301.547729422 3759467.96116891 518.20 1.50
** receptor =B237+1 property boundary receptor: =C237+1
DISCCART 406276.562821205 3759467.20132357 513.80 1.50
** receptor =B238+1 property boundary receptor: =C238+1
DISCCART 406251.569667144 3759466.4514762 508.90 1.50
** receptor =B239+1 property boundary receptor: =C239+1
DISCCART 406226.584758927 3759465.69163086 506.90 1.50
** receptor =B240+1 property boundary receptor: =C240+1
DISCCART 406201.591604866 3759464.93178553 499.20 1.50
** receptor =B241+1 property boundary receptor: =C241+1
DISCCART 406176.606696648 3759464.17194019 472.60 1.50
** receptor =B242+1 property boundary receptor: =C242+1
DISCCART 406171.354093832 3759484.43781513 453.00 1.50
** receptor =B243+1 property boundary receptor: =C243+1
DISCCART 406171.634452538 3759509.43272749 441.20 1.50
** receptor =B244+1 property boundary receptor: =C244+1
DISCCART 406171.9065654 3759534.43763781 445.70 1.50
** receptor =B245+1 property boundary receptor: =C245+1
DISCCART 406172.186924106 3759559.43255017 456.90 1.50

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Appendix B

PM 24 hour Emissions unmitigated

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** receptor =B246+1 property boundary receptor: =C246+1
DISCCART 406172.459036968 3759584.42746253 473.00 1.50
** receptor =B247+1 property boundary receptor: =C247+1
DISCCART 406172.739395674 3759609.43237285 488.60 1.50
** receptor =B248+1 property boundary receptor: =C248+1
DISCCART 406173.01975438 3759634.42728521 502.60 1.50
** receptor =B249+1 property boundary receptor: =C249+1
DISCCART 406173.291867242 3759659.43219553 508.70 1.50
** receptor =B250+1 property boundary receptor: =C250+1
DISCCART 406173.572225948 3759684.42710789 530.50 1.50
** receptor =B251+1 property boundary receptor: =C251+1
DISCCART 406173.844338809 3759709.42202025 531.00 1.50
** receptor =B252+1 property boundary receptor: =C252+1
DISCCART 406174.124697515 3759734.42693057 523.50 1.50
** receptor =B253+1 property boundary receptor: =C253+1
DISCCART 406174.396810377 3759759.42184293 541.40 1.50
** receptor =B254+1 property boundary receptor: =C254+1
DISCCART 406174.677169083 3759784.41675529 537.90 1.50
** receptor =B255+1 property boundary receptor: =C255+1
DISCCART 406174.957527789 3759809.42166561 527.00 1.50
** receptor =B256+1 property boundary receptor: =C256+1
DISCCART 406175.229640651 3759834.41657797 529.00 1.50
** receptor =B257+1 property boundary receptor: =C257+1
DISCCART 406175.509999357 3759859.41149032 518.70 1.50
** receptor =B258+1 property boundary receptor: =C258+1
DISCCART 406152.330931041 3759859.62144759 499.60 1.50
** receptor =B259+1 property boundary receptor: =C259+1
DISCCART 406127.346022824 3759858.88159818 492.00 1.50
** receptor =B260+1 property boundary receptor: =C260+1
DISCCART 406102.352868763 3759858.14174878 497.80 1.50
** receptor =B261+1 property boundary receptor: =C261+1
DISCCART 406077.367960546 3759857.39190141 548.20 1.50
** receptor =B262+1 property boundary receptor: =C262+1
DISCCART 406052.374806484 3759856.652052 603.20 1.50
** receptor =B263+1 property boundary receptor: =C263+1
DISCCART 406041.308883439 3759870.99913169 598.20 1.50
** receptor =B264+1 property boundary receptor: =C264+1
DISCCART 406041.572750456 3759895.99404405 595.60 1.50
** receptor =B265+1 property boundary receptor: =C265+1
DISCCART 406041.844863318 3759920.98895641 593.00 1.50
** receptor =B266+1 property boundary receptor: =C266+1
DISCCART 406042.108730336 3759945.99386673 652.50 1.50
** receptor =B267+1 property boundary receptor: =C267+1
DISCCART 406042.380843197 3759970.98877909 690.00 1.50
** receptor =B268+1 property boundary receptor: =C268+1
DISCCART 406067.349259726 3759972.61844738 677.10 1.50
** receptor =B269+1 property boundary receptor: =C269+1
DISCCART 406092.334167943 3759973.38829068 646.60 1.50
** receptor =B270+1 property boundary receptor: =C270+1
DISCCART 406117.327322004 3759974.15813398 595.70 1.50
** receptor =B271+1 property boundary receptor: =C271+1
DISCCART 406142.312230221 3759974.91797931 550.00 1.50
** receptor =B272+1 property boundary receptor: =C272+1
DISCCART 406167.305384283 3759975.68782261 501.80 1.50
** receptor =B273+1 property boundary receptor: =C273+1
DISCCART 406187.153131503 3759980.63681526 507.00 1.50
** receptor =B274+1 property boundary receptor: =C274+1
DISCCART 406187.425244365 3760005.64172558 508.40 1.50
** receptor =B275+1 property boundary receptor: =C275+1
DISCCART 406187.697357227 3760030.63663794 512.70 1.50
** receptor =B276+1 property boundary receptor: =C276+1
DISCCART 406187.969470088 3760055.64154826 522.30 1.50
** receptor =B277+1 property boundary receptor: =C277+1
DISCCART 406188.24158295 3760080.63646062 553.60 1.50
** receptor =B278+1 property boundary receptor: =C278+1
DISCCART 406188.505449968 3760105.63137298 605.90 1.50
** receptor =B279+1 property boundary receptor: =C279+1
DISCCART 406188.777562829 3760130.6362833 606.30 1.50
** receptor =B280+1 property boundary receptor: =C280+1
DISCCART 406189.049675691 3760155.63119566 582.80 1.50
** receptor =B281+1 property boundary receptor: =C281+1
DISCCART 406189.321788553 3760180.62610802 621.80 1.50
** receptor =B282+1 property boundary receptor: =C282+1
DISCCART 406189.593901415 3760205.63101834 668.30 1.50
** receptor =B283+1 property boundary receptor: =C283+1
DISCCART 406189.866014277 3760230.6259307 703.70 1.50

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Appendix B

PM 24 hour Emissions unmitigated

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** receptor =B284+1 property boundary receptor: =C284+1
DISCCART 406190.129881294 3760255.62084306 712.50 1.50
** receptor =B285+1 property boundary receptor: =C285+1
DISCCART 406198.210808704 3760273.80714129 709.80 1.50
** receptor =B286+1 property boundary receptor: =C286+1
DISCCART 406223.203962765 3760274.55698866 728.30 1.50
** receptor =B287+1 property boundary receptor: =C287+1
DISCCART 406248.188870983 3760275.29683806 727.10 1.50
** receptor =B288+1 property boundary receptor: =C288+1
DISCCART 406270.568092402 3760282.11545016 720.90 1.50
** receptor =B289+1 property boundary receptor: =C289+1
DISCCART 406289.73968039 3760298.15218592 719.10 1.50
** receptor =B290+1 property boundary receptor: =C290+1
DISCCART 406308.911268379 3760314.19891966 751.70 1.50
** receptor =B291+1 property boundary receptor: =C291+1
DISCCART 406328.082856367 3760330.24565339 769.70 1.50
** receptor =B292+1 property boundary receptor: =C292+1
DISCCART 406347.2626902 3760346.28238916 786.20 1.50
** receptor =B293+1 property boundary receptor: =C293+1
DISCCART 406366.434278188 3760362.32912289 784.80 1.50
** receptor =B294+1 property boundary receptor: =C294+1
DISCCART 406385.605866176 3760378.37585663 759.90 1.50
** receptor =B295+1 property boundary receptor: =C295+1
DISCCART 406404.777454164 3760394.42259036 763.00 1.50
** receptor =B296+1 property boundary receptor: =C296+1
DISCCART 406423.949042153 3760410.45932613 759.20 1.50
** receptor =B297+1 property boundary receptor: =C297+1
DISCCART 406438.560678245 3760430.58522956 791.50 1.50
** receptor =B298+1 property boundary receptor: =C298+1
DISCCART 406453.114593428 3760450.91109229 824.10 1.50
** receptor =B299+1 property boundary receptor: =C299+1
DISCCART 406464.510350245 3760468.4475228 845.30 1.50
** receptor =B300+1 property boundary receptor: =C300+1
DISCCART 406439.665621381 3760465.62809669 847.40 1.50
** receptor =B301+1 property boundary receptor: =C301+1
DISCCART 406414.829138361 3760462.81866854 851.20 1.50
** receptor =B302+1 property boundary receptor: =C302+1
DISCCART 406390.322489114 3760458.31958431 852.80 1.50
** receptor =B303+1 property boundary receptor: =C303+1
DISCCART 406365.972510907 3760452.67073412 847.20 1.50
** receptor =B304+1 property boundary receptor: =C304+1
DISCCART 406354.469558114 3760461.64890664 846.20 1.50
** receptor =B305+1 property boundary receptor: =C305+1
DISCCART 406362.261880974 3760484.3042952 797.40 1.50
** receptor =B306+1 property boundary receptor: =C306+1
DISCCART 406383.824763808 3760496.95172085 792.40 1.50
** receptor =B307+1 property boundary receptor: =C307+1
DISCCART 406405.214483912 3760509.6291404 793.10 1.50
** receptor =B308+1 property boundary receptor: =C308+1
DISCCART 406422.63795291 3760527.56548951 780.80 1.50
** receptor =B309+1 property boundary receptor: =C309+1
DISCCART 406440.053176063 3760545.50183862 786.30 1.50
** receptor =B310+1 property boundary receptor: =C310+1
DISCCART 406459.637056266 3760554.25005794 832.90 1.50
** receptor =B311+1 property boundary receptor: =C311+1
DISCCART 406482.214177949 3760543.50224563 862.30 1.50
** receptor =B312+1 property boundary receptor: =C312+1
DISCCART 406504.783053787 3760532.75443332 891.50 1.50
** receptor =B313+1 property boundary receptor: =C313+1
DISCCART 406527.351929625 3760522.006621 907.40 1.50
** receptor =B314+1 property boundary receptor: =C314+1
DISCCART 406549.920805464 3760511.24881072 919.80 1.50
** receptor =B315+1 property boundary receptor: =C315+1
DISCCART 406572.497927146 3760500.50099841 936.10 1.50
** receptor =B316+1 property boundary receptor: =C316+1
DISCCART 406596.617021712 3760494.71217671 948.10 1.50
** receptor =B317+1 property boundary receptor: =C317+1
DISCCART 406621.107179271 3760489.7231922 949.10 1.50
** receptor =B318+1 property boundary receptor: =C318+1
DISCCART 406645.011881886 3760486.75379661 977.60 1.50
** receptor =B319+1 property boundary receptor: =C319+1
DISCCART 406667.09425291 3760498.49140746 983.80 1.50
** receptor =B320+1 property boundary receptor: =C320+1
DISCCART 406684.064200472 3760513.01845052 969.70 1.50
** receptor =B321+1 property boundary receptor: =C321+1
DISCCART 406685.72986102 3760537.96337305 951.70 1.50

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Appendix B

PM 24 hour Emissions unmitigated

** receptor =B322+1 property boundary receptor: =C322+1
DISCCART 406687.395521567 3760562.90829558 941.20 1.50
** receptor =B323+1 property boundary receptor: =C323+1
DISCCART 406689.061182115 3760587.85321812 928.10 1.50
** receptor =B324+1 property boundary receptor: =C324+1
DISCCART 406690.726842663 3760612.79814065 906.30 1.50
** receptor =B325+1 property boundary receptor: =C325+1
DISCCART 406692.392503211 3760637.74306318 901.10 1.50
** receptor =B326+1 property boundary receptor: =C326+1
DISCCART 406694.058163759 3760662.68798572 914.40 1.50
** receptor =B327+1 property boundary receptor: =C327+1
DISCCART 406695.723824306 3760687.63290825 926.90 1.50
** receptor =B328+1 property boundary receptor: =C328+1
DISCCART 406694.016934537 3760710.82818692 929.80 1.50
** receptor =B329+1 property boundary receptor: =C329+1
DISCCART 406675.661685134 3760727.79473343 928.30 1.50
** receptor =B330+1 property boundary receptor: =C330+1
DISCCART 406657.306435731 3760744.7712779 929.00 1.50
** receptor =B331+1 property boundary receptor: =C331+1
DISCCART 406638.942940484 3760761.74782237 917.90 1.50
** receptor =B332+1 property boundary receptor: =C332+1
DISCCART 406620.587691081 3760778.71436888 909.20 1.50
** receptor =B333+1 property boundary receptor: =C333+1
DISCCART 406600.105013849 3760790.50196955 910.30 1.50
** receptor =B334+1 property boundary receptor: =C334+1
DISCCART 406575.309760051 3760793.6813224 913.60 1.50
** receptor =B335+1 property boundary receptor: =C335+1
DISCCART 406550.514506253 3760796.86067525 911.30 1.50
** receptor =B336+1 property boundary receptor: =C336+1
DISCCART 406525.719252455 3760800.04002811 910.10 1.50
** receptor =B337+1 property boundary receptor: =C337+1
DISCCART 406500.915752812 3760803.20938299 907.50 1.50
** receptor =B338+1 property boundary receptor: =C338+1
DISCCART 406478.025289046 3760812.0775779 899.10 1.50
** receptor =B339+1 property boundary receptor: =C339+1
DISCCART 406457.196286355 3760825.90476341 893.60 1.50
** receptor =B340+1 property boundary receptor: =C340+1
DISCCART 406436.367283663 3760839.72195097 890.60 1.50
** receptor =B341+1 property boundary receptor: =C341+1
DISCCART 406415.538280971 3760853.54913648 882.30 1.50
** receptor =B342+1 property boundary receptor: =C342+1
DISCCART 406392.268508367 3760856.24858702 870.50 1.50
** receptor =B343+1 property boundary receptor: =C343+1
DISCCART 406367.399041971 3760853.71910189 870.50 1.50
** receptor =B344+1 property boundary receptor: =C344+1
DISCCART 406342.521329729 3760851.17961879 866.50 1.50
** receptor =B345+1 property boundary receptor: =C345+1
DISCCART 406317.651863332 3760848.65013366 865.10 1.50
** receptor =B346+1 property boundary receptor: =C346+1
DISCCART 406292.782396936 3760846.11065056 864.20 1.50
** receptor =B347+1 property boundary receptor: =C347+1
DISCCART 406267.912930539 3760843.58116543 872.50 1.50
** receptor =B348+1 property boundary receptor: =C348+1
DISCCART 406244.090686367 3760836.56259404 883.10 1.50
** receptor =B349+1 property boundary receptor: =C349+1
DISCCART 406220.33440895 3760828.76418139 884.50 1.50
** receptor =B350+1 property boundary receptor: =C350+1
DISCCART 406196.586377378 3760820.96576873 881.50 1.50
** receptor =B351+1 property boundary receptor: =C351+1
DISCCART 406172.830099961 3760813.15735811 870.50 1.50
** receptor =B352+1 property boundary receptor: =C352+1
DISCCART 406149.082068388 3760805.35894546 867.20 1.50
** receptor =B353+1 property boundary receptor: =C353+1
DISCCART 406125.334036816 3760797.5605328 863.20 1.50
** receptor =B354+1 property boundary receptor: =C354+1
DISCCART 406105.593485571 3760782.55358742 862.70 1.50
** receptor =B355+1 property boundary receptor: =C355+1
DISCCART 406085.877671859 3760767.17671734 840.90 1.50
** receptor =B356+1 property boundary receptor: =C356+1
DISCCART 406083.428656103 3760744.02143053 840.90 1.50
** receptor =B357+1 property boundary receptor: =C357+1
DISCCART 406083.931652605 3760719.02651817 838.00 1.50
** receptor =B358+1 property boundary receptor: =C358+1
DISCCART 406084.442894952 3760694.03160581 824.10 1.50
** receptor =B359+1 property boundary receptor: =C359+1
DISCCART 406073.797509965 3760679.39458514 814.50 1.50

Appendix B

PM 24 hour Emissions unmitigated

** receptor =B360+1 property boundary receptor: =C360+1
DISCCART 406048.812601748 3760680.15443047 809.20 1.50
** receptor =B361+1 property boundary receptor: =C361+1
DISCCART 406023.827693531 3760680.90427784 763.80 1.50
** receptor =B362+1 property boundary receptor: =C362+1
DISCCART 405998.83453947 3760681.65412521 703.40 1.50
** receptor =B363+1 property boundary receptor: =C363+1
DISCCART 405973.849631253 3760682.40397258 653.30 1.50
** receptor =B364+1 property boundary receptor: =C364+1
DISCCART 405948.856477192 3760683.16381792 647.20 1.50
** receptor =B365+1 property boundary receptor: =C365+1
DISCCART 405923.871568975 3760683.91366529 645.10 1.50
** receptor =B366+1 property boundary receptor: =C366+1
DISCCART 405898.878414913 3760684.66351266 605.30 1.50
** receptor =B367+1 property boundary receptor: =C367+1
DISCCART 405873.893506696 3760685.41336003 562.00 1.50
** receptor =B368+1 property boundary receptor: =C368+1
DISCCART 405848.900352635 3760686.1632074 537.10 1.50
** receptor =B369+1 property boundary receptor: =C369+1
DISCCART 405823.915444418 3760686.92305274 526.20 1.50
** receptor =B370+1 property boundary receptor: =C370+1
DISCCART 405798.922290357 3760687.67290011 521.50 1.50
** receptor =B371+1 property boundary receptor: =C371+1
DISCCART 405774.473362019 3760683.82368361 524.60 1.50
** receptor =B372+1 property boundary receptor: =C372+1
DISCCART 405749.554420556 3760682.28399701 542.50 1.50
** receptor =B373+1 property boundary receptor: =C373+1
DISCCART 405724.55302065 3760682.50395223 549.20 1.50
** receptor =B374+1 property boundary receptor: =C374+1
DISCCART 405699.559866589 3760682.73390543 534.70 1.50
** receptor =B375+1 property boundary receptor: =C375+1
DISCCART 405674.558466684 3760682.96385862 544.60 1.50
** receptor =B376+1 property boundary receptor: =C376+1
DISCCART 405649.557066778 3760683.19381182 556.20 1.50
** receptor =B377+1 property boundary receptor: =C377+1
DISCCART 405632.100614403 3760691.55211051 570.10 1.50
** receptor =B378+1 property boundary receptor: =C378+1
DISCCART 405632.809757013 3760716.54702287 587.70 1.50
** receptor =B379+1 property boundary receptor: =C379+1
DISCCART 405633.518899622 3760741.53193726 599.40 1.50
** receptor =B380+1 property boundary receptor: =C380+1
DISCCART 405634.219796387 3760766.52684962 603.30 1.50
** receptor =B381+1 property boundary receptor: =C381+1
DISCCART 405634.928938997 3760791.51176401 603.50 1.50
** receptor =B382+1 property boundary receptor: =C382+1
DISCCART 405635.638081606 3760816.50667637 604.70 1.50
** receptor =B383+1 property boundary receptor: =C383+1
DISCCART 405636.338978371 3760841.49159076 614.60 1.50
** receptor =B384+1 property boundary receptor: =C384+1
DISCCART 405637.048120981 3760866.48650312 632.00 1.50
** receptor =B385+1 property boundary receptor: =C385+1
DISCCART 405637.75726359 3760891.47141751 654.90 1.50
** receptor =B386+1 property boundary receptor: =C386+1
DISCCART 405638.458160355 3760916.46632987 658.40 1.50
** receptor =B387+1 property boundary receptor: =C387+1
DISCCART 405639.167302965 3760941.45124426 655.80 1.50
** receptor =B388+1 property boundary receptor: =C388+1
DISCCART 405639.876445574 3760966.44615662 659.10 1.50
** receptor =B389+1 property boundary receptor: =C389+1
DISCCART 405644.081826165 3760990.87118498 670.50 1.50
** receptor =B390+1 property boundary receptor: =C390+1
DISCCART 405653.317171777 3761014.1064555 681.40 1.50
** receptor =B391+1 property boundary receptor: =C391+1
DISCCART 405653.762447369 3761038.93140246 695.60 1.50
** receptor =B392+1 property boundary receptor: =C392+1
DISCCART 405654.150002051 3761063.92631482 706.90 1.50
** receptor =B393+1 property boundary receptor: =C393+1
DISCCART 405654.537556733 3761088.92122717 718.70 1.50
** receptor =B394+1 property boundary receptor: =C394+1
DISCCART 405672.802101848 3761096.21974158 721.60 1.50
** receptor =B395+1 property boundary receptor: =C395+1
DISCCART 405697.79525591 3761095.61986368 723.70 1.50
** receptor =B396+1 property boundary receptor: =C396+1
DISCCART 405722.788409971 3761095.01998579 721.30 1.50
** receptor =B397+1 property boundary receptor: =C397+1
DISCCART 405747.781564032 3761094.42010789 720.30 1.50

Appendix B

PM 24 hour Emissions unmitigated

** receptor =B398+1 property boundary receptor: =C398+1
DISCCART 405772.766472249 3761093.82023 722.60 1.50
** receptor =B399+1 property boundary receptor: =C399+1
DISCCART 405797.759626311 3761093.2203521 726.10 1.50
** receptor =B400+1 property boundary receptor: =C400+1
DISCCART 405822.752780372 3761092.6204742 711.70 1.50
** receptor =B401+1 property boundary receptor: =C401+1
DISCCART 405847.745934433 3761092.02059631 659.40 1.50
** receptor =B402+1 property boundary receptor: =C402+1
DISCCART 405872.739088495 3761091.42071841 677.30 1.50
** receptor =B403+1 property boundary receptor: =C403+1
DISCCART 405897.732242556 3761090.82084051 700.10 1.50
** receptor =B404+1 property boundary receptor: =C404+1
DISCCART 405922.725396617 3761090.22096262 713.40 1.50
** receptor =B405+1 property boundary receptor: =C405+1
DISCCART 405947.718550679 3761089.62108472 723.90 1.50
** receptor =B406+1 property boundary receptor: =C406+1
DISCCART 405972.71170474 3761089.02120682 715.50 1.50
** receptor =B407+1 property boundary receptor: =C407+1
DISCCART 405997.704858801 3761088.41133096 696.70 1.50
** receptor =B408+1 property boundary receptor: =C408+1
DISCCART 406022.698012863 3761087.81145306 682.90 1.50
** receptor =B409+1 property boundary receptor: =C409+1
DISCCART 406047.691166924 3761087.21157517 744.00 1.50
** receptor =B410+1 property boundary receptor: =C410+1
DISCCART 406072.684320985 3761086.61169727 811.20 1.50
** receptor =B411+1 property boundary receptor: =C411+1
DISCCART 406097.677475047 3761086.01181937 811.30 1.50
** receptor =B412+1 property boundary receptor: =C412+1
DISCCART 406122.670629108 3761085.41194148 766.50 1.50
** receptor =B413+1 property boundary receptor: =C413+1
DISCCART 406147.663783169 3761084.81206358 718.20 1.50
** receptor =B414+1 property boundary receptor: =C414+1
DISCCART 406172.656937231 3761084.21218569 736.20 1.50
** receptor =B415+1 property boundary receptor: =C415+1
DISCCART 406197.650091292 3761083.61230779 747.10 1.50
** receptor =B416+1 property boundary receptor: =C416+1
DISCCART 406222.643245353 3761083.01242989 735.90 1.50
** receptor =B417+1 property boundary receptor: =C417+1
DISCCART 406247.636399415 3761082.412552 692.90 1.50
** receptor =B418+1 property boundary receptor: =C418+1
DISCCART 406272.629553476 3761081.8126741 695.00 1.50
** receptor =B419+1 property boundary receptor: =C419+1
DISCCART 406297.622707537 3761081.2127962 717.30 1.50
** receptor =B420+1 property boundary receptor: =C420+1
DISCCART 406322.607615754 3761080.61291831 750.80 1.50
** receptor =B421+1 property boundary receptor: =C421+1
DISCCART 406347.600769816 3761080.01304041 702.40 1.50
** receptor =B422+1 property boundary receptor: =C422+1
DISCCART 406372.593923877 3761079.41316251 706.20 1.50
** receptor =B423+1 property boundary receptor: =C423+1
DISCCART 406397.587077938 3761078.81328462 717.80 1.50
** receptor =B424+1 property boundary receptor: =C424+1
DISCCART 406422.580232 3761078.20340875 743.10 1.50
** receptor =B425+1 property boundary receptor: =C425+1
DISCCART 406447.573386061 3761077.60353086 744.20 1.50
** receptor =B426+1 property boundary receptor: =C426+1
DISCCART 406472.566540122 3761077.00365296 689.30 1.50
** receptor =B427+1 property boundary receptor: =C427+1
DISCCART 406497.559694184 3761076.40377506 682.70 1.50
** receptor =B428+1 property boundary receptor: =C428+1
DISCCART 406522.552848245 3761075.80389717 733.00 1.50
** receptor =B429+1 property boundary receptor: =C429+1
DISCCART 406547.546002306 3761075.20401927 766.50 1.50
** receptor =B430+1 property boundary receptor: =C430+1
DISCCART 406572.539156368 3761074.60414137 774.40 1.50
** receptor =B431+1 property boundary receptor: =C431+1
DISCCART 406597.532310429 3761074.00426348 764.30 1.50
** receptor =B432+1 property boundary receptor: =C432+1
DISCCART 406622.52546449 3761073.40438558 788.10 1.50
** receptor =B433+1 property boundary receptor: =C433+1
DISCCART 406647.518618552 3761072.80450769 778.40 1.50
** receptor =B434+1 property boundary receptor: =C434+1
DISCCART 406672.511772613 3761072.20462979 755.40 1.50
** receptor =B435+1 property boundary receptor: =C435+1
DISCCART 406697.504926674 3761071.60475189 797.00 1.50

Appendix B

PM 24 hour Emissions unmitigated

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** receptor =B436+1 property boundary receptor: =C436+1
DISCCART 406722.498080736 3761071.00487399 811.80 1.50
** receptor =B437+1 property boundary receptor: =C437+1
DISCCART 406747.491234797 3761070.4049961 768.50 1.50
** receptor =B438+1 property boundary receptor: =C438+1
DISCCART 406772.484388858 3761069.8051182 740.50 1.50
** receptor =B439+1 property boundary receptor: =C439+1
DISCCART 406797.47754292 3761069.20524031 786.40 1.50
** receptor =B440+1 property boundary receptor: =C440+1
DISCCART 406822.470696981 3761068.60536241 834.10 1.50
** receptor =B441+1 property boundary receptor: =C441+1
DISCCART 406847.463851042 3761068.00548451 852.90 1.50
** receptor =B442+1 property boundary receptor: =C442+1
DISCCART 406872.457005104 3761067.39560865 857.90 1.50
** receptor =B443+1 property boundary receptor: =C443+1
DISCCART 406897.441913321 3761066.79573075 846.20 1.50
** receptor =B444+1 property boundary receptor: =C444+1
DISCCART 406922.435067382 3761066.19585286 825.30 1.50
** receptor =B445+1 property boundary receptor: =C445+1
DISCCART 406947.428221443 3761065.59597496 792.50 1.50
** receptor =B446+1 property boundary receptor: =C446+1
DISCCART 406972.421375505 3761064.99609706 774.10 1.50
** receptor =B447+1 property boundary receptor: =C447+1
DISCCART 406997.414529566 3761064.39621917 781.90 1.50
** receptor =B448+1 property boundary receptor: =C448+1
DISCCART 407021.129577761 3761061.73676049 827.00 1.50
** receptor =B449+1 property boundary receptor: =C449+1
DISCCART 407020.313239176 3761036.7518461 788.80 1.50
** receptor =B450+1 property boundary receptor: =C450+1
DISCCART 407019.496900591 3761011.76693171 840.40 1.50
** receptor =B451+1 property boundary receptor: =C451+1
DISCCART 407018.672316161 3760986.78201732 894.40 1.50
** receptor =B452+1 property boundary receptor: =C452+1
DISCCART 407017.855977576 3760961.78710496 947.50 1.50
** receptor =B453+1 property boundary receptor: =C453+1
DISCCART 407017.039638991 3760936.80219056 989.40 1.50
** receptor =B454+1 property boundary receptor: =C454+1
DISCCART 407016.215054561 3760911.81727617 1033.70 1.50
** receptor =B455+1 property boundary receptor: =C455+1
DISCCART 407015.398715976 3760886.83236178 1047.60 1.50
** receptor =B456+1 property boundary receptor: =C456+1
DISCCART 407014.58237739 3760861.84744738 1031.60 1.50
** receptor =B457+1 property boundary receptor: =C457+1
DISCCART 407013.757792961 3760836.86253299 1013.10 1.50
** receptor =B458+1 property boundary receptor: =C458+1
DISCCART 407012.941454375 3760811.86762063 1004.00 1.50
** receptor =B459+1 property boundary receptor: =C459+1
DISCCART 407012.12511579 3760786.88270624 991.50 1.50
** receptor =B460+1 property boundary receptor: =C460+1
DISCCART 407011.30053136 3760761.89779185 965.40 1.50
** receptor =B461+1 property boundary receptor: =C461+1
DISCCART 407010.484192775 3760736.91287745 929.60 1.50
** receptor =B462+1 property boundary receptor: =C462+1
DISCCART 407009.66785419 3760711.92796306 891.10 1.50
** receptor =B463+1 property boundary receptor: =C463+1
DISCCART 407008.84326976 3760686.94304867 843.80 1.50
** receptor =B464+1 property boundary receptor: =C464+1
DISCCART 407008.026931175 3760661.94813631 807.10 1.50
** receptor =B465+1 property boundary receptor: =C465+1
DISCCART 407031.923387945 3760661.55821568 770.20 1.50
** receptor =B466+1 property boundary receptor: =C466+1
DISCCART 407056.92478785 3760661.34825841 710.10 1.50
** receptor =B467+1 property boundary receptor: =C467+1
DISCCART 407081.926187756 3760661.14829912 721.00 1.50
** receptor =B468+1 property boundary receptor: =C468+1
DISCCART 407106.927587662 3760660.93834185 805.20 1.50
** receptor =B469+1 property boundary receptor: =C469+1
DISCCART 407131.920741723 3760660.73838255 854.60 1.50
** receptor =B470+1 property boundary receptor: =C470+1
DISCCART 407156.922141629 3760660.52842529 878.90 1.50
** receptor =B471+1 property boundary receptor: =C471+1
DISCCART 407181.923541534 3760660.32846599 925.90 1.50
** receptor =B472+1 property boundary receptor: =C472+1
DISCCART 407206.916695596 3760660.11850873 973.50 1.50
** receptor =B473+1 property boundary receptor: =C473+1
DISCCART 407231.918095501 3760659.90855146 1011.30 1.50

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Appendix B

PM 24 hour Emissions unmitigated

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** receptor =B474+1 property boundary receptor: =C474+1
DISCCART 407256.919495407 3760659.70859216 1023.40 1.50
** receptor =B475+1 property boundary receptor: =C475+1
DISCCART 407281.920895313 3760659.4986349 1000.40 1.50
** receptor =B476+1 property boundary receptor: =C476+1
DISCCART 407306.914049374 3760659.2986756 962.40 1.50
** receptor =B477+1 property boundary receptor: =C477+1
DISCCART 407331.91544928 3760659.08871834 935.50 1.50
** receptor =B478+1 property boundary receptor: =C478+1
DISCCART 407356.916849185 3760658.88875904 958.90 1.50
** receptor =B479+1 property boundary receptor: =C479+1
DISCCART 407381.918249091 3760658.67880177 960.10 1.50
** receptor =B480+1 property boundary receptor: =C480+1
DISCCART 407406.911403152 3760658.47884248 955.30 1.50
** receptor =B481+1 property boundary receptor: =C481+1
DISCCART 407431.912803058 3760658.26888521 975.60 1.50
** receptor =B482+1 property boundary receptor: =C482+1
DISCCART 407456.914202963 3760658.06892591 989.10 1.50
** receptor =B483+1 property boundary receptor: =C483+1
DISCCART 407481.907357025 3760657.85896865 995.00 1.50
** receptor =B484+1 property boundary receptor: =C484+1
DISCCART 407506.90875693 3760657.64901139 964.70 1.50
** receptor =B485+1 property boundary receptor: =C485+1
DISCCART 407531.910156836 3760657.44905209 943.60 1.50
** receptor =B486+1 property boundary receptor: =C486+1
DISCCART 407556.911556741 3760657.23909482 0.00 1.50
** receptor =B487+1 property boundary receptor: =C487+1
DISCCART 407581.904710803 3760657.03913552 0.00 1.50
** receptor =B488+1 property boundary receptor: =C488+1
DISCCART 407606.906110708 3760656.82917826 0.00 1.50
** receptor =B489+1 property boundary receptor: =C489+1
DISCCART 407631.907510614 3760656.62921896 0.00 1.50
** receptor =B490+1 property boundary receptor: =C490+1
DISCCART 407656.90891052 3760656.4192617 0.00 1.50
** receptor =B491+1 property boundary receptor: =C491+1
DISCCART 407681.902064581 3760656.2193024 0.00 1.50
** receptor =B492+1 property boundary receptor: =C492+1
DISCCART 407706.903464487 3760656.00934513 0.00 1.50
** receptor =B493+1 property boundary receptor: =C493+1
DISCCART 407731.904864392 3760655.79938787 0.00 1.50
** receptor =B494+1 property boundary receptor: =C494+1
DISCCART 407756.898018454 3760655.59942857 0.00 1.50
** receptor =B495+1 property boundary receptor: =C495+1
DISCCART 407781.899418359 3760655.38947131 0.00 1.50
** receptor =B496+1 property boundary receptor: =C496+1
DISCCART 407806.900818265 3760655.18951201 0.00 1.50
** receptor =B497+1 property boundary receptor: =C497+1
DISCCART 407831.90221817 3760654.97955475 0.00 1.50
** receptor =B498+1 property boundary receptor: =C498+1
DISCCART 407856.895372232 3760654.77959545 0.00 1.50
** receptor =B499+1 property boundary receptor: =C499+1
DISCCART 407881.896772137 3760654.56963818 0.00 1.50
** receptor =B500+1 property boundary receptor: =C500+1
DISCCART 407906.898172043 3760654.36967888 0.00 1.50
** receptor =B501+1 property boundary receptor: =C501+1
DISCCART 407931.899571949 3760654.15972162 0.00 1.50
** receptor =B502+1 property boundary receptor: =C502+1
DISCCART 407956.89272601 3760653.95976232 0.00 1.50
** receptor =B503+1 property boundary receptor: =C503+1
DISCCART 407981.894125916 3760653.74980506 0.00 1.50
** receptor =B504+1 property boundary receptor: =C504+1
DISCCART 408006.895525821 3760653.53984779 0.00 1.50
** receptor =B505+1 property boundary receptor: =C505+1
DISCCART 408031.888679883 3760653.3398885 0.00 1.50
** receptor =B506+1 property boundary receptor: =C506+1
DISCCART 408056.890079788 3760653.12993123 0.00 1.50
** receptor =B507+1 property boundary receptor: =C507+1
DISCCART 408081.891479694 3760652.92997193 0.00 1.50
** receptor =B508+1 property boundary receptor: =C508+1
DISCCART 408106.892879599 3760652.72001467 0.00 1.50
** receptor =B509+1 property boundary receptor: =C509+1
DISCCART 408131.886033661 3760652.52005537 0.00 1.50
** receptor =B510+1 property boundary receptor: =C510+1
DISCCART 408156.887433566 3760652.31009811 0.00 1.50
** receptor =B511+1 property boundary receptor: =C511+1
DISCCART 408181.888833472 3760652.11013881 0.00 1.50

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Appendix B

PM 24 hour Emissions unmitigated

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** receptor =B512+1 property boundary receptor: =C512+1
DISCCART 408206.890233378 3760651.90018154 0.00 1.50
** receptor =B513+1 property boundary receptor: =C513+1
DISCCART 408225.740233438 3760644.93159998 0.00 1.50
** receptor =B514+1 property boundary receptor: =C514+1
DISCCART 408224.940386542 3760619.93668762 0.00 1.50
** receptor =B515+1 property boundary receptor: =C515+1
DISCCART 408224.148785489 3760594.95177323 0.00 1.50
** receptor =B516+1 property boundary receptor: =C516+1
DISCCART 408223.348938593 3760569.96685883 0.00 1.50
** receptor =B517+1 property boundary receptor: =C517+1
DISCCART 408222.549091696 3760544.98194444 0.00 1.50
** receptor =B518+1 property boundary receptor: =C518+1
DISCCART 408221.749244799 3760519.98703208 0.00 1.50
** receptor =B519+1 property boundary receptor: =C519+1
DISCCART 408220.949397902 3760495.00211769 0.00 1.50
** receptor =B520+1 property boundary receptor: =C520+1
DISCCART 408220.149551006 3760470.0172033 0.00 1.50
** receptor =B521+1 property boundary receptor: =C521+1
DISCCART 408219.349704109 3760445.0322889 0.00 1.50
** receptor =B522+1 property boundary receptor: =C522+1
DISCCART 408218.549857212 3760420.03737655 0.00 1.50
** receptor =B523+1 property boundary receptor: =C523+1
DISCCART 408217.750010316 3760395.05246215 0.00 1.50
** receptor =B524+1 property boundary receptor: =C524+1
DISCCART 408216.950163419 3760370.06754776 0.00 1.50
** receptor =B525+1 property boundary receptor: =C525+1
DISCCART 408216.150316522 3760345.08263337 0.00 1.50
** receptor =B526+1 property boundary receptor: =C526+1
DISCCART 408215.350469625 3760320.09771897 0.00 1.50
** receptor =B527+1 property boundary receptor: =C527+1
DISCCART 408214.558868573 3760295.10280662 0.00 1.50
** receptor =B528+1 property boundary receptor: =C528+1
DISCCART 408213.759021676 3760270.11789223 0.00 1.50
** receptor =B529+1 property boundary receptor: =C529+1
DISCCART 408212.95917478 3760245.13297783 0.00 1.50
** receptor =B530+1 property boundary receptor: =C530+1
DISCCART 408212.159327883 3760220.14806344 0.00 1.50
** receptor =B531+1 property boundary receptor: =C531+1
DISCCART 408211.359480986 3760195.15315108 0.00 1.50
** receptor =B532+1 property boundary receptor: =C532+1
DISCCART 408210.559634089 3760170.16823669 0.00 1.50
** receptor =B533+1 property boundary receptor: =C533+1
DISCCART 408209.759787193 3760145.18332229 0.00 1.50
** receptor =B534+1 property boundary receptor: =C534+1
DISCCART 408208.959940296 3760120.1984079 0.00 1.50
** receptor =B535+1 property boundary receptor: =C535+1
DISCCART 408208.160093399 3760095.20349554 0.00 1.50
** receptor =B536+1 property boundary receptor: =C536+1
DISCCART 408207.360246503 3760070.21858115 0.00 1.50
** receptor =B537+1 property boundary receptor: =C537+1
DISCCART 408206.560399606 3760045.23366676 0.00 1.50
** receptor =B538+1 property boundary receptor: =C538+1
DISCCART 408205.760552709 3760020.24875237 0.00 1.50
** receptor =B539+1 property boundary receptor: =C539+1
DISCCART 408204.968951657 3759995.26383797 0.00 1.50
** receptor =B540+1 property boundary receptor: =C540+1
DISCCART 408204.16910476 3759970.26892561 0.00 1.50
** receptor =B541+1 property boundary receptor: =C541+1
DISCCART 408203.369257863 3759945.28401122 0.00 1.50
** receptor =B542+1 property boundary receptor: =C542+1
DISCCART 408202.569410967 3759920.29909683 0.00 1.50
** receptor =B543+1 property boundary receptor: =C543+1
DISCCART 408201.76956407 3759895.31418244 0.00 1.50
** receptor =B544+1 property boundary receptor: =C544+1
DISCCART 408200.969717173 3759870.31927008 0.00 1.50
** receptor =B545+1 property boundary receptor: =C545+1
DISCCART 408201.579909651 3759847.54390594 0.00 1.50
** receptor =B546+1 property boundary receptor: =C546+1
DISCCART 408226.573063712 3759847.1539853 0.00 1.50
** receptor =B547+1 property boundary receptor: =C547+1
DISCCART 408251.574463618 3759846.76406467 0.00 1.50
** receptor =B548+1 property boundary receptor: =C548+1
DISCCART 408276.567617679 3759846.37414404 0.00 1.50
** receptor =B549+1 property boundary receptor: =C549+1
DISCCART 408301.569017585 3759845.98422341 0.00 1.50

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Appendix B

PM 24 hour Emissions unmitigated

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** receptor =B550+1 property boundary receptor: =C550+1
DISCCART 408326.562171646 3759845.59430277 0.00 1.50
** receptor =B551+1 property boundary receptor: =C551+1
DISCCART 408351.563571552 3759845.20438214 0.00 1.50
** receptor =B552+1 property boundary receptor: =C552+1
DISCCART 408376.556725613 3759844.81446151 0.00 1.50
** receptor =B553+1 property boundary receptor: =C553+1
DISCCART 408401.549879674 3759844.42454087 0.00 1.50
** receptor =B554+1 property boundary receptor: =C554+1
DISCCART 408426.55127958 3759844.04461821 0.00 1.50
** receptor =B555+1 property boundary receptor: =C555+1
DISCCART 408451.544433641 3759843.65469757 0.00 1.50
** receptor =B556+1 property boundary receptor: =C556+1
DISCCART 408476.545833547 3759843.26477694 0.00 1.50
** receptor =B557+1 property boundary receptor: =C557+1
DISCCART 408501.538987608 3759842.87485631 0.00 1.50
** receptor =B558+1 property boundary receptor: =C558+1
DISCCART 408526.540387514 3759842.48493568 0.00 1.50
** receptor =B559+1 property boundary receptor: =C559+1
DISCCART 408551.533541575 3759842.09501504 0.00 1.50
** receptor =B560+1 property boundary receptor: =C560+1
DISCCART 408576.534941481 3759841.70509441 0.00 1.50
** receptor =B561+1 property boundary receptor: =C561+1
DISCCART 408601.528095542 3759841.31517378 0.00 1.50
** receptor =B562+1 property boundary receptor: =C562+1
DISCCART 408626.529495448 3759840.93525111 0.00 1.50
** receptor =B563+1 property boundary receptor: =C563+1
DISCCART 408651.522649509 3759840.54533048 0.00 1.50
** receptor =B564+1 property boundary receptor: =C564+1
DISCCART 408676.524049415 3759840.15540984 0.00 1.50
** receptor =B565+1 property boundary receptor: =C565+1
DISCCART 408701.517203476 3759839.76548921 0.00 1.50
** receptor =B566+1 property boundary receptor: =C566+1
DISCCART 408726.510357538 3759839.37556858 0.00 1.50
** receptor =B567+1 property boundary receptor: =C567+1
DISCCART 408751.511757443 3759838.98564795 0.00 1.50
** receptor =B568+1 property boundary receptor: =C568+1
DISCCART 408776.504911504 3759838.59572731 0.00 1.50
** receptor =B569+1 property boundary receptor: =C569+1
DISCCART 408801.506311141 3759838.20580668 0.00 1.50
** receptor =B570+1 property boundary receptor: =C570+1
DISCCART 408826.499465471 3759837.81588605 0.00 1.50
** receptor =B571+1 property boundary receptor: =C571+1
DISCCART 408851.500865377 3759837.43596338 0.00 1.50
** receptor =B572+1 property boundary receptor: =C572+1
DISCCART 408876.494019438 3759837.04604275 0.00 1.50
** receptor =B573+1 property boundary receptor: =C573+1
DISCCART 408901.495419344 3759836.65612211 0.00 1.50
** receptor =B574+1 property boundary receptor: =C574+1
DISCCART 408926.488573405 3759836.26620148 0.00 1.50
** receptor =B575+1 property boundary receptor: =C575+1
DISCCART 408951.489973311 3759835.87628085 0.00 1.50
** receptor =B576+1 property boundary receptor: =C576+1
DISCCART 408976.483127372 3759835.48636022 0.00 1.50
** receptor =B577+1 property boundary receptor: =C577+1
DISCCART 409001.484527278 3759835.09643958 0.00 1.50
** receptor =B578+1 property boundary receptor: =C578+1
DISCCART 409026.477681339 3759834.70651895 0.00 1.50
** receptor =B579+1 property boundary receptor: =C579+1
DISCCART 409051.479081245 3759834.31659832 0.00 1.50
** receptor =B580+1 property boundary receptor: =C580+1
DISCCART 409076.472235306 3759833.93667565 0.00 1.50
** receptor =B581+1 property boundary receptor: =C581+1
DISCCART 409101.465389368 3759833.58674688 0.00 1.50
** receptor =B582+1 property boundary receptor: =C582+1
DISCCART 409126.466789273 3759833.25681403 0.00 1.50
** receptor =B583+1 property boundary receptor: =C583+1
DISCCART 409151.468189179 3759832.91688323 0.00 1.50
** receptor =B584+1 property boundary receptor: =C584+1
DISCCART 409176.46134324 3759832.58695038 0.00 1.50
** receptor =B585+1 property boundary receptor: =C585+1
DISCCART 409201.462743146 3759832.24701957 0.00 1.50
** receptor =B586+1 property boundary receptor: =C586+1
DISCCART 409226.455897207 3759831.91708673 0.00 1.50
** receptor =B587+1 property boundary receptor: =C587+1
DISCCART 409251.457297113 3759831.57715592 0.00 1.50

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Appendix B

PM 24 hour Emissions unmitigated

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** receptor =B588+1 property boundary receptor: =C588+1
DISCCART 409276.450451174 3759831.24722308 0.00 1.50
** receptor =B589+1 property boundary receptor: =C589+1
DISCCART 409301.45185108 3759830.90729227 0.00 1.50
** receptor =B590+1 property boundary receptor: =C590+1
DISCCART 409326.445005141 3759830.57735943 0.00 1.50
** receptor =B591+1 property boundary receptor: =C591+1
DISCCART 409351.446405047 3759830.23742862 0.00 1.50
** receptor =B592+1 property boundary receptor: =C592+1
DISCCART 409376.447804952 3759829.90749578 0.00 1.50
** receptor =B593+1 property boundary receptor: =C593+1
DISCCART 409401.440959014 3759829.56756497 0.00 1.50
** receptor =B594+1 property boundary receptor: =C594+1
DISCCART 409426.442358919 3759829.23763213 0.00 1.50
** receptor =B595+1 property boundary receptor: =C595+1
DISCCART 409451.43551298 3759828.89770132 0.00 1.50
** receptor =B596+1 property boundary receptor: =C596+1
DISCCART 409476.436912886 3759828.56776847 0.00 1.50
** receptor =B597+1 property boundary receptor: =C597+1
DISCCART 409501.430066947 3759828.22783767 0.00 1.50
** receptor =B598+1 property boundary receptor: =C598+1
DISCCART 409526.431466853 3759827.89790482 0.00 1.50
** receptor =B599+1 property boundary receptor: =C599+1
DISCCART 409551.424620914 3759827.55797402 0.00 1.50
** receptor =B600+1 property boundary receptor: =C600+1
DISCCART 409576.42602082 3759827.22804117 0.00 1.50
** receptor =B601+1 property boundary receptor: =C601+1
DISCCART 409601.427420726 3759826.88811036 0.00 1.50
** receptor =B602+1 property boundary receptor: =C602+1
DISCCART 409626.420574787 3759826.55817752 0.00 1.50
** receptor =B603+1 property boundary receptor: =C603+1
DISCCART 409651.421974693 3759826.21824671 0.00 1.50
** receptor =B604+1 property boundary receptor: =C604+1
DISCCART 409676.415128754 3759825.88831387 0.00 1.50
** receptor =B605+1 property boundary receptor: =C605+1
DISCCART 409700.872302936 3759821.52920115 0.00 1.50
** receptor =B606+1 property boundary receptor: =C606+1
DISCCART 409724.579105287 3759813.61081292 0.00 1.50
** receptor =B607+1 property boundary receptor: =C607+1
DISCCART 409748.294153483 3759805.68242672 0.00 1.50
** receptor =B608+1 property boundary receptor: =C608+1
DISCCART 409772.000955834 3759797.76403848 0.00 1.50

** SENSITIVE RECEPTORS

** receptor 1001 (sensitive receptor: T1)
DISCCART 407390.947448644 3759093.38741401 454.30 1.50
** receptor =B9+1 (sensitive receptor: T2)
DISCCART 407365.137955997 3759080.33007179 454.60 1.50
** receptor =B10+1 (sensitive receptor: T3)
DISCCART 407339.781984787 3759067.38270719 459.10 1.50
** receptor =B11+1 (sensitive receptor: T4)
DISCCART 407316.602916471 3759058.85444309 463.60 1.50
** receptor =B12+1 (sensitive receptor: T5)
DISCCART 407283.190755383 3759053.07561936 473.50 1.50
** receptor =B13+1 (sensitive receptor: T6)
DISCCART 407252.936752661 3759048.82648426 475.60 1.50
** receptor =B14+1 (sensitive receptor: T7)
DISCCART 407225.675991418 3759048.53654327 475.60 1.50
** receptor =B15+1 (sensitive receptor: T8)
DISCCART 407196.955715735 3759049.9262604 471.40 1.50
** receptor =B16+1 (sensitive receptor: T9)
DISCCART 407179.012758547 3759047.99665316 465.50 1.50
** receptor =B17+1 (sensitive receptor: T10)
DISCCART 407162.817920349 3759027.3108637 462.40 1.50
** receptor =B18+1 (sensitive receptor: T11)
DISCCART 407144.116345486 3759003.98561149 454.10 1.50
** receptor =B19+1 (sensitive receptor: T12)
DISCCART 407126.461992848 3758984.74952693 443.30 1.50
** receptor =B20+1 (sensitive receptor: T13)
DISCCART 407105.781415354 3758967.54302927 438.30 1.50
** receptor =B21+1 (sensitive receptor: T14)
DISCCART 407088.160046093 3758951.85622227 437.90 1.50
** receptor =B22+1 (sensitive receptor: T15)
DISCCART 407069.524437984 3758935.17961675 437.10 1.50
** receptor =B23+1 (sensitive receptor: T16)

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Appendix B

PM 24 hour Emissions unmitigated

** DISCCART	407049.30562777	3758918.52300715	436.10	1.50
** receptor	=B24+1 (sensitive	receptor: T17)		
** DISCCART	407036.326668848	3758904.9057789	432.80	1.50
** receptor	=B25+1 (sensitive	receptor: T18)		
** DISCCART	407039.682727476	3758879.36097847	436.20	1.50
** receptor	=B26+1 (sensitive	receptor: T19)		
** DISCCART	407046.642220062	3758854.23609257	429.40	1.50
** receptor	=B27+1 (sensitive	receptor: T20)		
** DISCCART	407052.496769513	3758829.11120666	426.40	1.50
** receptor	=B28+1 (sensitive	receptor: T21)		
** DISCCART	407055.861073985	3758804.57620069	422.10	1.50
** receptor	=B29+1 (sensitive	receptor: T22)		
** DISCCART	407059.233624302	3758781.58088132	416.60	1.50
** receptor	=B30+1 (sensitive	receptor: T23)		
** DISCCART	407066.250837798	3758771.76287975	414.60	1.50
** receptor	=B31+1 (sensitive	receptor: T24)		
** DISCCART	407073.952456371	3758765.02425138	410.50	1.50
** receptor	=B32+1 (sensitive	receptor: T25)		
** DISCCART	407083.138326917	3758759.39539712	407.30	1.50
** receptor	=B33+1 (sensitive	receptor: T26)		
** DISCCART	407094.377412692	3758756.73593844	406.70	1.50
** receptor	=B34+1 (sensitive	receptor: T27)		
** DISCCART	407109.327128401	3758764.23441215	408.90	1.50
** receptor	=B35+1 (sensitive	receptor: T28)		
** DISCCART	407134.58414948	3758776.74186629	408.20	1.50
** receptor	=B36+1 (sensitive	receptor: T29)		
** DISCCART	407157.820938706	3758790.81900093	411.00	1.50
** receptor	=B37+1 (sensitive	receptor: T30)		
** DISCCART	407181.601953656	3758803.33645304	415.10	1.50
** receptor	=B38+1 (sensitive	receptor: T31)		
** DISCCART	407205.374722761	3758815.86390311	418.10	1.50
** receptor	=B39+1 (sensitive	receptor: T32)		
** DISCCART	407230.681218906	3758833.47031938	425.00	1.50
** receptor	=B40+1 (sensitive	receptor: T33)		
** DISCCART	407254.025204108	3758858.3052643	428.30	1.50
** receptor	=B41+1 (sensitive	receptor: T34)		
** DISCCART	407272.693795594	3758877.52135292	428.60	1.50
** receptor	2001 (sensitive	receptor: C1)		
** DISCCART	405962.503349551	3758512.50565081	301.80	1.50
** receptor	=B43+1 (sensitive	receptor: C2)		
** DISCCART	405962.503349551	3758487.50074049	298.50	1.50
** receptor	=B44+1 (sensitive	receptor: C3)		
** DISCCART	405962.503349551	3758462.50582813	298.50	1.50
** receptor	=B45+1 (sensitive	receptor: C4)		
** DISCCART	405962.503349551	3758437.50091781	298.50	1.50
** receptor	=B46+1 (sensitive	receptor: C5)		
** DISCCART	405962.503349551	3758412.50600545	296.10	1.50
** receptor	=B47+1 (sensitive	receptor: C6)		
** DISCCART	405962.503349551	3758387.50109513	296.10	1.50
** receptor	=B48+1 (sensitive	receptor: C7)		
** DISCCART	405962.503349551	3758362.50618277	295.20	1.50
** receptor	=B49+1 (sensitive	receptor: C8)		
** DISCCART	405962.503349551	3758337.50127244	295.20	1.50
** receptor	=B50+1 (sensitive	receptor: C9)		
** DISCCART	405962.503349551	3758312.50636009	295.20	1.50
** receptor	=B51+1 (sensitive	receptor: C10)		
** DISCCART	405962.503349551	3758287.50144976	295.20	1.50
** receptor	=B52+1 (sensitive	receptor: C11)		
** DISCCART	405962.503349551	3758262.50653741	295.20	1.50
** receptor	=B53+1 (sensitive	receptor: C12)		
** DISCCART	405962.503349551	3758237.50162708	292.80	1.50
** receptor	=B54+1 (sensitive	receptor: C13)		
** DISCCART	405962.503349551	3758212.50671473	292.40	1.50
** receptor	=B55+1 (sensitive	receptor: C14)		
** DISCCART	405962.503349551	3758187.5018044	291.90	1.50
** receptor	=B56+1 (sensitive	receptor: C15)		
** DISCCART	405962.503349551	3758162.50689204	291.90	1.50
** receptor	=B57+1 (sensitive	receptor: C16)		
** DISCCART	405962.503349551	3758137.50198172	289.60	1.50
** receptor	=B58+1 (sensitive	receptor: C17)		
** DISCCART	405987.496503612	3758512.50565081	304.30	1.50
** receptor	=B59+1 (sensitive	receptor: C18)		
** DISCCART	405987.496503612	3758487.50074049	301.80	1.50
** receptor	=B60+1 (sensitive	receptor: C19)		
** DISCCART	405987.496503612	3758462.50582813	299.70	1.50
** receptor	=B61+1 (sensitive	receptor: C20)		

Appendix B

PM 24 hour Emissions unmitigated

** DISCCART	405987.496503612	3758437.50091781	298.50	1.50
** receptor	=B62+1 (sensitive	receptor: C21)		
** DISCCART	405987.496503612	3758412.50600545	298.50	1.50
** receptor	=B63+1 (sensitive	receptor: C22)		
** DISCCART	405987.496503612	3758387.50109513	298.50	1.50
** receptor	=B64+1 (sensitive	receptor: C23)		
** DISCCART	405987.496503612	3758362.50618277	298.50	1.50
** receptor	=B65+1 (sensitive	receptor: C24)		
** DISCCART	405987.496503612	3758337.50127244	298.50	1.50
** receptor	=B66+1 (sensitive	receptor: C25)		
** DISCCART	405987.496503612	3758312.50636009	298.50	1.50
** receptor	=B67+1 (sensitive	receptor: C26)		
** DISCCART	405987.496503612	3758287.50144976	298.50	1.50
** receptor	=B68+1 (sensitive	receptor: C27)		
** DISCCART	405987.496503612	3758262.50653741	297.80	1.50
** receptor	=B69+1 (sensitive	receptor: C28)		
** DISCCART	405987.496503612	3758237.50162708	295.20	1.50
** receptor	=B70+1 (sensitive	receptor: C29)		
** DISCCART	405987.496503612	3758212.50671473	295.20	1.50
** receptor	=B71+1 (sensitive	receptor: C30)		
** DISCCART	405987.496503612	3758187.5018044	294.50	1.50
** receptor	=B72+1 (sensitive	receptor: C31)		
** DISCCART	405987.496503612	3758162.50689204	293.10	1.50
** receptor	=B73+1 (sensitive	receptor: C32)		
** DISCCART	405987.496503612	3758137.50198172	291.90	1.50
** receptor	=B74+1 (sensitive	receptor: C33)		
** DISCCART	406012.497903518	3758512.50565081	305.50	1.50
** receptor	=B75+1 (sensitive	receptor: C34)		
** DISCCART	406012.497903518	3758487.50074049	305.00	1.50
** receptor	=B76+1 (sensitive	receptor: C35)		
** DISCCART	406012.497903518	3758462.50582813	302.20	1.50
** receptor	=B77+1 (sensitive	receptor: C36)		
** DISCCART	406012.497903518	3758437.50091781	301.80	1.50
** receptor	=B78+1 (sensitive	receptor: C37)		
** DISCCART	406012.497903518	3758412.50600545	301.80	1.50
** receptor	=B79+1 (sensitive	receptor: C38)		
** DISCCART	406012.497903518	3758387.50109513	299.40	1.50
** receptor	=B80+1 (sensitive	receptor: C39)		
** DISCCART	406012.497903518	3758362.50618277	299.40	1.50
** receptor	=B81+1 (sensitive	receptor: C40)		
** DISCCART	406012.497903518	3758337.50127244	299.50	1.50
** receptor	=B82+1 (sensitive	receptor: C41)		
** DISCCART	406012.497903518	3758312.50636009	300.50	1.50
** receptor	=B83+1 (sensitive	receptor: C42)		
** DISCCART	406012.497903518	3758287.50144976	299.40	1.50
** receptor	=B84+1 (sensitive	receptor: C43)		
** DISCCART	406012.497903518	3758262.50653741	298.50	1.50
** receptor	=B85+1 (sensitive	receptor: C44)		
** DISCCART	406012.497903518	3758237.50162708	298.50	1.50
** receptor	=B86+1 (sensitive	receptor: C45)		
** DISCCART	406012.497903518	3758212.50671473	298.50	1.50
** receptor	=B87+1 (sensitive	receptor: C46)		
** DISCCART	406012.497903518	3758187.5018044	296.10	1.50
** receptor	=B88+1 (sensitive	receptor: C47)		
** DISCCART	406012.497903518	3758162.50689204	295.20	1.50
** receptor	=B89+1 (sensitive	receptor: C48)		
** DISCCART	406012.497903518	3758137.50198172	295.20	1.50
** receptor	=B90+1 (sensitive	receptor: C49)		
** DISCCART	406037.499303424	3758512.50565081	308.30	1.50
** receptor	=B91+1 (sensitive	receptor: C50)		
** DISCCART	406037.499303424	3758487.50074049	307.50	1.50
** receptor	=B92+1 (sensitive	receptor: C51)		
** DISCCART	406037.499303424	3758462.50582813	305.00	1.50
** receptor	=B93+1 (sensitive	receptor: C52)		
** DISCCART	406037.499303424	3758437.50091781	305.00	1.50
** receptor	=B94+1 (sensitive	receptor: C53)		
** DISCCART	406037.499303424	3758412.50600545	304.30	1.50
** receptor	=B95+1 (sensitive	receptor: C54)		
** DISCCART	406037.499303424	3758387.50109513	301.80	1.50
** receptor	=B96+1 (sensitive	receptor: C55)		
** DISCCART	406037.499303424	3758362.50618277	301.80	1.50
** receptor	=B97+1 (sensitive	receptor: C56)		
** DISCCART	406037.499303424	3758337.50127244	301.80	1.50
** receptor	=B98+1 (sensitive	receptor: C57)		
** DISCCART	406037.499303424	3758312.50636009	301.80	1.50
** receptor	=B99+1 (sensitive	receptor: C58)		

Appendix B

PM 24 hour Emissions unmitigated

** DISCCART	406037.499303424	3758287.50144976	301.80	1.50
** receptor	=B100+1 (sensitive receptor: C59)			
** DISCCART	406037.499303424	3758262.50653741	301.80	1.50
** receptor	=B101+1 (sensitive receptor: C60)			
** DISCCART	406037.499303424	3758237.50162708	301.00	1.50
** receptor	=B102+1 (sensitive receptor: C61)			
** DISCCART	406037.499303424	3758212.50671473	298.50	1.50
** receptor	=B103+1 (sensitive receptor: C62)			
** DISCCART	406037.499303424	3758187.5018044	298.50	1.50
** receptor	=B104+1 (sensitive receptor: C63)			
** DISCCART	406037.499303424	3758162.50689204	298.50	1.50
** receptor	=B105+1 (sensitive receptor: C64)			
** DISCCART	406037.499303424	3758137.50198172	298.50	1.50
** receptor	=B106+1 (sensitive receptor: C65)			
** DISCCART	406062.500703329	3758512.50565081	311.60	1.50
** receptor	=B107+1 (sensitive receptor: C66)			
** DISCCART	406062.500703329	3758487.50074049	309.20	1.50
** receptor	=B108+1 (sensitive receptor: C67)			
** DISCCART	406062.500703329	3758462.50582813	308.30	1.50
** receptor	=B109+1 (sensitive receptor: C68)			
** DISCCART	406062.500703329	3758437.50091781	306.00	1.50
** receptor	=B110+1 (sensitive receptor: C69)			
** DISCCART	406062.500703329	3758412.50600545	305.50	1.50
** receptor	=B111+1 (sensitive receptor: C70)			
** DISCCART	406062.500703329	3758387.50109513	305.00	1.50
** receptor	=B112+1 (sensitive receptor: C71)			
** DISCCART	406062.500703329	3758362.50618277	305.00	1.50
** receptor	=B113+1 (sensitive receptor: C72)			
** DISCCART	406062.500703329	3758337.50127244	305.00	1.50
** receptor	=B114+1 (sensitive receptor: C73)			
** DISCCART	406062.500703329	3758312.50636009	305.00	1.50
** receptor	=B115+1 (sensitive receptor: C74)			
** DISCCART	406062.500703329	3758287.50144976	305.00	1.50
** receptor	=B116+1 (sensitive receptor: C75)			
** DISCCART	406062.500703329	3758262.50653741	303.80	1.50
** receptor	=B117+1 (sensitive receptor: C76)			
** DISCCART	406062.500703329	3758237.50162708	302.70	1.50
** receptor	=B118+1 (sensitive receptor: C77)			
** DISCCART	406062.500703329	3758212.50671473	301.80	1.50
** receptor	=B119+1 (sensitive receptor: C78)			
** DISCCART	406062.500703329	3758187.5018044	299.40	1.50
** receptor	=B120+1 (sensitive receptor: C79)			
** DISCCART	406062.500703329	3758162.50689204	298.90	1.50
** receptor	=B121+1 (sensitive receptor: C80)			
** DISCCART	406062.500703329	3758137.50198172	299.40	1.50
** receptor	=B122+1 (sensitive receptor: C81)			
** DISCCART	406087.502103235	3758512.50565081	311.60	1.50
** receptor	=B123+1 (sensitive receptor: C82)			
** DISCCART	406087.502103235	3758487.50074049	311.60	1.50
** receptor	=B124+1 (sensitive receptor: C83)			
** DISCCART	406087.502103235	3758462.50582813	311.20	1.50
** receptor	=B125+1 (sensitive receptor: C84)			
** DISCCART	406087.502103235	3758437.50091781	308.30	1.50
** receptor	=B126+1 (sensitive receptor: C85)			
** DISCCART	406087.502103235	3758412.50600545	308.30	1.50
** receptor	=B127+1 (sensitive receptor: C86)			
** DISCCART	406087.502103235	3758387.50109513	308.30	1.50
** receptor	=B128+1 (sensitive receptor: C87)			
** DISCCART	406087.502103235	3758362.50618277	308.30	1.50
** receptor	=B129+1 (sensitive receptor: C88)			
** DISCCART	406087.502103235	3758337.50127244	307.60	1.50
** receptor	=B130+1 (sensitive receptor: C89)			
** DISCCART	406087.502103235	3758312.50636009	307.60	1.50
** receptor	=B131+1 (sensitive receptor: C90)			
** DISCCART	406087.502103235	3758287.50144976	307.50	1.50
** receptor	=B132+1 (sensitive receptor: C91)			
** DISCCART	406087.502103235	3758262.50653741	305.00	1.50
** receptor	=B133+1 (sensitive receptor: C92)			
** DISCCART	406087.502103235	3758237.50162708	305.00	1.50
** receptor	=B134+1 (sensitive receptor: C93)			
** DISCCART	406087.502103235	3758212.50671473	304.30	1.50
** receptor	=B135+1 (sensitive receptor: C94)			
** DISCCART	406087.502103235	3758187.5018044	301.80	1.50
** receptor	=B136+1 (sensitive receptor: C95)			
** DISCCART	406087.502103235	3758162.50689204	301.80	1.50
** receptor	=B137+1 (sensitive receptor: C96)			

Appendix B

PM 24 hour Emissions unmitigated

DISCCART	406087.502103235	3758137.50198172	301.80	1.50
** receptor	=B138+1 (sensitive receptor: C97)			
DISCCART	406112.495257296	3758512.50565081	314.90	1.50
** receptor	=B139+1 (sensitive receptor: C98)			
DISCCART	406112.495257296	3758487.50074049	314.80	1.50
** receptor	=B140+1 (sensitive receptor: C99)			
DISCCART	406112.495257296	3758462.50582813	312.00	1.50
** receptor	=B141+1 (sensitive receptor: C100)			
DISCCART	406112.495257296	3758437.50091781	311.60	1.50
** receptor	=B142+1 (sensitive receptor: C101)			
DISCCART	406112.495257296	3758412.50600545	311.60	1.50
** receptor	=B143+1 (sensitive receptor: C102)			
DISCCART	406112.495257296	3758387.50109513	309.20	1.50
** receptor	=B144+1 (sensitive receptor: C103)			
DISCCART	406112.495257296	3758362.50618277	309.20	1.50
** receptor	=B145+1 (sensitive receptor: C104)			
DISCCART	406112.495257296	3758337.50127244	309.20	1.50
** receptor	=B146+1 (sensitive receptor: C105)			
DISCCART	406112.495257296	3758312.50636009	308.30	1.50
** receptor	=B147+1 (sensitive receptor: C106)			
DISCCART	406112.495257296	3758287.50144976	308.30	1.50
** receptor	=B148+1 (sensitive receptor: C107)			
DISCCART	406112.495257296	3758262.50653741	308.30	1.50
** receptor	=B149+1 (sensitive receptor: C108)			
DISCCART	406112.495257296	3758237.50162708	308.30	1.50
** receptor	=B150+1 (sensitive receptor: C109)			
DISCCART	406112.495257296	3758212.50671473	306.00	1.50
** receptor	=B151+1 (sensitive receptor: C110)			
DISCCART	406112.495257296	3758187.5018044	306.00	1.50
** receptor	=B152+1 (sensitive receptor: C111)			
DISCCART	406112.495257296	3758162.50689204	305.00	1.50
** receptor	=B153+1 (sensitive receptor: C112)			
DISCCART	406112.495257296	3758137.50198172	305.00	1.50
** receptor	=B154+1 (sensitive receptor: C113)			
DISCCART	406137.496657202	3758512.50565081	318.20	1.50
** receptor	=B155+1 (sensitive receptor: C114)			
DISCCART	406137.496657202	3758487.50074049	314.90	1.50
** receptor	=B156+1 (sensitive receptor: C115)			
DISCCART	406137.496657202	3758462.50582813	314.90	1.50
** receptor	=B157+1 (sensitive receptor: C116)			
DISCCART	406137.496657202	3758437.50091781	314.10	1.50
** receptor	=B158+1 (sensitive receptor: C117)			
DISCCART	406137.496657202	3758412.50600545	311.60	1.50
** receptor	=B159+1 (sensitive receptor: C118)			
DISCCART	406137.496657202	3758387.50109513	311.60	1.50
** receptor	=B160+1 (sensitive receptor: C119)			
DISCCART	406137.496657202	3758362.50618277	311.60	1.50
** receptor	=B161+1 (sensitive receptor: C120)			
DISCCART	406137.496657202	3758337.50127244	311.60	1.50
** receptor	=B162+1 (sensitive receptor: C121)			
DISCCART	406137.496657202	3758312.50636009	311.60	1.50
** receptor	=B163+1 (sensitive receptor: C122)			
DISCCART	406137.496657202	3758287.50144976	311.60	1.50
** receptor	=B164+1 (sensitive receptor: C123)			
DISCCART	406137.496657202	3758262.50653741	310.90	1.50
** receptor	=B165+1 (sensitive receptor: C124)			
DISCCART	406137.496657202	3758237.50162708	310.90	1.50
** receptor	=B166+1 (sensitive receptor: C125)			
DISCCART	406137.496657202	3758212.50671473	309.50	1.50
** receptor	=B167+1 (sensitive receptor: C126)			
DISCCART	406137.496657202	3758187.5018044	308.30	1.50
** receptor	=B168+1 (sensitive receptor: C127)			
DISCCART	406137.496657202	3758162.50689204	308.30	1.50
** receptor	=B169+1 (sensitive receptor: C128)			
DISCCART	406137.496657202	3758137.50198172	308.30	1.50
** receptor	=B170+1 (sensitive receptor: C129)			
DISCCART	406162.498057107	3758512.50565081	320.20	1.50
** receptor	=B171+1 (sensitive receptor: C130)			
DISCCART	406162.498057107	3758487.50074049	318.20	1.50
** receptor	=B172+1 (sensitive receptor: C131)			
DISCCART	406162.498057107	3758462.50582813	316.90	1.50
** receptor	=B173+1 (sensitive receptor: C132)			
DISCCART	406162.498057107	3758437.50091781	314.90	1.50
** receptor	=B174+1 (sensitive receptor: C133)			
DISCCART	406162.498057107	3758412.50600545	314.90	1.50
** receptor	=B175+1 (sensitive receptor: C134)			

Appendix B

PM 24 hour Emissions unmitigated

** receptor	DISCCART	406162.498057107	3758387.50109513	314.90	1.50
	=B176+1 (sensitive receptor: C135)				
** receptor	DISCCART	406162.498057107	3758362.50618277	312.50	1.50
	=B177+1 (sensitive receptor: C136)				
** receptor	DISCCART	406162.498057107	3758337.50127244	312.50	1.50
	=B178+1 (sensitive receptor: C137)				
** receptor	DISCCART	406162.498057107	3758312.50636009	312.00	1.50
	=B179+1 (sensitive receptor: C138)				
** receptor	DISCCART	406162.498057107	3758287.50144976	311.60	1.50
	=B180+1 (sensitive receptor: C139)				
** receptor	DISCCART	406162.498057107	3758262.50653741	311.60	1.50
	=B181+1 (sensitive receptor: C140)				
** receptor	DISCCART	406162.498057107	3758237.50162708	311.60	1.50
	=B182+1 (sensitive receptor: C141)				
** receptor	DISCCART	406162.498057107	3758212.50671473	311.60	1.50
	=B183+1 (sensitive receptor: C142)				
** receptor	DISCCART	406162.498057107	3758187.5018044	311.60	1.50
	=B184+1 (sensitive receptor: C143)				
** receptor	DISCCART	406162.498057107	3758162.50689204	311.60	1.50
	=B185+1 (sensitive receptor: C144)				
** receptor	DISCCART	406162.498057107	3758137.50198172	311.60	1.50
	=B186+1 (sensitive receptor: C145)				
** receptor	DISCCART	406187.499457013	3758512.50565081	321.40	1.50
	=B187+1 (sensitive receptor: C146)				
** receptor	DISCCART	406187.499457013	3758487.50074049	320.70	1.50
	=B188+1 (sensitive receptor: C147)				
** receptor	DISCCART	406187.499457013	3758462.50582813	318.20	1.50
	=B189+1 (sensitive receptor: C148)				
** receptor	DISCCART	406187.499457013	3758437.50091781	318.20	1.50
	=B190+1 (sensitive receptor: C149)				
** receptor	DISCCART	406187.499457013	3758412.50600545	317.80	1.50
	=B191+1 (sensitive receptor: C150)				
** receptor	DISCCART	406187.499457013	3758387.50109513	317.40	1.50
	=B192+1 (sensitive receptor: C151)				
** receptor	DISCCART	406187.499457013	3758362.50618277	314.90	1.50
	=B193+1 (sensitive receptor: C152)				
** receptor	DISCCART	406187.499457013	3758337.50127244	314.90	1.50
	=B194+1 (sensitive receptor: C153)				
** receptor	DISCCART	406187.499457013	3758312.50636009	314.90	1.50
	=B195+1 (sensitive receptor: C154)				
** receptor	DISCCART	406187.499457013	3758287.50144976	314.90	1.50
	=B196+1 (sensitive receptor: C155)				
** receptor	DISCCART	406187.499457013	3758262.50653741	314.90	1.50
	=B197+1 (sensitive receptor: C156)				
** receptor	DISCCART	406187.499457013	3758237.50162708	314.90	1.50
	=B198+1 (sensitive receptor: C157)				
** receptor	DISCCART	406187.499457013	3758212.50671473	314.90	1.50
	=B199+1 (sensitive receptor: C158)				
** receptor	DISCCART	406187.499457013	3758187.5018044	314.90	1.50
	=B200+1 (sensitive receptor: C159)				
** receptor	DISCCART	406187.499457013	3758162.50689204	314.20	1.50
	=B201+1 (sensitive receptor: C160)				
** receptor	DISCCART	406187.499457013	3758137.50198172	311.60	1.50
	=B202+1 (sensitive receptor: C161)				
** receptor	DISCCART	406212.500856919	3758512.50565081	324.70	1.50
	=B203+1 (sensitive receptor: C162)				
** receptor	DISCCART	406212.500856919	3758487.50074049	322.40	1.50
	=B204+1 (sensitive receptor: C163)				
** receptor	DISCCART	406212.500856919	3758462.50582813	321.40	1.50
	=B205+1 (sensitive receptor: C164)				
** receptor	DISCCART	406212.500856919	3758437.50091781	321.40	1.50
	=B206+1 (sensitive receptor: C165)				
** receptor	DISCCART	406212.500856919	3758412.50600545	319.10	1.50
	=B207+1 (sensitive receptor: C166)				
** receptor	DISCCART	406212.500856919	3758387.50109513	318.20	1.50
	=B208+1 (sensitive receptor: C167)				
** receptor	DISCCART	406212.500856919	3758362.50618277	319.10	1.50
	=B209+1 (sensitive receptor: C168)				
** receptor	DISCCART	406212.500856919	3758337.50127244	318.20	1.50
	=B210+1 (sensitive receptor: C169)				
** receptor	DISCCART	406212.500856919	3758312.50636009	318.20	1.50
	=B211+1 (sensitive receptor: C170)				
** receptor	DISCCART	406212.500856919	3758287.50144976	318.20	1.50
	=B212+1 (sensitive receptor: C171)				
** receptor	DISCCART	406212.500856919	3758262.50653741	318.20	1.50
	=B213+1 (sensitive receptor: C172)				

Appendix B

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** receptor	DISCCART	406212.500856919	3758237.50162708	318.20	1.50
** receptor	=B214+1 (sensitive receptor: C173)				
** receptor	DISCCART	406212.500856919	3758212.50671473	318.20	1.50
** receptor	=B215+1 (sensitive receptor: C174)				
** receptor	DISCCART	406212.500856919	3758187.5018044	318.20	1.50
** receptor	=B216+1 (sensitive receptor: C175)				
** receptor	DISCCART	406212.500856919	3758162.50689204	316.90	1.50
** receptor	=B217+1 (sensitive receptor: C176)				
** receptor	DISCCART	406212.500856919	3758137.50198172	314.90	1.50
** receptor	=B218+1 (sensitive receptor: C177)				
** receptor	DISCCART	406237.502256824	3758512.50565081	329.20	1.50
** receptor	=B219+1 (sensitive receptor: C178)				
** receptor	DISCCART	406237.502256824	3758487.50074049	327.30	1.50
** receptor	=B220+1 (sensitive receptor: C179)				
** receptor	DISCCART	406237.502256824	3758462.50582813	324.70	1.50
** receptor	=B221+1 (sensitive receptor: C180)				
** receptor	DISCCART	406237.502256824	3758437.50091781	323.90	1.50
** receptor	=B222+1 (sensitive receptor: C181)				
** receptor	DISCCART	406237.502256824	3758412.50600545	321.40	1.50
** receptor	=B223+1 (sensitive receptor: C182)				
** receptor	DISCCART	406237.502256824	3758387.50109513	321.40	1.50
** receptor	=B224+1 (sensitive receptor: C183)				
** receptor	DISCCART	406237.502256824	3758362.50618277	321.40	1.50
** receptor	=B225+1 (sensitive receptor: C184)				
** receptor	DISCCART	406237.502256824	3758337.50127244	320.70	1.50
** receptor	=B226+1 (sensitive receptor: C185)				
** receptor	DISCCART	406237.502256824	3758312.50636009	320.70	1.50
** receptor	=B227+1 (sensitive receptor: C186)				
** receptor	DISCCART	406237.502256824	3758287.50144976	320.70	1.50
** receptor	=B228+1 (sensitive receptor: C187)				
** receptor	DISCCART	406237.502256824	3758262.50653741	320.70	1.50
** receptor	=B229+1 (sensitive receptor: C188)				
** receptor	DISCCART	406237.502256824	3758237.50162708	320.70	1.50
** receptor	=B230+1 (sensitive receptor: C189)				
** receptor	DISCCART	406237.502256824	3758212.50671473	321.40	1.50
** receptor	=B231+1 (sensitive receptor: C190)				
** receptor	DISCCART	406237.502256824	3758187.5018044	321.40	1.50
** receptor	=B232+1 (sensitive receptor: C191)				
** receptor	DISCCART	406237.502256824	3758162.50689204	318.20	1.50
** receptor	=B233+1 (sensitive receptor: C192)				
** receptor	DISCCART	406237.502256824	3758137.50198172	318.10	1.50
** receptor	=B234+1 (sensitive receptor: C193)				
** receptor	DISCCART	406262.495410886	3758512.50565081	333.30	1.50
** receptor	=B235+1 (sensitive receptor: C194)				
** receptor	DISCCART	406262.495410886	3758487.50074049	331.30	1.50
** receptor	=B236+1 (sensitive receptor: C195)				
** receptor	DISCCART	406262.495410886	3758462.50582813	328.90	1.50
** receptor	=B237+1 (sensitive receptor: C196)				
** receptor	DISCCART	406262.495410886	3758437.50091781	327.90	1.50
** receptor	=B238+1 (sensitive receptor: C197)				
** receptor	DISCCART	406262.495410886	3758412.50600545	325.20	1.50
** receptor	=B239+1 (sensitive receptor: C198)				
** receptor	DISCCART	406262.495410886	3758387.50109513	324.70	1.50
** receptor	=B240+1 (sensitive receptor: C199)				
** receptor	DISCCART	406262.495410886	3758362.50618277	324.70	1.50
** receptor	=B241+1 (sensitive receptor: C200)				
** receptor	DISCCART	406262.495410886	3758337.50127244	322.40	1.50
** receptor	=B242+1 (sensitive receptor: C201)				
** receptor	DISCCART	406262.495410886	3758312.50636009	321.40	1.50
** receptor	=B243+1 (sensitive receptor: C202)				
** receptor	DISCCART	406262.495410886	3758287.50144976	321.40	1.50
** receptor	=B244+1 (sensitive receptor: C203)				
** receptor	DISCCART	406262.495410886	3758262.50653741	321.90	1.50
** receptor	=B245+1 (sensitive receptor: C204)				
** receptor	DISCCART	406262.495410886	3758237.50162708	322.40	1.50
** receptor	=B246+1 (sensitive receptor: C205)				
** receptor	DISCCART	406262.495410886	3758212.50671473	321.40	1.50
** receptor	=B247+1 (sensitive receptor: C206)				
** receptor	DISCCART	406262.495410886	3758187.5018044	321.40	1.50
** receptor	=B248+1 (sensitive receptor: C207)				
** receptor	DISCCART	406262.495410886	3758162.50689204	321.40	1.50
** receptor	=B249+1 (sensitive receptor: C208)				
** receptor	DISCCART	406262.495410886	3758137.50198172	318.20	1.50
** receptor	=B250+1 (sensitive receptor: C209)				
** receptor	DISCCART	406287.496810791	3758512.50565081	335.80	1.50
** receptor	=B251+1 (sensitive receptor: C210)				

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** DISCCART	406287.496810791	3758487.50074049	334.50	1.50
** receptor	=B252+1 (sensitive receptor: C211)			
** DISCCART	406287.496810791	3758462.50582813	332.50	1.50
** receptor	=B253+1 (sensitive receptor: C212)			
** DISCCART	406287.496810791	3758437.50091781	330.60	1.50
** receptor	=B254+1 (sensitive receptor: C213)			
** DISCCART	406287.496810791	3758412.50600545	329.20	1.50
** receptor	=B255+1 (sensitive receptor: C214)			
** DISCCART	406287.496810791	3758387.50109513	328.00	1.50
** receptor	=B256+1 (sensitive receptor: C215)			
** DISCCART	406287.496810791	3758362.50618277	327.60	1.50
** receptor	=B257+1 (sensitive receptor: C216)			
** DISCCART	406287.496810791	3758337.50127244	327.20	1.50
** receptor	=B258+1 (sensitive receptor: C217)			
** DISCCART	406287.496810791	3758312.50636009	324.70	1.50
** receptor	=B259+1 (sensitive receptor: C218)			
** DISCCART	406287.496810791	3758287.50144976	324.70	1.50
** receptor	=B260+1 (sensitive receptor: C219)			
** DISCCART	406287.496810791	3758262.50653741	324.70	1.50
** receptor	=B261+1 (sensitive receptor: C220)			
** DISCCART	406287.496810791	3758237.50162708	324.70	1.50
** receptor	=B262+1 (sensitive receptor: C221)			
** DISCCART	406287.496810791	3758212.50671473	324.70	1.50
** receptor	=B263+1 (sensitive receptor: C222)			
** DISCCART	406287.496810791	3758187.5018044	321.40	1.50
** receptor	=B264+1 (sensitive receptor: C223)			
** DISCCART	406287.496810791	3758162.50689204	321.40	1.50
** receptor	=B265+1 (sensitive receptor: C224)			
** DISCCART	406287.496810791	3758137.50198172	321.40	1.50
** receptor	=B266+1 (sensitive receptor: C225)			
** DISCCART	406312.498210697	3758512.50565081	338.30	1.50
** receptor	=B267+1 (sensitive receptor: C226)			
** DISCCART	406312.498210697	3758487.50074049	335.50	1.50
** receptor	=B268+1 (sensitive receptor: C227)			
** DISCCART	406312.498210697	3758462.50582813	334.60	1.50
** receptor	=B269+1 (sensitive receptor: C228)			
** DISCCART	406312.498210697	3758437.50091781	334.60	1.50
** receptor	=B270+1 (sensitive receptor: C229)			
** DISCCART	406312.498210697	3758412.50600545	332.20	1.50
** receptor	=B271+1 (sensitive receptor: C230)			
** DISCCART	406312.498210697	3758387.50109513	331.30	1.50
** receptor	=B272+1 (sensitive receptor: C231)			
** DISCCART	406312.498210697	3758362.50618277	331.30	1.50
** receptor	=B273+1 (sensitive receptor: C232)			
** DISCCART	406312.498210697	3758337.50127244	328.90	1.50
** receptor	=B274+1 (sensitive receptor: C233)			
** DISCCART	406312.498210697	3758312.50636009	328.00	1.50
** receptor	=B275+1 (sensitive receptor: C234)			
** DISCCART	406312.498210697	3758287.50144976	328.00	1.50
** receptor	=B276+1 (sensitive receptor: C235)			
** DISCCART	406312.498210697	3758262.50653741	328.00	1.50
** receptor	=B277+1 (sensitive receptor: C236)			
** DISCCART	406312.498210697	3758237.50162708	328.00	1.50
** receptor	=B278+1 (sensitive receptor: C237)			
** DISCCART	406312.498210697	3758212.50671473	325.20	1.50
** receptor	=B279+1 (sensitive receptor: C238)			
** DISCCART	406312.498210697	3758187.5018044	324.70	1.50
** receptor	=B280+1 (sensitive receptor: C239)			
** DISCCART	406312.498210697	3758162.50689204	322.40	1.50
** receptor	=B281+1 (sensitive receptor: C240)			
** DISCCART	406312.498210697	3758137.50198172	321.40	1.50
** receptor	=B282+1 (sensitive receptor: C241)			
** DISCCART	406337.499610602	3758512.50565081	341.10	1.50
** receptor	=B283+1 (sensitive receptor: C242)			
** DISCCART	406337.499610602	3758487.50074049	337.80	1.50
** receptor	=B284+1 (sensitive receptor: C243)			
** DISCCART	406337.499610602	3758462.50582813	337.50	1.50
** receptor	=B285+1 (sensitive receptor: C244)			
** DISCCART	406337.499610602	3758437.50091781	337.10	1.50
** receptor	=B286+1 (sensitive receptor: C245)			
** DISCCART	406337.499610602	3758412.50600545	334.60	1.50
** receptor	=B287+1 (sensitive receptor: C246)			
** DISCCART	406337.499610602	3758387.50109513	334.60	1.50
** receptor	=B288+1 (sensitive receptor: C247)			
** DISCCART	406337.499610602	3758362.50618277	334.20	1.50
** receptor	=B289+1 (sensitive receptor: C248)			

Appendix B

PM 24 hour Emissions unmitigated

** DISCCART	406337.499610602	3758337.50127244	331.30	1.50
** receptor	=B290+1 (sensitive receptor: C249)			
** DISCCART	406337.499610602	3758312.50636009	331.30	1.50
** receptor	=B291+1 (sensitive receptor: C250)			
** DISCCART	406337.499610602	3758287.50144976	328.00	1.50
** receptor	=B292+1 (sensitive receptor: C251)			
** DISCCART	406337.499610602	3758262.50653741	328.00	1.50
** receptor	=B293+1 (sensitive receptor: C252)			
** DISCCART	406337.499610602	3758237.50162708	328.00	1.50
** receptor	=B294+1 (sensitive receptor: C253)			
** DISCCART	406337.499610602	3758212.50671473	326.30	1.50
** receptor	=B295+1 (sensitive receptor: C254)			
** DISCCART	406337.499610602	3758187.5018044	324.70	1.50
** receptor	=B296+1 (sensitive receptor: C255)			
** DISCCART	406337.499610602	3758162.50689204	324.70	1.50
** receptor	=B297+1 (sensitive receptor: C256)			
** DISCCART	406337.499610602	3758137.50198172	324.60	1.50
** receptor	=B298+1 (sensitive receptor: C257)			
** DISCCART	406362.501010508	3758512.50565081	343.20	1.50
** receptor	=B299+1 (sensitive receptor: C258)			
** DISCCART	406362.501010508	3758487.50074049	341.10	1.50
** receptor	=B300+1 (sensitive receptor: C259)			
** DISCCART	406362.501010508	3758462.50582813	341.10	1.50
** receptor	=B301+1 (sensitive receptor: C260)			
** DISCCART	406362.501010508	3758437.50091781	338.80	1.50
** receptor	=B302+1 (sensitive receptor: C261)			
** DISCCART	406362.501010508	3758412.50600545	338.30	1.50
** receptor	=B303+1 (sensitive receptor: C262)			
** DISCCART	406362.501010508	3758387.50109513	337.80	1.50
** receptor	=B304+1 (sensitive receptor: C263)			
** DISCCART	406362.501010508	3758362.50618277	334.60	1.50
** receptor	=B305+1 (sensitive receptor: C264)			
** DISCCART	406362.501010508	3758337.50127244	334.60	1.50
** receptor	=B306+1 (sensitive receptor: C265)			
** DISCCART	406362.501010508	3758312.50636009	334.60	1.50
** receptor	=B307+1 (sensitive receptor: C266)			
** DISCCART	406362.501010508	3758287.50144976	331.30	1.50
** receptor	=B308+1 (sensitive receptor: C267)			
** DISCCART	406362.501010508	3758262.50653741	331.30	1.50
** receptor	=B309+1 (sensitive receptor: C268)			
** DISCCART	406362.501010508	3758237.50162708	328.00	1.50
** receptor	=B310+1 (sensitive receptor: C269)			
** DISCCART	406362.501010508	3758212.50671473	325.80	1.50
** receptor	=B311+1 (sensitive receptor: C270)			
** DISCCART	406362.501010508	3758187.5018044	324.70	1.50
** receptor	=B312+1 (sensitive receptor: C271)			
** DISCCART	406362.501010508	3758162.50689204	324.20	1.50
** receptor	=B313+1 (sensitive receptor: C272)			
** DISCCART	406362.501010508	3758137.50198172	323.70	1.50
** receptor	=B314+1 (sensitive receptor: C273)			
** DISCCART	406387.502410414	3758512.50565081	344.40	1.50
** receptor	=B315+1 (sensitive receptor: C274)			
** DISCCART	406387.502410414	3758487.50074049	344.40	1.50
** receptor	=B316+1 (sensitive receptor: C275)			
** DISCCART	406387.502410414	3758462.50582813	343.70	1.50
** receptor	=B317+1 (sensitive receptor: C276)			
** DISCCART	406387.502410414	3758437.50091781	341.10	1.50
** receptor	=B318+1 (sensitive receptor: C277)			
** DISCCART	406387.502410414	3758412.50600545	341.10	1.50
** receptor	=B319+1 (sensitive receptor: C278)			
** DISCCART	406387.502410414	3758387.50109513	337.80	1.50
** receptor	=B320+1 (sensitive receptor: C279)			
** DISCCART	406387.502410414	3758362.50618277	337.80	1.50
** receptor	=B321+1 (sensitive receptor: C280)			
** DISCCART	406387.502410414	3758337.50127244	337.10	1.50
** receptor	=B322+1 (sensitive receptor: C281)			
** DISCCART	406387.502410414	3758312.50636009	334.60	1.50
** receptor	=B323+1 (sensitive receptor: C282)			
** DISCCART	406387.502410414	3758287.50144976	334.50	1.50
** receptor	=B324+1 (sensitive receptor: C283)			
** DISCCART	406387.502410414	3758262.50653741	331.30	1.50
** receptor	=B325+1 (sensitive receptor: C284)			
** DISCCART	406387.502410414	3758237.50162708	328.00	1.50
** receptor	=B326+1 (sensitive receptor: C285)			
** DISCCART	406387.502410414	3758212.50671473	324.70	1.50
** receptor	=B327+1 (sensitive receptor: C286)			

Appendix B

PM 24 hour Emissions unmitigated

** receptor	DISCCART	406387.502410414	3758187.5018044	322.20	1.50
	=B328+1 (sensitive receptor: C287)				
** receptor	DISCCART	406387.502410414	3758162.50689204	321.40	1.50
	=B329+1 (sensitive receptor: C288)				
** receptor	DISCCART	406387.502410414	3758137.50198172	321.40	1.50
	=B330+1 (sensitive receptor: C289)				
** receptor	DISCCART	406412.503810319	3758512.50565081	347.70	1.50
	=B331+1 (sensitive receptor: C290)				
** receptor	DISCCART	406412.503810319	3758487.50074049	344.40	1.50
	=B332+1 (sensitive receptor: C291)				
** receptor	DISCCART	406412.503810319	3758462.50582813	344.40	1.50
	=B333+1 (sensitive receptor: C292)				
** receptor	DISCCART	406412.503810319	3758437.50091781	344.40	1.50
	=B334+1 (sensitive receptor: C293)				
** receptor	DISCCART	406412.503810319	3758412.50600545	341.60	1.50
	=B335+1 (sensitive receptor: C294)				
** receptor	DISCCART	406412.503810319	3758387.50109513	341.10	1.50
	=B336+1 (sensitive receptor: C295)				
** receptor	DISCCART	406412.503810319	3758362.50618277	339.90	1.50
	=B337+1 (sensitive receptor: C296)				
** receptor	DISCCART	406412.503810319	3758337.50127244	337.80	1.50
	=B338+1 (sensitive receptor: C297)				
** receptor	DISCCART	406412.503810319	3758312.50636009	336.60	1.50
	=B339+1 (sensitive receptor: C298)				
** receptor	DISCCART	406412.503810319	3758287.50144976	334.60	1.50
	=B340+1 (sensitive receptor: C299)				
** receptor	DISCCART	406412.503810319	3758262.50653741	330.80	1.50
	=B341+1 (sensitive receptor: C300)				
** receptor	DISCCART	406412.503810319	3758237.50162708	324.70	1.50
	=B342+1 (sensitive receptor: C301)				
** receptor	DISCCART	406412.503810319	3758212.50671473	322.60	1.50
	=B343+1 (sensitive receptor: C302)				
** receptor	DISCCART	406412.503810319	3758187.5018044	321.40	1.50
	=B344+1 (sensitive receptor: C303)				
** receptor	DISCCART	406412.503810319	3758162.50689204	321.40	1.50
	=B345+1 (sensitive receptor: C304)				
** receptor	DISCCART	406412.503810319	3758137.50198172	321.40	1.50
	=B346+1 (sensitive receptor: C305)				
** receptor	DISCCART	406437.496964381	3758512.50565081	348.90	1.50
	=B347+1 (sensitive receptor: C306)				
** receptor	DISCCART	406437.496964381	3758487.50074049	347.70	1.50
	=B348+1 (sensitive receptor: C307)				
** receptor	DISCCART	406437.496964381	3758462.50582813	345.60	1.50
	=B349+1 (sensitive receptor: C308)				
** receptor	DISCCART	406437.496964381	3758437.50091781	344.40	1.50
	=B350+1 (sensitive receptor: C309)				
** receptor	DISCCART	406437.496964381	3758412.50600545	344.40	1.50
	=B351+1 (sensitive receptor: C310)				
** receptor	DISCCART	406437.496964381	3758387.50109513	343.60	1.50
	=B352+1 (sensitive receptor: C311)				
** receptor	DISCCART	406437.496964381	3758362.50618277	341.10	1.50
	=B353+1 (sensitive receptor: C312)				
** receptor	DISCCART	406437.496964381	3758337.50127244	341.10	1.50
	=B354+1 (sensitive receptor: C313)				
** receptor	DISCCART	406437.496964381	3758312.50636009	337.80	1.50
	=B355+1 (sensitive receptor: C314)				
** receptor	DISCCART	406437.496964381	3758287.50144976	334.60	1.50
	=B356+1 (sensitive receptor: C315)				
** receptor	DISCCART	406437.496964381	3758262.50653741	328.20	1.50
	=B357+1 (sensitive receptor: C316)				
** receptor	DISCCART	406437.496964381	3758237.50162708	322.10	1.50
	=B358+1 (sensitive receptor: C317)				
** receptor	DISCCART	406437.496964381	3758212.50671473	321.40	1.50
	=B359+1 (sensitive receptor: C318)				
** receptor	DISCCART	406437.496964381	3758187.5018044	321.40	1.50
	=B360+1 (sensitive receptor: C319)				
** receptor	DISCCART	406437.496964381	3758162.50689204	321.40	1.50
	=B361+1 (sensitive receptor: C320)				
** receptor	DISCCART	406437.496964381	3758137.50198172	321.40	1.50
	=B362+1 (sensitive receptor: C321)				
** receptor	DISCCART	406462.498364286	3758512.50565081	351.00	1.50
	=B363+1 (sensitive receptor: C322)				
** receptor	DISCCART	406462.498364286	3758487.50074049	347.70	1.50
	=B364+1 (sensitive receptor: C323)				
** receptor	DISCCART	406462.498364286	3758462.50582813	347.70	1.50
	=B365+1 (sensitive receptor: C324)				

Appendix B

PM 24 hour Emissions unmitigated

** DISCCART	406462.498364286	3758437.50091781	345.30	1.50
** receptor	=B366+1 (sensitive receptor: C325)			
** DISCCART	406462.498364286	3758412.50600545	344.40	1.50
** receptor	=B367+1 (sensitive receptor: C326)			
** DISCCART	406462.498364286	3758387.50109513	344.40	1.50
** receptor	=B368+1 (sensitive receptor: C327)			
** DISCCART	406462.498364286	3758362.50618277	343.20	1.50
** receptor	=B369+1 (sensitive receptor: C328)			
** DISCCART	406462.498364286	3758337.50127244	341.10	1.50
** receptor	=B370+1 (sensitive receptor: C329)			
** DISCCART	406462.498364286	3758312.50636009	339.90	1.50
** receptor	=B371+1 (sensitive receptor: C330)			
** DISCCART	406462.498364286	3758287.50144976	335.50	1.50
** receptor	=B372+1 (sensitive receptor: C331)			
** DISCCART	406462.498364286	3758262.50653741	325.80	1.50
** receptor	=B373+1 (sensitive receptor: C332)			
** DISCCART	406462.498364286	3758237.50162708	321.40	1.50
** receptor	=B374+1 (sensitive receptor: C333)			
** DISCCART	406462.498364286	3758212.50671473	321.40	1.50
** receptor	=B375+1 (sensitive receptor: C334)			
** DISCCART	406462.498364286	3758187.5018044	322.40	1.50
** receptor	=B376+1 (sensitive receptor: C335)			
** DISCCART	406462.498364286	3758162.50689204	323.60	1.50
** receptor	=B377+1 (sensitive receptor: C336)			
** DISCCART	406462.498364286	3758137.50198172	325.60	1.50
** receptor	=B378+1 (sensitive receptor: C337)			
** DISCCART	406487.499764192	3758512.50565081	353.90	1.50
** receptor	=B379+1 (sensitive receptor: C338)			
** DISCCART	406487.499764192	3758487.50074049	350.90	1.50
** receptor	=B380+1 (sensitive receptor: C339)			
** DISCCART	406487.499764192	3758462.50582813	347.70	1.50
** receptor	=B381+1 (sensitive receptor: C340)			
** DISCCART	406487.499764192	3758437.50091781	347.70	1.50
** receptor	=B382+1 (sensitive receptor: C341)			
** DISCCART	406487.499764192	3758412.50600545	344.40	1.50
** receptor	=B383+1 (sensitive receptor: C342)			
** DISCCART	406487.499764192	3758387.50109513	344.40	1.50
** receptor	=B384+1 (sensitive receptor: C343)			
** DISCCART	406487.499764192	3758362.50618277	344.40	1.50
** receptor	=B385+1 (sensitive receptor: C344)			
** DISCCART	406487.499764192	3758337.50127244	341.10	1.50
** receptor	=B386+1 (sensitive receptor: C345)			
** DISCCART	406487.499764192	3758312.50636009	341.10	1.50
** receptor	=B387+1 (sensitive receptor: C346)			
** DISCCART	406487.499764192	3758287.50144976	337.80	1.50
** receptor	=B388+1 (sensitive receptor: C347)			
** DISCCART	406487.499764192	3758262.50653741	323.30	1.50
** receptor	=B389+1 (sensitive receptor: C348)			
** DISCCART	406487.499764192	3758237.50162708	321.40	1.50
** receptor	=B390+1 (sensitive receptor: C349)			
** DISCCART	406487.499764192	3758212.50671473	324.40	1.50
** receptor	=B391+1 (sensitive receptor: C350)			
** DISCCART	406487.499764192	3758187.5018044	327.30	1.50
** receptor	=B392+1 (sensitive receptor: C351)			
** DISCCART	406487.499764192	3758162.50689204	328.00	1.50
** receptor	=B393+1 (sensitive receptor: C352)			
** DISCCART	406487.499764192	3758137.50198172	330.60	1.50
** receptor	=B394+1 (sensitive receptor: C353)			
** DISCCART	406512.501164097	3758512.50565081	354.20	1.50
** receptor	=B395+1 (sensitive receptor: C354)			
** DISCCART	406512.501164097	3758487.50074049	351.00	1.50
** receptor	=B396+1 (sensitive receptor: C355)			
** DISCCART	406512.501164097	3758462.50582813	347.70	1.50
** receptor	=B397+1 (sensitive receptor: C356)			
** DISCCART	406512.501164097	3758437.50091781	344.40	1.50
** receptor	=B398+1 (sensitive receptor: C357)			
** DISCCART	406512.501164097	3758412.50600545	344.40	1.50
** receptor	=B399+1 (sensitive receptor: C358)			
** DISCCART	406512.501164097	3758387.50109513	344.40	1.50
** receptor	=B400+1 (sensitive receptor: C359)			
** DISCCART	406512.501164097	3758362.50618277	342.20	1.50
** receptor	=B401+1 (sensitive receptor: C360)			
** DISCCART	406512.501164097	3758337.50127244	341.10	1.50
** receptor	=B402+1 (sensitive receptor: C361)			
** DISCCART	406512.501164097	3758312.50636009	338.50	1.50
** receptor	=B403+1 (sensitive receptor: C362)			

Appendix B

PM 24 hour Emissions unmitigated

** receptor	DISCCART	406512.501164097	3758287.50144976	331.20	1.50
	=B404+1 (sensitive receptor: C363)				
** receptor	DISCCART	406512.501164097	3758262.50653741	321.40	1.50
	=B405+1 (sensitive receptor: C364)				
** receptor	DISCCART	406512.501164097	3758237.50162708	323.40	1.50
	=B406+1 (sensitive receptor: C365)				
** receptor	DISCCART	406512.501164097	3758212.50671473	334.40	1.50
	=B407+1 (sensitive receptor: C366)				
** receptor	DISCCART	406512.501164097	3758187.5018044	334.60	1.50
	=B408+1 (sensitive receptor: C367)				
** receptor	DISCCART	406512.501164097	3758162.50689204	334.60	1.50
	=B409+1 (sensitive receptor: C368)				
** receptor	DISCCART	406512.501164097	3758137.50198172	334.60	1.50
	=B410+1 (sensitive receptor: C369)				
** receptor	DISCCART	406537.502564003	3758512.50565081	355.80	1.50
	=B411+1 (sensitive receptor: C370)				
** receptor	DISCCART	406537.502564003	3758487.50074049	351.00	1.50
	=B412+1 (sensitive receptor: C371)				
** receptor	DISCCART	406537.502564003	3758462.50582813	347.70	1.50
	=B413+1 (sensitive receptor: C372)				
** receptor	DISCCART	406537.502564003	3758437.50091781	344.40	1.50
	=B414+1 (sensitive receptor: C373)				
** receptor	DISCCART	406537.502564003	3758412.50600545	344.40	1.50
	=B415+1 (sensitive receptor: C374)				
** receptor	DISCCART	406537.502564003	3758387.50109513	341.80	1.50
	=B416+1 (sensitive receptor: C375)				
** receptor	DISCCART	406537.502564003	3758362.50618277	339.80	1.50
	=B417+1 (sensitive receptor: C376)				
** receptor	DISCCART	406537.502564003	3758337.50127244	337.80	1.50
	=B418+1 (sensitive receptor: C377)				
** receptor	DISCCART	406537.502564003	3758312.50636009	336.10	1.50
	=B419+1 (sensitive receptor: C378)				
** receptor	DISCCART	406537.502564003	3758287.50144976	333.80	1.50
	=B420+1 (sensitive receptor: C379)				
** receptor	DISCCART	406537.502564003	3758262.50653741	334.50	1.50
	=B421+1 (sensitive receptor: C380)				
** receptor	DISCCART	406537.502564003	3758237.50162708	343.60	1.50
	=B422+1 (sensitive receptor: C381)				
** receptor	DISCCART	406537.502564003	3758212.50671473	340.70	1.50
	=B423+1 (sensitive receptor: C382)				
** receptor	DISCCART	406537.502564003	3758187.5018044	337.80	1.50
	=B424+1 (sensitive receptor: C383)				
** receptor	DISCCART	406537.502564003	3758162.50689204	335.80	1.50
	=B425+1 (sensitive receptor: C384)				
** receptor	DISCCART	406537.502564003	3758137.50198172	334.60	1.50
	=B426+1 (sensitive receptor: C385)				
** receptor	DISCCART	406562.495718064	3758512.50565081	356.30	1.50
	=B427+1 (sensitive receptor: C386)				
** receptor	DISCCART	406562.495718064	3758487.50074049	351.00	1.50
	=B428+1 (sensitive receptor: C387)				
** receptor	DISCCART	406562.495718064	3758462.50582813	347.20	1.50
	=B429+1 (sensitive receptor: C388)				
** receptor	DISCCART	406562.495718064	3758437.50091781	344.40	1.50
	=B430+1 (sensitive receptor: C389)				
** receptor	DISCCART	406562.495718064	3758412.50600545	341.10	1.50
	=B431+1 (sensitive receptor: C390)				
** receptor	DISCCART	406562.495718064	3758387.50109513	337.80	1.50
	=B432+1 (sensitive receptor: C391)				
** receptor	DISCCART	406562.495718064	3758362.50618277	337.80	1.50
	=B433+1 (sensitive receptor: C392)				
** receptor	DISCCART	406562.495718064	3758337.50127244	337.80	1.50
	=B434+1 (sensitive receptor: C393)				
** receptor	DISCCART	406562.495718064	3758312.50636009	338.80	1.50
	=B435+1 (sensitive receptor: C394)				
** receptor	DISCCART	406562.495718064	3758287.50144976	341.10	1.50
	=B436+1 (sensitive receptor: C395)				
** receptor	DISCCART	406562.495718064	3758262.50653741	343.30	1.50
	=B437+1 (sensitive receptor: C396)				
** receptor	DISCCART	406562.495718064	3758237.50162708	344.40	1.50
	=B438+1 (sensitive receptor: C397)				
** receptor	DISCCART	406562.495718064	3758212.50671473	342.00	1.50
	=B439+1 (sensitive receptor: C398)				
** receptor	DISCCART	406562.495718064	3758187.5018044	341.10	1.50
	=B440+1 (sensitive receptor: C399)				
** receptor	DISCCART	406562.495718064	3758162.50689204	338.80	1.50
	=B441+1 (sensitive receptor: C400)				

Appendix B

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DISCCART 406562.495718064 3758137.50198172 337.80 1.50
 ** receptor =B442+1 (sensitive receptor: C401)
 DISCCART 406587.49711797 3758512.50565081 357.50 1.50
 ** receptor =B443+1 (sensitive receptor: C402)
 DISCCART 406587.49711797 3758487.50074049 351.60 1.50
 ** receptor =B444+1 (sensitive receptor: C403)
 DISCCART 406587.49711797 3758462.50582813 346.00 1.50
 ** receptor =B445+1 (sensitive receptor: C404)
 DISCCART 406587.49711797 3758437.50091781 341.10 1.50
 ** receptor =B446+1 (sensitive receptor: C405)
 DISCCART 406587.49711797 3758412.50600545 341.10 1.50
 ** receptor =B447+1 (sensitive receptor: C406)
 DISCCART 406587.49711797 3758387.50109513 340.30 1.50
 ** receptor =B448+1 (sensitive receptor: C407)
 DISCCART 406587.49711797 3758362.50618277 339.20 1.50
 ** receptor =B449+1 (sensitive receptor: C408)
 DISCCART 406587.49711797 3758337.50127244 340.50 1.50
 ** receptor =B450+1 (sensitive receptor: C409)
 DISCCART 406587.49711797 3758312.50636009 344.10 1.50
 ** receptor =B451+1 (sensitive receptor: C410)
 DISCCART 406587.49711797 3758287.50144976 344.40 1.50
 ** receptor =B452+1 (sensitive receptor: C411)
 DISCCART 406587.49711797 3758262.50653741 344.40 1.50
 ** receptor =B453+1 (sensitive receptor: C412)
 DISCCART 406587.49711797 3758237.50162708 344.40 1.50
 ** receptor =B454+1 (sensitive receptor: C413)
 DISCCART 406587.49711797 3758212.50671473 344.40 1.50
 ** receptor =B455+1 (sensitive receptor: C414)
 DISCCART 406587.49711797 3758187.5018044 343.70 1.50
 ** receptor =B456+1 (sensitive receptor: C415)
 DISCCART 406587.49711797 3758162.50689204 341.10 1.50
 ** receptor =B457+1 (sensitive receptor: C416)
 DISCCART 406587.49711797 3758137.50198172 340.40 1.50
 ** receptor =B458+1 (sensitive receptor: C417)
 DISCCART 406612.498517875 3758512.50565081 357.50 1.50
 ** receptor =B459+1 (sensitive receptor: C418)
 DISCCART 406612.498517875 3758487.50074049 350.90 1.50
 ** receptor =B460+1 (sensitive receptor: C419)
 DISCCART 406612.498517875 3758462.50582813 343.60 1.50
 ** receptor =B461+1 (sensitive receptor: C420)
 DISCCART 406612.498517875 3758437.50091781 341.10 1.50
 ** receptor =B462+1 (sensitive receptor: C421)
 DISCCART 406612.498517875 3758412.50600545 341.10 1.50
 ** receptor =B463+1 (sensitive receptor: C422)
 DISCCART 406612.498517875 3758387.50109513 338.80 1.50
 ** receptor =B464+1 (sensitive receptor: C423)
 DISCCART 406612.498517875 3758362.50618277 343.30 1.50
 ** receptor =B465+1 (sensitive receptor: C424)
 DISCCART 406612.498517875 3758337.50127244 346.30 1.50
 ** receptor =B466+1 (sensitive receptor: C425)
 DISCCART 406612.498517875 3758312.50636009 349.10 1.50
 ** receptor =B467+1 (sensitive receptor: C426)
 DISCCART 406612.498517875 3758287.50144976 348.60 1.50
 ** receptor =B468+1 (sensitive receptor: C427)
 DISCCART 406612.498517875 3758262.50653741 348.60 1.50
 ** receptor =B469+1 (sensitive receptor: C428)
 DISCCART 406612.498517875 3758237.50162708 347.70 1.50
 ** receptor =B470+1 (sensitive receptor: C429)
 DISCCART 406612.498517875 3758212.50671473 346.40 1.50
 ** receptor =B471+1 (sensitive receptor: C430)
 DISCCART 406612.498517875 3758187.5018044 344.40 1.50
 ** receptor =B472+1 (sensitive receptor: C431)
 DISCCART 406612.498517875 3758162.50689204 344.40 1.50
 ** receptor =B473+1 (sensitive receptor: C432)
 DISCCART 406612.498517875 3758137.50198172 344.40 1.50
 ** receptor =B474+1 (sensitive receptor: C433)
 DISCCART 406637.499917781 3758512.50565081 354.60 1.50
 ** receptor =B475+1 (sensitive receptor: C434)
 DISCCART 406637.499917781 3758487.50074049 350.90 1.50
 ** receptor =B476+1 (sensitive receptor: C435)
 DISCCART 406637.499917781 3758462.50582813 346.00 1.50
 ** receptor =B477+1 (sensitive receptor: C436)
 DISCCART 406637.499917781 3758437.50091781 341.10 1.50
 ** receptor =B478+1 (sensitive receptor: C437)
 DISCCART 406637.499917781 3758412.50600545 342.50 1.50
 ** receptor =B479+1 (sensitive receptor: C438)

Appendix B

PM 24 hour Emissions unmitigated

** receptor	DISCCART	406637.499917781	3758387.50109513	347.00	1.50
	=B480+1 (sensitive receptor: C439)				
** receptor	DISCCART	406637.499917781	3758362.50618277	352.00	1.50
	=B481+1 (sensitive receptor: C440)				
** receptor	DISCCART	406637.499917781	3758337.50127244	356.80	1.50
	=B482+1 (sensitive receptor: C441)				
** receptor	DISCCART	406637.499917781	3758312.50636009	357.10	1.50
	=B483+1 (sensitive receptor: C442)				
** receptor	DISCCART	406637.499917781	3758287.50144976	354.20	1.50
	=B484+1 (sensitive receptor: C443)				
** receptor	DISCCART	406637.499917781	3758262.50653741	352.20	1.50
	=B485+1 (sensitive receptor: C444)				
** receptor	DISCCART	406637.499917781	3758237.50162708	350.20	1.50
	=B486+1 (sensitive receptor: C445)				
** receptor	DISCCART	406637.499917781	3758212.50671473	347.70	1.50
	=B487+1 (sensitive receptor: C446)				
** receptor	DISCCART	406637.499917781	3758187.5018044	346.90	1.50
	=B488+1 (sensitive receptor: C447)				
** receptor	DISCCART	406637.499917781	3758162.50689204	344.40	1.50
	=B489+1 (sensitive receptor: C448)				
** receptor	DISCCART	406637.499917781	3758137.50198172	344.40	1.50
	=B490+1 (sensitive receptor: C449)				
** receptor	DISCCART	406662.501317687	3758512.50565081	357.50	1.50
	=B491+1 (sensitive receptor: C450)				
** receptor	DISCCART	406662.501317687	3758487.50074049	354.30	1.50
	=B492+1 (sensitive receptor: C451)				
** receptor	DISCCART	406662.501317687	3758462.50582813	351.80	1.50
	=B493+1 (sensitive receptor: C452)				
** receptor	DISCCART	406662.501317687	3758437.50091781	352.00	1.50
	=B494+1 (sensitive receptor: C453)				
** receptor	DISCCART	406662.501317687	3758412.50600545	355.20	1.50
	=B495+1 (sensitive receptor: C454)				
** receptor	DISCCART	406662.501317687	3758387.50109513	355.20	1.50
	=B496+1 (sensitive receptor: C455)				
** receptor	DISCCART	406662.501317687	3758362.50618277	358.40	1.50
	=B497+1 (sensitive receptor: C456)				
** receptor	DISCCART	406662.501317687	3758337.50127244	360.80	1.50
	=B498+1 (sensitive receptor: C457)				
** receptor	DISCCART	406662.501317687	3758312.50636009	359.60	1.50
	=B499+1 (sensitive receptor: C458)				
** receptor	DISCCART	406662.501317687	3758287.50144976	357.50	1.50
	=B500+1 (sensitive receptor: C459)				
** receptor	DISCCART	406662.501317687	3758262.50653741	354.20	1.50
	=B501+1 (sensitive receptor: C460)				
** receptor	DISCCART	406662.501317687	3758237.50162708	351.90	1.50
	=B502+1 (sensitive receptor: C461)				
** receptor	DISCCART	406662.501317687	3758212.50671473	351.00	1.50
	=B503+1 (sensitive receptor: C462)				
** receptor	DISCCART	406662.501317687	3758187.5018044	347.70	1.50
	=B504+1 (sensitive receptor: C463)				
** receptor	DISCCART	406662.501317687	3758162.50689204	347.70	1.50
	=B505+1 (sensitive receptor: C464)				
** receptor	DISCCART	406662.501317687	3758137.50198172	344.40	1.50
	=B506+1 (sensitive receptor: C465)				
** receptor	DISCCART	406687.502717592	3758512.50565081	357.50	1.50
	=B507+1 (sensitive receptor: C466)				
** receptor	DISCCART	406687.502717592	3758487.50074049	357.50	1.50
	=B508+1 (sensitive receptor: C467)				
** receptor	DISCCART	406687.502717592	3758462.50582813	357.50	1.50
	=B509+1 (sensitive receptor: C468)				
** receptor	DISCCART	406687.502717592	3758437.50091781	360.10	1.50
	=B510+1 (sensitive receptor: C469)				
** receptor	DISCCART	406687.502717592	3758412.50600545	360.80	1.50
	=B511+1 (sensitive receptor: C470)				
** receptor	DISCCART	406687.502717592	3758387.50109513	360.10	1.50
	=B512+1 (sensitive receptor: C471)				
** receptor	DISCCART	406687.502717592	3758362.50618277	362.10	1.50
	=B513+1 (sensitive receptor: C472)				
** receptor	DISCCART	406687.502717592	3758337.50127244	363.30	1.50
	=B514+1 (sensitive receptor: C473)				
** receptor	DISCCART	406687.502717592	3758312.50636009	360.80	1.50
	=B515+1 (sensitive receptor: C474)				
** receptor	DISCCART	406687.502717592	3758287.50144976	357.50	1.50
	=B516+1 (sensitive receptor: C475)				
** receptor	DISCCART	406687.502717592	3758262.50653741	355.80	1.50
	=B517+1 (sensitive receptor: C476)				

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PM 24 hour Emissions unmitigated

** DISCCART	406687.502717592	3758237.50162708	354.20	1.50
** receptor	=B518+1 (sensitive receptor: C477)			
** DISCCART	406687.502717592	3758212.50671473	351.00	1.50
** receptor	=B519+1 (sensitive receptor: C478)			
** DISCCART	406687.502717592	3758187.5018044	350.90	1.50
** receptor	=B520+1 (sensitive receptor: C479)			
** DISCCART	406687.502717592	3758162.50689204	347.70	1.50
** receptor	=B521+1 (sensitive receptor: C480)			
** DISCCART	406687.502717592	3758137.50198172	344.40	1.50
** receptor	=B522+1 (sensitive receptor: C481)			
** DISCCART	406712.495871654	3758512.50565081	357.50	1.50
** receptor	=B523+1 (sensitive receptor: C482)			
** DISCCART	406712.495871654	3758487.50074049	358.50	1.50
** receptor	=B524+1 (sensitive receptor: C483)			
** DISCCART	406712.495871654	3758462.50582813	360.80	1.50
** receptor	=B525+1 (sensitive receptor: C484)			
** DISCCART	406712.495871654	3758437.50091781	361.70	1.50
** receptor	=B526+1 (sensitive receptor: C485)			
** DISCCART	406712.495871654	3758412.50600545	364.10	1.50
** receptor	=B527+1 (sensitive receptor: C486)			
** DISCCART	406712.495871654	3758387.50109513	364.10	1.50
** receptor	=B528+1 (sensitive receptor: C487)			
** DISCCART	406712.495871654	3758362.50618277	364.10	1.50
** receptor	=B529+1 (sensitive receptor: C488)			
** DISCCART	406712.495871654	3758337.50127244	364.00	1.50
** receptor	=B530+1 (sensitive receptor: C489)			
** DISCCART	406712.495871654	3758312.50636009	360.80	1.50
** receptor	=B531+1 (sensitive receptor: C490)			
** DISCCART	406712.495871654	3758287.50144976	357.50	1.50
** receptor	=B532+1 (sensitive receptor: C491)			
** DISCCART	406712.495871654	3758262.50653741	357.50	1.50
** receptor	=B533+1 (sensitive receptor: C492)			
** DISCCART	406712.495871654	3758237.50162708	354.20	1.50
** receptor	=B534+1 (sensitive receptor: C493)			
** DISCCART	406712.495871654	3758212.50671473	354.20	1.50
** receptor	=B535+1 (sensitive receptor: C494)			
** DISCCART	406712.495871654	3758187.5018044	351.00	1.50
** receptor	=B536+1 (sensitive receptor: C495)			
** DISCCART	406712.495871654	3758162.50689204	348.10	1.50
** receptor	=B537+1 (sensitive receptor: C496)			
** DISCCART	406712.495871654	3758137.50198172	344.40	1.50
** receptor	=B538+1 (sensitive receptor: C497)			
** DISCCART	406737.497271559	3758512.50565081	359.20	1.50
** receptor	=B539+1 (sensitive receptor: C498)			
** DISCCART	406737.497271559	3758487.50074049	360.90	1.50
** receptor	=B540+1 (sensitive receptor: C499)			
** DISCCART	406737.497271559	3758462.50582813	363.70	1.50
** receptor	=B541+1 (sensitive receptor: C500)			
** DISCCART	406737.497271559	3758437.50091781	364.10	1.50
** receptor	=B542+1 (sensitive receptor: C501)			
** DISCCART	406737.497271559	3758412.50600545	365.40	1.50
** receptor	=B543+1 (sensitive receptor: C502)			
** DISCCART	406737.497271559	3758387.50109513	366.70	1.50
** receptor	=B544+1 (sensitive receptor: C503)			
** DISCCART	406737.497271559	3758362.50618277	367.40	1.50
** receptor	=B545+1 (sensitive receptor: C504)			
** DISCCART	406737.497271559	3758337.50127244	364.10	1.50
** receptor	=B546+1 (sensitive receptor: C505)			
** DISCCART	406737.497271559	3758312.50636009	362.00	1.50
** receptor	=B547+1 (sensitive receptor: C506)			
** DISCCART	406737.497271559	3758287.50144976	360.80	1.50
** receptor	=B548+1 (sensitive receptor: C507)			
** DISCCART	406737.497271559	3758262.50653741	357.50	1.50
** receptor	=B549+1 (sensitive receptor: C508)			
** DISCCART	406737.497271559	3758237.50162708	357.50	1.50
** receptor	=B550+1 (sensitive receptor: C509)			
** DISCCART	406737.497271559	3758212.50671473	354.20	1.50
** receptor	=B551+1 (sensitive receptor: C510)			
** DISCCART	406737.497271559	3758187.5018044	351.00	1.50
** receptor	=B552+1 (sensitive receptor: C511)			
** DISCCART	406737.497271559	3758162.50689204	347.70	1.50
** receptor	=B553+1 (sensitive receptor: C512)			
** DISCCART	406737.497271559	3758137.50198172	344.40	1.50
** receptor	=B554+1 (sensitive receptor: C513)			
** DISCCART	406762.498671465	3758512.50565081	360.80	1.50
** receptor	=B555+1 (sensitive receptor: C514)			

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** DISCCART	406762.498671465	3758487.50074049	364.10	1.50
** receptor	=B556+1 (sensitive receptor: C515)			
** DISCCART	406762.498671465	3758462.50582813	365.00	1.50
** receptor	=B557+1 (sensitive receptor: C516)			
** DISCCART	406762.498671465	3758437.50091781	367.40	1.50
** receptor	=B558+1 (sensitive receptor: C517)			
** DISCCART	406762.498671465	3758412.50600545	367.40	1.50
** receptor	=B559+1 (sensitive receptor: C518)			
** DISCCART	406762.498671465	3758387.50109513	367.40	1.50
** receptor	=B560+1 (sensitive receptor: C519)			
** DISCCART	406762.498671465	3758362.50618277	368.30	1.50
** receptor	=B561+1 (sensitive receptor: C520)			
** DISCCART	406762.498671465	3758337.50127244	367.30	1.50
** receptor	=B562+1 (sensitive receptor: C521)			
** DISCCART	406762.498671465	3758312.50636009	364.50	1.50
** receptor	=B563+1 (sensitive receptor: C522)			
** DISCCART	406762.498671465	3758287.50144976	361.70	1.50
** receptor	=B564+1 (sensitive receptor: C523)			
** DISCCART	406762.498671465	3758262.50653741	360.80	1.50
** receptor	=B565+1 (sensitive receptor: C524)			
** DISCCART	406762.498671465	3758237.50162708	357.50	1.50
** receptor	=B566+1 (sensitive receptor: C525)			
** DISCCART	406762.498671465	3758212.50671473	356.30	1.50
** receptor	=B567+1 (sensitive receptor: C526)			
** DISCCART	406762.498671465	3758187.5018044	351.00	1.50
** receptor	=B568+1 (sensitive receptor: C527)			
** DISCCART	406762.498671465	3758162.50689204	347.70	1.50
** receptor	=B569+1 (sensitive receptor: C528)			
** DISCCART	406762.498671465	3758137.50198172	344.40	1.50
** receptor	=B570+1 (sensitive receptor: C529)			
** DISCCART	406787.50007137	3758512.50565081	360.80	1.50
** receptor	=B571+1 (sensitive receptor: C530)			
** DISCCART	406787.50007137	3758487.50074049	364.20	1.50
** receptor	=B572+1 (sensitive receptor: C531)			
** DISCCART	406787.50007137	3758462.50582813	367.40	1.50
** receptor	=B573+1 (sensitive receptor: C532)			
** DISCCART	406787.50007137	3758437.50091781	369.90	1.50
** receptor	=B574+1 (sensitive receptor: C533)			
** DISCCART	406787.50007137	3758412.50600545	370.60	1.50
** receptor	=B575+1 (sensitive receptor: C534)			
** DISCCART	406787.50007137	3758387.50109513	370.70	1.50
** receptor	=B576+1 (sensitive receptor: C535)			
** DISCCART	406787.50007137	3758362.50618277	371.90	1.50
** receptor	=B577+1 (sensitive receptor: C536)			
** DISCCART	406787.50007137	3758337.50127244	369.90	1.50
** receptor	=B578+1 (sensitive receptor: C537)			
** DISCCART	406787.50007137	3758312.50636009	367.40	1.50
** receptor	=B579+1 (sensitive receptor: C538)			
** DISCCART	406787.50007137	3758287.50144976	366.60	1.50
** receptor	=B580+1 (sensitive receptor: C539)			
** DISCCART	406787.50007137	3758262.50653741	362.00	1.50
** receptor	=B581+1 (sensitive receptor: C540)			
** DISCCART	406787.50007137	3758237.50162708	360.70	1.50
** receptor	=B582+1 (sensitive receptor: C541)			
** DISCCART	406787.50007137	3758212.50671473	357.50	1.50
** receptor	=B583+1 (sensitive receptor: C542)			
** DISCCART	406787.50007137	3758187.5018044	351.00	1.50
** receptor	=B584+1 (sensitive receptor: C543)			
** DISCCART	406787.50007137	3758162.50689204	347.70	1.50
** receptor	=B585+1 (sensitive receptor: C544)			
** DISCCART	406787.50007137	3758137.50198172	341.80	1.50
** receptor	=B586+1 (sensitive receptor: C545)			
** DISCCART	406812.501471276	3758512.50565081	363.00	1.50
** receptor	=B587+1 (sensitive receptor: C546)			
** DISCCART	406812.501471276	3758487.50074049	367.40	1.50
** receptor	=B588+1 (sensitive receptor: C547)			
** DISCCART	406812.501471276	3758462.50582813	369.50	1.50
** receptor	=B589+1 (sensitive receptor: C548)			
** DISCCART	406812.501471276	3758437.50091781	371.60	1.50
** receptor	=B590+1 (sensitive receptor: C549)			
** DISCCART	406812.501471276	3758412.50600545	374.40	1.50
** receptor	=B591+1 (sensitive receptor: C550)			
** DISCCART	406812.501471276	3758387.50109513	374.80	1.50
** receptor	=B592+1 (sensitive receptor: C551)			
** DISCCART	406812.501471276	3758362.50618277	374.80	1.50
** receptor	=B593+1 (sensitive receptor: C552)			

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DISCCART	406812.501471276	3758337.50127244	373.90	1.50
** receptor	=B594+1 (sensitive receptor: C553)			
DISCCART	406812.501471276	3758312.50636009	369.40	1.50
** receptor	=B595+1 (sensitive receptor: C554)			
DISCCART	406812.501471276	3758287.50144976	367.40	1.50
** receptor	=B596+1 (sensitive receptor: C555)			
DISCCART	406812.501471276	3758262.50653741	364.50	1.50
** receptor	=B597+1 (sensitive receptor: C556)			
DISCCART	406812.501471276	3758237.50162708	360.80	1.50
** receptor	=B598+1 (sensitive receptor: C557)			
DISCCART	406812.501471276	3758212.50671473	357.50	1.50
** receptor	=B599+1 (sensitive receptor: C558)			
DISCCART	406812.501471276	3758187.5018044	354.20	1.50
** receptor	=B600+1 (sensitive receptor: C559)			
DISCCART	406812.501471276	3758162.50689204	346.00	1.50
** receptor	=B601+1 (sensitive receptor: C560)			
DISCCART	406812.501471276	3758137.50198172	341.10	1.50
** receptor	=B602+1 (sensitive receptor: C561)			
DISCCART	406837.502871182	3758512.50565081	366.60	1.50
** receptor	=B603+1 (sensitive receptor: C562)			
DISCCART	406837.502871182	3758487.50074049	367.40	1.50
** receptor	=B604+1 (sensitive receptor: C563)			
DISCCART	406837.502871182	3758462.50582813	370.60	1.50
** receptor	=B605+1 (sensitive receptor: C564)			
DISCCART	406837.502871182	3758437.50091781	374.00	1.50
** receptor	=B606+1 (sensitive receptor: C565)			
DISCCART	406837.502871182	3758412.50600545	378.50	1.50
** receptor	=B607+1 (sensitive receptor: C566)			
DISCCART	406837.502871182	3758387.50109513	379.80	1.50
** receptor	=B608+1 (sensitive receptor: C567)			
DISCCART	406837.502871182	3758362.50618277	378.40	1.50
** receptor	=B609+1 (sensitive receptor: C568)			
DISCCART	406837.502871182	3758337.50127244	377.20	1.50
** receptor	=B610+1 (sensitive receptor: C569)			
DISCCART	406837.502871182	3758312.50636009	373.50	1.50
** receptor	=B611+1 (sensitive receptor: C570)			
DISCCART	406837.502871182	3758287.50144976	367.40	1.50
** receptor	=B612+1 (sensitive receptor: C571)			
DISCCART	406837.502871182	3758262.50653741	362.70	1.50
** receptor	=B613+1 (sensitive receptor: C572)			
DISCCART	406837.502871182	3758237.50162708	358.20	1.50
** receptor	=B614+1 (sensitive receptor: C573)			
DISCCART	406837.502871182	3758212.50671473	357.50	1.50
** receptor	=B615+1 (sensitive receptor: C574)			
DISCCART	406837.502871182	3758187.5018044	354.20	1.50
** receptor	=B616+1 (sensitive receptor: C575)			
DISCCART	406837.502871182	3758162.50689204	348.50	1.50
** receptor	=B617+1 (sensitive receptor: C576)			
DISCCART	406837.502871182	3758137.50198172	343.70	1.50
** receptor	=B618+1 (sensitive receptor: C577)			
DISCCART	406862.496025243	3758512.50565081	368.30	1.50
** receptor	=B619+1 (sensitive receptor: C578)			
DISCCART	406862.496025243	3758487.50074049	370.70	1.50
** receptor	=B620+1 (sensitive receptor: C579)			
DISCCART	406862.496025243	3758462.50582813	373.90	1.50
** receptor	=B621+1 (sensitive receptor: C580)			
DISCCART	406862.496025243	3758437.50091781	377.20	1.50
** receptor	=B622+1 (sensitive receptor: C581)			
DISCCART	406862.496025243	3758412.50600545	380.50	1.50
** receptor	=B623+1 (sensitive receptor: C582)			
DISCCART	406862.496025243	3758387.50109513	381.40	1.50
** receptor	=B624+1 (sensitive receptor: C583)			
DISCCART	406862.496025243	3758362.50618277	380.50	1.50
** receptor	=B625+1 (sensitive receptor: C584)			
DISCCART	406862.496025243	3758337.50127244	380.40	1.50
** receptor	=B626+1 (sensitive receptor: C585)			
DISCCART	406862.496025243	3758312.50636009	375.50	1.50
** receptor	=B627+1 (sensitive receptor: C586)			
DISCCART	406862.496025243	3758287.50144976	364.00	1.50
** receptor	=B628+1 (sensitive receptor: C587)			
DISCCART	406862.496025243	3758262.50653741	358.60	1.50
** receptor	=B629+1 (sensitive receptor: C588)			
DISCCART	406862.496025243	3758237.50162708	358.40	1.50
** receptor	=B630+1 (sensitive receptor: C589)			
DISCCART	406862.496025243	3758212.50671473	358.40	1.50
** receptor	=B631+1 (sensitive receptor: C590)			

Appendix B

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** DISCCART	406862.496025243	3758187.5018044	357.50	1.50
** receptor	=B632+1 (sensitive receptor: C591)			
** DISCCART	406862.496025243	3758162.50689204	357.50	1.50
** receptor	=B633+1 (sensitive receptor: C592)			
** DISCCART	406862.496025243	3758137.50198172	355.20	1.50
** receptor	=B634+1 (sensitive receptor: C593)			
** DISCCART	406887.497425149	3758512.50565081	373.20	1.50
** receptor	=B635+1 (sensitive receptor: C594)			
** DISCCART	406887.497425149	3758487.50074049	373.90	1.50
** receptor	=B636+1 (sensitive receptor: C595)			
** DISCCART	406887.497425149	3758462.50582813	375.30	1.50
** receptor	=B637+1 (sensitive receptor: C596)			
** DISCCART	406887.497425149	3758437.50091781	379.80	1.50
** receptor	=B638+1 (sensitive receptor: C597)			
** DISCCART	406887.497425149	3758412.50600545	381.80	1.50
** receptor	=B639+1 (sensitive receptor: C598)			
** DISCCART	406887.497425149	3758387.50109513	383.80	1.50
** receptor	=B640+1 (sensitive receptor: C599)			
** DISCCART	406887.497425149	3758362.50618277	383.40	1.50
** receptor	=B641+1 (sensitive receptor: C600)			
** DISCCART	406887.497425149	3758337.50127244	380.50	1.50
** receptor	=B642+1 (sensitive receptor: C601)			
** DISCCART	406887.497425149	3758312.50636009	370.50	1.50
** receptor	=B643+1 (sensitive receptor: C602)			
** DISCCART	406887.497425149	3758287.50144976	358.20	1.50
** receptor	=B644+1 (sensitive receptor: C603)			
** DISCCART	406887.497425149	3758262.50653741	360.10	1.50
** receptor	=B645+1 (sensitive receptor: C604)			
** DISCCART	406887.497425149	3758237.50162708	363.40	1.50
** receptor	=B646+1 (sensitive receptor: C605)			
** DISCCART	406887.497425149	3758212.50671473	366.60	1.50
** receptor	=B647+1 (sensitive receptor: C606)			
** DISCCART	406887.497425149	3758187.5018044	365.90	1.50
** receptor	=B648+1 (sensitive receptor: C607)			
** DISCCART	406887.497425149	3758162.50689204	365.90	1.50
** receptor	=B649+1 (sensitive receptor: C608)			
** DISCCART	406887.497425149	3758137.50198172	366.60	1.50
** receptor	=B650+1 (sensitive receptor: C609)			
** DISCCART	406912.498825054	3758512.50565081	376.10	1.50
** receptor	=B651+1 (sensitive receptor: C610)			
** DISCCART	406912.498825054	3758487.50074049	377.20	1.50
** receptor	=B652+1 (sensitive receptor: C611)			
** DISCCART	406912.498825054	3758462.50582813	377.20	1.50
** receptor	=B653+1 (sensitive receptor: C612)			
** DISCCART	406912.498825054	3758437.50091781	380.50	1.50
** receptor	=B654+1 (sensitive receptor: C613)			
** DISCCART	406912.498825054	3758412.50600545	385.50	1.50
** receptor	=B655+1 (sensitive receptor: C614)			
** DISCCART	406912.498825054	3758387.50109513	387.00	1.50
** receptor	=B656+1 (sensitive receptor: C615)			
** DISCCART	406912.498825054	3758362.50618277	383.80	1.50
** receptor	=B657+1 (sensitive receptor: C616)			
** DISCCART	406912.498825054	3758337.50127244	380.40	1.50
** receptor	=B658+1 (sensitive receptor: C617)			
** DISCCART	406912.498825054	3758312.50636009	366.30	1.50
** receptor	=B659+1 (sensitive receptor: C618)			
** DISCCART	406912.498825054	3758287.50144976	357.60	1.50
** receptor	=B660+1 (sensitive receptor: C619)			
** DISCCART	406912.498825054	3758262.50653741	367.20	1.50
** receptor	=B661+1 (sensitive receptor: C620)			
** DISCCART	406912.498825054	3758237.50162708	375.80	1.50
** receptor	=B662+1 (sensitive receptor: C621)			
** DISCCART	406912.498825054	3758212.50671473	376.90	1.50
** receptor	=B663+1 (sensitive receptor: C622)			
** DISCCART	406912.498825054	3758187.5018044	375.80	1.50
** receptor	=B664+1 (sensitive receptor: C623)			
** DISCCART	406912.498825054	3758162.50689204	375.80	1.50
** receptor	=B665+1 (sensitive receptor: C624)			
** DISCCART	406912.498825054	3758137.50198172	375.80	1.50
** receptor	=B666+1 (sensitive receptor: C625)			
** DISCCART	406937.50022496	3758512.50565081	380.50	1.50
** receptor	=B667+1 (sensitive receptor: C626)			
** DISCCART	406937.50022496	3758487.50074049	380.50	1.50
** receptor	=B668+1 (sensitive receptor: C627)			
** DISCCART	406937.50022496	3758462.50582813	380.10	1.50
** receptor	=B669+1 (sensitive receptor: C628)			

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DISCCART 406937.50022496 3758437.50091781 380.60 1.50
 ** receptor =B670+1 (sensitive receptor: C629)
 DISCCART 406937.50022496 3758412.50600545 386.70 1.50
 ** receptor =B671+1 (sensitive receptor: C630)
 DISCCART 406937.50022496 3758387.50109513 387.00 1.50
 ** receptor =B672+1 (sensitive receptor: C631)
 DISCCART 406937.50022496 3758362.50618277 383.80 1.50
 ** receptor =B673+1 (sensitive receptor: C632)
 DISCCART 406937.50022496 3758337.50127244 377.80 1.50
 ** receptor =B674+1 (sensitive receptor: C633)
 DISCCART 406937.50022496 3758312.50636009 367.00 1.50
 ** receptor =B675+1 (sensitive receptor: C634)
 DISCCART 406937.50022496 3758287.50144976 371.90 1.50
 ** receptor =B676+1 (sensitive receptor: C635)
 DISCCART 406937.50022496 3758262.50653741 381.10 1.50
 ** receptor =B677+1 (sensitive receptor: C636)
 DISCCART 406937.50022496 3758237.50162708 389.70 1.50
 ** receptor =B678+1 (sensitive receptor: C637)
 DISCCART 406937.50022496 3758212.50671473 392.20 1.50
 ** receptor =B679+1 (sensitive receptor: C638)
 DISCCART 406937.50022496 3758187.5018044 392.20 1.50
 ** receptor =B680+1 (sensitive receptor: C639)
 DISCCART 406937.50022496 3758162.50689204 390.10 1.50
 ** receptor =B681+1 (sensitive receptor: C640)
 DISCCART 406937.50022496 3758137.50198172 386.30 1.50
 ** receptor =B682+1 (sensitive receptor: C641)
 DISCCART 406962.501624865 3758512.50565081 388.90 1.50
 ** receptor =B683+1 (sensitive receptor: C642)
 DISCCART 406962.501624865 3758487.50074049 388.90 1.50
 ** receptor =B684+1 (sensitive receptor: C643)
 DISCCART 406962.501624865 3758462.50582813 388.90 1.50
 ** receptor =B685+1 (sensitive receptor: C644)
 DISCCART 406962.501624865 3758437.50091781 388.00 1.50
 ** receptor =B686+1 (sensitive receptor: C645)
 DISCCART 406962.501624865 3758412.50600545 391.20 1.50
 ** receptor =B687+1 (sensitive receptor: C646)
 DISCCART 406962.501624865 3758387.50109513 390.20 1.50
 ** receptor =B688+1 (sensitive receptor: C647)
 DISCCART 406962.501624865 3758362.50618277 381.60 1.50
 ** receptor =B689+1 (sensitive receptor: C648)
 DISCCART 406962.501624865 3758337.50127244 377.10 1.50
 ** receptor =B690+1 (sensitive receptor: C649)
 DISCCART 406962.501624865 3758312.50636009 377.80 1.50
 ** receptor =B691+1 (sensitive receptor: C650)
 DISCCART 406962.501624865 3758287.50144976 384.80 1.50
 ** receptor =B692+1 (sensitive receptor: C651)
 DISCCART 406962.501624865 3758262.50653741 397.20 1.50
 ** receptor =B693+1 (sensitive receptor: C652)
 DISCCART 406962.501624865 3758237.50162708 401.10 1.50
 ** receptor =B694+1 (sensitive receptor: C653)
 DISCCART 406962.501624865 3758212.50671473 402.20 1.50
 ** receptor =B695+1 (sensitive receptor: C654)
 DISCCART 406962.501624865 3758187.5018044 403.40 1.50
 ** receptor =B696+1 (sensitive receptor: C655)
 DISCCART 406962.501624865 3758162.50689204 398.40 1.50
 ** receptor =B697+1 (sensitive receptor: C656)
 DISCCART 406962.501624865 3758137.50198172 390.20 1.50
 ** receptor =B698+1 (sensitive receptor: C657)
 DISCCART 406987.503024771 3758512.50565081 399.10 1.50
 ** receptor =B699+1 (sensitive receptor: C658)
 DISCCART 406987.503024771 3758487.50074049 399.40 1.50
 ** receptor =B700+1 (sensitive receptor: C659)
 DISCCART 406987.503024771 3758462.50582813 396.20 1.50
 ** receptor =B701+1 (sensitive receptor: C660)
 DISCCART 406987.503024771 3758437.50091781 396.20 1.50
 ** receptor =B702+1 (sensitive receptor: C661)
 DISCCART 406987.503024771 3758412.50600545 394.80 1.50
 ** receptor =B703+1 (sensitive receptor: C662)
 DISCCART 406987.503024771 3758387.50109513 390.20 1.50
 ** receptor =B704+1 (sensitive receptor: C663)
 DISCCART 406987.503024771 3758362.50618277 380.50 1.50
 ** receptor =B705+1 (sensitive receptor: C664)
 DISCCART 406987.503024771 3758337.50127244 377.20 1.50
 ** receptor =B706+1 (sensitive receptor: C665)
 DISCCART 406987.503024771 3758312.50636009 378.90 1.50
 ** receptor =B707+1 (sensitive receptor: C666)

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** receptor	DISCCART	406987.503024771	3758287.50144976	390.50	1.50
	=B708+1 (sensitive receptor: C667)				
** receptor	DISCCART	406987.503024771	3758262.50653741	403.10	1.50
	=B709+1 (sensitive receptor: C668)				
** receptor	DISCCART	406987.503024771	3758237.50162708	403.40	1.50
	=B710+1 (sensitive receptor: C669)				
** receptor	DISCCART	406987.503024771	3758212.50671473	403.80	1.50
	=B711+1 (sensitive receptor: C670)				
** receptor	DISCCART	406987.503024771	3758187.5018044	400.80	1.50
	=B712+1 (sensitive receptor: C671)				
** receptor	DISCCART	406987.503024771	3758162.50689204	391.30	1.50
	=B713+1 (sensitive receptor: C672)				
** receptor	DISCCART	406987.503024771	3758137.50198172	381.10	1.50
	=B714+1 (sensitive receptor: C673)				
** receptor	DISCCART	407012.504424677	3758512.50565081	403.40	1.50
	=B715+1 (sensitive receptor: C674)				
** receptor	DISCCART	407012.504424677	3758487.50074049	403.40	1.50
	=B716+1 (sensitive receptor: C675)				
** receptor	DISCCART	407012.504424677	3758462.50582813	403.40	1.50
	=B717+1 (sensitive receptor: C676)				
** receptor	DISCCART	407012.504424677	3758437.50091781	401.10	1.50
	=B718+1 (sensitive receptor: C677)				
** receptor	DISCCART	407012.504424677	3758412.50600545	398.40	1.50
	=B719+1 (sensitive receptor: C678)				
** receptor	DISCCART	407012.504424677	3758387.50109513	393.50	1.50
	=B720+1 (sensitive receptor: C679)				
** receptor	DISCCART	407012.504424677	3758362.50618277	387.70	1.50
	=B721+1 (sensitive receptor: C680)				
** receptor	DISCCART	407012.504424677	3758337.50127244	388.90	1.50
	=B722+1 (sensitive receptor: C681)				
** receptor	DISCCART	407012.504424677	3758312.50636009	388.90	1.50
	=B723+1 (sensitive receptor: C682)				
** receptor	DISCCART	407012.504424677	3758287.50144976	397.90	1.50
	=B724+1 (sensitive receptor: C683)				
** receptor	DISCCART	407012.504424677	3758262.50653741	402.50	1.50
	=B725+1 (sensitive receptor: C684)				
** receptor	DISCCART	407012.504424677	3758237.50162708	400.20	1.50
	=B726+1 (sensitive receptor: C685)				
** receptor	DISCCART	407012.504424677	3758212.50671473	398.40	1.50
	=B727+1 (sensitive receptor: C686)				
** receptor	DISCCART	407012.504424677	3758187.5018044	390.20	1.50
	=B728+1 (sensitive receptor: C687)				
** receptor	DISCCART	407012.504424677	3758162.50689204	379.30	1.50
	=B729+1 (sensitive receptor: C688)				
** receptor	DISCCART	407012.504424677	3758137.50198172	379.00	1.50
	=B730+1 (sensitive receptor: C689)				
** receptor	DISCCART	407037.497578738	3758512.50565081	404.80	1.50
	=B731+1 (sensitive receptor: C690)				
** receptor	DISCCART	407037.497578738	3758487.50074049	406.70	1.50
	=B732+1 (sensitive receptor: C691)				
** receptor	DISCCART	407037.497578738	3758462.50582813	406.30	1.50
	=B733+1 (sensitive receptor: C692)				
** receptor	DISCCART	407037.497578738	3758437.50091781	405.90	1.50
	=B734+1 (sensitive receptor: C693)				
** receptor	DISCCART	407037.497578738	3758412.50600545	403.10	1.50
	=B735+1 (sensitive receptor: C694)				
** receptor	DISCCART	407037.497578738	3758387.50109513	399.40	1.50
	=B736+1 (sensitive receptor: C695)				
** receptor	DISCCART	407037.497578738	3758362.50618277	399.40	1.50
	=B737+1 (sensitive receptor: C696)				
** receptor	DISCCART	407037.497578738	3758337.50127244	402.70	1.50
	=B738+1 (sensitive receptor: C697)				
** receptor	DISCCART	407037.497578738	3758312.50636009	402.70	1.50
	=B739+1 (sensitive receptor: C698)				
** receptor	DISCCART	407037.497578738	3758287.50144976	402.70	1.50
	=B740+1 (sensitive receptor: C699)				
** receptor	DISCCART	407037.497578738	3758262.50653741	400.20	1.50
	=B741+1 (sensitive receptor: C700)				
** receptor	DISCCART	407037.497578738	3758237.50162708	397.60	1.50
	=B742+1 (sensitive receptor: C701)				
** receptor	DISCCART	407037.497578738	3758212.50671473	396.50	1.50
	=B743+1 (sensitive receptor: C702)				
** receptor	DISCCART	407037.497578738	3758187.5018044	398.00	1.50
	=B744+1 (sensitive receptor: C703)				
** receptor	DISCCART	407037.497578738	3758162.50689204	398.70	1.50
	=B745+1 (sensitive receptor: C704)				

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** DISCCART	407037.497578738	3758137.50198172	398.70	1.50
** receptor	=B746+1 (sensitive receptor: C705)			
** DISCCART	407062.498978644	3758512.50565081	406.10	1.50
** receptor	=B747+1 (sensitive receptor: C706)			
** DISCCART	407062.498978644	3758487.50074049	410.90	1.50
** receptor	=B748+1 (sensitive receptor: C707)			
** DISCCART	407062.498978644	3758462.50582813	410.90	1.50
** receptor	=B749+1 (sensitive receptor: C708)			
** DISCCART	407062.498978644	3758437.50091781	410.80	1.50
** receptor	=B750+1 (sensitive receptor: C709)			
** DISCCART	407062.498978644	3758412.50600545	407.60	1.50
** receptor	=B751+1 (sensitive receptor: C710)			
** DISCCART	407062.498978644	3758387.50109513	404.40	1.50
** receptor	=B752+1 (sensitive receptor: C711)			
** DISCCART	407062.498978644	3758362.50618277	404.40	1.50
** receptor	=B753+1 (sensitive receptor: C712)			
** DISCCART	407062.498978644	3758337.50127244	406.70	1.50
** receptor	=B754+1 (sensitive receptor: C713)			
** DISCCART	407062.498978644	3758312.50636009	406.70	1.50
** receptor	=B755+1 (sensitive receptor: C714)			
** DISCCART	407062.498978644	3758287.50144976	404.30	1.50
** receptor	=B756+1 (sensitive receptor: C715)			
** DISCCART	407062.498978644	3758262.50653741	402.20	1.50
** receptor	=B757+1 (sensitive receptor: C716)			
** DISCCART	407062.498978644	3758237.50162708	400.20	1.50
** receptor	=B758+1 (sensitive receptor: C717)			
** DISCCART	407062.498978644	3758212.50671473	402.30	1.50
** receptor	=B759+1 (sensitive receptor: C718)			
** DISCCART	407062.498978644	3758187.5018044	403.40	1.50
** receptor	=B760+1 (sensitive receptor: C719)			
** DISCCART	407062.498978644	3758162.50689204	403.40	1.50
** receptor	=B761+1 (sensitive receptor: C720)			
** DISCCART	407062.498978644	3758137.50198172	403.40	1.50
** receptor	=B762+1 (sensitive receptor: C721)			
** DISCCART	407087.500378549	3758512.50565081	414.30	1.50
** receptor	=B763+1 (sensitive receptor: C722)			
** DISCCART	407087.500378549	3758487.50074049	416.60	1.50
** receptor	=B764+1 (sensitive receptor: C723)			
** DISCCART	407087.500378549	3758462.50582813	419.10	1.50
** receptor	=B765+1 (sensitive receptor: C724)			
** DISCCART	407087.500378549	3758437.50091781	416.50	1.50
** receptor	=B766+1 (sensitive receptor: C725)			
** DISCCART	407087.500378549	3758412.50600545	414.50	1.50
** receptor	=B767+1 (sensitive receptor: C726)			
** DISCCART	407087.500378549	3758387.50109513	412.60	1.50
** receptor	=B768+1 (sensitive receptor: C727)			
** DISCCART	407087.500378549	3758362.50618277	412.60	1.50
** receptor	=B769+1 (sensitive receptor: C728)			
** DISCCART	407087.500378549	3758337.50127244	412.60	1.50
** receptor	=B770+1 (sensitive receptor: C729)			
** DISCCART	407087.500378549	3758312.50636009	412.60	1.50
** receptor	=B771+1 (sensitive receptor: C730)			
** DISCCART	407087.500378549	3758287.50144976	412.50	1.50
** receptor	=B772+1 (sensitive receptor: C731)			
** DISCCART	407087.500378549	3758262.50653741	409.30	1.50
** receptor	=B773+1 (sensitive receptor: C732)			
** DISCCART	407087.500378549	3758237.50162708	406.00	1.50
** receptor	=B774+1 (sensitive receptor: C733)			
** DISCCART	407087.500378549	3758212.50671473	406.00	1.50
** receptor	=B775+1 (sensitive receptor: C734)			
** DISCCART	407087.500378549	3758187.5018044	406.70	1.50
** receptor	=B776+1 (sensitive receptor: C735)			
** DISCCART	407087.500378549	3758162.50689204	406.70	1.50
** receptor	=B777+1 (sensitive receptor: C736)			
** DISCCART	407087.500378549	3758137.50198172	406.70	1.50
** receptor	=B778+1 (sensitive receptor: C737)			
** DISCCART	407112.501778455	3758512.50565081	419.20	1.50
** receptor	=B779+1 (sensitive receptor: C738)			
** DISCCART	407112.501778455	3758487.50074049	424.00	1.50
** receptor	=B780+1 (sensitive receptor: C739)			
** DISCCART	407112.501778455	3758462.50582813	424.00	1.50
** receptor	=B781+1 (sensitive receptor: C740)			
** DISCCART	407112.501778455	3758437.50091781	424.00	1.50
** receptor	=B782+1 (sensitive receptor: C741)			
** DISCCART	407112.501778455	3758412.50600545	420.30	1.50
** receptor	=B783+1 (sensitive receptor: C742)			

Appendix B

PM 24 hour Emissions unmitigated

** DISCCART	407112.501778455	3758387.50109513	416.60	1.50
** receptor	=B784+1 (sensitive receptor: C743)			
** DISCCART	407112.501778455	3758362.50618277	416.60	1.50
** receptor	=B785+1 (sensitive receptor: C744)			
** DISCCART	407112.501778455	3758337.50127244	416.60	1.50
** receptor	=B786+1 (sensitive receptor: C745)			
** DISCCART	407112.501778455	3758312.50636009	417.00	1.50
** receptor	=B787+1 (sensitive receptor: C746)			
** DISCCART	407112.501778455	3758287.50144976	417.50	1.50
** receptor	=B788+1 (sensitive receptor: C747)			
** DISCCART	407112.501778455	3758262.50653741	417.00	1.50
** receptor	=B789+1 (sensitive receptor: C748)			
** DISCCART	407112.501778455	3758237.50162708	414.20	1.50
** receptor	=B790+1 (sensitive receptor: C749)			
** DISCCART	407112.501778455	3758212.50671473	413.70	1.50
** receptor	=B791+1 (sensitive receptor: C750)			
** DISCCART	407112.501778455	3758187.5018044	413.30	1.50
** receptor	=B792+1 (sensitive receptor: C751)			
** DISCCART	407112.501778455	3758162.50689204	410.90	1.50
** receptor	=B793+1 (sensitive receptor: C752)			
** DISCCART	407112.501778455	3758137.50198172	407.50	1.50
** receptor	=B794+1 (sensitive receptor: C753)			
** DISCCART	407137.50317836	3758512.50565081	427.40	1.50
** receptor	=B795+1 (sensitive receptor: C754)			
** DISCCART	407137.50317836	3758487.50074049	434.90	1.50
** receptor	=B796+1 (sensitive receptor: C755)			
** DISCCART	407137.50317836	3758462.50582813	435.20	1.50
** receptor	=B797+1 (sensitive receptor: C756)			
** DISCCART	407137.50317836	3758437.50091781	429.00	1.50
** receptor	=B798+1 (sensitive receptor: C757)			
** DISCCART	407137.50317836	3758412.50600545	426.00	1.50
** receptor	=B799+1 (sensitive receptor: C758)			
** DISCCART	407137.50317836	3758387.50109513	422.30	1.50
** receptor	=B800+1 (sensitive receptor: C759)			
** DISCCART	407137.50317836	3758362.50618277	419.80	1.50
** receptor	=B801+1 (sensitive receptor: C760)			
** DISCCART	407137.50317836	3758337.50127244	422.40	1.50
** receptor	=B802+1 (sensitive receptor: C761)			
** DISCCART	407137.50317836	3758312.50636009	422.40	1.50
** receptor	=B803+1 (sensitive receptor: C762)			
** DISCCART	407137.50317836	3758287.50144976	425.70	1.50
** receptor	=B804+1 (sensitive receptor: C763)			
** DISCCART	407137.50317836	3758262.50653741	422.70	1.50
** receptor	=B805+1 (sensitive receptor: C764)			
** DISCCART	407137.50317836	3758237.50162708	422.30	1.50
** receptor	=B806+1 (sensitive receptor: C765)			
** DISCCART	407137.50317836	3758212.50671473	417.80	1.50
** receptor	=B807+1 (sensitive receptor: C766)			
** DISCCART	407137.50317836	3758187.5018044	419.10	1.50
** receptor	=B808+1 (sensitive receptor: C767)			
** DISCCART	407137.50317836	3758162.50689204	419.10	1.50
** receptor	=B809+1 (sensitive receptor: C768)			
** DISCCART	407137.50317836	3758137.50198172	415.70	1.50
** receptor	=B810+1 (sensitive receptor: C769)			
** DISCCART	407162.496332422	3758512.50565081	434.40	1.50
** receptor	=B811+1 (sensitive receptor: C770)			
** DISCCART	407162.496332422	3758487.50074049	441.60	1.50
** receptor	=B812+1 (sensitive receptor: C771)			
** DISCCART	407162.496332422	3758462.50582813	446.20	1.50
** receptor	=B813+1 (sensitive receptor: C772)			
** DISCCART	407162.496332422	3758437.50091781	437.10	1.50
** receptor	=B814+1 (sensitive receptor: C773)			
** DISCCART	407162.496332422	3758412.50600545	432.20	1.50
** receptor	=B815+1 (sensitive receptor: C774)			
** DISCCART	407162.496332422	3758387.50109513	430.50	1.50
** receptor	=B816+1 (sensitive receptor: C775)			
** DISCCART	407162.496332422	3758362.50618277	427.30	1.50
** receptor	=B817+1 (sensitive receptor: C776)			
** DISCCART	407162.496332422	3758337.50127244	427.30	1.50
** receptor	=B818+1 (sensitive receptor: C777)			
** DISCCART	407162.496332422	3758312.50636009	430.60	1.50
** receptor	=B819+1 (sensitive receptor: C778)			
** DISCCART	407162.496332422	3758287.50144976	430.60	1.50
** receptor	=B820+1 (sensitive receptor: C779)			
** DISCCART	407162.496332422	3758262.50653741	430.60	1.50
** receptor	=B821+1 (sensitive receptor: C780)			

Appendix B

PM 24 hour Emissions unmitigated

** receptor	DISCCART	407162.496332422	3758237.50162708	431.50	1.50
** receptor	=B822+1 (sensitive receptor: C781)				
** receptor	DISCCART	407162.496332422	3758212.50671473	432.00	1.50
** receptor	=B823+1 (sensitive receptor: C782)				
** receptor	DISCCART	407162.496332422	3758187.5018044	432.40	1.50
** receptor	=B824+1 (sensitive receptor: C783)				
** receptor	DISCCART	407162.496332422	3758162.50689204	431.50	1.50
** receptor	=B825+1 (sensitive receptor: C784)				
** receptor	DISCCART	407162.496332422	3758137.50198172	424.90	1.50
** receptor	=B826+1 (sensitive receptor: C785)				
** receptor	DISCCART	407187.497732327	3758512.50565081	459.60	1.50
** receptor	=B827+1 (sensitive receptor: C786)				
** receptor	DISCCART	407187.497732327	3758487.50074049	465.00	1.50
** receptor	=B828+1 (sensitive receptor: C787)				
** receptor	DISCCART	407187.497732327	3758462.50582813	457.10	1.50
** receptor	=B829+1 (sensitive receptor: C788)				
** receptor	DISCCART	407187.497732327	3758437.50091781	447.90	1.50
** receptor	=B830+1 (sensitive receptor: C789)				
** receptor	DISCCART	407187.497732327	3758412.50600545	439.10	1.50
** receptor	=B831+1 (sensitive receptor: C790)				
** receptor	DISCCART	407187.497732327	3758387.50109513	435.50	1.50
** receptor	=B832+1 (sensitive receptor: C791)				
** receptor	DISCCART	407187.497732327	3758362.50618277	435.50	1.50
** receptor	=B833+1 (sensitive receptor: C792)				
** receptor	DISCCART	407187.497732327	3758337.50127244	435.50	1.50
** receptor	=B834+1 (sensitive receptor: C793)				
** receptor	DISCCART	407187.497732327	3758312.50636009	435.90	1.50
** receptor	=B835+1 (sensitive receptor: C794)				
** receptor	DISCCART	407187.497732327	3758287.50144976	438.80	1.50
** receptor	=B836+1 (sensitive receptor: C795)				
** receptor	DISCCART	407187.497732327	3758262.50653741	439.20	1.50
** receptor	=B837+1 (sensitive receptor: C796)				
** receptor	DISCCART	407187.497732327	3758237.50162708	442.10	1.50
** receptor	=B838+1 (sensitive receptor: C797)				
** receptor	DISCCART	407187.497732327	3758212.50671473	446.70	1.50
** receptor	=B839+1 (sensitive receptor: C798)				
** receptor	DISCCART	407187.497732327	3758187.5018044	451.20	1.50
** receptor	=B840+1 (sensitive receptor: C799)				
** receptor	DISCCART	407187.497732327	3758162.50689204	449.10	1.50
** receptor	=B841+1 (sensitive receptor: C800)				
** receptor	DISCCART	407187.497732327	3758137.50198172	441.30	1.50
** receptor	=B842+1 (sensitive receptor: C801)				
** receptor	DISCCART	407212.499132233	3758512.50565081	465.80	1.50
** receptor	=B843+1 (sensitive receptor: C802)				
** receptor	DISCCART	407212.499132233	3758487.50074049	466.70	1.50
** receptor	=B844+1 (sensitive receptor: C803)				
** receptor	DISCCART	407212.499132233	3758462.50582813	462.90	1.50
** receptor	=B845+1 (sensitive receptor: C804)				
** receptor	DISCCART	407212.499132233	3758437.50091781	462.40	1.50
** receptor	=B846+1 (sensitive receptor: C805)				
** receptor	DISCCART	407212.499132233	3758412.50600545	451.90	1.50
** receptor	=B847+1 (sensitive receptor: C806)				
** receptor	DISCCART	407212.499132233	3758387.50109513	443.70	1.50
** receptor	=B848+1 (sensitive receptor: C807)				
** receptor	DISCCART	407212.499132233	3758362.50618277	443.20	1.50
** receptor	=B849+1 (sensitive receptor: C808)				
** receptor	DISCCART	407212.499132233	3758337.50127244	442.80	1.50
** receptor	=B850+1 (sensitive receptor: C809)				
** receptor	DISCCART	407212.499132233	3758312.50636009	443.20	1.50
** receptor	=B851+1 (sensitive receptor: C810)				
** receptor	DISCCART	407212.499132233	3758287.50144976	443.70	1.50
** receptor	=B852+1 (sensitive receptor: C811)				
** receptor	DISCCART	407212.499132233	3758262.50653741	446.60	1.50
** receptor	=B853+1 (sensitive receptor: C812)				
** receptor	DISCCART	407212.499132233	3758237.50162708	449.50	1.50
** receptor	=B854+1 (sensitive receptor: C813)				
** receptor	DISCCART	407212.499132233	3758212.50671473	458.60	1.50
** receptor	=B855+1 (sensitive receptor: C814)				
** receptor	DISCCART	407212.499132233	3758187.5018044	462.50	1.50
** receptor	=B856+1 (sensitive receptor: C815)				
** receptor	DISCCART	407212.499132233	3758162.50689204	460.80	1.50
** receptor	=B857+1 (sensitive receptor: C816)				
** receptor	DISCCART	407212.499132233	3758137.50198172	449.20	1.50
** receptor	=B858+1 (sensitive receptor: C817)				
** receptor	DISCCART	407237.500532139	3758512.50565081	469.00	1.50
** receptor	=B859+1 (sensitive receptor: C818)				

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** DISCCART	407237.500532139	3758487.50074049	471.60	1.50
** receptor	=B860+1 (sensitive receptor: C819)			
** DISCCART	407237.500532139	3758462.50582813	471.30	1.50
** receptor	=B861+1 (sensitive receptor: C820)			
** DISCCART	407237.500532139	3758437.50091781	468.30	1.50
** receptor	=B862+1 (sensitive receptor: C821)			
** DISCCART	407237.500532139	3758412.50600545	460.10	1.50
** receptor	=B863+1 (sensitive receptor: C822)			
** DISCCART	407237.500532139	3758387.50109513	451.90	1.50
** receptor	=B864+1 (sensitive receptor: C823)			
** DISCCART	407237.500532139	3758362.50618277	448.60	1.50
** receptor	=B865+1 (sensitive receptor: C824)			
** DISCCART	407237.500532139	3758337.50127244	448.60	1.50
** receptor	=B866+1 (sensitive receptor: C825)			
** DISCCART	407237.500532139	3758312.50636009	450.00	1.50
** receptor	=B867+1 (sensitive receptor: C826)			
** DISCCART	407237.500532139	3758287.50144976	451.90	1.50
** receptor	=B868+1 (sensitive receptor: C827)			
** DISCCART	407237.500532139	3758262.50653741	452.30	1.50
** receptor	=B869+1 (sensitive receptor: C828)			
** DISCCART	407237.500532139	3758237.50162708	452.70	1.50
** receptor	=B870+1 (sensitive receptor: C829)			
** DISCCART	407237.500532139	3758212.50671473	459.60	1.50
** receptor	=B871+1 (sensitive receptor: C830)			
** DISCCART	407237.500532139	3758187.5018044	459.90	1.50
** receptor	=B872+1 (sensitive receptor: C831)			
** DISCCART	407237.500532139	3758162.50689204	454.90	1.50
** receptor	=B873+1 (sensitive receptor: C832)			
** DISCCART	407237.500532139	3758137.50198172	446.70	1.50
** receptor	=B874+1 (sensitive receptor: C833)			
** DISCCART	407262.501932044	3758512.50565081	473.20	1.50
** receptor	=B875+1 (sensitive receptor: C834)			
** DISCCART	407262.501932044	3758487.50074049	475.60	1.50
** receptor	=B876+1 (sensitive receptor: C835)			
** DISCCART	407262.501932044	3758462.50582813	476.10	1.50
** receptor	=B877+1 (sensitive receptor: C836)			
** DISCCART	407262.501932044	3758437.50091781	479.90	1.50
** receptor	=B878+1 (sensitive receptor: C837)			
** DISCCART	407262.501932044	3758412.50600545	475.10	1.50
** receptor	=B879+1 (sensitive receptor: C838)			
** DISCCART	407262.501932044	3758387.50109513	459.10	1.50
** receptor	=B880+1 (sensitive receptor: C839)			
** DISCCART	407262.501932044	3758362.50618277	453.60	1.50
** receptor	=B881+1 (sensitive receptor: C840)			
** DISCCART	407262.501932044	3758337.50127244	453.60	1.50
** receptor	=B882+1 (sensitive receptor: C841)			
** DISCCART	407262.501932044	3758312.50636009	456.80	1.50
** receptor	=B883+1 (sensitive receptor: C842)			
** DISCCART	407262.501932044	3758287.50144976	456.90	1.50
** receptor	=B884+1 (sensitive receptor: C843)			
** DISCCART	407262.501932044	3758262.50653741	459.20	1.50
** receptor	=B885+1 (sensitive receptor: C844)			
** DISCCART	407262.501932044	3758237.50162708	456.80	1.50
** receptor	=B886+1 (sensitive receptor: C845)			
** DISCCART	407262.501932044	3758212.50671473	453.80	1.50
** receptor	=B887+1 (sensitive receptor: C846)			
** DISCCART	407262.501932044	3758187.5018044	451.70	1.50
** receptor	=B888+1 (sensitive receptor: C847)			
** DISCCART	407262.501932044	3758162.50689204	448.30	1.50
** receptor	=B889+1 (sensitive receptor: C848)			
** DISCCART	407262.501932044	3758137.50198172	441.80	1.50
** receptor	=B890+1 (sensitive receptor: C849)			
** DISCCART	407287.50333195	3758512.50565081	479.90	1.50
** receptor	=B891+1 (sensitive receptor: C850)			
** DISCCART	407287.50333195	3758487.50074049	478.20	1.50
** receptor	=B892+1 (sensitive receptor: C851)			
** DISCCART	407287.50333195	3758462.50582813	481.80	1.50
** receptor	=B893+1 (sensitive receptor: C852)			
** DISCCART	407287.50333195	3758437.50091781	484.70	1.50
** receptor	=B894+1 (sensitive receptor: C853)			
** DISCCART	407287.50333195	3758412.50600545	481.80	1.50
** receptor	=B895+1 (sensitive receptor: C854)			
** DISCCART	407287.50333195	3758387.50109513	467.40	1.50
** receptor	=B896+1 (sensitive receptor: C855)			
** DISCCART	407287.50333195	3758362.50618277	457.10	1.50
** receptor	=B897+1 (sensitive receptor: C856)			

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** DISCCART	407287.50333195	3758337.50127244	459.20	1.50
** receptor	=B898+1 (sensitive receptor: C857)			
** DISCCART	407287.50333195	3758312.50636009	461.80	1.50
** receptor	=B899+1 (sensitive receptor: C858)			
** DISCCART	407287.50333195	3758287.50144976	462.50	1.50
** receptor	=B900+1 (sensitive receptor: C859)			
** DISCCART	407287.50333195	3758262.50653741	462.50	1.50
** receptor	=B901+1 (sensitive receptor: C860)			
** DISCCART	407287.50333195	3758237.50162708	455.90	1.50
** receptor	=B902+1 (sensitive receptor: C861)			
** DISCCART	407287.50333195	3758212.50671473	445.80	1.50
** receptor	=B903+1 (sensitive receptor: C862)			
** DISCCART	407287.50333195	3758187.5018044	443.60	1.50
** receptor	=B904+1 (sensitive receptor: C863)			
** DISCCART	407287.50333195	3758162.50689204	445.70	1.50
** receptor	=B905+1 (sensitive receptor: C864)			
** DISCCART	407287.50333195	3758137.50198172	439.50	1.50
** receptor	=B906+1 (sensitive receptor: C865)			
** DISCCART	407312.496486011	3758512.50565081	492.30	1.50
** receptor	=B907+1 (sensitive receptor: C866)			
** DISCCART	407312.496486011	3758487.50074049	496.10	1.50
** receptor	=B908+1 (sensitive receptor: C867)			
** DISCCART	407312.496486011	3758462.50582813	491.20	1.50
** receptor	=B909+1 (sensitive receptor: C868)			
** DISCCART	407312.496486011	3758437.50091781	488.60	1.50
** receptor	=B910+1 (sensitive receptor: C869)			
** DISCCART	407312.496486011	3758412.50600545	485.40	1.50
** receptor	=B911+1 (sensitive receptor: C870)			
** DISCCART	407312.496486011	3758387.50109513	475.50	1.50
** receptor	=B912+1 (sensitive receptor: C871)			
** DISCCART	407312.496486011	3758362.50618277	461.20	1.50
** receptor	=B913+1 (sensitive receptor: C872)			
** DISCCART	407312.496486011	3758337.50127244	459.30	1.50
** receptor	=B914+1 (sensitive receptor: C873)			
** DISCCART	407312.496486011	3758312.50636009	462.00	1.50
** receptor	=B915+1 (sensitive receptor: C874)			
** DISCCART	407312.496486011	3758287.50144976	461.50	1.50
** receptor	=B916+1 (sensitive receptor: C875)			
** DISCCART	407312.496486011	3758262.50653741	456.60	1.50
** receptor	=B917+1 (sensitive receptor: C876)			
** DISCCART	407312.496486011	3758237.50162708	445.10	1.50
** receptor	=B918+1 (sensitive receptor: C877)			
** DISCCART	407312.496486011	3758212.50671473	438.60	1.50
** receptor	=B919+1 (sensitive receptor: C878)			
** DISCCART	407312.496486011	3758187.5018044	438.60	1.50
** receptor	=B920+1 (sensitive receptor: C879)			
** DISCCART	407312.496486011	3758162.50689204	442.80	1.50
** receptor	=B921+1 (sensitive receptor: C880)			
** DISCCART	407312.496486011	3758137.50198172	443.60	1.50
** receptor	=B922+1 (sensitive receptor: C881)			
** DISCCART	407337.497885917	3758512.50565081	502.80	1.50
** receptor	=B923+1 (sensitive receptor: C882)			
** DISCCART	407337.497885917	3758487.50074049	501.80	1.50
** receptor	=B924+1 (sensitive receptor: C883)			
** DISCCART	407337.497885917	3758462.50582813	496.80	1.50
** receptor	=B925+1 (sensitive receptor: C884)			
** DISCCART	407337.497885917	3758437.50091781	491.20	1.50
** receptor	=B926+1 (sensitive receptor: C885)			
** DISCCART	407337.497885917	3758412.50600545	485.40	1.50
** receptor	=B927+1 (sensitive receptor: C886)			
** DISCCART	407337.497885917	3758387.50109513	478.70	1.50
** receptor	=B928+1 (sensitive receptor: C887)			
** DISCCART	407337.497885917	3758362.50618277	460.80	1.50
** receptor	=B929+1 (sensitive receptor: C888)			
** DISCCART	407337.497885917	3758337.50127244	456.60	1.50
** receptor	=B930+1 (sensitive receptor: C889)			
** DISCCART	407337.497885917	3758312.50636009	453.70	1.50
** receptor	=B931+1 (sensitive receptor: C890)			
** DISCCART	407337.497885917	3758287.50144976	450.10	1.50
** receptor	=B932+1 (sensitive receptor: C891)			
** DISCCART	407337.497885917	3758262.50653741	445.50	1.50
** receptor	=B933+1 (sensitive receptor: C892)			
** DISCCART	407337.497885917	3758237.50162708	440.20	1.50
** receptor	=B934+1 (sensitive receptor: C893)			
** DISCCART	407337.497885917	3758212.50671473	434.50	1.50
** receptor	=B935+1 (sensitive receptor: C894)			

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** DISCCART	407337.497885917	3758187.5018044	433.80	1.50
** receptor	=B936+1 (sensitive receptor: C895)			
** DISCCART	407337.497885917	3758162.50689204	441.20	1.50
** receptor	=B937+1 (sensitive receptor: C896)			
** DISCCART	407337.497885917	3758137.50198172	442.90	1.50
** receptor	=B938+1 (sensitive receptor: C897)			
** DISCCART	407362.499285822	3758512.50565081	502.60	1.50
** receptor	=B939+1 (sensitive receptor: C898)			
** DISCCART	407362.499285822	3758487.50074049	501.80	1.50
** receptor	=B940+1 (sensitive receptor: C899)			
** DISCCART	407362.499285822	3758462.50582813	496.80	1.50
** receptor	=B941+1 (sensitive receptor: C900)			
** DISCCART	407362.499285822	3758437.50091781	490.90	1.50
** receptor	=B942+1 (sensitive receptor: C901)			
** DISCCART	407362.499285822	3758412.50600545	485.40	1.50
** receptor	=B943+1 (sensitive receptor: C902)			
** DISCCART	407362.499285822	3758387.50109513	478.80	1.50
** receptor	=B944+1 (sensitive receptor: C903)			
** DISCCART	407362.499285822	3758362.50618277	464.50	1.50
** receptor	=B945+1 (sensitive receptor: C904)			
** DISCCART	407362.499285822	3758337.50127244	456.80	1.50
** receptor	=B946+1 (sensitive receptor: C905)			
** DISCCART	407362.499285822	3758312.50636009	448.10	1.50
** receptor	=B947+1 (sensitive receptor: C906)			
** DISCCART	407362.499285822	3758287.50144976	441.90	1.50
** receptor	=B948+1 (sensitive receptor: C907)			
** DISCCART	407362.499285822	3758262.50653741	436.90	1.50
** receptor	=B949+1 (sensitive receptor: C908)			
** DISCCART	407362.499285822	3758237.50162708	424.60	1.50
** receptor	=B950+1 (sensitive receptor: C909)			
** DISCCART	407362.499285822	3758212.50671473	424.10	1.50
** receptor	=B951+1 (sensitive receptor: C910)			
** DISCCART	407362.499285822	3758187.5018044	421.30	1.50
** receptor	=B952+1 (sensitive receptor: C911)			
** DISCCART	407362.499285822	3758162.50689204	428.40	1.50
** receptor	=B953+1 (sensitive receptor: C912)			
** DISCCART	407362.499285822	3758137.50198172	434.50	1.50
** receptor	=B954+1 (sensitive receptor: C913)			
** DISCCART	407387.500685728	3758512.50565081	498.90	1.50
** receptor	=B955+1 (sensitive receptor: C914)			
** DISCCART	407387.500685728	3758487.50074049	499.30	1.50
** receptor	=B956+1 (sensitive receptor: C915)			
** DISCCART	407387.500685728	3758462.50582813	492.20	1.50
** receptor	=B957+1 (sensitive receptor: C916)			
** DISCCART	407387.500685728	3758437.50091781	483.60	1.50
** receptor	=B958+1 (sensitive receptor: C917)			
** DISCCART	407387.500685728	3758412.50600545	482.50	1.50
** receptor	=B959+1 (sensitive receptor: C918)			
** DISCCART	407387.500685728	3758387.50109513	478.80	1.50
** receptor	=B960+1 (sensitive receptor: C919)			
** DISCCART	407387.500685728	3758362.50618277	467.30	1.50
** receptor	=B961+1 (sensitive receptor: C920)			
** DISCCART	407387.500685728	3758337.50127244	462.40	1.50
** receptor	=B962+1 (sensitive receptor: C921)			
** DISCCART	407387.500685728	3758312.50636009	451.80	1.50
** receptor	=B963+1 (sensitive receptor: C922)			
** DISCCART	407387.500685728	3758287.50144976	442.00	1.50
** receptor	=B964+1 (sensitive receptor: C923)			
** DISCCART	407387.500685728	3758262.50653741	430.80	1.50
** receptor	=B965+1 (sensitive receptor: C924)			
** DISCCART	407387.500685728	3758237.50162708	419.80	1.50
** receptor	=B966+1 (sensitive receptor: C925)			
** DISCCART	407387.500685728	3758212.50671473	408.90	1.50
** receptor	=B967+1 (sensitive receptor: C926)			
** DISCCART	407387.500685728	3758187.5018044	394.30	1.50
** receptor	=B968+1 (sensitive receptor: C927)			
** DISCCART	407387.500685728	3758162.50689204	394.70	1.50
** receptor	=B969+1 (sensitive receptor: C928)			
** DISCCART	407387.500685728	3758137.50198172	398.00	1.50
** receptor	=B970+1 (sensitive receptor: C929)			
** DISCCART	407412.502085634	3758512.50565081	496.20	1.50
** receptor	=B971+1 (sensitive receptor: C930)			
** DISCCART	407412.502085634	3758487.50074049	495.20	1.50
** receptor	=B972+1 (sensitive receptor: C931)			
** DISCCART	407412.502085634	3758462.50582813	487.40	1.50
** receptor	=B973+1 (sensitive receptor: C932)			

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PM 24 hour Emissions unmitigated

** DISCCART	407412.502085634	3758437.50091781	478.80	1.50
** receptor	=B974+1 (sensitive receptor: C933)			
** DISCCART	407412.502085634	3758412.50600545	475.60	1.50
** receptor	=B975+1 (sensitive receptor: C934)			
** DISCCART	407412.502085634	3758387.50109513	475.60	1.50
** receptor	=B976+1 (sensitive receptor: C935)			
** DISCCART	407412.502085634	3758362.50618277	468.90	1.50
** receptor	=B977+1 (sensitive receptor: C936)			
** DISCCART	407412.502085634	3758337.50127244	462.40	1.50
** receptor	=B978+1 (sensitive receptor: C937)			
** DISCCART	407412.502085634	3758312.50636009	458.40	1.50
** receptor	=B979+1 (sensitive receptor: C938)			
** DISCCART	407412.502085634	3758287.50144976	447.80	1.50
** receptor	=B980+1 (sensitive receptor: C939)			
** DISCCART	407412.502085634	3758262.50653741	438.20	1.50
** receptor	=B981+1 (sensitive receptor: C940)			
** DISCCART	407412.502085634	3758237.50162708	424.90	1.50
** receptor	=B982+1 (sensitive receptor: C941)			
** DISCCART	407412.502085634	3758212.50671473	411.40	1.50
** receptor	=B983+1 (sensitive receptor: C942)			
** DISCCART	407412.502085634	3758187.5018044	399.60	1.50
** receptor	=B984+1 (sensitive receptor: C943)			
** DISCCART	407412.502085634	3758162.50689204	395.00	1.50
** receptor	=B985+1 (sensitive receptor: C944)			
** DISCCART	407412.502085634	3758137.50198172	390.30	1.50
** receptor	=B986+1 (sensitive receptor: C945)			
** DISCCART	407437.495239695	3758512.50565081	503.70	1.50
** receptor	=B987+1 (sensitive receptor: C946)			
** DISCCART	407437.495239695	3758487.50074049	503.70	1.50
** receptor	=B988+1 (sensitive receptor: C947)			
** DISCCART	407437.495239695	3758462.50582813	503.30	1.50
** receptor	=B989+1 (sensitive receptor: C948)			
** DISCCART	407437.495239695	3758437.50091781	494.10	1.50
** receptor	=B990+1 (sensitive receptor: C949)			
** DISCCART	407437.495239695	3758412.50600545	482.30	1.50
** receptor	=B991+1 (sensitive receptor: C950)			
** DISCCART	407437.495239695	3758387.50109513	475.50	1.50
** receptor	=B992+1 (sensitive receptor: C951)			
** DISCCART	407437.495239695	3758362.50618277	469.00	1.50
** receptor	=B993+1 (sensitive receptor: C952)			
** DISCCART	407437.495239695	3758337.50127244	465.80	1.50
** receptor	=B994+1 (sensitive receptor: C953)			
** DISCCART	407437.495239695	3758312.50636009	462.10	1.50
** receptor	=B995+1 (sensitive receptor: C954)			
** DISCCART	407437.495239695	3758287.50144976	458.40	1.50
** receptor	=B996+1 (sensitive receptor: C955)			
** DISCCART	407437.495239695	3758262.50653741	442.80	1.50
** receptor	=B997+1 (sensitive receptor: C956)			
** DISCCART	407437.495239695	3758237.50162708	432.20	1.50
** receptor	=B998+1 (sensitive receptor: C957)			
** DISCCART	407437.495239695	3758212.50671473	427.20	1.50
** receptor	=B999+1 (sensitive receptor: C958)			
** DISCCART	407437.495239695	3758187.5018044	424.90	1.50
** receptor	=B1000+1 (sensitive receptor: C959)			
** DISCCART	407437.495239695	3758162.50689204	420.00	1.50
** receptor	=B1001+1 (sensitive receptor: C960)			
** DISCCART	407437.495239695	3758137.50198172	409.50	1.50
** receptor	=B1002+1 (sensitive receptor: C961)			
** DISCCART	407462.4966396	3758512.50565081	519.20	1.50
** receptor	=B1003+1 (sensitive receptor: C962)			
** DISCCART	407462.4966396	3758487.50074049	519.20	1.50
** receptor	=B1004+1 (sensitive receptor: C963)			
** DISCCART	407462.4966396	3758462.50582813	522.90	1.50
** receptor	=B1005+1 (sensitive receptor: C964)			
** DISCCART	407462.4966396	3758437.50091781	512.40	1.50
** receptor	=B1006+1 (sensitive receptor: C965)			
** DISCCART	407462.4966396	3758412.50600545	490.10	1.50
** receptor	=B1007+1 (sensitive receptor: C966)			
** DISCCART	407462.4966396	3758387.50109513	475.50	1.50
** receptor	=B1008+1 (sensitive receptor: C967)			
** DISCCART	407462.4966396	3758362.50618277	463.10	1.50
** receptor	=B1009+1 (sensitive receptor: C968)			
** DISCCART	407462.4966396	3758337.50127244	461.60	1.50
** receptor	=B1010+1 (sensitive receptor: C969)			
** DISCCART	407462.4966396	3758312.50636009	461.60	1.50
** receptor	=B1011+1 (sensitive receptor: C970)			

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DISCCART 407462.4966396 3758287.50144976 462.50 1.50
 ** receptor =B1012+1 (sensitive receptor: C971)
 DISCCART 407462.4966396 3758262.50653741 456.30 1.50
 ** receptor =B1013+1 (sensitive receptor: C972)
 DISCCART 407462.4966396 3758237.50162708 442.30 1.50
 ** receptor =B1014+1 (sensitive receptor: C973)
 DISCCART 407462.4966396 3758212.50671473 437.60 1.50
 ** receptor =B1015+1 (sensitive receptor: C974)
 DISCCART 407462.4966396 3758187.5018044 434.80 1.50
 ** receptor =B1016+1 (sensitive receptor: C975)
 DISCCART 407462.4966396 3758162.50689204 429.80 1.50
 ** receptor =B1017+1 (sensitive receptor: C976)
 DISCCART 407462.4966396 3758137.50198172 424.90 1.50
 ** receptor =B1018+1 (sensitive receptor: C977)
 DISCCART 407487.498039506 3758512.50565081 518.10 1.50
 ** receptor =B1019+1 (sensitive receptor: C978)
 DISCCART 407487.498039506 3758487.50074049 528.10 1.50
 ** receptor =B1020+1 (sensitive receptor: C979)
 DISCCART 407487.498039506 3758462.50582813 526.70 1.50
 ** receptor =B1021+1 (sensitive receptor: C980)
 DISCCART 407487.498039506 3758437.50091781 512.20 1.50
 ** receptor =B1022+1 (sensitive receptor: C981)
 DISCCART 407487.498039506 3758412.50600545 488.90 1.50
 ** receptor =B1023+1 (sensitive receptor: C982)
 DISCCART 407487.498039506 3758387.50109513 472.90 1.50
 ** receptor =B1024+1 (sensitive receptor: C983)
 DISCCART 407487.498039506 3758362.50618277 462.10 1.50
 ** receptor =B1025+1 (sensitive receptor: C984)
 DISCCART 407487.498039506 3758337.50127244 459.20 1.50
 ** receptor =B1026+1 (sensitive receptor: C985)
 DISCCART 407487.498039506 3758312.50636009 459.20 1.50
 ** receptor =B1027+1 (sensitive receptor: C986)
 DISCCART 407487.498039506 3758287.50144976 461.80 1.50
 ** receptor =B1028+1 (sensitive receptor: C987)
 DISCCART 407487.498039506 3758262.50653741 461.80 1.50
 ** receptor =B1029+1 (sensitive receptor: C988)
 DISCCART 407487.498039506 3758237.50162708 458.50 1.50
 ** receptor =B1030+1 (sensitive receptor: C989)
 DISCCART 407487.498039506 3758212.50671473 454.80 1.50
 ** receptor =B1031+1 (sensitive receptor: C990)
 DISCCART 407487.498039506 3758187.5018044 447.90 1.50
 ** receptor =B1032+1 (sensitive receptor: C991)
 DISCCART 407487.498039506 3758162.50689204 444.60 1.50
 ** receptor =B1033+1 (sensitive receptor: C992)
 DISCCART 407487.498039506 3758137.50198172 441.30 1.50
 ** receptor =B1034+1 (sensitive receptor: C993)
 DISCCART 407512.499439412 3758512.50565081 491.60 1.50
 ** receptor =B1035+1 (sensitive receptor: C994)
 DISCCART 407512.499439412 3758487.50074049 495.00 1.50
 ** receptor =B1036+1 (sensitive receptor: C995)
 DISCCART 407512.499439412 3758462.50582813 504.30 1.50
 ** receptor =B1037+1 (sensitive receptor: C996)
 DISCCART 407512.499439412 3758437.50091781 496.60 1.50
 ** receptor =B1038+1 (sensitive receptor: C997)
 DISCCART 407512.499439412 3758412.50600545 478.90 1.50
 ** receptor =B1039+1 (sensitive receptor: C998)
 DISCCART 407512.499439412 3758387.50109513 468.00 1.50
 ** receptor =B1040+1 (sensitive receptor: C999)
 DISCCART 407512.499439412 3758362.50618277 462.00 1.50
 ** receptor =B1041+1 (sensitive receptor: C1000)
 DISCCART 407512.499439412 3758337.50127244 466.70 1.50
 ** receptor =B1042+1 (sensitive receptor: C1001)
 DISCCART 407512.499439412 3758312.50636009 467.10 1.50
 ** receptor =B1043+1 (sensitive receptor: C1002)
 DISCCART 407512.499439412 3758287.50144976 466.70 1.50
 ** receptor =B1044+1 (sensitive receptor: C1003)
 DISCCART 407512.499439412 3758262.50653741 466.70 1.50
 ** receptor =B1045+1 (sensitive receptor: C1004)
 DISCCART 407512.499439412 3758237.50162708 463.40 1.50
 ** receptor =B1046+1 (sensitive receptor: C1005)
 DISCCART 407512.499439412 3758212.50671473 463.40 1.50
 ** receptor =B1047+1 (sensitive receptor: C1006)
 DISCCART 407512.499439412 3758187.5018044 461.00 1.50
 ** receptor =B1048+1 (sensitive receptor: C1007)
 DISCCART 407512.499439412 3758162.50689204 459.30 1.50
 ** receptor =B1049+1 (sensitive receptor: C1008)

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DISCCART 407512.499439412 3758137.50198172 453.60 1.50
 ** receptor =B1050+1 (sensitive receptor: C1009)
 DISCCART 407537.500839317 3758512.50565081 0.00 1.50
 ** receptor =B1051+1 (sensitive receptor: C1010)
 DISCCART 407537.500839317 3758487.50074049 0.00 1.50
 ** receptor =B1052+1 (sensitive receptor: C1011)
 DISCCART 407537.500839317 3758462.50582813 0.00 1.50
 ** receptor =B1053+1 (sensitive receptor: C1012)
 DISCCART 407537.500839317 3758437.50091781 0.00 1.50
 ** receptor =B1054+1 (sensitive receptor: C1013)
 DISCCART 407537.500839317 3758412.50600545 0.00 1.50
 ** receptor =B1055+1 (sensitive receptor: C1014)
 DISCCART 407537.500839317 3758387.50109513 0.00 1.50
 ** receptor =B1056+1 (sensitive receptor: C1015)
 DISCCART 407537.500839317 3758362.50618277 0.00 1.50
 ** receptor =B1057+1 (sensitive receptor: C1016)
 DISCCART 407537.500839317 3758337.50127244 0.00 1.50
 ** receptor =B1058+1 (sensitive receptor: C1017)
 DISCCART 407537.500839317 3758312.50636009 0.00 1.50
 ** receptor =B1059+1 (sensitive receptor: C1018)
 DISCCART 407537.500839317 3758287.50144976 0.00 1.50
 ** receptor =B1060+1 (sensitive receptor: C1019)
 DISCCART 407537.500839317 3758262.50653741 0.00 1.50
 ** receptor =B1061+1 (sensitive receptor: C1020)
 DISCCART 407537.500839317 3758237.50162708 0.00 1.50
 ** receptor =B1062+1 (sensitive receptor: C1021)
 DISCCART 407537.500839317 3758212.50671473 0.00 1.50
 ** receptor =B1063+1 (sensitive receptor: C1022)
 DISCCART 407537.500839317 3758187.5018044 0.00 1.50
 ** receptor =B1064+1 (sensitive receptor: C1023)
 DISCCART 407537.500839317 3758162.50689204 0.00 1.50
 ** receptor =B1065+1 (sensitive receptor: C1024)
 DISCCART 407537.500839317 3758137.50198172 0.00 1.50
 ** receptor =B1066+1 (sensitive receptor: C1025)
 DISCCART 407562.502239223 3758512.50565081 0.00 1.50
 ** receptor =B1067+1 (sensitive receptor: C1026)
 DISCCART 407562.502239223 3758487.50074049 0.00 1.50
 ** receptor =B1068+1 (sensitive receptor: C1027)
 DISCCART 407562.502239223 3758462.50582813 0.00 1.50
 ** receptor =B1069+1 (sensitive receptor: C1028)
 DISCCART 407562.502239223 3758437.50091781 0.00 1.50
 ** receptor =B1070+1 (sensitive receptor: C1029)
 DISCCART 407562.502239223 3758412.50600545 0.00 1.50
 ** receptor =B1071+1 (sensitive receptor: C1030)
 DISCCART 407562.502239223 3758387.50109513 0.00 1.50
 ** receptor =B1072+1 (sensitive receptor: C1031)
 DISCCART 407562.502239223 3758362.50618277 0.00 1.50
 ** receptor =B1073+1 (sensitive receptor: C1032)
 DISCCART 407562.502239223 3758337.50127244 0.00 1.50
 ** receptor =B1074+1 (sensitive receptor: C1033)
 DISCCART 407562.502239223 3758312.50636009 0.00 1.50
 ** receptor =B1075+1 (sensitive receptor: C1034)
 DISCCART 407562.502239223 3758287.50144976 0.00 1.50
 ** receptor =B1076+1 (sensitive receptor: C1035)
 DISCCART 407562.502239223 3758262.50653741 0.00 1.50
 ** receptor =B1077+1 (sensitive receptor: C1036)
 DISCCART 407562.502239223 3758237.50162708 0.00 1.50
 ** receptor =B1078+1 (sensitive receptor: C1037)
 DISCCART 407562.502239223 3758212.50671473 0.00 1.50
 ** receptor =B1079+1 (sensitive receptor: C1038)
 DISCCART 407562.502239223 3758187.5018044 0.00 1.50
 ** receptor =B1080+1 (sensitive receptor: C1039)
 DISCCART 407562.502239223 3758162.50689204 0.00 1.50
 ** receptor =B1081+1 (sensitive receptor: C1040)
 DISCCART 407562.502239223 3758137.50198172 0.00 1.50
 ** receptor =B1082+1 (sensitive receptor: C1041)
 DISCCART 407587.495393284 3758512.50565081 0.00 1.50
 ** receptor =B1083+1 (sensitive receptor: C1042)
 DISCCART 407587.495393284 3758487.50074049 0.00 1.50
 ** receptor =B1084+1 (sensitive receptor: C1043)
 DISCCART 407587.495393284 3758462.50582813 0.00 1.50
 ** receptor =B1085+1 (sensitive receptor: C1044)
 DISCCART 407587.495393284 3758437.50091781 0.00 1.50
 ** receptor =B1086+1 (sensitive receptor: C1045)
 DISCCART 407587.495393284 3758412.50600545 0.00 1.50
 ** receptor =B1087+1 (sensitive receptor: C1046)

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DISCCART 407587.495393284 3758387.50109513 0.00 1.50
 ** receptor =B1088+1 (sensitive receptor: C1047)
 DISCCART 407587.495393284 3758362.50618277 0.00 1.50
 ** receptor =B1089+1 (sensitive receptor: C1048)
 DISCCART 407587.495393284 3758337.50127244 0.00 1.50
 ** receptor =B1090+1 (sensitive receptor: C1049)
 DISCCART 407587.495393284 3758312.50636009 0.00 1.50
 ** receptor =B1091+1 (sensitive receptor: C1050)
 DISCCART 407587.495393284 3758287.50144976 0.00 1.50
 ** receptor =B1092+1 (sensitive receptor: C1051)
 DISCCART 407587.495393284 3758262.50653741 0.00 1.50
 ** receptor =B1093+1 (sensitive receptor: C1052)
 DISCCART 407587.495393284 3758237.50162708 0.00 1.50
 ** receptor =B1094+1 (sensitive receptor: C1053)
 DISCCART 407587.495393284 3758212.50671473 0.00 1.50
 ** receptor =B1095+1 (sensitive receptor: C1054)
 DISCCART 407587.495393284 3758187.5018044 0.00 1.50
 ** receptor =B1096+1 (sensitive receptor: C1055)
 DISCCART 407587.495393284 3758162.50689204 0.00 1.50
 ** receptor =B1097+1 (sensitive receptor: C1056)
 DISCCART 407587.495393284 3758137.50198172 0.00 1.50
 ** receptor =B1098+1 (sensitive receptor: C1057)
 DISCCART 407612.49679319 3758512.50565081 0.00 1.50
 ** receptor =B1099+1 (sensitive receptor: C1058)
 DISCCART 407612.49679319 3758487.50074049 0.00 1.50
 ** receptor =B1100+1 (sensitive receptor: C1059)
 DISCCART 407612.49679319 3758462.50582813 0.00 1.50
 ** receptor =B1101+1 (sensitive receptor: C1060)
 DISCCART 407612.49679319 3758437.50091781 0.00 1.50
 ** receptor =B1102+1 (sensitive receptor: C1061)
 DISCCART 407612.49679319 3758412.50600545 0.00 1.50
 ** receptor =B1103+1 (sensitive receptor: C1062)
 DISCCART 407612.49679319 3758387.50109513 0.00 1.50
 ** receptor =B1104+1 (sensitive receptor: C1063)
 DISCCART 407612.49679319 3758362.50618277 0.00 1.50
 ** receptor =B1105+1 (sensitive receptor: C1064)
 DISCCART 407612.49679319 3758337.50127244 0.00 1.50
 ** receptor =B1106+1 (sensitive receptor: C1065)
 DISCCART 407612.49679319 3758312.50636009 0.00 1.50
 ** receptor =B1107+1 (sensitive receptor: C1066)
 DISCCART 407612.49679319 3758287.50144976 0.00 1.50
 ** receptor =B1108+1 (sensitive receptor: C1067)
 DISCCART 407612.49679319 3758262.50653741 0.00 1.50
 ** receptor =B1109+1 (sensitive receptor: C1068)
 DISCCART 407612.49679319 3758237.50162708 0.00 1.50
 ** receptor =B1110+1 (sensitive receptor: C1069)
 DISCCART 407612.49679319 3758212.50671473 0.00 1.50
 ** receptor =B1111+1 (sensitive receptor: C1070)
 DISCCART 407612.49679319 3758187.5018044 0.00 1.50
 ** receptor =B1112+1 (sensitive receptor: C1071)
 DISCCART 407612.49679319 3758162.50689204 0.00 1.50
 ** receptor =B1113+1 (sensitive receptor: C1072)
 DISCCART 407612.49679319 3758137.50198172 0.00 1.50
 ** receptor =B1114+1 (sensitive receptor: C1073)
 DISCCART 407637.498193095 3758512.50565081 0.00 1.50
 ** receptor =B1115+1 (sensitive receptor: C1074)
 DISCCART 407637.498193095 3758487.50074049 0.00 1.50
 ** receptor =B1116+1 (sensitive receptor: C1075)
 DISCCART 407637.498193095 3758462.50582813 0.00 1.50
 ** receptor =B1117+1 (sensitive receptor: C1076)
 DISCCART 407637.498193095 3758437.50091781 0.00 1.50
 ** receptor =B1118+1 (sensitive receptor: C1077)
 DISCCART 407637.498193095 3758412.50600545 0.00 1.50
 ** receptor =B1119+1 (sensitive receptor: C1078)
 DISCCART 407637.498193095 3758387.50109513 0.00 1.50
 ** receptor =B1120+1 (sensitive receptor: C1079)
 DISCCART 407637.498193095 3758362.50618277 0.00 1.50
 ** receptor =B1121+1 (sensitive receptor: C1080)
 DISCCART 407637.498193095 3758337.50127244 0.00 1.50
 ** receptor =B1122+1 (sensitive receptor: C1081)
 DISCCART 407637.498193095 3758312.50636009 0.00 1.50
 ** receptor =B1123+1 (sensitive receptor: C1082)
 DISCCART 407637.498193095 3758287.50144976 0.00 1.50
 ** receptor =B1124+1 (sensitive receptor: C1083)
 DISCCART 407637.498193095 3758262.50653741 0.00 1.50
 ** receptor =B1125+1 (sensitive receptor: C1084)

Appendix B

PM 24 hour Emissions unmitigated

DISCCART 407637.498193095 3758237.50162708 0.00 1.50
 ** receptor =B1126+1 (sensitive receptor: C1085)
 DISCCART 407637.498193095 3758212.50671473 0.00 1.50
 ** receptor =B1127+1 (sensitive receptor: C1086)
 DISCCART 407637.498193095 3758187.5018044 0.00 1.50
 ** receptor =B1128+1 (sensitive receptor: C1087)
 DISCCART 407637.498193095 3758162.50689204 0.00 1.50
 ** receptor =B1129+1 (sensitive receptor: C1088)
 DISCCART 407637.498193095 3758137.50198172 0.00 1.50
 ** receptor =B1130+1 (sensitive receptor: C1089)
 DISCCART 407662.499593001 3758512.50565081 0.00 1.50
 ** receptor =B1131+1 (sensitive receptor: C1090)
 DISCCART 407662.499593001 3758487.50074049 0.00 1.50
 ** receptor =B1132+1 (sensitive receptor: C1091)
 DISCCART 407662.499593001 3758462.50582813 0.00 1.50
 ** receptor =B1133+1 (sensitive receptor: C1092)
 DISCCART 407662.499593001 3758437.50091781 0.00 1.50
 ** receptor =B1134+1 (sensitive receptor: C1093)
 DISCCART 407662.499593001 3758412.50600545 0.00 1.50
 ** receptor =B1135+1 (sensitive receptor: C1094)
 DISCCART 407662.499593001 3758387.50109513 0.00 1.50
 ** receptor =B1136+1 (sensitive receptor: C1095)
 DISCCART 407662.499593001 3758362.50618277 0.00 1.50
 ** receptor =B1137+1 (sensitive receptor: C1096)
 DISCCART 407662.499593001 3758337.50127244 0.00 1.50
 ** receptor =B1138+1 (sensitive receptor: C1097)
 DISCCART 407662.499593001 3758312.50636009 0.00 1.50
 ** receptor =B1139+1 (sensitive receptor: C1098)
 DISCCART 407662.499593001 3758287.50144976 0.00 1.50
 ** receptor =B1140+1 (sensitive receptor: C1099)
 DISCCART 407662.499593001 3758262.50653741 0.00 1.50
 ** receptor =B1141+1 (sensitive receptor: C1100)
 DISCCART 407662.499593001 3758237.50162708 0.00 1.50
 ** receptor =B1142+1 (sensitive receptor: C1101)
 DISCCART 407662.499593001 3758212.50671473 0.00 1.50
 ** receptor =B1143+1 (sensitive receptor: C1102)
 DISCCART 407662.499593001 3758187.5018044 0.00 1.50
 ** receptor =B1144+1 (sensitive receptor: C1103)
 DISCCART 407662.499593001 3758162.50689204 0.00 1.50
 ** receptor =B1145+1 (sensitive receptor: C1104)
 DISCCART 407662.499593001 3758137.50198172 0.00 1.50
 ** receptor =B1146+1 (sensitive receptor: C1105)
 DISCCART 407687.500992907 3758512.50565081 0.00 1.50
 ** receptor =B1147+1 (sensitive receptor: C1106)
 DISCCART 407687.500992907 3758487.50074049 0.00 1.50
 ** receptor =B1148+1 (sensitive receptor: C1107)
 DISCCART 407687.500992907 3758462.50582813 0.00 1.50
 ** receptor =B1149+1 (sensitive receptor: C1108)
 DISCCART 407687.500992907 3758437.50091781 0.00 1.50
 ** receptor =B1150+1 (sensitive receptor: C1109)
 DISCCART 407687.500992907 3758412.50600545 0.00 1.50
 ** receptor =B1151+1 (sensitive receptor: C1110)
 DISCCART 407687.500992907 3758387.50109513 0.00 1.50
 ** receptor =B1152+1 (sensitive receptor: C1111)
 DISCCART 407687.500992907 3758362.50618277 0.00 1.50
 ** receptor =B1153+1 (sensitive receptor: C1112)
 DISCCART 407687.500992907 3758337.50127244 0.00 1.50
 ** receptor =B1154+1 (sensitive receptor: C1113)
 DISCCART 407687.500992907 3758312.50636009 0.00 1.50
 ** receptor =B1155+1 (sensitive receptor: C1114)
 DISCCART 407687.500992907 3758287.50144976 0.00 1.50
 ** receptor =B1156+1 (sensitive receptor: C1115)
 DISCCART 407687.500992907 3758262.50653741 0.00 1.50
 ** receptor =B1157+1 (sensitive receptor: C1116)
 DISCCART 407687.500992907 3758237.50162708 0.00 1.50
 ** receptor =B1158+1 (sensitive receptor: C1117)
 DISCCART 407687.500992907 3758212.50671473 0.00 1.50
 ** receptor =B1159+1 (sensitive receptor: C1118)
 DISCCART 407687.500992907 3758187.5018044 0.00 1.50
 ** receptor =B1160+1 (sensitive receptor: C1119)
 DISCCART 407687.500992907 3758162.50689204 0.00 1.50
 ** receptor =B1161+1 (sensitive receptor: C1120)
 DISCCART 407687.500992907 3758137.50198172 0.00 1.50
 ** receptor =B1162+1 (sensitive receptor: C1121)
 DISCCART 407712.502392812 3758512.50565081 0.00 1.50
 ** receptor =B1163+1 (sensitive receptor: C1122)

Appendix B

PM 24 hour Emissions unmitigated

DISCCART 407712.502392812 3758487.50074049 0.00 1.50
 ** receptor =B1164+1 (sensitive receptor: C1123)
 DISCCART 407712.502392812 3758462.50582813 0.00 1.50
 ** receptor =B1165+1 (sensitive receptor: C1124)
 DISCCART 407712.502392812 3758437.50091781 0.00 1.50
 ** receptor =B1166+1 (sensitive receptor: C1125)
 DISCCART 407712.502392812 3758412.50600545 0.00 1.50
 ** receptor =B1167+1 (sensitive receptor: C1126)
 DISCCART 407712.502392812 3758387.50109513 0.00 1.50
 ** receptor =B1168+1 (sensitive receptor: C1127)
 DISCCART 407712.502392812 3758362.50618277 0.00 1.50
 ** receptor =B1169+1 (sensitive receptor: C1128)
 DISCCART 407712.502392812 3758337.50127244 0.00 1.50
 ** receptor =B1170+1 (sensitive receptor: C1129)
 DISCCART 407712.502392812 3758312.50636009 0.00 1.50
 ** receptor =B1171+1 (sensitive receptor: C1130)
 DISCCART 407712.502392812 3758287.50144976 0.00 1.50
 ** receptor =B1172+1 (sensitive receptor: C1131)
 DISCCART 407712.502392812 3758262.50653741 0.00 1.50
 ** receptor =B1173+1 (sensitive receptor: C1132)
 DISCCART 407712.502392812 3758237.50162708 0.00 1.50
 ** receptor =B1174+1 (sensitive receptor: C1133)
 DISCCART 407712.502392812 3758212.50671473 0.00 1.50
 ** receptor =B1175+1 (sensitive receptor: C1134)
 DISCCART 407712.502392812 3758187.5018044 0.00 1.50
 ** receptor =B1176+1 (sensitive receptor: C1135)
 DISCCART 407712.502392812 3758162.50689204 0.00 1.50
 ** receptor =B1177+1 (sensitive receptor: C1136)
 DISCCART 407712.502392812 3758137.50198172 0.00 1.50
 ** receptor =B1178+1 (sensitive receptor: C1137)
 DISCCART 407737.495546874 3758512.50565081 0.00 1.50
 ** receptor =B1179+1 (sensitive receptor: C1138)
 DISCCART 407737.495546874 3758487.50074049 0.00 1.50
 ** receptor =B1180+1 (sensitive receptor: C1139)
 DISCCART 407737.495546874 3758462.50582813 0.00 1.50
 ** receptor =B1181+1 (sensitive receptor: C1140)
 DISCCART 407737.495546874 3758437.50091781 0.00 1.50
 ** receptor =B1182+1 (sensitive receptor: C1141)
 DISCCART 407737.495546874 3758412.50600545 0.00 1.50
 ** receptor =B1183+1 (sensitive receptor: C1142)
 DISCCART 407737.495546874 3758387.50109513 0.00 1.50
 ** receptor =B1184+1 (sensitive receptor: C1143)
 DISCCART 407737.495546874 3758362.50618277 0.00 1.50
 ** receptor =B1185+1 (sensitive receptor: C1144)
 DISCCART 407737.495546874 3758337.50127244 0.00 1.50
 ** receptor =B1186+1 (sensitive receptor: C1145)
 DISCCART 407737.495546874 3758312.50636009 0.00 1.50
 ** receptor =B1187+1 (sensitive receptor: C1146)
 DISCCART 407737.495546874 3758287.50144976 0.00 1.50
 ** receptor =B1188+1 (sensitive receptor: C1147)
 DISCCART 407737.495546874 3758262.50653741 0.00 1.50
 ** receptor =B1189+1 (sensitive receptor: C1148)
 DISCCART 407737.495546874 3758237.50162708 0.00 1.50
 ** receptor =B1190+1 (sensitive receptor: C1149)
 DISCCART 407737.495546874 3758212.50671473 0.00 1.50
 ** receptor =B1191+1 (sensitive receptor: C1150)
 DISCCART 407737.495546874 3758187.5018044 0.00 1.50
 ** receptor =B1192+1 (sensitive receptor: C1151)
 DISCCART 407737.495546874 3758162.50689204 0.00 1.50
 ** receptor =B1193+1 (sensitive receptor: C1152)
 DISCCART 407737.495546874 3758137.50198172 0.00 1.50
 ** receptor =B1194+1 (sensitive receptor: C1153)
 DISCCART 407762.496946779 3758512.50565081 0.00 1.50
 ** receptor =B1195+1 (sensitive receptor: C1154)
 DISCCART 407762.496946779 3758487.50074049 0.00 1.50
 ** receptor =B1196+1 (sensitive receptor: C1155)
 DISCCART 407762.496946779 3758462.50582813 0.00 1.50
 ** receptor =B1197+1 (sensitive receptor: C1156)
 DISCCART 407762.496946779 3758437.50091781 0.00 1.50
 ** receptor =B1198+1 (sensitive receptor: C1157)
 DISCCART 407762.496946779 3758412.50600545 0.00 1.50
 ** receptor =B1199+1 (sensitive receptor: C1158)
 DISCCART 407762.496946779 3758387.50109513 0.00 1.50
 ** receptor =B1200+1 (sensitive receptor: C1159)
 DISCCART 407762.496946779 3758362.50618277 0.00 1.50
 ** receptor =B1201+1 (sensitive receptor: C1160)

Appendix B

PM 24 hour Emissions unmitigated

DISCCART 407762.496946779 3758337.50127244 0.00 1.50
 ** receptor =B1202+1 (sensitive receptor: C1161)
 DISCCART 407762.496946779 3758312.50636009 0.00 1.50
 ** receptor =B1203+1 (sensitive receptor: C1162)
 DISCCART 407762.496946779 3758287.50144976 0.00 1.50
 ** receptor =B1204+1 (sensitive receptor: C1163)
 DISCCART 407762.496946779 3758262.50653741 0.00 1.50
 ** receptor =B1205+1 (sensitive receptor: C1164)
 DISCCART 407762.496946779 3758237.50162708 0.00 1.50
 ** receptor =B1206+1 (sensitive receptor: C1165)
 DISCCART 407762.496946779 3758212.50671473 0.00 1.50
 ** receptor =B1207+1 (sensitive receptor: C1166)
 DISCCART 407762.496946779 3758187.5018044 0.00 1.50
 ** receptor =B1208+1 (sensitive receptor: C1167)
 DISCCART 407762.496946779 3758162.50689204 0.00 1.50
 ** receptor =B1209+1 (sensitive receptor: C1168)
 DISCCART 407762.496946779 3758137.50198172 0.00 1.50
 ** receptor =B1210+1 (sensitive receptor: C1169)
 DISCCART 407787.498346685 3758512.50565081 0.00 1.50
 ** receptor =B1211+1 (sensitive receptor: C1170)
 DISCCART 407787.498346685 3758487.50074049 0.00 1.50
 ** receptor =B1212+1 (sensitive receptor: C1171)
 DISCCART 407787.498346685 3758462.50582813 0.00 1.50
 ** receptor =B1213+1 (sensitive receptor: C1172)
 DISCCART 407787.498346685 3758437.50091781 0.00 1.50
 ** receptor =B1214+1 (sensitive receptor: C1173)
 DISCCART 407787.498346685 3758412.50600545 0.00 1.50
 ** receptor =B1215+1 (sensitive receptor: C1174)
 DISCCART 407787.498346685 3758387.50109513 0.00 1.50
 ** receptor =B1216+1 (sensitive receptor: C1175)
 DISCCART 407787.498346685 3758362.50618277 0.00 1.50
 ** receptor =B1217+1 (sensitive receptor: C1176)
 DISCCART 407787.498346685 3758337.50127244 0.00 1.50
 ** receptor =B1218+1 (sensitive receptor: C1177)
 DISCCART 407787.498346685 3758312.50636009 0.00 1.50
 ** receptor =B1219+1 (sensitive receptor: C1178)
 DISCCART 407787.498346685 3758287.50144976 0.00 1.50
 ** receptor =B1220+1 (sensitive receptor: C1179)
 DISCCART 407787.498346685 3758262.50653741 0.00 1.50
 ** receptor =B1221+1 (sensitive receptor: C1180)
 DISCCART 407787.498346685 3758237.50162708 0.00 1.50
 ** receptor =B1222+1 (sensitive receptor: C1181)
 DISCCART 407787.498346685 3758212.50671473 0.00 1.50
 ** receptor =B1223+1 (sensitive receptor: C1182)
 DISCCART 407787.498346685 3758187.5018044 0.00 1.50
 ** receptor =B1224+1 (sensitive receptor: C1183)
 DISCCART 407787.498346685 3758162.50689204 0.00 1.50
 ** receptor =B1225+1 (sensitive receptor: C1184)
 DISCCART 407787.498346685 3758137.50198172 0.00 1.50
 ** receptor =B1226+1 (sensitive receptor: C1185)
 DISCCART 407812.49974659 3758512.50565081 0.00 1.50
 ** receptor =B1227+1 (sensitive receptor: C1186)
 DISCCART 407812.49974659 3758487.50074049 0.00 1.50
 ** receptor =B1228+1 (sensitive receptor: C1187)
 DISCCART 407812.49974659 3758462.50582813 0.00 1.50
 ** receptor =B1229+1 (sensitive receptor: C1188)
 DISCCART 407812.49974659 3758437.50091781 0.00 1.50
 ** receptor =B1230+1 (sensitive receptor: C1189)
 DISCCART 407812.49974659 3758412.50600545 0.00 1.50
 ** receptor =B1231+1 (sensitive receptor: C1190)
 DISCCART 407812.49974659 3758387.50109513 0.00 1.50
 ** receptor =B1232+1 (sensitive receptor: C1191)
 DISCCART 407812.49974659 3758362.50618277 0.00 1.50
 ** receptor =B1233+1 (sensitive receptor: C1192)
 DISCCART 407812.49974659 3758337.50127244 0.00 1.50
 ** receptor =B1234+1 (sensitive receptor: C1193)
 DISCCART 407812.49974659 3758312.50636009 0.00 1.50
 ** receptor =B1235+1 (sensitive receptor: C1194)
 DISCCART 407812.49974659 3758287.50144976 0.00 1.50
 ** receptor =B1236+1 (sensitive receptor: C1195)
 DISCCART 407812.49974659 3758262.50653741 0.00 1.50
 ** receptor =B1237+1 (sensitive receptor: C1196)
 DISCCART 407812.49974659 3758237.50162708 0.00 1.50
 ** receptor =B1238+1 (sensitive receptor: C1197)
 DISCCART 407812.49974659 3758212.50671473 0.00 1.50
 ** receptor =B1239+1 (sensitive receptor: C1198)

Appendix B

PM 24 hour Emissions unmitigated

DISCCART 407812.49974659 3758187.5018044 0.00 1.50
 ** receptor =B1240+1 (sensitive receptor: C1199)
 DISCCART 407812.49974659 3758162.50689204 0.00 1.50
 ** receptor =B1241+1 (sensitive receptor: C1200)
 DISCCART 407812.49974659 3758137.50198172 0.00 1.50
 ** receptor =B1242+1 (sensitive receptor: C1201)
 DISCCART 407837.501146496 3758512.50565081 0.00 1.50
 ** receptor =B1243+1 (sensitive receptor: C1202)
 DISCCART 407837.501146496 3758487.50074049 0.00 1.50
 ** receptor =B1244+1 (sensitive receptor: C1203)
 DISCCART 407837.501146496 3758462.50582813 0.00 1.50
 ** receptor =B1245+1 (sensitive receptor: C1204)
 DISCCART 407837.501146496 3758437.50091781 0.00 1.50
 ** receptor =B1246+1 (sensitive receptor: C1205)
 DISCCART 407837.501146496 3758412.50600545 0.00 1.50
 ** receptor =B1247+1 (sensitive receptor: C1206)
 DISCCART 407837.501146496 3758387.50109513 0.00 1.50
 ** receptor =B1248+1 (sensitive receptor: C1207)
 DISCCART 407837.501146496 3758362.50618277 0.00 1.50
 ** receptor =B1249+1 (sensitive receptor: C1208)
 DISCCART 407837.501146496 3758337.50127244 0.00 1.50
 ** receptor =B1250+1 (sensitive receptor: C1209)
 DISCCART 407837.501146496 3758312.50636009 0.00 1.50
 ** receptor =B1251+1 (sensitive receptor: C1210)
 DISCCART 407837.501146496 3758287.50144976 0.00 1.50
 ** receptor =B1252+1 (sensitive receptor: C1211)
 DISCCART 407837.501146496 3758262.50653741 0.00 1.50
 ** receptor =B1253+1 (sensitive receptor: C1212)
 DISCCART 407837.501146496 3758237.50162708 0.00 1.50
 ** receptor =B1254+1 (sensitive receptor: C1213)
 DISCCART 407837.501146496 3758212.50671473 0.00 1.50
 ** receptor =B1255+1 (sensitive receptor: C1214)
 DISCCART 407837.501146496 3758187.5018044 0.00 1.50
 ** receptor =B1256+1 (sensitive receptor: C1215)
 DISCCART 407837.501146496 3758162.50689204 0.00 1.50
 ** receptor =B1257+1 (sensitive receptor: C1216)
 DISCCART 407837.501146496 3758137.50198172 0.00 1.50
 ** receptor =B1258+1 (sensitive receptor: C1217)
 DISCCART 407862.502546402 3758512.50565081 0.00 1.50
 ** receptor =B1259+1 (sensitive receptor: C1218)
 DISCCART 407862.502546402 3758487.50074049 0.00 1.50
 ** receptor =B1260+1 (sensitive receptor: C1219)
 DISCCART 407862.502546402 3758462.50582813 0.00 1.50
 ** receptor =B1261+1 (sensitive receptor: C1220)
 DISCCART 407862.502546402 3758437.50091781 0.00 1.50
 ** receptor =B1262+1 (sensitive receptor: C1221)
 DISCCART 407862.502546402 3758412.50600545 0.00 1.50
 ** receptor =B1263+1 (sensitive receptor: C1222)
 DISCCART 407862.502546402 3758387.50109513 0.00 1.50
 ** receptor =B1264+1 (sensitive receptor: C1223)
 DISCCART 407862.502546402 3758362.50618277 0.00 1.50
 ** receptor =B1265+1 (sensitive receptor: C1224)
 DISCCART 407862.502546402 3758337.50127244 0.00 1.50
 ** receptor =B1266+1 (sensitive receptor: C1225)
 DISCCART 407862.502546402 3758312.50636009 0.00 1.50
 ** receptor =B1267+1 (sensitive receptor: C1226)
 DISCCART 407862.502546402 3758287.50144976 0.00 1.50
 ** receptor =B1268+1 (sensitive receptor: C1227)
 DISCCART 407862.502546402 3758262.50653741 0.00 1.50
 ** receptor =B1269+1 (sensitive receptor: C1228)
 DISCCART 407862.502546402 3758237.50162708 0.00 1.50
 ** receptor =B1270+1 (sensitive receptor: C1229)
 DISCCART 407862.502546402 3758212.50671473 0.00 1.50
 ** receptor =B1271+1 (sensitive receptor: C1230)
 DISCCART 407862.502546402 3758187.5018044 0.00 1.50
 ** receptor =B1272+1 (sensitive receptor: C1231)
 DISCCART 407862.502546402 3758162.50689204 0.00 1.50
 ** receptor =B1273+1 (sensitive receptor: C1232)
 DISCCART 407862.502546402 3758137.50198172 0.00 1.50
 ** receptor =B1274+1 (sensitive receptor: C1233)
 DISCCART 407887.503946307 3758512.50565081 0.00 1.50
 ** receptor =B1275+1 (sensitive receptor: C1234)
 DISCCART 407887.503946307 3758487.50074049 0.00 1.50
 ** receptor =B1276+1 (sensitive receptor: C1235)
 DISCCART 407887.503946307 3758462.50582813 0.00 1.50
 ** receptor =B1277+1 (sensitive receptor: C1236)

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DISCCART 407887.503946307 3758437.50091781 0.00 1.50
 ** receptor =B1278+1 (sensitive receptor: C1237)
 DISCCART 407887.503946307 3758412.50600545 0.00 1.50
 ** receptor =B1279+1 (sensitive receptor: C1238)
 DISCCART 407887.503946307 3758387.50109513 0.00 1.50
 ** receptor =B1280+1 (sensitive receptor: C1239)
 DISCCART 407887.503946307 3758362.50618277 0.00 1.50
 ** receptor =B1281+1 (sensitive receptor: C1240)
 DISCCART 407887.503946307 3758337.50127244 0.00 1.50
 ** receptor =B1282+1 (sensitive receptor: C1241)
 DISCCART 407887.503946307 3758312.50636009 0.00 1.50
 ** receptor =B1283+1 (sensitive receptor: C1242)
 DISCCART 407887.503946307 3758287.50144976 0.00 1.50
 ** receptor =B1284+1 (sensitive receptor: C1243)
 DISCCART 407887.503946307 3758262.50653741 0.00 1.50
 ** receptor =B1285+1 (sensitive receptor: C1244)
 DISCCART 407887.503946307 3758237.50162708 0.00 1.50
 ** receptor =B1286+1 (sensitive receptor: C1245)
 DISCCART 407887.503946307 3758212.50671473 0.00 1.50
 ** receptor =B1287+1 (sensitive receptor: C1246)
 DISCCART 407887.503946307 3758187.5018044 0.00 1.50
 ** receptor =B1288+1 (sensitive receptor: C1247)
 DISCCART 407887.503946307 3758162.50689204 0.00 1.50
 ** receptor =B1289+1 (sensitive receptor: C1248)
 DISCCART 407887.503946307 3758137.50198172 0.00 1.50
 ** receptor =B1290+1 (sensitive receptor: C1249)
 DISCCART 407912.497100369 3758512.50565081 0.00 1.50
 ** receptor =B1291+1 (sensitive receptor: C1250)
 DISCCART 407912.497100369 3758487.50074049 0.00 1.50
 ** receptor =B1292+1 (sensitive receptor: C1251)
 DISCCART 407912.497100369 3758462.50582813 0.00 1.50
 ** receptor =B1293+1 (sensitive receptor: C1252)
 DISCCART 407912.497100369 3758437.50091781 0.00 1.50
 ** receptor =B1294+1 (sensitive receptor: C1253)
 DISCCART 407912.497100369 3758412.50600545 0.00 1.50
 ** receptor =B1295+1 (sensitive receptor: C1254)
 DISCCART 407912.497100369 3758387.50109513 0.00 1.50
 ** receptor =B1296+1 (sensitive receptor: C1255)
 DISCCART 407912.497100369 3758362.50618277 0.00 1.50
 ** receptor =B1297+1 (sensitive receptor: C1256)
 DISCCART 407912.497100369 3758337.50127244 0.00 1.50
 ** receptor =B1298+1 (sensitive receptor: C1257)
 DISCCART 407912.497100369 3758312.50636009 0.00 1.50
 ** receptor =B1299+1 (sensitive receptor: C1258)
 DISCCART 407912.497100369 3758287.50144976 0.00 1.50
 ** receptor =B1300+1 (sensitive receptor: C1259)
 DISCCART 407912.497100369 3758262.50653741 0.00 1.50
 ** receptor =B1301+1 (sensitive receptor: C1260)
 DISCCART 407912.497100369 3758237.50162708 0.00 1.50
 ** receptor =B1302+1 (sensitive receptor: C1261)
 DISCCART 407912.497100369 3758212.50671473 0.00 1.50
 ** receptor =B1303+1 (sensitive receptor: C1262)
 DISCCART 407912.497100369 3758187.5018044 0.00 1.50
 ** receptor =B1304+1 (sensitive receptor: C1263)
 DISCCART 407912.497100369 3758162.50689204 0.00 1.50
 ** receptor =B1305+1 (sensitive receptor: C1264)
 DISCCART 407912.497100369 3758137.50198172 0.00 1.50
 ** receptor =B1306+1 (sensitive receptor: C1265)
 DISCCART 407937.498500274 3758512.50565081 0.00 1.50
 ** receptor =B1307+1 (sensitive receptor: C1266)
 DISCCART 407937.498500274 3758487.50074049 0.00 1.50
 ** receptor =B1308+1 (sensitive receptor: C1267)
 DISCCART 407937.498500274 3758462.50582813 0.00 1.50
 ** receptor =B1309+1 (sensitive receptor: C1268)
 DISCCART 407937.498500274 3758437.50091781 0.00 1.50
 ** receptor =B1310+1 (sensitive receptor: C1269)
 DISCCART 407937.498500274 3758412.50600545 0.00 1.50
 ** receptor =B1311+1 (sensitive receptor: C1270)
 DISCCART 407937.498500274 3758387.50109513 0.00 1.50
 ** receptor =B1312+1 (sensitive receptor: C1271)
 DISCCART 407937.498500274 3758362.50618277 0.00 1.50
 ** receptor =B1313+1 (sensitive receptor: C1272)
 DISCCART 407937.498500274 3758337.50127244 0.00 1.50
 ** receptor =B1314+1 (sensitive receptor: C1273)
 DISCCART 407937.498500274 3758312.50636009 0.00 1.50
 ** receptor =B1315+1 (sensitive receptor: C1274)

Appendix B

PM 24 hour Emissions unmitigated

DISCCART 407937.498500274 3758287.50144976 0.00 1.50
 ** receptor =B1316+1 (sensitive receptor: C1275)
 DISCCART 407937.498500274 3758262.50653741 0.00 1.50
 ** receptor =B1317+1 (sensitive receptor: C1276)
 DISCCART 407937.498500274 3758237.50162708 0.00 1.50
 ** receptor =B1318+1 (sensitive receptor: C1277)
 DISCCART 407937.498500274 3758212.50671473 0.00 1.50
 ** receptor =B1319+1 (sensitive receptor: C1278)
 DISCCART 407937.498500274 3758187.5018044 0.00 1.50
 ** receptor =B1320+1 (sensitive receptor: C1279)
 DISCCART 407937.498500274 3758162.50689204 0.00 1.50
 ** receptor =B1321+1 (sensitive receptor: C1280)
 DISCCART 407937.498500274 3758137.50198172 0.00 1.50
 ** receptor =B1322+1 (sensitive receptor: C1281)
 DISCCART 407962.49990018 3758512.50565081 0.00 1.50
 ** receptor =B1323+1 (sensitive receptor: C1282)
 DISCCART 407962.49990018 3758487.50074049 0.00 1.50
 ** receptor =B1324+1 (sensitive receptor: C1283)
 DISCCART 407962.49990018 3758462.50582813 0.00 1.50
 ** receptor =B1325+1 (sensitive receptor: C1284)
 DISCCART 407962.49990018 3758437.50091781 0.00 1.50
 ** receptor =B1326+1 (sensitive receptor: C1285)
 DISCCART 407962.49990018 3758412.50600545 0.00 1.50
 ** receptor =B1327+1 (sensitive receptor: C1286)
 DISCCART 407962.49990018 3758387.50109513 0.00 1.50
 ** receptor =B1328+1 (sensitive receptor: C1287)
 DISCCART 407962.49990018 3758362.50618277 0.00 1.50
 ** receptor =B1329+1 (sensitive receptor: C1288)
 DISCCART 407962.49990018 3758337.50127244 0.00 1.50
 ** receptor =B1330+1 (sensitive receptor: C1289)
 DISCCART 407962.49990018 3758312.50636009 0.00 1.50
 ** receptor =B1331+1 (sensitive receptor: C1290)
 DISCCART 407962.49990018 3758287.50144976 0.00 1.50
 ** receptor =B1332+1 (sensitive receptor: C1291)
 DISCCART 407962.49990018 3758262.50653741 0.00 1.50
 ** receptor =B1333+1 (sensitive receptor: C1292)
 DISCCART 407962.49990018 3758237.50162708 0.00 1.50
 ** receptor =B1334+1 (sensitive receptor: C1293)
 DISCCART 407962.49990018 3758212.50671473 0.00 1.50
 ** receptor =B1335+1 (sensitive receptor: C1294)
 DISCCART 407962.49990018 3758187.5018044 0.00 1.50
 ** receptor =B1336+1 (sensitive receptor: C1295)
 DISCCART 407962.49990018 3758162.50689204 0.00 1.50
 ** receptor =B1337+1 (sensitive receptor: C1296)
 DISCCART 407962.49990018 3758137.50198172 0.00 1.50
 ** receptor =B1338+1 (sensitive receptor: C1297)
 DISCCART 407987.501300085 3758512.50565081 0.00 1.50
 ** receptor =B1339+1 (sensitive receptor: C1298)
 DISCCART 407987.501300085 3758487.50074049 0.00 1.50
 ** receptor =B1340+1 (sensitive receptor: C1299)
 DISCCART 407987.501300085 3758462.50582813 0.00 1.50
 ** receptor =B1341+1 (sensitive receptor: C1300)
 DISCCART 407987.501300085 3758437.50091781 0.00 1.50
 ** receptor =B1342+1 (sensitive receptor: C1301)
 DISCCART 407987.501300085 3758412.50600545 0.00 1.50
 ** receptor =B1343+1 (sensitive receptor: C1302)
 DISCCART 407987.501300085 3758387.50109513 0.00 1.50
 ** receptor =B1344+1 (sensitive receptor: C1303)
 DISCCART 407987.501300085 3758362.50618277 0.00 1.50
 ** receptor =B1345+1 (sensitive receptor: C1304)
 DISCCART 407987.501300085 3758337.50127244 0.00 1.50
 ** receptor =B1346+1 (sensitive receptor: C1305)
 DISCCART 407987.501300085 3758312.50636009 0.00 1.50
 ** receptor =B1347+1 (sensitive receptor: C1306)
 DISCCART 407987.501300085 3758287.50144976 0.00 1.50
 ** receptor =B1348+1 (sensitive receptor: C1307)
 DISCCART 407987.501300085 3758262.50653741 0.00 1.50
 ** receptor =B1349+1 (sensitive receptor: C1308)
 DISCCART 407987.501300085 3758237.50162708 0.00 1.50
 ** receptor =B1350+1 (sensitive receptor: C1309)
 DISCCART 407987.501300085 3758212.50671473 0.00 1.50
 ** receptor =B1351+1 (sensitive receptor: C1310)
 DISCCART 407987.501300085 3758187.5018044 0.00 1.50
 ** receptor =B1352+1 (sensitive receptor: C1311)
 DISCCART 407987.501300085 3758162.50689204 0.00 1.50
 ** receptor =B1353+1 (sensitive receptor: C1312)

Appendix B

PM 24 hour Emissions unmitigated

DISCCART 407987.501300085 3758137.50198172 0.00 1.50
 ** receptor =B1354+1 (sensitive receptor: C1313)
 DISCCART 408012.502699991 3758512.50565081 0.00 1.50
 ** receptor =B1355+1 (sensitive receptor: C1314)
 DISCCART 408012.502699991 3758487.50074049 0.00 1.50
 ** receptor =B1356+1 (sensitive receptor: C1315)
 DISCCART 408012.502699991 3758462.50582813 0.00 1.50
 ** receptor =B1357+1 (sensitive receptor: C1316)
 DISCCART 408012.502699991 3758437.50091781 0.00 1.50
 ** receptor =B1358+1 (sensitive receptor: C1317)
 DISCCART 408012.502699991 3758412.50600545 0.00 1.50
 ** receptor =B1359+1 (sensitive receptor: C1318)
 DISCCART 408012.502699991 3758387.50109513 0.00 1.50
 ** receptor =B1360+1 (sensitive receptor: C1319)
 DISCCART 408012.502699991 3758362.50618277 0.00 1.50
 ** receptor =B1361+1 (sensitive receptor: C1320)
 DISCCART 408012.502699991 3758337.50127244 0.00 1.50
 ** receptor =B1362+1 (sensitive receptor: C1321)
 DISCCART 408012.502699991 3758312.50636009 0.00 1.50
 ** receptor =B1363+1 (sensitive receptor: C1322)
 DISCCART 408012.502699991 3758287.50144976 0.00 1.50
 ** receptor =B1364+1 (sensitive receptor: C1323)
 DISCCART 408012.502699991 3758262.50653741 0.00 1.50
 ** receptor =B1365+1 (sensitive receptor: C1324)
 DISCCART 408012.502699991 3758237.50162708 0.00 1.50
 ** receptor =B1366+1 (sensitive receptor: C1325)
 DISCCART 408012.502699991 3758212.50671473 0.00 1.50
 ** receptor =B1367+1 (sensitive receptor: C1326)
 DISCCART 408012.502699991 3758187.5018044 0.00 1.50
 ** receptor =B1368+1 (sensitive receptor: C1327)
 DISCCART 408012.502699991 3758162.50689204 0.00 1.50
 ** receptor =B1369+1 (sensitive receptor: C1328)
 DISCCART 408012.502699991 3758137.50198172 0.00 1.50
 ** receptor =B1370+1 (sensitive receptor: C1329)
 DISCCART 408037.495854052 3758512.50565081 0.00 1.50
 ** receptor =B1371+1 (sensitive receptor: C1330)
 DISCCART 408037.495854052 3758487.50074049 0.00 1.50
 ** receptor =B1372+1 (sensitive receptor: C1331)
 DISCCART 408037.495854052 3758462.50582813 0.00 1.50
 ** receptor =B1373+1 (sensitive receptor: C1332)
 DISCCART 408037.495854052 3758437.50091781 0.00 1.50
 ** receptor =B1374+1 (sensitive receptor: C1333)
 DISCCART 408037.495854052 3758412.50600545 0.00 1.50
 ** receptor =B1375+1 (sensitive receptor: C1334)
 DISCCART 408037.495854052 3758387.50109513 0.00 1.50
 ** receptor =B1376+1 (sensitive receptor: C1335)
 DISCCART 408037.495854052 3758362.50618277 0.00 1.50
 ** receptor =B1377+1 (sensitive receptor: C1336)
 DISCCART 408037.495854052 3758337.50127244 0.00 1.50
 ** receptor =B1378+1 (sensitive receptor: C1337)
 DISCCART 408037.495854052 3758312.50636009 0.00 1.50
 ** receptor =B1379+1 (sensitive receptor: C1338)
 DISCCART 408037.495854052 3758287.50144976 0.00 1.50
 ** receptor =B1380+1 (sensitive receptor: C1339)
 DISCCART 408037.495854052 3758262.50653741 0.00 1.50
 ** receptor =B1381+1 (sensitive receptor: C1340)
 DISCCART 408037.495854052 3758237.50162708 0.00 1.50
 ** receptor =B1382+1 (sensitive receptor: C1341)
 DISCCART 408037.495854052 3758212.50671473 0.00 1.50
 ** receptor =B1383+1 (sensitive receptor: C1342)
 DISCCART 408037.495854052 3758187.5018044 0.00 1.50
 ** receptor =B1384+1 (sensitive receptor: C1343)
 DISCCART 408037.495854052 3758162.50689204 0.00 1.50
 ** receptor =B1385+1 (sensitive receptor: C1344)
 DISCCART 408037.495854052 3758137.50198172 0.00 1.50
 ** receptor =B1386+1 (sensitive receptor: C1345)
 DISCCART 408062.497253958 3758512.50565081 0.00 1.50
 ** receptor =B1387+1 (sensitive receptor: C1346)
 DISCCART 408062.497253958 3758487.50074049 0.00 1.50
 ** receptor =B1388+1 (sensitive receptor: C1347)
 DISCCART 408062.497253958 3758462.50582813 0.00 1.50
 ** receptor =B1389+1 (sensitive receptor: C1348)
 DISCCART 408062.497253958 3758437.50091781 0.00 1.50
 ** receptor =B1390+1 (sensitive receptor: C1349)
 DISCCART 408062.497253958 3758412.50600545 0.00 1.50
 ** receptor =B1391+1 (sensitive receptor: C1350)

Appendix B

PM 24 hour Emissions unmitigated

DISCCART 408062.497253958 3758387.50109513 0.00 1.50
 ** receptor =B1392+1 (sensitive receptor: C1351)
 DISCCART 408062.497253958 3758362.50618277 0.00 1.50
 ** receptor =B1393+1 (sensitive receptor: C1352)
 DISCCART 408062.497253958 3758337.50127244 0.00 1.50
 ** receptor =B1394+1 (sensitive receptor: C1353)
 DISCCART 408062.497253958 3758312.50636009 0.00 1.50
 ** receptor =B1395+1 (sensitive receptor: C1354)
 DISCCART 408062.497253958 3758287.50144976 0.00 1.50
 ** receptor =B1396+1 (sensitive receptor: C1355)
 DISCCART 408062.497253958 3758262.50653741 0.00 1.50
 ** receptor =B1397+1 (sensitive receptor: C1356)
 DISCCART 408062.497253958 3758237.50162708 0.00 1.50
 ** receptor =B1398+1 (sensitive receptor: C1357)
 DISCCART 408062.497253958 3758212.50671473 0.00 1.50
 ** receptor =B1399+1 (sensitive receptor: C1358)
 DISCCART 408062.497253958 3758187.5018044 0.00 1.50
 ** receptor =B1400+1 (sensitive receptor: C1359)
 DISCCART 408062.497253958 3758162.50689204 0.00 1.50
 ** receptor =B1401+1 (sensitive receptor: C1360)
 DISCCART 408062.497253958 3758137.50198172 0.00 1.50
 ** receptor =B1402+1 (sensitive receptor: C1361)
 DISCCART 408087.498653864 3758512.50565081 0.00 1.50
 ** receptor =B1403+1 (sensitive receptor: C1362)
 DISCCART 408087.498653864 3758487.50074049 0.00 1.50
 ** receptor =B1404+1 (sensitive receptor: C1363)
 DISCCART 408087.498653864 3758462.50582813 0.00 1.50
 ** receptor =B1405+1 (sensitive receptor: C1364)
 DISCCART 408087.498653864 3758437.50091781 0.00 1.50
 ** receptor =B1406+1 (sensitive receptor: C1365)
 DISCCART 408087.498653864 3758412.50600545 0.00 1.50
 ** receptor =B1407+1 (sensitive receptor: C1366)
 DISCCART 408087.498653864 3758387.50109513 0.00 1.50
 ** receptor =B1408+1 (sensitive receptor: C1367)
 DISCCART 408087.498653864 3758362.50618277 0.00 1.50
 ** receptor =B1409+1 (sensitive receptor: C1368)
 DISCCART 408087.498653864 3758337.50127244 0.00 1.50
 ** receptor =B1410+1 (sensitive receptor: C1369)
 DISCCART 408087.498653864 3758312.50636009 0.00 1.50
 ** receptor =B1411+1 (sensitive receptor: C1370)
 DISCCART 408087.498653864 3758287.50144976 0.00 1.50
 ** receptor =B1412+1 (sensitive receptor: C1371)
 DISCCART 408087.498653864 3758262.50653741 0.00 1.50
 ** receptor =B1413+1 (sensitive receptor: C1372)
 DISCCART 408087.498653864 3758237.50162708 0.00 1.50
 ** receptor =B1414+1 (sensitive receptor: C1373)
 DISCCART 408087.498653864 3758212.50671473 0.00 1.50
 ** receptor =B1415+1 (sensitive receptor: C1374)
 DISCCART 408087.498653864 3758187.5018044 0.00 1.50
 ** receptor =B1416+1 (sensitive receptor: C1375)
 DISCCART 408087.498653864 3758162.50689204 0.00 1.50
 ** receptor =B1417+1 (sensitive receptor: C1376)
 DISCCART 408087.498653864 3758137.50198172 0.00 1.50
 ** receptor =B1418+1 (sensitive receptor: C1377)
 DISCCART 408112.500053769 3758512.50565081 0.00 1.50
 ** receptor =B1419+1 (sensitive receptor: C1378)
 DISCCART 408112.500053769 3758487.50074049 0.00 1.50
 ** receptor =B1420+1 (sensitive receptor: C1379)
 DISCCART 408112.500053769 3758462.50582813 0.00 1.50
 ** receptor =B1421+1 (sensitive receptor: C1380)
 DISCCART 408112.500053769 3758437.50091781 0.00 1.50
 ** receptor =B1422+1 (sensitive receptor: C1381)
 DISCCART 408112.500053769 3758412.50600545 0.00 1.50
 ** receptor =B1423+1 (sensitive receptor: C1382)
 DISCCART 408112.500053769 3758387.50109513 0.00 1.50
 ** receptor =B1424+1 (sensitive receptor: C1383)
 DISCCART 408112.500053769 3758362.50618277 0.00 1.50
 ** receptor =B1425+1 (sensitive receptor: C1384)
 DISCCART 408112.500053769 3758337.50127244 0.00 1.50
 ** receptor =B1426+1 (sensitive receptor: C1385)
 DISCCART 408112.500053769 3758312.50636009 0.00 1.50
 ** receptor =B1427+1 (sensitive receptor: C1386)
 DISCCART 408112.500053769 3758287.50144976 0.00 1.50
 ** receptor =B1428+1 (sensitive receptor: C1387)
 DISCCART 408112.500053769 3758262.50653741 0.00 1.50
 ** receptor =B1429+1 (sensitive receptor: C1388)

Appendix B

PM 24 hour Emissions unmitigated

DISCCART 408112.500053769 3758237.50162708 0.00 1.50
 ** receptor =B1430+1 (sensitive receptor: C1389)
 DISCCART 408112.500053769 3758212.50671473 0.00 1.50
 ** receptor =B1431+1 (sensitive receptor: C1390)
 DISCCART 408112.500053769 3758187.5018044 0.00 1.50
 ** receptor =B1432+1 (sensitive receptor: C1391)
 DISCCART 408112.500053769 3758162.50689204 0.00 1.50
 ** receptor =B1433+1 (sensitive receptor: C1392)
 DISCCART 408112.500053769 3758137.50198172 0.00 1.50
 ** receptor =B1434+1 (sensitive receptor: C1393)
 DISCCART 405962.503349551 3758562.50547349 305.00 1.50
 ** receptor =B1435+1 (sensitive receptor: C1394)
 DISCCART 406012.497903518 3758562.50547349 310.40 1.50
 ** receptor =B1436+1 (sensitive receptor: C1395)
 DISCCART 406062.500703329 3758562.50547349 313.60 1.50
 ** receptor =B1437+1 (sensitive receptor: C1396)
 DISCCART 406112.495257296 3758562.50547349 318.20 1.50
 ** receptor =B1438+1 (sensitive receptor: C1397)
 DISCCART 406162.498057107 3758562.50547349 322.40 1.50
 ** receptor =B1439+1 (sensitive receptor: C1398)
 DISCCART 406212.500856919 3758562.50547349 328.40 1.50
 ** receptor =B1440+1 (sensitive receptor: C1399)
 DISCCART 406262.495410886 3758562.50547349 335.50 1.50
 ** receptor =B1441+1 (sensitive receptor: C1400)
 DISCCART 406312.498210697 3758562.50547349 341.60 1.50
 ** receptor =B1442+1 (sensitive receptor: C1401)
 DISCCART 406362.501010508 3758562.50547349 345.30 1.50
 ** receptor =B1443+1 (sensitive receptor: C1402)
 DISCCART 406412.503810319 3758562.50547349 351.00 1.50
 ** receptor =B1444+1 (sensitive receptor: C1403)
 DISCCART 406462.498364286 3758562.50547349 354.70 1.50
 ** receptor =B1445+1 (sensitive receptor: C1404)
 DISCCART 405962.503349551 3760012.50033123 750.90 1.50
 ** receptor =B1446+1 (sensitive receptor: C1405)
 DISCCART 405962.503349551 3759962.50050855 743.80 1.50
 ** receptor =B1447+1 (sensitive receptor: C1406)
 DISCCART 405962.503349551 3759912.50068587 723.60 1.50
 ** receptor =B1448+1 (sensitive receptor: C1407)
 DISCCART 405962.503349551 3759862.50086319 669.10 1.50
 ** receptor =B1449+1 (sensitive receptor: C1408)
 DISCCART 405962.503349551 3759812.50104051 634.60 1.50
 ** receptor =B1450+1 (sensitive receptor: C1409)
 DISCCART 405962.503349551 3759762.50121783 620.30 1.50
 ** receptor =B1451+1 (sensitive receptor: C1410)
 DISCCART 405962.503349551 3759712.50139515 564.10 1.50
 ** receptor =B1452+1 (sensitive receptor: C1411)
 DISCCART 405962.503349551 3759662.50157247 540.40 1.50
 ** receptor =B1453+1 (sensitive receptor: C1412)
 DISCCART 405962.503349551 3759612.50174979 524.00 1.50
 ** receptor =B1454+1 (sensitive receptor: C1413)
 DISCCART 405962.503349551 3759562.5019271 515.20 1.50
 ** receptor =B1455+1 (sensitive receptor: C1414)
 DISCCART 405962.503349551 3759512.50210442 526.20 1.50
 ** receptor =B1456+1 (sensitive receptor: C1415)
 DISCCART 405962.503349551 3759462.50228174 524.00 1.50
 ** receptor =B1457+1 (sensitive receptor: C1416)
 DISCCART 405962.503349551 3759412.50245906 505.00 1.50
 ** receptor =B1458+1 (sensitive receptor: C1417)
 DISCCART 405962.503349551 3759362.50263638 471.70 1.50
 ** receptor =B1459+1 (sensitive receptor: C1418)
 DISCCART 405962.503349551 3759312.5028137 439.90 1.50
 ** receptor =B1460+1 (sensitive receptor: C1419)
 DISCCART 405962.503349551 3759262.50299102 407.50 1.50
 ** receptor =B1461+1 (sensitive receptor: C1420)
 DISCCART 405962.503349551 3759212.50316834 382.00 1.50
 ** receptor =B1462+1 (sensitive receptor: C1421)
 DISCCART 405962.503349551 3759162.50334566 375.50 1.50
 ** receptor =B1463+1 (sensitive receptor: C1422)
 DISCCART 405962.503349551 3759112.50352298 368.90 1.50
 ** receptor =B1464+1 (sensitive receptor: C1423)
 DISCCART 405962.503349551 3759062.5037003 360.80 1.50
 ** receptor =B1465+1 (sensitive receptor: C1424)
 DISCCART 405962.503349551 3759012.50387762 356.30 1.50
 ** receptor =B1466+1 (sensitive receptor: C1425)
 DISCCART 405962.503349551 3758962.50405494 351.90 1.50
 ** receptor =B1467+1 (sensitive receptor: C1426)

Appendix B

PM 24 hour Emissions unmitigated

** DISCCART	405962.503349551	3758912.50423226	344.80	1.50
** receptor	=B1468+1 (sensitive receptor: C1427)			
** DISCCART	405962.503349551	3758862.50440957	339.90	1.50
** receptor	=B1469+1 (sensitive receptor: C1428)			
** DISCCART	405962.503349551	3758812.50458689	334.60	1.50
** receptor	=B1470+1 (sensitive receptor: C1429)			
** DISCCART	405962.503349551	3758762.50476421	326.80	1.50
** receptor	=B1471+1 (sensitive receptor: C1430)			
** DISCCART	405962.503349551	3758712.50494153	321.40	1.50
** receptor	=B1472+1 (sensitive receptor: C1431)			
** DISCCART	405962.503349551	3758662.50511885	315.30	1.50
** receptor	=B1473+1 (sensitive receptor: C1432)			
** DISCCART	405962.503349551	3758612.50529617	311.60	1.50
** receptor	=B1474+1 (sensitive receptor: C1433)			
** DISCCART	406012.497903518	3760012.50033123	745.20	1.50
** receptor	=B1475+1 (sensitive receptor: C1434)			
** DISCCART	406012.497903518	3759962.50050855	709.30	1.50
** receptor	=B1476+1 (sensitive receptor: C1435)			
** DISCCART	406012.497903518	3759912.50068587	657.10	1.50
** receptor	=B1477+1 (sensitive receptor: C1436)			
** DISCCART	406012.497903518	3759862.50086319	652.70	1.50
** receptor	=B1478+1 (sensitive receptor: C1437)			
** DISCCART	406012.497903518	3759812.50104051	630.20	1.50
** receptor	=B1479+1 (sensitive receptor: C1438)			
** DISCCART	406012.497903518	3759762.50121783	621.20	1.50
** receptor	=B1480+1 (sensitive receptor: C1439)			
** DISCCART	406012.497903518	3759712.50139515	609.80	1.50
** receptor	=B1481+1 (sensitive receptor: C1440)			
** DISCCART	406012.497903518	3759662.50157247	547.00	1.50
** receptor	=B1482+1 (sensitive receptor: C1441)			
** DISCCART	406012.497903518	3759612.50174979	536.20	1.50
** receptor	=B1483+1 (sensitive receptor: C1442)			
** DISCCART	406012.497903518	3759562.5019271	527.20	1.50
** receptor	=B1484+1 (sensitive receptor: C1443)			
** DISCCART	406012.497903518	3759512.50210442	527.40	1.50
** receptor	=B1485+1 (sensitive receptor: C1444)			
** DISCCART	406012.497903518	3759462.50228174	510.20	1.50
** receptor	=B1486+1 (sensitive receptor: C1445)			
** DISCCART	406012.497903518	3759412.50245906	484.30	1.50
** receptor	=B1487+1 (sensitive receptor: C1446)			
** DISCCART	406012.497903518	3759362.50263638	463.80	1.50
** receptor	=B1488+1 (sensitive receptor: C1447)			
** DISCCART	406012.497903518	3759312.5028137	437.80	1.50
** receptor	=B1489+1 (sensitive receptor: C1448)			
** DISCCART	406012.497903518	3759262.50299102	416.70	1.50
** receptor	=B1490+1 (sensitive receptor: C1449)			
** DISCCART	406012.497903518	3759212.50316834	383.40	1.50
** receptor	=B1491+1 (sensitive receptor: C1450)			
** DISCCART	406012.497903518	3759162.50334566	380.50	1.50
** receptor	=B1492+1 (sensitive receptor: C1451)			
** DISCCART	406012.497903518	3759112.50352298	374.40	1.50
** receptor	=B1493+1 (sensitive receptor: C1452)			
** DISCCART	406012.497903518	3759062.5037003	366.10	1.50
** receptor	=B1494+1 (sensitive receptor: C1453)			
** DISCCART	406012.497903518	3759012.50387762	359.70	1.50
** receptor	=B1495+1 (sensitive receptor: C1454)			
** DISCCART	406012.497903518	3758962.50405494	358.00	1.50
** receptor	=B1496+1 (sensitive receptor: C1455)			
** DISCCART	406012.497903518	3758912.50423226	351.40	1.50
** receptor	=B1497+1 (sensitive receptor: C1456)			
** DISCCART	406012.497903518	3758862.50440957	342.70	1.50
** receptor	=B1498+1 (sensitive receptor: C1457)			
** DISCCART	406012.497903518	3758812.50458689	336.60	1.50
** receptor	=B1499+1 (sensitive receptor: C1458)			
** DISCCART	406012.497903518	3758762.50476421	331.70	1.50
** receptor	=B1500+1 (sensitive receptor: C1459)			
** DISCCART	406012.497903518	3758712.50494153	324.70	1.50
** receptor	=B1501+1 (sensitive receptor: C1460)			
** DISCCART	406012.497903518	3758662.50511885	318.20	1.50
** receptor	=B1502+1 (sensitive receptor: C1461)			
** DISCCART	406012.497903518	3758612.50529617	313.60	1.50
** receptor	=B1503+1 (sensitive receptor: C1462)			
** DISCCART	406062.500703329	3760012.50033123	693.70	1.50
** receptor	=B1504+1 (sensitive receptor: C1463)			
** DISCCART	406062.500703329	3759812.50104051	547.90	1.50
** receptor	=B1505+1 (sensitive receptor: C1464)			

Appendix B

PM 24 hour Emissions unmitigated

DISCCART 406062.500703329 3759762.50121783 539.90 1.50
 ** receptor =B1506+1 (sensitive receptor: C1465)
 DISCCART 406062.500703329 3759712.50139515 551.10 1.50
 ** receptor =B1507+1 (sensitive receptor: C1466)
 DISCCART 406062.500703329 3759662.50157247 527.90 1.50
 ** receptor =B1508+1 (sensitive receptor: C1467)
 DISCCART 406062.500703329 3759612.50174979 525.00 1.50
 ** receptor =B1509+1 (sensitive receptor: C1468)
 DISCCART 406062.500703329 3759562.5019271 495.30 1.50
 ** receptor =B1510+1 (sensitive receptor: C1469)
 DISCCART 406062.500703329 3759512.50210442 470.80 1.50
 ** receptor =B1511+1 (sensitive receptor: C1470)
 DISCCART 406062.500703329 3759462.50228174 464.00 1.50
 ** receptor =B1512+1 (sensitive receptor: C1471)
 DISCCART 406062.500703329 3759412.50245906 448.20 1.50
 ** receptor =B1513+1 (sensitive receptor: C1472)
 DISCCART 406062.500703329 3759362.50263638 430.30 1.50
 ** receptor =B1514+1 (sensitive receptor: C1473)
 DISCCART 406062.500703329 3759312.5028137 423.40 1.50
 ** receptor =B1515+1 (sensitive receptor: C1474)
 DISCCART 406062.500703329 3759262.50299102 395.60 1.50
 ** receptor =B1516+1 (sensitive receptor: C1475)
 DISCCART 406062.500703329 3759212.50316834 392.40 1.50
 ** receptor =B1517+1 (sensitive receptor: C1476)
 DISCCART 406062.500703329 3759162.50334566 387.00 1.50
 ** receptor =B1518+1 (sensitive receptor: C1477)
 DISCCART 406062.500703329 3759112.50352298 380.50 1.50
 ** receptor =B1519+1 (sensitive receptor: C1478)
 DISCCART 406062.500703329 3759062.5037003 373.90 1.50
 ** receptor =B1520+1 (sensitive receptor: C1479)
 DISCCART 406062.500703329 3759012.50387762 368.30 1.50
 ** receptor =B1521+1 (sensitive receptor: C1480)
 DISCCART 406062.500703329 3758962.50405494 364.10 1.50
 ** receptor =B1522+1 (sensitive receptor: C1481)
 DISCCART 406062.500703329 3758912.50423226 356.30 1.50
 ** receptor =B1523+1 (sensitive receptor: C1482)
 DISCCART 406062.500703329 3758862.50440957 348.60 1.50
 ** receptor =B1524+1 (sensitive receptor: C1483)
 DISCCART 406062.500703329 3758812.50458689 342.70 1.50
 ** receptor =B1525+1 (sensitive receptor: C1484)
 DISCCART 406062.500703329 3758762.50476421 335.00 1.50
 ** receptor =B1526+1 (sensitive receptor: C1485)
 DISCCART 406062.500703329 3758712.50494153 328.40 1.50
 ** receptor =B1527+1 (sensitive receptor: C1486)
 DISCCART 406062.500703329 3758662.50511885 321.90 1.50
 ** receptor =B1528+1 (sensitive receptor: C1487)
 DISCCART 406062.500703329 3758612.50529617 318.20 1.50
 ** receptor =B1529+1 (sensitive receptor: C1488)
 DISCCART 406112.495257296 3760012.50033123 615.50 1.50
 ** receptor =B1530+1 (sensitive receptor: C1489)
 DISCCART 406112.495257296 3759812.50104051 485.40 1.50
 ** receptor =B1531+1 (sensitive receptor: C1490)
 DISCCART 406112.495257296 3759762.50121783 483.30 1.50
 ** receptor =B1532+1 (sensitive receptor: C1491)
 DISCCART 406112.495257296 3759712.50139515 478.00 1.50
 ** receptor =B1533+1 (sensitive receptor: C1492)
 DISCCART 406112.495257296 3759662.50157247 472.20 1.50
 ** receptor =B1534+1 (sensitive receptor: C1493)
 DISCCART 406112.495257296 3759612.50174979 469.00 1.50
 ** receptor =B1535+1 (sensitive receptor: C1494)
 DISCCART 406112.495257296 3759562.5019271 465.80 1.50
 ** receptor =B1536+1 (sensitive receptor: C1495)
 DISCCART 406112.495257296 3759512.50210442 461.50 1.50
 ** receptor =B1537+1 (sensitive receptor: C1496)
 DISCCART 406112.495257296 3759462.50228174 431.40 1.50
 ** receptor =B1538+1 (sensitive receptor: C1497)
 DISCCART 406112.495257296 3759412.50245906 422.30 1.50
 ** receptor =B1539+1 (sensitive receptor: C1498)
 DISCCART 406112.495257296 3759362.50263638 418.40 1.50
 ** receptor =B1540+1 (sensitive receptor: C1499)
 DISCCART 406112.495257296 3759312.5028137 417.50 1.50
 ** receptor =B1541+1 (sensitive receptor: C1500)
 DISCCART 406112.495257296 3759262.50299102 412.50 1.50
 ** receptor =B1542+1 (sensitive receptor: C1501)
 DISCCART 406112.495257296 3759212.50316834 400.60 1.50
 ** receptor =B1543+1 (sensitive receptor: C1502)

Appendix B

PM 24 hour Emissions unmitigated

DISCCART 406112.495257296 3759162.50334566 394.00 1.50
 ** receptor =B1544+1 (sensitive receptor: C1503)
 DISCCART 406112.495257296 3759112.50352298 387.50 1.50
 ** receptor =B1545+1 (sensitive receptor: C1504)
 DISCCART 406112.495257296 3759062.5037003 380.50 1.50
 ** receptor =B1546+1 (sensitive receptor: C1505)
 DISCCART 406112.495257296 3759012.50387762 377.20 1.50
 ** receptor =B1547+1 (sensitive receptor: C1506)
 DISCCART 406112.495257296 3758962.50405494 369.40 1.50
 ** receptor =B1548+1 (sensitive receptor: C1507)
 DISCCART 406112.495257296 3758912.50423226 362.80 1.50
 ** receptor =B1549+1 (sensitive receptor: C1508)
 DISCCART 406112.495257296 3758862.50440957 356.30 1.50
 ** receptor =B1550+1 (sensitive receptor: C1509)
 DISCCART 406112.495257296 3758812.50458689 347.70 1.50
 ** receptor =B1551+1 (sensitive receptor: C1510)
 DISCCART 406112.495257296 3758762.50476421 339.90 1.50
 ** receptor =B1552+1 (sensitive receptor: C1511)
 DISCCART 406112.495257296 3758712.50494153 333.30 1.50
 ** receptor =B1553+1 (sensitive receptor: C1512)
 DISCCART 406112.495257296 3758662.50511885 326.80 1.50
 ** receptor =B1554+1 (sensitive receptor: C1513)
 DISCCART 406112.495257296 3758612.50529617 321.40 1.50
 ** receptor =B1555+1 (sensitive receptor: C1514)
 DISCCART 406162.498057107 3760012.50033123 522.00 1.50
 ** receptor =B1556+1 (sensitive receptor: C1515)
 DISCCART 406162.498057107 3759812.50104051 499.50 1.50
 ** receptor =B1557+1 (sensitive receptor: C1516)
 DISCCART 406162.498057107 3759462.50228174 445.40 1.50
 ** receptor =B1558+1 (sensitive receptor: C1517)
 DISCCART 406162.498057107 3759412.50245906 457.10 1.50
 ** receptor =B1559+1 (sensitive receptor: C1518)
 DISCCART 406162.498057107 3759362.50263638 450.40 1.50
 ** receptor =B1560+1 (sensitive receptor: C1519)
 DISCCART 406162.498057107 3759312.5028137 446.90 1.50
 ** receptor =B1561+1 (sensitive receptor: C1520)
 DISCCART 406162.498057107 3759262.50299102 421.80 1.50
 ** receptor =B1562+1 (sensitive receptor: C1521)
 DISCCART 406162.498057107 3759212.50316834 408.80 1.50
 ** receptor =B1563+1 (sensitive receptor: C1522)
 DISCCART 406162.498057107 3759162.50334566 400.60 1.50
 ** receptor =B1564+1 (sensitive receptor: C1523)
 DISCCART 406162.498057107 3759112.50352298 393.60 1.50
 ** receptor =B1565+1 (sensitive receptor: C1524)
 DISCCART 406162.498057107 3759062.5037003 387.00 1.50
 ** receptor =B1566+1 (sensitive receptor: C1525)
 DISCCART 406162.498057107 3759012.50387762 382.50 1.50
 ** receptor =B1567+1 (sensitive receptor: C1526)
 DISCCART 406162.498057107 3758962.50405494 377.60 1.50
 ** receptor =B1568+1 (sensitive receptor: C1527)
 DISCCART 406162.498057107 3758912.50423226 367.40 1.50
 ** receptor =B1569+1 (sensitive receptor: C1528)
 DISCCART 406162.498057107 3758862.50440957 360.80 1.50
 ** receptor =B1570+1 (sensitive receptor: C1529)
 DISCCART 406162.498057107 3758812.50458689 352.50 1.50
 ** receptor =B1571+1 (sensitive receptor: C1530)
 DISCCART 406162.498057107 3758762.50476421 343.20 1.50
 ** receptor =B1572+1 (sensitive receptor: C1531)
 DISCCART 406162.498057107 3758712.50494153 336.10 1.50
 ** receptor =B1573+1 (sensitive receptor: C1532)
 DISCCART 406162.498057107 3758662.50511885 331.30 1.50
 ** receptor =B1574+1 (sensitive receptor: C1533)
 DISCCART 406162.498057107 3758612.50529617 325.60 1.50
 ** receptor =B1575+1 (sensitive receptor: C1534)
 DISCCART 406212.500856919 3759412.50245906 483.40 1.50
 ** receptor =B1576+1 (sensitive receptor: C1535)
 DISCCART 406212.500856919 3759362.50263638 474.30 1.50
 ** receptor =B1577+1 (sensitive receptor: C1536)
 DISCCART 406212.500856919 3759312.5028137 454.20 1.50
 ** receptor =B1578+1 (sensitive receptor: C1537)
 DISCCART 406212.500856919 3759262.50299102 433.30 1.50
 ** receptor =B1579+1 (sensitive receptor: C1538)
 DISCCART 406212.500856919 3759212.50316834 415.30 1.50
 ** receptor =B1580+1 (sensitive receptor: C1539)
 DISCCART 406212.500856919 3759162.50334566 405.50 1.50
 ** receptor =B1581+1 (sensitive receptor: C1540)

Appendix B

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DISCCART 406212.500856919 3759112.50352298 398.90 1.50
 ** receptor =B1582+1 (sensitive receptor: C1541)
 DISCCART 406212.500856919 3759062.5037003 393.60 1.50
 ** receptor =B1583+1 (sensitive receptor: C1542)
 DISCCART 406212.500856919 3759012.50387762 385.80 1.50
 ** receptor =B1584+1 (sensitive receptor: C1543)
 DISCCART 406212.500856919 3758962.50405494 380.50 1.50
 ** receptor =B1585+1 (sensitive receptor: C1544)
 DISCCART 406212.500856919 3758912.50423226 371.10 1.50
 ** receptor =B1586+1 (sensitive receptor: C1545)
 DISCCART 406212.500856919 3758862.50440957 362.80 1.50
 ** receptor =B1587+1 (sensitive receptor: C1546)
 DISCCART 406212.500856919 3758812.50458689 355.80 1.50
 ** receptor =B1588+1 (sensitive receptor: C1547)
 DISCCART 406212.500856919 3758762.50476421 344.80 1.50
 ** receptor =B1589+1 (sensitive receptor: C1548)
 DISCCART 406212.500856919 3758712.50494153 338.30 1.50
 ** receptor =B1590+1 (sensitive receptor: C1549)
 DISCCART 406212.500856919 3758662.50511885 334.60 1.50
 ** receptor =B1591+1 (sensitive receptor: C1550)
 DISCCART 406212.500856919 3758612.50529617 331.70 1.50
 ** receptor =B1592+1 (sensitive receptor: C1551)
 DISCCART 406262.495410886 3759412.50245906 499.50 1.50
 ** receptor =B1593+1 (sensitive receptor: C1552)
 DISCCART 406262.495410886 3759362.50263638 473.10 1.50
 ** receptor =B1594+1 (sensitive receptor: C1553)
 DISCCART 406262.495410886 3759312.5028137 453.10 1.50
 ** receptor =B1595+1 (sensitive receptor: C1554)
 DISCCART 406262.495410886 3759262.50299102 440.00 1.50
 ** receptor =B1596+1 (sensitive receptor: C1555)
 DISCCART 406262.495410886 3759212.50316834 421.40 1.50
 ** receptor =B1597+1 (sensitive receptor: C1556)
 DISCCART 406262.495410886 3759162.50334566 411.60 1.50
 ** receptor =B1598+1 (sensitive receptor: C1557)
 DISCCART 406262.495410886 3759112.50352298 403.40 1.50
 ** receptor =B1599+1 (sensitive receptor: C1558)
 DISCCART 406262.495410886 3759062.5037003 396.90 1.50
 ** receptor =B1600+1 (sensitive receptor: C1559)
 DISCCART 406262.495410886 3759012.50387762 387.00 1.50
 ** receptor =B1601+1 (sensitive receptor: C1560)
 DISCCART 406262.495410886 3758962.50405494 380.50 1.50
 ** receptor =B1602+1 (sensitive receptor: C1561)
 DISCCART 406262.495410886 3758912.50423226 372.20 1.50
 ** receptor =B1603+1 (sensitive receptor: C1562)
 DISCCART 406262.495410886 3758862.50440957 362.40 1.50
 ** receptor =B1604+1 (sensitive receptor: C1563)
 DISCCART 406262.495410886 3758812.50458689 355.80 1.50
 ** receptor =B1605+1 (sensitive receptor: C1564)
 DISCCART 406262.495410886 3758762.50476421 347.70 1.50
 ** receptor =B1606+1 (sensitive receptor: C1565)
 DISCCART 406262.495410886 3758712.50494153 343.20 1.50
 ** receptor =B1607+1 (sensitive receptor: C1566)
 DISCCART 406262.495410886 3758662.50511885 338.30 1.50
 ** receptor =B1608+1 (sensitive receptor: C1567)
 DISCCART 406262.495410886 3758612.50529617 336.60 1.50
 ** receptor =B1609+1 (sensitive receptor: C1568)
 DISCCART 406312.498210697 3759412.50245906 508.40 1.50
 ** receptor =B1610+1 (sensitive receptor: C1569)
 DISCCART 406312.498210697 3759362.50263638 489.00 1.50
 ** receptor =B1611+1 (sensitive receptor: C1570)
 DISCCART 406312.498210697 3759312.5028137 458.40 1.50
 ** receptor =B1612+1 (sensitive receptor: C1571)
 DISCCART 406312.498210697 3759262.50299102 444.40 1.50
 ** receptor =B1613+1 (sensitive receptor: C1572)
 DISCCART 406312.498210697 3759212.50316834 428.00 1.50
 ** receptor =B1614+1 (sensitive receptor: C1573)
 DISCCART 406312.498210697 3759162.50334566 415.30 1.50
 ** receptor =B1615+1 (sensitive receptor: C1574)
 DISCCART 406312.498210697 3759112.50352298 405.00 1.50
 ** receptor =B1616+1 (sensitive receptor: C1575)
 DISCCART 406312.498210697 3759062.5037003 396.90 1.50
 ** receptor =B1617+1 (sensitive receptor: C1576)
 DISCCART 406312.498210697 3759012.50387762 388.60 1.50
 ** receptor =B1618+1 (sensitive receptor: C1577)
 DISCCART 406312.498210697 3758962.50405494 378.80 1.50
 ** receptor =B1619+1 (sensitive receptor: C1578)

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** DISCCART	406312.498210697	3758912.50423226	370.60	1.50
** receptor	=B1620+1 (sensitive receptor: C1579)			
** DISCCART	406312.498210697	3758862.50440957	364.10	1.50
** receptor	=B1621+1 (sensitive receptor: C1580)			
** DISCCART	406312.498210697	3758812.50458689	357.50	1.50
** receptor	=B1622+1 (sensitive receptor: C1581)			
** DISCCART	406312.498210697	3758762.50476421	351.00	1.50
** receptor	=B1623+1 (sensitive receptor: C1582)			
** DISCCART	406312.498210697	3758712.50494153	344.80	1.50
** receptor	=B1624+1 (sensitive receptor: C1583)			
** DISCCART	406312.498210697	3758662.50511885	343.20	1.50
** receptor	=B1625+1 (sensitive receptor: C1584)			
** DISCCART	406312.498210697	3758612.50529617	342.00	1.50
** receptor	=B1626+1 (sensitive receptor: C1585)			
** DISCCART	406362.501010508	3759412.50245906	488.00	1.50
** receptor	=B1627+1 (sensitive receptor: C1586)			
** DISCCART	406362.501010508	3759362.50263638	481.90	1.50
** receptor	=B1628+1 (sensitive receptor: C1587)			
** DISCCART	406362.501010508	3759312.5028137	457.50	1.50
** receptor	=B1629+1 (sensitive receptor: C1588)			
** DISCCART	406362.501010508	3759262.50299102	440.60	1.50
** receptor	=B1630+1 (sensitive receptor: C1589)			
** DISCCART	406362.501010508	3759212.50316834	429.70	1.50
** receptor	=B1631+1 (sensitive receptor: C1590)			
** DISCCART	406362.501010508	3759162.50334566	417.00	1.50
** receptor	=B1632+1 (sensitive receptor: C1591)			
** DISCCART	406362.501010508	3759112.50352298	407.20	1.50
** receptor	=B1633+1 (sensitive receptor: C1592)			
** DISCCART	406362.501010508	3759062.5037003	398.40	1.50
** receptor	=B1634+1 (sensitive receptor: C1593)			
** DISCCART	406362.501010508	3759012.50387762	389.10	1.50
** receptor	=B1635+1 (sensitive receptor: C1594)			
** DISCCART	406362.501010508	3758962.50405494	380.50	1.50
** receptor	=B1636+1 (sensitive receptor: C1595)			
** DISCCART	406362.501010508	3758912.50423226	372.20	1.50
** receptor	=B1637+1 (sensitive receptor: C1596)			
** DISCCART	406362.501010508	3758862.50440957	361.90	1.50
** receptor	=B1638+1 (sensitive receptor: C1597)			
** DISCCART	406362.501010508	3758812.50458689	356.60	1.50
** receptor	=B1639+1 (sensitive receptor: C1598)			
** DISCCART	406362.501010508	3758762.50476421	353.00	1.50
** receptor	=B1640+1 (sensitive receptor: C1599)			
** DISCCART	406362.501010508	3758712.50494153	351.00	1.50
** receptor	=B1641+1 (sensitive receptor: C1600)			
** DISCCART	406362.501010508	3758662.50511885	349.70	1.50
** receptor	=B1642+1 (sensitive receptor: C1601)			
** DISCCART	406362.501010508	3758612.50529617	347.70	1.50
** receptor	=B1643+1 (sensitive receptor: C1602)			
** DISCCART	406412.503810319	3759312.5028137	452.60	1.50
** receptor	=B1644+1 (sensitive receptor: C1603)			
** DISCCART	406412.503810319	3759262.50299102	442.80	1.50
** receptor	=B1645+1 (sensitive receptor: C1604)			
** DISCCART	406412.503810319	3759212.50316834	431.70	1.50
** receptor	=B1646+1 (sensitive receptor: C1605)			
** DISCCART	406412.503810319	3759162.50334566	418.10	1.50
** receptor	=B1647+1 (sensitive receptor: C1606)			
** DISCCART	406412.503810319	3759112.50352298	408.30	1.50
** receptor	=B1648+1 (sensitive receptor: C1607)			
** DISCCART	406412.503810319	3759062.5037003	399.70	1.50
** receptor	=B1649+1 (sensitive receptor: C1608)			
** DISCCART	406412.503810319	3759012.50387762	391.90	1.50
** receptor	=B1650+1 (sensitive receptor: C1609)			
** DISCCART	406412.503810319	3758962.50405494	382.00	1.50
** receptor	=B1651+1 (sensitive receptor: C1610)			
** DISCCART	406412.503810319	3758912.50423226	372.20	1.50
** receptor	=B1652+1 (sensitive receptor: C1611)			
** DISCCART	406412.503810319	3758862.50440957	358.60	1.50
** receptor	=B1653+1 (sensitive receptor: C1612)			
** DISCCART	406412.503810319	3758812.50458689	356.30	1.50
** receptor	=B1654+1 (sensitive receptor: C1613)			
** DISCCART	406412.503810319	3758762.50476421	356.40	1.50
** receptor	=B1655+1 (sensitive receptor: C1614)			
** DISCCART	406412.503810319	3758712.50494153	357.50	1.50
** receptor	=B1656+1 (sensitive receptor: C1615)			
** DISCCART	406412.503810319	3758662.50511885	357.50	1.50
** receptor	=B1657+1 (sensitive receptor: C1616)			

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DISCCART 406412.503810319 3758612.50529617 354.20 1.50
 ** receptor =B1658+1 (sensitive receptor: C1617)
 DISCCART 406462.498364286 3759312.5028137 452.60 1.50
 ** receptor =B1659+1 (sensitive receptor: C1618)
 DISCCART 406462.498364286 3759262.50299102 443.20 1.50
 ** receptor =B1660+1 (sensitive receptor: C1619)
 DISCCART 406462.498364286 3759212.50316834 431.20 1.50
 ** receptor =B1661+1 (sensitive receptor: C1620)
 DISCCART 406462.498364286 3759162.50334566 418.10 1.50
 ** receptor =B1662+1 (sensitive receptor: C1621)
 DISCCART 406462.498364286 3759112.50352298 408.30 1.50
 ** receptor =B1663+1 (sensitive receptor: C1622)
 DISCCART 406462.498364286 3759062.5037003 396.90 1.50
 ** receptor =B1664+1 (sensitive receptor: C1623)
 DISCCART 406462.498364286 3759012.50387762 391.90 1.50
 ** receptor =B1665+1 (sensitive receptor: C1624)
 DISCCART 406462.498364286 3758962.50405494 384.20 1.50
 ** receptor =B1666+1 (sensitive receptor: C1625)
 DISCCART 406462.498364286 3758912.50423226 376.40 1.50
 ** receptor =B1667+1 (sensitive receptor: C1626)
 DISCCART 406462.498364286 3758862.50440957 361.70 1.50
 ** receptor =B1668+1 (sensitive receptor: C1627)
 DISCCART 406462.498364286 3758812.50458689 359.70 1.50
 ** receptor =B1669+1 (sensitive receptor: C1628)
 DISCCART 406462.498364286 3758762.50476421 363.00 1.50
 ** receptor =B1670+1 (sensitive receptor: C1629)
 DISCCART 406462.498364286 3758712.50494153 363.00 1.50
 ** receptor =B1671+1 (sensitive receptor: C1630)
 DISCCART 406462.498364286 3758662.50511885 360.80 1.50
 ** receptor =B1672+1 (sensitive receptor: C1631)
 DISCCART 406462.498364286 3758612.50529617 357.50 1.50
 ** receptor =B1673+1 (sensitive receptor: C1632)
 DISCCART 406512.501164097 3759262.50299102 446.10 1.50
 ** receptor =B1674+1 (sensitive receptor: C1633)
 DISCCART 406512.501164097 3759212.50316834 433.30 1.50
 ** receptor =B1675+1 (sensitive receptor: C1634)
 DISCCART 406512.501164097 3759162.50334566 418.10 1.50
 ** receptor =B1676+1 (sensitive receptor: C1635)
 DISCCART 406512.501164097 3759112.50352298 410.00 1.50
 ** receptor =B1677+1 (sensitive receptor: C1636)
 DISCCART 406512.501164097 3759062.5037003 402.20 1.50
 ** receptor =B1678+1 (sensitive receptor: C1637)
 DISCCART 406512.501164097 3759012.50387762 394.00 1.50
 ** receptor =B1679+1 (sensitive receptor: C1638)
 DISCCART 406512.501164097 3758962.50405494 384.90 1.50
 ** receptor =B1680+1 (sensitive receptor: C1639)
 DISCCART 406512.501164097 3758912.50423226 378.80 1.50
 ** receptor =B1681+1 (sensitive receptor: C1640)
 DISCCART 406512.501164097 3758862.50440957 371.60 1.50
 ** receptor =B1682+1 (sensitive receptor: C1641)
 DISCCART 406512.501164097 3758812.50458689 374.80 1.50
 ** receptor =B1683+1 (sensitive receptor: C1642)
 DISCCART 406512.501164097 3758762.50476421 372.70 1.50
 ** receptor =B1684+1 (sensitive receptor: C1643)
 DISCCART 406512.501164097 3758712.50494153 370.60 1.50
 ** receptor =B1685+1 (sensitive receptor: C1644)
 DISCCART 406512.501164097 3758662.50511885 367.40 1.50
 ** receptor =B1686+1 (sensitive receptor: C1645)
 DISCCART 406512.501164097 3758612.50529617 362.80 1.50
 ** receptor =B1687+1 (sensitive receptor: C1646)
 DISCCART 406537.502564003 3758562.50547349 360.80 1.50
 ** receptor =B1688+1 (sensitive receptor: C1647)
 DISCCART 406562.495718064 3759262.50299102 450.90 1.50
 ** receptor =B1689+1 (sensitive receptor: C1648)
 DISCCART 406562.495718064 3759212.50316834 438.30 1.50
 ** receptor =B1690+1 (sensitive receptor: C1649)
 DISCCART 406562.495718064 3759162.50334566 425.60 1.50
 ** receptor =B1691+1 (sensitive receptor: C1650)
 DISCCART 406562.495718064 3759112.50352298 415.30 1.50
 ** receptor =B1692+1 (sensitive receptor: C1651)
 DISCCART 406562.495718064 3759062.5037003 406.70 1.50
 ** receptor =B1693+1 (sensitive receptor: C1652)
 DISCCART 406562.495718064 3759012.50387762 398.40 1.50
 ** receptor =B1694+1 (sensitive receptor: C1653)
 DISCCART 406562.495718064 3758962.50405494 383.00 1.50
 ** receptor =B1695+1 (sensitive receptor: C1654)

Appendix B

PM 24 hour Emissions unmitigated

** DISCCART	406562.495718064	3758912.50423226	381.40	1.50
** receptor	=B1696+1 (sensitive receptor: C1655)			
** DISCCART	406562.495718064	3758862.50440957	384.70	1.50
** receptor	=B1697+1 (sensitive receptor: C1656)			
** DISCCART	406562.495718064	3758812.50458689	383.80	1.50
** receptor	=B1698+1 (sensitive receptor: C1657)			
** DISCCART	406562.495718064	3758762.50476421	380.50	1.50
** receptor	=B1699+1 (sensitive receptor: C1658)			
** DISCCART	406562.495718064	3758712.50494153	377.20	1.50
** receptor	=B1700+1 (sensitive receptor: C1659)			
** DISCCART	406562.495718064	3758662.50511885	372.70	1.50
** receptor	=B1701+1 (sensitive receptor: C1660)			
** DISCCART	406562.495718064	3758612.50529617	367.40	1.50
** receptor	=B1702+1 (sensitive receptor: C1661)			
** DISCCART	406587.49711797	3758562.50547349	362.40	1.50
** receptor	=B1703+1 (sensitive receptor: C1662)			
** DISCCART	406612.498517875	3759212.50316834	447.60	1.50
** receptor	=B1704+1 (sensitive receptor: C1663)			
** DISCCART	406612.498517875	3759162.50334566	435.00	1.50
** receptor	=B1705+1 (sensitive receptor: C1664)			
** DISCCART	406612.498517875	3759112.50352298	421.90	1.50
** receptor	=B1706+1 (sensitive receptor: C1665)			
** DISCCART	406612.498517875	3759062.5037003	411.60	1.50
** receptor	=B1707+1 (sensitive receptor: C1666)			
** DISCCART	406612.498517875	3759012.50387762	398.40	1.50
** receptor	=B1708+1 (sensitive receptor: C1667)			
** DISCCART	406612.498517875	3758962.50405494	397.40	1.50
** receptor	=B1709+1 (sensitive receptor: C1668)			
** DISCCART	406612.498517875	3758912.50423226	397.40	1.50
** receptor	=B1710+1 (sensitive receptor: C1669)			
** DISCCART	406612.498517875	3758862.50440957	395.60	1.50
** receptor	=B1711+1 (sensitive receptor: C1670)			
** DISCCART	406612.498517875	3758812.50458689	390.80	1.50
** receptor	=B1712+1 (sensitive receptor: C1671)			
** DISCCART	406612.498517875	3758762.50476421	385.30	1.50
** receptor	=B1713+1 (sensitive receptor: C1672)			
** DISCCART	406612.498517875	3758712.50494153	380.90	1.50
** receptor	=B1714+1 (sensitive receptor: C1673)			
** DISCCART	406612.498517875	3758662.50511885	375.50	1.50
** receptor	=B1715+1 (sensitive receptor: C1674)			
** DISCCART	406637.499917781	3758562.50547349	360.80	1.50
** receptor	=B1716+1 (sensitive receptor: C1675)			
** DISCCART	406662.501317687	3759162.50334566	437.80	1.50
** receptor	=B1717+1 (sensitive receptor: C1676)			
** DISCCART	406662.501317687	3759112.50352298	422.60	1.50
** receptor	=B1718+1 (sensitive receptor: C1677)			
** DISCCART	406662.501317687	3759062.5037003	417.00	1.50
** receptor	=B1719+1 (sensitive receptor: C1678)			
** DISCCART	406662.501317687	3759012.50387762	407.60	1.50
** receptor	=B1720+1 (sensitive receptor: C1679)			
** DISCCART	406662.501317687	3758962.50405494	409.40	1.50
** receptor	=B1721+1 (sensitive receptor: C1680)			
** DISCCART	406662.501317687	3758912.50423226	407.20	1.50
** receptor	=B1722+1 (sensitive receptor: C1681)			
** DISCCART	406662.501317687	3758862.50440957	402.20	1.50
** receptor	=B1723+1 (sensitive receptor: C1682)			
** DISCCART	406662.501317687	3758812.50458689	395.20	1.50
** receptor	=B1724+1 (sensitive receptor: C1683)			
** DISCCART	406662.501317687	3758762.50476421	387.00	1.50
** receptor	=B1725+1 (sensitive receptor: C1684)			
** DISCCART	406662.501317687	3758712.50494153	380.50	1.50
** receptor	=B1726+1 (sensitive receptor: C1685)			
** DISCCART	406687.502717592	3758562.50547349	364.90	1.50
** receptor	=B1727+1 (sensitive receptor: C1686)			
** DISCCART	406712.495871654	3759162.50334566	437.80	1.50
** receptor	=B1728+1 (sensitive receptor: C1687)			
** DISCCART	406712.495871654	3759112.50352298	427.30	1.50
** receptor	=B1729+1 (sensitive receptor: C1688)			
** DISCCART	406712.495871654	3759062.5037003	436.00	1.50
** receptor	=B1730+1 (sensitive receptor: C1689)			
** DISCCART	406712.495871654	3759012.50387762	426.80	1.50
** receptor	=B1731+1 (sensitive receptor: C1690)			
** DISCCART	406712.495871654	3758962.50405494	423.10	1.50
** receptor	=B1732+1 (sensitive receptor: C1691)			
** DISCCART	406712.495871654	3758912.50423226	411.60	1.50
** receptor	=B1733+1 (sensitive receptor: C1692)			

Appendix B

PM 24 hour Emissions unmitigated

DISCCART 406712.495871654 3758862.50440957 401.30 1.50
 ** receptor =B1734+1 (sensitive receptor: C1693)
 DISCCART 406712.495871654 3758612.50529617 379.20 1.50
 ** receptor =B1735+1 (sensitive receptor: C1694)
 DISCCART 406737.497271559 3758562.50547349 367.40 1.50
 ** receptor =B1736+1 (sensitive receptor: C1695)
 DISCCART 406762.498671465 3759062.5037003 457.90 1.50
 ** receptor =B1737+1 (sensitive receptor: C1696)
 DISCCART 406762.498671465 3759012.50387762 438.30 1.50
 ** receptor =B1738+1 (sensitive receptor: C1697)
 DISCCART 406762.498671465 3758962.50405494 424.70 1.50
 ** receptor =B1739+1 (sensitive receptor: C1698)
 DISCCART 406762.498671465 3758912.50423226 409.90 1.50
 ** receptor =B1740+1 (sensitive receptor: C1699)
 DISCCART 406762.498671465 3758662.50511885 389.80 1.50
 ** receptor =B1741+1 (sensitive receptor: C1700)
 DISCCART 406762.498671465 3758612.50529617 378.30 1.50
 ** receptor =B1742+1 (sensitive receptor: C1701)
 DISCCART 406787.50007137 3758562.50547349 370.50 1.50
 ** receptor =B1743+1 (sensitive receptor: C1702)
 DISCCART 406812.501471276 3759012.50387762 445.90 1.50
 ** receptor =B1744+1 (sensitive receptor: C1703)
 DISCCART 406812.501471276 3758962.50405494 423.80 1.50
 ** receptor =B1745+1 (sensitive receptor: C1704)
 DISCCART 406812.501471276 3758712.50494153 400.60 1.50
 ** receptor =B1746+1 (sensitive receptor: C1705)
 DISCCART 406812.501471276 3758662.50511885 392.40 1.50
 ** receptor =B1747+1 (sensitive receptor: C1706)
 DISCCART 406812.501471276 3758612.50529617 383.80 1.50
 ** receptor =B1748+1 (sensitive receptor: C1707)
 DISCCART 406837.502871182 3758562.50547349 357.50 1.50
 ** receptor =B1749+1 (sensitive receptor: C1708)
 DISCCART 406862.496025243 3758762.50476421 408.80 1.50
 ** receptor =B1750+1 (sensitive receptor: C1709)
 DISCCART 406862.496025243 3758712.50494153 403.40 1.50
 ** receptor =B1751+1 (sensitive receptor: C1710)
 DISCCART 406862.496025243 3758662.50511885 393.60 1.50
 ** receptor =B1752+1 (sensitive receptor: C1711)
 DISCCART 406862.496025243 3758612.50529617 377.80 1.50
 ** receptor =B1753+1 (sensitive receptor: C1712)
 DISCCART 406887.497425149 3758562.50547349 377.60 1.50
 ** receptor =B1754+1 (sensitive receptor: C1713)
 DISCCART 406912.498825054 3758762.50476421 411.60 1.50
 ** receptor =B1755+1 (sensitive receptor: C1714)
 DISCCART 406912.498825054 3758712.50494153 399.70 1.50
 ** receptor =B1756+1 (sensitive receptor: C1715)
 DISCCART 406912.498825054 3758662.50511885 388.60 1.50
 ** receptor =B1757+1 (sensitive receptor: C1716)
 DISCCART 406912.498825054 3758612.50529617 369.60 1.50
 ** receptor =B1758+1 (sensitive receptor: C1717)
 DISCCART 406937.50022496 3758562.50547349 382.00 1.50
 ** receptor =B1759+1 (sensitive receptor: C1718)
 DISCCART 406962.501624865 3758762.50476421 411.60 1.50
 ** receptor =B1760+1 (sensitive receptor: C1719)
 DISCCART 406962.501624865 3758712.50494153 398.40 1.50
 ** receptor =B1761+1 (sensitive receptor: C1720)
 DISCCART 406962.501624865 3758662.50511885 385.30 1.50
 ** receptor =B1762+1 (sensitive receptor: C1721)
 DISCCART 406962.501624865 3758612.50529617 380.50 1.50
 ** receptor =B1763+1 (sensitive receptor: C1722)
 DISCCART 406987.503024771 3758562.50547349 393.30 1.50
 ** receptor =B1764+1 (sensitive receptor: C1723)
 DISCCART 407012.504424677 3758712.50494153 400.80 1.50
 ** receptor =B1765+1 (sensitive receptor: C1724)
 DISCCART 407012.504424677 3758662.50511885 378.80 1.50
 ** receptor =B1766+1 (sensitive receptor: C1725)
 DISCCART 407012.504424677 3758612.50529617 385.50 1.50
 ** receptor =B1767+1 (sensitive receptor: C1726)
 DISCCART 407037.497578738 3758562.50547349 399.80 1.50
 ** receptor =B1768+1 (sensitive receptor: C1727)
 DISCCART 407062.498978644 3758662.50511885 377.70 1.50
 ** receptor =B1769+1 (sensitive receptor: C1728)
 DISCCART 407062.498978644 3758612.50529617 396.70 1.50
 ** receptor =B1770+1 (sensitive receptor: C1729)
 DISCCART 407087.500378549 3758562.50547349 406.70 1.50
 ** receptor =B1771+1 (sensitive receptor: C1730)

Appendix B

PM 24 hour Emissions unmitigated

DISCCART 407112.501778455 3758662.50511885 396.80 1.50
 ** receptor =B1772+1 (sensitive receptor: C1731)
 DISCCART 407112.501778455 3758612.50529617 407.60 1.50
 ** receptor =B1773+1 (sensitive receptor: C1732)
 DISCCART 407137.50317836 3758562.50547349 416.60 1.50
 ** receptor =B1774+1 (sensitive receptor: C1733)
 DISCCART 407162.496332422 3758662.50511885 420.80 1.50
 ** receptor =B1775+1 (sensitive receptor: C1734)
 DISCCART 407162.496332422 3758612.50529617 416.60 1.50
 ** receptor =B1776+1 (sensitive receptor: C1735)
 DISCCART 407187.497732327 3758562.50547349 439.50 1.50
 ** receptor =B1777+1 (sensitive receptor: C1736)
 DISCCART 407212.499132233 3758662.50511885 435.40 1.50
 ** receptor =B1778+1 (sensitive receptor: C1737)
 DISCCART 407212.499132233 3758612.50529617 441.20 1.50
 ** receptor =B1779+1 (sensitive receptor: C1738)
 DISCCART 407237.500532139 3758562.50547349 457.60 1.50
 ** receptor =B1780+1 (sensitive receptor: C1739)
 DISCCART 407262.501932044 3758662.50511885 450.30 1.50
 ** receptor =B1781+1 (sensitive receptor: C1740)
 DISCCART 407262.501932044 3758612.50529617 450.30 1.50
 ** receptor =B1782+1 (sensitive receptor: C1741)
 DISCCART 407287.50333195 3758562.50547349 459.60 1.50
 ** receptor =B1783+1 (sensitive receptor: C1742)
 DISCCART 407312.496486011 3758662.50511885 466.70 1.50
 ** receptor =B1784+1 (sensitive receptor: C1743)
 DISCCART 407312.496486011 3758612.50529617 463.40 1.50
 ** receptor =B1785+1 (sensitive receptor: C1744)
 DISCCART 407337.497885917 3758562.50547349 475.30 1.50
 ** receptor =B1786+1 (sensitive receptor: C1745)
 DISCCART 407362.499285822 3758662.50511885 484.30 1.50
 ** receptor =B1787+1 (sensitive receptor: C1746)
 DISCCART 407362.499285822 3758612.50529617 479.80 1.50
 ** receptor =B1788+1 (sensitive receptor: C1747)
 DISCCART 407387.500685728 3758562.50547349 489.20 1.50
 ** receptor =B1789+1 (sensitive receptor: C1748)
 DISCCART 407412.502085634 3758662.50511885 497.40 1.50
 ** receptor =B1790+1 (sensitive receptor: C1749)
 DISCCART 407412.502085634 3758612.50529617 500.70 1.50
 ** receptor =B1791+1 (sensitive receptor: C1750)
 DISCCART 407437.495239695 3758562.50547349 507.00 1.50
 ** receptor =B1792+1 (sensitive receptor: C1751)
 DISCCART 407462.4966396 3758662.50511885 504.60 1.50
 ** receptor =B1793+1 (sensitive receptor: C1752)
 DISCCART 407462.4966396 3758612.50529617 505.90 1.50
 ** receptor =B1794+1 (sensitive receptor: C1753)
 DISCCART 407487.498039506 3758562.50547349 501.70 1.50
 ** receptor =B1795+1 (sensitive receptor: C1754)
 DISCCART 407512.499439412 3758662.50511885 483.60 1.50
 ** receptor =B1796+1 (sensitive receptor: C1755)
 DISCCART 407512.499439412 3758612.50529617 477.00 1.50
 ** receptor =B1797+1 (sensitive receptor: C1756)
 DISCCART 407537.500839317 3758562.50547349 0.00 1.50
 ** receptor =B1798+1 (sensitive receptor: C1757)
 DISCCART 407562.502239223 3758662.50511885 0.00 1.50
 ** receptor =B1799+1 (sensitive receptor: C1758)
 DISCCART 407562.502239223 3758612.50529617 0.00 1.50
 ** receptor =B1800+1 (sensitive receptor: C1759)
 DISCCART 407587.495393284 3758562.50547349 0.00 1.50
 ** receptor =B1801+1 (sensitive receptor: C1760)
 DISCCART 407612.49679319 3758662.50511885 0.00 1.50
 ** receptor =B1802+1 (sensitive receptor: C1761)
 DISCCART 407612.49679319 3758612.50529617 0.00 1.50
 ** receptor =B1803+1 (sensitive receptor: C1762)
 DISCCART 407637.498193095 3758562.50547349 0.00 1.50
 ** receptor =B1804+1 (sensitive receptor: C1763)
 DISCCART 407662.499593001 3758612.50529617 0.00 1.50
 ** receptor =B1805+1 (sensitive receptor: C1764)
 DISCCART 407687.500992907 3758562.50547349 0.00 1.50
 ** receptor =B1806+1 (sensitive receptor: C1765)
 DISCCART 407712.502392812 3758612.50529617 0.00 1.50
 ** receptor =B1807+1 (sensitive receptor: C1766)
 DISCCART 407737.495546874 3758562.50547349 0.00 1.50
 ** receptor =B1808+1 (sensitive receptor: C1767)
 DISCCART 407762.496946779 3758612.50529617 0.00 1.50
 ** receptor =B1809+1 (sensitive receptor: C1768)

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DISCCART 407787.498346685 3758562.50547349 0.00 1.50
 ** receptor =B1810+1 (sensitive receptor: C1769)
 DISCCART 407812.49974659 3758612.50529617 0.00 1.50
 ** receptor =B1811+1 (sensitive receptor: C1770)
 DISCCART 407837.501146496 3758562.50547349 0.00 1.50
 ** receptor =B1812+1 (sensitive receptor: C1771)
 DISCCART 407862.502546402 3758612.50529617 0.00 1.50
 ** receptor =B1813+1 (sensitive receptor: C1772)
 DISCCART 407887.503946307 3758562.50547349 0.00 1.50
 ** receptor =B1814+1 (sensitive receptor: C1773)
 DISCCART 407912.497100369 3758612.50529617 0.00 1.50
 ** receptor =B1815+1 (sensitive receptor: C1774)
 DISCCART 407937.498500274 3758562.50547349 0.00 1.50
 ** receptor =B1816+1 (sensitive receptor: C1775)
 DISCCART 407962.49990018 3758612.50529617 0.00 1.50
 ** receptor =B1817+1 (sensitive receptor: C1776)
 DISCCART 407987.501300085 3758562.50547349 0.00 1.50
 ** receptor =B1818+1 (sensitive receptor: C1777)
 DISCCART 408012.502699991 3758612.50529617 0.00 1.50
 ** receptor =B1819+1 (sensitive receptor: C1778)
 DISCCART 408037.495854052 3758562.50547349 0.00 1.50
 ** receptor =B1820+1 (sensitive receptor: C1779)
 DISCCART 408062.497253958 3758612.50529617 0.00 1.50
 ** receptor =B1821+1 (sensitive receptor: C1780)
 DISCCART 408087.498653864 3758562.50547349 0.00 1.50
 ** receptor =B1822+1 (sensitive receptor: C1781)
 DISCCART 408112.500053769 3758612.50529617 0.00 1.50
 ** receptor =B1823+1 (sensitive receptor: C1782)
 DISCCART 405962.503349551 3758537.50056317 302.70 1.50
 ** receptor =B1824+1 (sensitive receptor: C1783)
 DISCCART 405987.496503612 3758562.50547349 307.90 1.50
 ** receptor =B1825+1 (sensitive receptor: C1784)
 DISCCART 406037.499303424 3758562.50547349 311.60 1.50
 ** receptor =B1826+1 (sensitive receptor: C1785)
 DISCCART 406087.502103235 3758562.50547349 314.90 1.50
 ** receptor =B1827+1 (sensitive receptor: C1786)
 DISCCART 406137.496657202 3758562.50547349 321.10 1.50
 ** receptor =B1828+1 (sensitive receptor: C1787)
 DISCCART 406187.499457013 3758562.50547349 324.70 1.50
 ** receptor =B1829+1 (sensitive receptor: C1788)
 DISCCART 406237.502256824 3758562.50547349 332.50 1.50
 ** receptor =B1830+1 (sensitive receptor: C1789)
 DISCCART 406287.496810791 3758562.50547349 339.10 1.50
 ** receptor =B1831+1 (sensitive receptor: C1790)
 DISCCART 406337.499610602 3758562.50547349 344.40 1.50
 ** receptor =B1832+1 (sensitive receptor: C1791)
 DISCCART 406387.502410414 3758562.50547349 347.70 1.50
 ** receptor =B1833+1 (sensitive receptor: C1792)
 DISCCART 406437.496964381 3758562.50547349 353.50 1.50
 ** receptor =B1834+1 (sensitive receptor: C1793)
 DISCCART 406487.499764192 3758562.50547349 357.50 1.50
 ** receptor =B1835+1 (sensitive receptor: C1794)
 DISCCART 406537.502564003 3758537.50056317 357.50 1.50
 ** receptor =B1836+1 (sensitive receptor: C1795)
 DISCCART 406587.49711797 3758537.50056317 360.00 1.50
 ** receptor =B1837+1 (sensitive receptor: C1796)
 DISCCART 406637.499917781 3758537.50056317 357.50 1.50
 ** receptor =B1838+1 (sensitive receptor: C1797)
 DISCCART 406687.502717592 3758537.50056317 360.80 1.50
 ** receptor =B1839+1 (sensitive receptor: C1798)
 DISCCART 406737.497271559 3758537.50056317 360.70 1.50
 ** receptor =B1840+1 (sensitive receptor: C1799)
 DISCCART 406787.50007137 3758537.50056317 360.80 1.50
 ** receptor =B1841+1 (sensitive receptor: C1800)
 DISCCART 406837.502871182 3758537.50056317 364.10 1.50
 ** receptor =B1842+1 (sensitive receptor: C1801)
 DISCCART 406887.497425149 3758537.50056317 373.10 1.50
 ** receptor =B1843+1 (sensitive receptor: C1802)
 DISCCART 406937.50022496 3758537.50056317 380.50 1.50
 ** receptor =B1844+1 (sensitive receptor: C1803)
 DISCCART 406987.503024771 3758537.50056317 396.20 1.50
 ** receptor =B1845+1 (sensitive receptor: C1804)
 DISCCART 407037.497578738 3758537.50056317 400.20 1.50
 ** receptor =B1846+1 (sensitive receptor: C1805)
 DISCCART 407087.500378549 3758537.50056317 409.40 1.50
 ** receptor =B1847+1 (sensitive receptor: C1806)

Appendix B

PM 24 hour Emissions unmitigated

DISCCART 407137.50317836 3758537.50056317 422.50 1.50
 ** receptor =B1848+1 (sensitive receptor: C1807)
 DISCCART 407187.497732327 3758537.50056317 451.70 1.50
 ** receptor =B1849+1 (sensitive receptor: C1808)
 DISCCART 407237.500532139 3758537.50056317 462.60 1.50
 ** receptor =B1850+1 (sensitive receptor: C1809)
 DISCCART 407287.50333195 3758537.50056317 471.70 1.50
 ** receptor =B1851+1 (sensitive receptor: C1810)
 DISCCART 407337.497885917 3758537.50056317 482.40 1.50
 ** receptor =B1852+1 (sensitive receptor: C1811)
 DISCCART 407387.500685728 3758537.50056317 488.10 1.50
 ** receptor =B1853+1 (sensitive receptor: C1812)
 DISCCART 407437.495239695 3758537.50056317 503.70 1.50
 ** receptor =B1854+1 (sensitive receptor: C1813)
 DISCCART 407487.498039506 3758537.50056317 509.90 1.50
 ** receptor =B1855+1 (sensitive receptor: C1814)
 DISCCART 407537.500839317 3758537.50056317 0.00 1.50
 ** receptor =B1856+1 (sensitive receptor: C1815)
 DISCCART 407587.495393284 3758537.50056317 0.00 1.50
 ** receptor =B1857+1 (sensitive receptor: C1816)
 DISCCART 407637.498193095 3758537.50056317 0.00 1.50
 ** receptor =B1858+1 (sensitive receptor: C1817)
 DISCCART 407687.500992907 3758537.50056317 0.00 1.50
 ** receptor =B1859+1 (sensitive receptor: C1818)
 DISCCART 407737.495546874 3758537.50056317 0.00 1.50
 ** receptor =B1860+1 (sensitive receptor: C1819)
 DISCCART 407787.498346685 3758537.50056317 0.00 1.50
 ** receptor =B1861+1 (sensitive receptor: C1820)
 DISCCART 407837.501146496 3758537.50056317 0.00 1.50
 ** receptor =B1862+1 (sensitive receptor: C1821)
 DISCCART 407887.503946307 3758537.50056317 0.00 1.50
 ** receptor =B1863+1 (sensitive receptor: C1822)
 DISCCART 407937.498500274 3758537.50056317 0.00 1.50
 ** receptor =B1864+1 (sensitive receptor: C1823)
 DISCCART 407987.501300085 3758537.50056317 0.00 1.50
 ** receptor =B1865+1 (sensitive receptor: C1824)
 DISCCART 408037.495854052 3758537.50056317 0.00 1.50
 ** receptor =B1866+1 (sensitive receptor: C1825)
 DISCCART 408087.498653864 3758537.50056317 0.00 1.50
 ** receptor =B1867+1 (sensitive receptor: C1826)
 DISCCART 405962.503349551 3759987.50541887 754.30 1.50
 ** receptor =B1868+1 (sensitive receptor: C1827)
 DISCCART 405962.503349551 3759937.50559619 733.70 1.50
 ** receptor =B1869+1 (sensitive receptor: C1828)
 DISCCART 405962.503349551 3759887.50577351 704.80 1.50
 ** receptor =B1870+1 (sensitive receptor: C1829)
 DISCCART 405962.503349551 3759837.50595083 641.40 1.50
 ** receptor =B1871+1 (sensitive receptor: C1830)
 DISCCART 405962.503349551 3759787.50612815 628.70 1.50
 ** receptor =B1872+1 (sensitive receptor: C1831)
 DISCCART 405962.503349551 3759737.50630547 619.20 1.50
 ** receptor =B1873+1 (sensitive receptor: C1832)
 DISCCART 405962.503349551 3759687.50648279 548.60 1.50
 ** receptor =B1874+1 (sensitive receptor: C1833)
 DISCCART 405962.503349551 3759637.50666011 532.20 1.50
 ** receptor =B1875+1 (sensitive receptor: C1834)
 DISCCART 405962.503349551 3759587.50683743 515.80 1.50
 ** receptor =B1876+1 (sensitive receptor: C1835)
 DISCCART 405962.503349551 3759537.50701475 522.50 1.50
 ** receptor =B1877+1 (sensitive receptor: C1836)
 DISCCART 405962.503349551 3759487.50719207 522.50 1.50
 ** receptor =B1878+1 (sensitive receptor: C1837)
 DISCCART 405962.503349551 3759437.50736939 515.80 1.50
 ** receptor =B1879+1 (sensitive receptor: C1838)
 DISCCART 405962.503349551 3759387.49754874 488.50 1.50
 ** receptor =B1880+1 (sensitive receptor: C1839)
 DISCCART 405962.503349551 3759337.49772606 453.50 1.50
 ** receptor =B1881+1 (sensitive receptor: C1840)
 DISCCART 405962.503349551 3759287.49790338 420.70 1.50
 ** receptor =B1882+1 (sensitive receptor: C1841)
 DISCCART 405962.503349551 3759237.4980807 394.40 1.50
 ** receptor =B1883+1 (sensitive receptor: C1842)
 DISCCART 405962.503349551 3759187.49825802 377.20 1.50
 ** receptor =B1884+1 (sensitive receptor: C1843)
 DISCCART 405962.503349551 3759137.49843534 373.80 1.50
 ** receptor =B1885+1 (sensitive receptor: C1844)

Appendix B

PM 24 hour Emissions unmitigated

DISCCART 405962.503349551 3759087.49861266 367.30 1.50
 ** receptor =B1886+1 (sensitive receptor: C1845)
 DISCCART 405962.503349551 3759037.49878997 357.50 1.50
 ** receptor =B1887+1 (sensitive receptor: C1846)
 DISCCART 405962.503349551 3758987.49896729 354.20 1.50
 ** receptor =B1888+1 (sensitive receptor: C1847)
 DISCCART 405962.503349551 3758937.49914461 348.60 1.50
 ** receptor =B1889+1 (sensitive receptor: C1848)
 DISCCART 405962.503349551 3758887.49932193 344.30 1.50
 ** receptor =B1890+1 (sensitive receptor: C1849)
 DISCCART 405962.503349551 3758837.49949925 337.80 1.50
 ** receptor =B1891+1 (sensitive receptor: C1850)
 DISCCART 405962.503349551 3758787.49967657 331.20 1.50
 ** receptor =B1892+1 (sensitive receptor: C1851)
 DISCCART 405962.503349551 3758737.49985389 324.60 1.50
 ** receptor =B1893+1 (sensitive receptor: C1852)
 DISCCART 405962.503349551 3758687.50003121 318.20 1.50
 ** receptor =B1894+1 (sensitive receptor: C1853)
 DISCCART 405962.503349551 3758637.50020853 311.60 1.50
 ** receptor =B1895+1 (sensitive receptor: C1854)
 DISCCART 406012.497903518 3759987.50541887 735.10 1.50
 ** receptor =B1896+1 (sensitive receptor: C1855)
 DISCCART 406012.497903518 3759937.50559619 667.60 1.50
 ** receptor =B1897+1 (sensitive receptor: C1856)
 DISCCART 406012.497903518 3759887.50577351 662.40 1.50
 ** receptor =B1898+1 (sensitive receptor: C1857)
 DISCCART 406012.497903518 3759837.50595083 645.10 1.50
 ** receptor =B1899+1 (sensitive receptor: C1858)
 DISCCART 406012.497903518 3759787.50612815 625.50 1.50
 ** receptor =B1900+1 (sensitive receptor: C1859)
 DISCCART 406012.497903518 3759737.50630547 624.60 1.50
 ** receptor =B1901+1 (sensitive receptor: C1860)
 DISCCART 406012.497903518 3759687.50648279 557.50 1.50
 ** receptor =B1902+1 (sensitive receptor: C1861)
 DISCCART 406012.497903518 3759637.50666011 544.40 1.50
 ** receptor =B1903+1 (sensitive receptor: C1862)
 DISCCART 406012.497903518 3759587.50683743 528.10 1.50
 ** receptor =B1904+1 (sensitive receptor: C1863)
 DISCCART 406012.497903518 3759537.50701475 528.10 1.50
 ** receptor =B1905+1 (sensitive receptor: C1864)
 DISCCART 406012.497903518 3759487.50719207 521.90 1.50
 ** receptor =B1906+1 (sensitive receptor: C1865)
 DISCCART 406012.497903518 3759437.50736939 492.90 1.50
 ** receptor =B1907+1 (sensitive receptor: C1866)
 DISCCART 406012.497903518 3759387.49754874 480.10 1.50
 ** receptor =B1908+1 (sensitive receptor: C1867)
 DISCCART 406012.497903518 3759337.49772606 450.70 1.50
 ** receptor =B1909+1 (sensitive receptor: C1868)
 DISCCART 406012.497903518 3759287.49790338 426.30 1.50
 ** receptor =B1910+1 (sensitive receptor: C1869)
 DISCCART 406012.497903518 3759237.4980807 399.10 1.50
 ** receptor =B1911+1 (sensitive receptor: C1870)
 DISCCART 406012.497903518 3759187.49825802 381.40 1.50
 ** receptor =B1912+1 (sensitive receptor: C1871)
 DISCCART 406012.497903518 3759137.49843534 378.10 1.50
 ** receptor =B1913+1 (sensitive receptor: C1872)
 DISCCART 406012.497903518 3759087.49861266 370.60 1.50
 ** receptor =B1914+1 (sensitive receptor: C1873)
 DISCCART 406012.497903518 3759037.49878997 361.70 1.50
 ** receptor =B1915+1 (sensitive receptor: C1874)
 DISCCART 406012.497903518 3758987.49896729 360.80 1.50
 ** receptor =B1916+1 (sensitive receptor: C1875)
 DISCCART 406012.497903518 3758937.49914461 355.10 1.50
 ** receptor =B1917+1 (sensitive receptor: C1876)
 DISCCART 406012.497903518 3758887.49932193 347.60 1.50
 ** receptor =B1918+1 (sensitive receptor: C1877)
 DISCCART 406012.497903518 3758837.49949925 337.80 1.50
 ** receptor =B1919+1 (sensitive receptor: C1878)
 DISCCART 406012.497903518 3758787.49967657 334.60 1.50
 ** receptor =B1920+1 (sensitive receptor: C1879)
 DISCCART 406012.497903518 3758737.49985389 327.90 1.50
 ** receptor =B1921+1 (sensitive receptor: C1880)
 DISCCART 406012.497903518 3758687.50003121 321.40 1.50
 ** receptor =B1922+1 (sensitive receptor: C1881)
 DISCCART 406012.497903518 3758637.50020853 315.80 1.50
 ** receptor =B1923+1 (sensitive receptor: C1882)

Appendix B

PM 24 hour Emissions unmitigated

DISCCART 406062.500703329 3759987.50541887 686.90 1.50
 ** receptor =B1924+1 (sensitive receptor: C1883)
 DISCCART 406062.500703329 3759837.50595083 582.90 1.50
 ** receptor =B1925+1 (sensitive receptor: C1884)
 DISCCART 406062.500703329 3759787.50612815 563.20 1.50
 ** receptor =B1926+1 (sensitive receptor: C1885)
 DISCCART 406062.500703329 3759737.50630547 545.60 1.50
 ** receptor =B1927+1 (sensitive receptor: C1886)
 DISCCART 406062.500703329 3759687.50648279 548.50 1.50
 ** receptor =B1928+1 (sensitive receptor: C1887)
 DISCCART 406062.500703329 3759637.50666011 528.50 1.50
 ** receptor =B1929+1 (sensitive receptor: C1888)
 DISCCART 406062.500703329 3759587.50683743 517.70 1.50
 ** receptor =B1930+1 (sensitive receptor: C1889)
 DISCCART 406062.500703329 3759537.50701475 480.20 1.50
 ** receptor =B1931+1 (sensitive receptor: C1890)
 DISCCART 406062.500703329 3759487.50719207 465.80 1.50
 ** receptor =B1932+1 (sensitive receptor: C1891)
 DISCCART 406062.500703329 3759437.50736939 454.00 1.50
 ** receptor =B1933+1 (sensitive receptor: C1892)
 DISCCART 406062.500703329 3759387.49754874 437.60 1.50
 ** receptor =B1934+1 (sensitive receptor: C1893)
 DISCCART 406062.500703329 3759337.49772606 424.50 1.50
 ** receptor =B1935+1 (sensitive receptor: C1894)
 DISCCART 406062.500703329 3759287.49790338 414.80 1.50
 ** receptor =B1936+1 (sensitive receptor: C1895)
 DISCCART 406062.500703329 3759237.4980807 393.60 1.50
 ** receptor =B1937+1 (sensitive receptor: C1896)
 DISCCART 406062.500703329 3759187.49825802 390.30 1.50
 ** receptor =B1938+1 (sensitive receptor: C1897)
 DISCCART 406062.500703329 3759137.49843534 383.70 1.50
 ** receptor =B1939+1 (sensitive receptor: C1898)
 DISCCART 406062.500703329 3759087.49861266 377.10 1.50
 ** receptor =B1940+1 (sensitive receptor: C1899)
 DISCCART 406062.500703329 3759037.49878997 370.60 1.50
 ** receptor =B1941+1 (sensitive receptor: C1900)
 DISCCART 406062.500703329 3758987.49896729 367.30 1.50
 ** receptor =B1942+1 (sensitive receptor: C1901)
 DISCCART 406062.500703329 3758937.49914461 357.50 1.50
 ** receptor =B1943+1 (sensitive receptor: C1902)
 DISCCART 406062.500703329 3758887.49932193 351.90 1.50
 ** receptor =B1944+1 (sensitive receptor: C1903)
 DISCCART 406062.500703329 3758837.49949925 344.40 1.50
 ** receptor =B1945+1 (sensitive receptor: C1904)
 DISCCART 406062.500703329 3758787.49967657 337.80 1.50
 ** receptor =B1946+1 (sensitive receptor: C1905)
 DISCCART 406062.500703329 3758737.49985389 332.20 1.50
 ** receptor =B1947+1 (sensitive receptor: C1906)
 DISCCART 406062.500703329 3758687.50003121 324.70 1.50
 ** receptor =B1948+1 (sensitive receptor: C1907)
 DISCCART 406062.500703329 3758637.50020853 321.40 1.50
 ** receptor =B1949+1 (sensitive receptor: C1908)
 DISCCART 406112.495257296 3759987.50541887 592.60 1.50
 ** receptor =B1950+1 (sensitive receptor: C1909)
 DISCCART 406112.495257296 3759837.50595083 488.70 1.50
 ** receptor =B1951+1 (sensitive receptor: C1910)
 DISCCART 406112.495257296 3759787.50612815 485.40 1.50
 ** receptor =B1952+1 (sensitive receptor: C1911)
 DISCCART 406112.495257296 3759737.50630547 478.00 1.50
 ** receptor =B1953+1 (sensitive receptor: C1912)
 DISCCART 406112.495257296 3759687.50648279 475.60 1.50
 ** receptor =B1954+1 (sensitive receptor: C1913)
 DISCCART 406112.495257296 3759637.50666011 469.00 1.50
 ** receptor =B1955+1 (sensitive receptor: C1914)
 DISCCART 406112.495257296 3759587.50683743 469.00 1.50
 ** receptor =B1956+1 (sensitive receptor: C1915)
 DISCCART 406112.495257296 3759537.50701475 464.80 1.50
 ** receptor =B1957+1 (sensitive receptor: C1916)
 DISCCART 406112.495257296 3759487.50719207 448.70 1.50
 ** receptor =B1958+1 (sensitive receptor: C1917)
 DISCCART 406112.495257296 3759437.50736939 426.30 1.50
 ** receptor =B1959+1 (sensitive receptor: C1918)
 DISCCART 406112.495257296 3759387.49754874 417.50 1.50
 ** receptor =B1960+1 (sensitive receptor: C1919)
 DISCCART 406112.495257296 3759337.49772606 421.60 1.50
 ** receptor =B1961+1 (sensitive receptor: C1920)

Appendix B

PM 24 hour Emissions unmitigated

DISCCART 406112.495257296 3759287.49790338 418.40 1.50
 ** receptor =B1962+1 (sensitive receptor: C1921)
 DISCCART 406112.495257296 3759237.4980807 404.30 1.50
 ** receptor =B1963+1 (sensitive receptor: C1922)
 DISCCART 406112.495257296 3759187.49825802 397.80 1.50
 ** receptor =B1964+1 (sensitive receptor: C1923)
 DISCCART 406112.495257296 3759137.49843534 390.30 1.50
 ** receptor =B1965+1 (sensitive receptor: C1924)
 DISCCART 406112.495257296 3759087.49861266 383.70 1.50
 ** receptor =B1966+1 (sensitive receptor: C1925)
 DISCCART 406112.495257296 3759037.49878997 378.10 1.50
 ** receptor =B1967+1 (sensitive receptor: C1926)
 DISCCART 406112.495257296 3758987.49896729 373.90 1.50
 ** receptor =B1968+1 (sensitive receptor: C1927)
 DISCCART 406112.495257296 3758937.49914461 365.00 1.50
 ** receptor =B1969+1 (sensitive receptor: C1928)
 DISCCART 406112.495257296 3758887.49932193 358.40 1.50
 ** receptor =B1970+1 (sensitive receptor: C1929)
 DISCCART 406112.495257296 3758837.49949925 351.90 1.50
 ** receptor =B1971+1 (sensitive receptor: C1930)
 DISCCART 406112.495257296 3758787.49967657 344.30 1.50
 ** receptor =B1972+1 (sensitive receptor: C1931)
 DISCCART 406112.495257296 3758737.49985389 335.50 1.50
 ** receptor =B1973+1 (sensitive receptor: C1932)
 DISCCART 406112.495257296 3758687.50003121 331.20 1.50
 ** receptor =B1974+1 (sensitive receptor: C1933)
 DISCCART 406112.495257296 3758637.50020853 324.70 1.50
 ** receptor =B1975+1 (sensitive receptor: C1934)
 DISCCART 406162.498057107 3759987.50541887 509.70 1.50
 ** receptor =B1976+1 (sensitive receptor: C1935)
 DISCCART 406162.498057107 3759837.50595083 503.20 1.50
 ** receptor =B1977+1 (sensitive receptor: C1936)
 DISCCART 406162.498057107 3759787.50612815 506.00 1.50
 ** receptor =B1978+1 (sensitive receptor: C1937)
 DISCCART 406162.498057107 3759437.50736939 449.80 1.50
 ** receptor =B1979+1 (sensitive receptor: C1938)
 DISCCART 406162.498057107 3759387.49754874 454.50 1.50
 ** receptor =B1980+1 (sensitive receptor: C1939)
 DISCCART 406162.498057107 3759337.49772606 452.20 1.50
 ** receptor =B1981+1 (sensitive receptor: C1940)
 DISCCART 406162.498057107 3759287.49790338 433.80 1.50
 ** receptor =B1982+1 (sensitive receptor: C1941)
 DISCCART 406162.498057107 3759237.4980807 414.20 1.50
 ** receptor =B1983+1 (sensitive receptor: C1942)
 DISCCART 406162.498057107 3759187.49825802 404.30 1.50
 ** receptor =B1984+1 (sensitive receptor: C1943)
 DISCCART 406162.498057107 3759137.49843534 396.80 1.50
 ** receptor =B1985+1 (sensitive receptor: C1944)
 DISCCART 406162.498057107 3759087.49861266 390.30 1.50
 ** receptor =B1986+1 (sensitive receptor: C1945)
 DISCCART 406162.498057107 3759037.49878997 384.70 1.50
 ** receptor =B1987+1 (sensitive receptor: C1946)
 DISCCART 406162.498057107 3758987.49896729 380.50 1.50
 ** receptor =B1988+1 (sensitive receptor: C1947)
 DISCCART 406162.498057107 3758937.49914461 371.50 1.50
 ** receptor =B1989+1 (sensitive receptor: C1948)
 DISCCART 406162.498057107 3758887.49932193 364.10 1.50
 ** receptor =B1990+1 (sensitive receptor: C1949)
 DISCCART 406162.498057107 3758837.49949925 357.50 1.50
 ** receptor =B1991+1 (sensitive receptor: C1950)
 DISCCART 406162.498057107 3758787.49967657 347.60 1.50
 ** receptor =B1992+1 (sensitive receptor: C1951)
 DISCCART 406162.498057107 3758737.49985389 337.80 1.50
 ** receptor =B1993+1 (sensitive receptor: C1952)
 DISCCART 406162.498057107 3758687.50003121 334.50 1.50
 ** receptor =B1994+1 (sensitive receptor: C1953)
 DISCCART 406162.498057107 3758637.50020853 328.00 1.50
 ** receptor =B1995+1 (sensitive receptor: C1954)
 DISCCART 406212.500856919 3759437.50736939 498.50 1.50
 ** receptor =B1996+1 (sensitive receptor: C1955)
 DISCCART 406212.500856919 3759387.49754874 483.00 1.50
 ** receptor =B1997+1 (sensitive receptor: C1956)
 DISCCART 406212.500856919 3759337.49772606 462.50 1.50
 ** receptor =B1998+1 (sensitive receptor: C1957)
 DISCCART 406212.500856919 3759287.49790338 442.70 1.50
 ** receptor =B1999+1 (sensitive receptor: C1958)

Appendix B

PM 24 hour Emissions unmitigated

DISCCART 406212.500856919 3759237.4980807 420.70 1.50
 ** receptor =B2000+1 (sensitive receptor: C1959)
 DISCCART 406212.500856919 3759187.49825802 410.00 1.50
 ** receptor =B2001+1 (sensitive receptor: C1960)
 DISCCART 406212.500856919 3759137.49843534 403.40 1.50
 ** receptor =B2002+1 (sensitive receptor: C1961)
 DISCCART 406212.500856919 3759087.49861266 396.80 1.50
 ** receptor =B2003+1 (sensitive receptor: C1962)
 DISCCART 406212.500856919 3759037.49878997 390.20 1.50
 ** receptor =B2004+1 (sensitive receptor: C1963)
 DISCCART 406212.500856919 3758987.49896729 383.70 1.50
 ** receptor =B2005+1 (sensitive receptor: C1964)
 DISCCART 406212.500856919 3758937.49914461 377.10 1.50
 ** receptor =B2006+1 (sensitive receptor: C1965)
 DISCCART 406212.500856919 3758887.49932193 367.30 1.50
 ** receptor =B2007+1 (sensitive receptor: C1966)
 DISCCART 406212.500856919 3758837.49949925 358.40 1.50
 ** receptor =B2008+1 (sensitive receptor: C1967)
 DISCCART 406212.500856919 3758787.49967657 350.90 1.50
 ** receptor =B2009+1 (sensitive receptor: C1968)
 DISCCART 406212.500856919 3758737.49985389 341.10 1.50
 ** receptor =B2010+1 (sensitive receptor: C1969)
 DISCCART 406212.500856919 3758687.50003121 337.80 1.50
 ** receptor =B2011+1 (sensitive receptor: C1970)
 DISCCART 406212.500856919 3758637.50020853 334.50 1.50
 ** receptor =B2012+1 (sensitive receptor: C1971)
 DISCCART 406262.495410886 3759437.50736939 502.70 1.50
 ** receptor =B2013+1 (sensitive receptor: C1972)
 DISCCART 406262.495410886 3759387.49754874 490.40 1.50
 ** receptor =B2014+1 (sensitive receptor: C1973)
 DISCCART 406262.495410886 3759337.49772606 459.10 1.50
 ** receptor =B2015+1 (sensitive receptor: C1974)
 DISCCART 406262.495410886 3759287.49790338 446.00 1.50
 ** receptor =B2016+1 (sensitive receptor: C1975)
 DISCCART 406262.495410886 3759237.4980807 430.50 1.50
 ** receptor =B2017+1 (sensitive receptor: C1976)
 DISCCART 406262.495410886 3759187.49825802 416.50 1.50
 ** receptor =B2018+1 (sensitive receptor: C1977)
 DISCCART 406262.495410886 3759137.49843534 406.70 1.50
 ** receptor =B2019+1 (sensitive receptor: C1978)
 DISCCART 406262.495410886 3759087.49861266 400.20 1.50
 ** receptor =B2020+1 (sensitive receptor: C1979)
 DISCCART 406262.495410886 3759037.49878997 393.50 1.50
 ** receptor =B2021+1 (sensitive receptor: C1980)
 DISCCART 406262.495410886 3758987.49896729 383.70 1.50
 ** receptor =B2022+1 (sensitive receptor: C1981)
 DISCCART 406262.495410886 3758937.49914461 377.10 1.50
 ** receptor =B2023+1 (sensitive receptor: C1982)
 DISCCART 406262.495410886 3758887.49932193 367.40 1.50
 ** receptor =B2024+1 (sensitive receptor: C1983)
 DISCCART 406262.495410886 3758837.49949925 359.80 1.50
 ** receptor =B2025+1 (sensitive receptor: C1984)
 DISCCART 406262.495410886 3758787.49967657 354.20 1.50
 ** receptor =B2026+1 (sensitive receptor: C1985)
 DISCCART 406262.495410886 3758737.49985389 344.40 1.50
 ** receptor =B2027+1 (sensitive receptor: C1986)
 DISCCART 406262.495410886 3758687.50003121 341.10 1.50
 ** receptor =B2028+1 (sensitive receptor: C1987)
 DISCCART 406262.495410886 3758637.50020853 337.80 1.50
 ** receptor =B2029+1 (sensitive receptor: C1988)
 DISCCART 406312.498210697 3759437.50736939 511.60 1.50
 ** receptor =B2030+1 (sensitive receptor: C1989)
 DISCCART 406312.498210697 3759387.49754874 505.00 1.50
 ** receptor =B2031+1 (sensitive receptor: C1990)
 DISCCART 406312.498210697 3759337.49772606 473.10 1.50
 ** receptor =B2032+1 (sensitive receptor: C1991)
 DISCCART 406312.498210697 3759287.49790338 452.60 1.50
 ** receptor =B2033+1 (sensitive receptor: C1992)
 DISCCART 406312.498210697 3759237.4980807 436.20 1.50
 ** receptor =B2034+1 (sensitive receptor: C1993)
 DISCCART 406312.498210697 3759187.49825802 419.80 1.50
 ** receptor =B2035+1 (sensitive receptor: C1994)
 DISCCART 406312.498210697 3759137.49843534 409.90 1.50
 ** receptor =B2036+1 (sensitive receptor: C1995)
 DISCCART 406312.498210697 3759087.49861266 400.20 1.50
 ** receptor =B2037+1 (sensitive receptor: C1996)

Appendix B

PM 24 hour Emissions unmitigated

DISCCART 406312.498210697 3759037.49878997 393.50 1.50
 ** receptor =B2038+1 (sensitive receptor: C1997)
 DISCCART 406312.498210697 3758987.49896729 383.70 1.50
 ** receptor =B2039+1 (sensitive receptor: C1998)
 DISCCART 406312.498210697 3758937.49914461 373.90 1.50
 ** receptor =B2040+1 (sensitive receptor: C1999)
 DISCCART 406312.498210697 3758887.49932193 367.40 1.50
 ** receptor =B2041+1 (sensitive receptor: C2000)
 DISCCART 406312.498210697 3758837.49949925 360.70 1.50
 ** receptor =B2042+1 (sensitive receptor: C2001)
 DISCCART 406312.498210697 3758787.49967657 354.20 1.50
 ** receptor =B2043+1 (sensitive receptor: C2002)
 DISCCART 406312.498210697 3758737.49985389 347.70 1.50
 ** receptor =B2044+1 (sensitive receptor: C2003)
 DISCCART 406312.498210697 3758687.50003121 344.40 1.50
 ** receptor =B2045+1 (sensitive receptor: C2004)
 DISCCART 406312.498210697 3758637.50020853 342.00 1.50
 ** receptor =B2046+1 (sensitive receptor: C2005)
 DISCCART 406362.501010508 3759437.50736939 495.70 1.50
 ** receptor =B2047+1 (sensitive receptor: C2006)
 DISCCART 406362.501010508 3759387.49754874 485.90 1.50
 ** receptor =B2048+1 (sensitive receptor: C2007)
 DISCCART 406362.501010508 3759337.49772606 471.20 1.50
 ** receptor =B2049+1 (sensitive receptor: C2008)
 DISCCART 406362.501010508 3759287.49790338 449.30 1.50
 ** receptor =B2050+1 (sensitive receptor: C2009)
 DISCCART 406362.501010508 3759237.4980807 436.20 1.50
 ** receptor =B2051+1 (sensitive receptor: C2010)
 DISCCART 406362.501010508 3759187.49825802 423.00 1.50
 ** receptor =B2052+1 (sensitive receptor: C2011)
 DISCCART 406362.501010508 3759137.49843534 413.20 1.50
 ** receptor =B2053+1 (sensitive receptor: C2012)
 DISCCART 406362.501010508 3759087.49861266 403.40 1.50
 ** receptor =B2054+1 (sensitive receptor: C2013)
 DISCCART 406362.501010508 3759037.49878997 393.60 1.50
 ** receptor =B2055+1 (sensitive receptor: C2014)
 DISCCART 406362.501010508 3758987.49896729 383.80 1.50
 ** receptor =B2056+1 (sensitive receptor: C2015)
 DISCCART 406362.501010508 3758937.49914461 377.10 1.50
 ** receptor =B2057+1 (sensitive receptor: C2016)
 DISCCART 406362.501010508 3758887.49932193 366.40 1.50
 ** receptor =B2058+1 (sensitive receptor: C2017)
 DISCCART 406362.501010508 3758837.49949925 357.50 1.50
 ** receptor =B2059+1 (sensitive receptor: C2018)
 DISCCART 406362.501010508 3758787.49967657 354.20 1.50
 ** receptor =B2060+1 (sensitive receptor: C2019)
 DISCCART 406362.501010508 3758737.49985389 351.90 1.50
 ** receptor =B2061+1 (sensitive receptor: C2020)
 DISCCART 406362.501010508 3758687.50003121 351.00 1.50
 ** receptor =B2062+1 (sensitive receptor: C2021)
 DISCCART 406362.501010508 3758637.50020853 347.70 1.50
 ** receptor =B2063+1 (sensitive receptor: C2022)
 DISCCART 406412.503810319 3759337.49772606 455.80 1.50
 ** receptor =B2064+1 (sensitive receptor: C2023)
 DISCCART 406412.503810319 3759287.49790338 446.10 1.50
 ** receptor =B2065+1 (sensitive receptor: C2024)
 DISCCART 406412.503810319 3759237.4980807 439.50 1.50
 ** receptor =B2066+1 (sensitive receptor: C2025)
 DISCCART 406412.503810319 3759187.49825802 426.30 1.50
 ** receptor =B2067+1 (sensitive receptor: C2026)
 DISCCART 406412.503810319 3759137.49843534 413.30 1.50
 ** receptor =B2068+1 (sensitive receptor: C2027)
 DISCCART 406412.503810319 3759087.49861266 403.40 1.50
 ** receptor =B2069+1 (sensitive receptor: C2028)
 DISCCART 406412.503810319 3759037.49878997 393.60 1.50
 ** receptor =B2070+1 (sensitive receptor: C2029)
 DISCCART 406412.503810319 3758987.49896729 387.00 1.50
 ** receptor =B2071+1 (sensitive receptor: C2030)
 DISCCART 406412.503810319 3758937.49914461 378.10 1.50
 ** receptor =B2072+1 (sensitive receptor: C2031)
 DISCCART 406412.503810319 3758887.49932193 364.00 1.50
 ** receptor =B2073+1 (sensitive receptor: C2032)
 DISCCART 406412.503810319 3758837.49949925 357.50 1.50
 ** receptor =B2074+1 (sensitive receptor: C2033)
 DISCCART 406412.503810319 3758787.49967657 355.20 1.50
 ** receptor =B2075+1 (sensitive receptor: C2034)

Appendix B

PM 24 hour Emissions unmitigated

DISCCART 406412.503810319 3758737.49985389 357.50 1.50
 ** receptor =B2076+1 (sensitive receptor: C2035)
 DISCCART 406412.503810319 3758687.50003121 357.50 1.50
 ** receptor =B2077+1 (sensitive receptor: C2036)
 DISCCART 406412.503810319 3758637.50020853 355.10 1.50
 ** receptor =B2078+1 (sensitive receptor: C2037)
 DISCCART 406462.498364286 3759287.49790338 449.30 1.50
 ** receptor =B2079+1 (sensitive receptor: C2038)
 DISCCART 406462.498364286 3759237.4980807 439.40 1.50
 ** receptor =B2080+1 (sensitive receptor: C2039)
 DISCCART 406462.498364286 3759187.49825802 426.30 1.50
 ** receptor =B2081+1 (sensitive receptor: C2040)
 DISCCART 406462.498364286 3759137.49843534 413.20 1.50
 ** receptor =B2082+1 (sensitive receptor: C2041)
 DISCCART 406462.498364286 3759087.49861266 400.20 1.50
 ** receptor =B2083+1 (sensitive receptor: C2042)
 DISCCART 406462.498364286 3759037.49878997 393.60 1.50
 ** receptor =B2084+1 (sensitive receptor: C2043)
 DISCCART 406462.498364286 3758987.49896729 387.00 1.50
 ** receptor =B2085+1 (sensitive receptor: C2044)
 DISCCART 406462.498364286 3758937.49914461 380.50 1.50
 ** receptor =B2086+1 (sensitive receptor: C2045)
 DISCCART 406462.498364286 3758887.49932193 368.20 1.50
 ** receptor =B2087+1 (sensitive receptor: C2046)
 DISCCART 406462.498364286 3758837.49949925 358.40 1.50
 ** receptor =B2088+1 (sensitive receptor: C2047)
 DISCCART 406462.498364286 3758787.49967657 361.70 1.50
 ** receptor =B2089+1 (sensitive receptor: C2048)
 DISCCART 406462.498364286 3758737.49985389 361.70 1.50
 ** receptor =B2090+1 (sensitive receptor: C2049)
 DISCCART 406462.498364286 3758687.50003121 364.00 1.50
 ** receptor =B2091+1 (sensitive receptor: C2050)
 DISCCART 406462.498364286 3758637.50020853 358.40 1.50
 ** receptor =B2092+1 (sensitive receptor: C2051)
 DISCCART 406512.501164097 3759287.49790338 452.60 1.50
 ** receptor =B2093+1 (sensitive receptor: C2052)
 DISCCART 406512.501164097 3759237.4980807 439.50 1.50
 ** receptor =B2094+1 (sensitive receptor: C2053)
 DISCCART 406512.501164097 3759187.49825802 424.00 1.50
 ** receptor =B2095+1 (sensitive receptor: C2054)
 DISCCART 406512.501164097 3759137.49843534 414.20 1.50
 ** receptor =B2096+1 (sensitive receptor: C2055)
 DISCCART 406512.501164097 3759087.49861266 406.60 1.50
 ** receptor =B2097+1 (sensitive receptor: C2056)
 DISCCART 406512.501164097 3759037.49878997 397.80 1.50
 ** receptor =B2098+1 (sensitive receptor: C2057)
 DISCCART 406512.501164097 3758987.49896729 390.20 1.50
 ** receptor =B2099+1 (sensitive receptor: C2058)
 DISCCART 406512.501164097 3758937.49914461 382.80 1.50
 ** receptor =B2100+1 (sensitive receptor: C2059)
 DISCCART 406512.501164097 3758887.49932193 373.90 1.50
 ** receptor =B2101+1 (sensitive receptor: C2060)
 DISCCART 406512.501164097 3758837.49949925 374.80 1.50
 ** receptor =B2102+1 (sensitive receptor: C2061)
 DISCCART 406512.501164097 3758787.49967657 371.60 1.50
 ** receptor =B2103+1 (sensitive receptor: C2062)
 DISCCART 406512.501164097 3758737.49985389 371.60 1.50
 ** receptor =B2104+1 (sensitive receptor: C2063)
 DISCCART 406512.501164097 3758687.50003121 368.30 1.50
 ** receptor =B2105+1 (sensitive receptor: C2064)
 DISCCART 406512.501164097 3758637.50020853 365.00 1.50
 ** receptor =B2106+1 (sensitive receptor: C2065)
 DISCCART 406562.495718064 3759237.4980807 443.60 1.50
 ** receptor =B2107+1 (sensitive receptor: C2066)
 DISCCART 406562.495718064 3759187.49825802 432.90 1.50
 ** receptor =B2108+1 (sensitive receptor: C2067)
 DISCCART 406562.495718064 3759137.49843534 419.80 1.50
 ** receptor =B2109+1 (sensitive receptor: C2068)
 DISCCART 406562.495718064 3759087.49861266 410.90 1.50
 ** receptor =B2110+1 (sensitive receptor: C2069)
 DISCCART 406562.495718064 3759037.49878997 403.40 1.50
 ** receptor =B2111+1 (sensitive receptor: C2070)
 DISCCART 406562.495718064 3758987.49896729 393.50 1.50
 ** receptor =B2112+1 (sensitive receptor: C2071)
 DISCCART 406562.495718064 3758937.49914461 381.40 1.50
 ** receptor =B2113+1 (sensitive receptor: C2072)

Appendix B

PM 24 hour Emissions unmitigated

** receptor	DISCCART	406562.495718064	3758887.49932193	381.40	1.50
	=B2114+1 (sensitive receptor: C2073)				
** receptor	DISCCART	406562.495718064	3758837.49949925	384.70	1.50
	=B2115+1 (sensitive receptor: C2074)				
** receptor	DISCCART	406562.495718064	3758787.49967657	381.40	1.50
	=B2116+1 (sensitive receptor: C2075)				
** receptor	DISCCART	406562.495718064	3758737.49985389	380.40	1.50
	=B2117+1 (sensitive receptor: C2076)				
** receptor	DISCCART	406562.495718064	3758687.50003121	374.80	1.50
	=B2118+1 (sensitive receptor: C2077)				
** receptor	DISCCART	406562.495718064	3758637.50020853	370.60	1.50
	=B2119+1 (sensitive receptor: C2078)				
** receptor	DISCCART	406562.495718064	3758587.50038585	364.10	1.50
	=B2120+1 (sensitive receptor: C2079)				
** receptor	DISCCART	406612.498517875	3759187.49825802	440.40	1.50
	=B2121+1 (sensitive receptor: C2080)				
** receptor	DISCCART	406612.498517875	3759137.49843534	427.30	1.50
	=B2122+1 (sensitive receptor: C2081)				
** receptor	DISCCART	406612.498517875	3759087.49861266	416.50	1.50
	=B2123+1 (sensitive receptor: C2082)				
** receptor	DISCCART	406612.498517875	3759037.49878997	403.40	1.50
	=B2124+1 (sensitive receptor: C2083)				
** receptor	DISCCART	406612.498517875	3758987.49896729	396.80	1.50
	=B2125+1 (sensitive receptor: C2084)				
** receptor	DISCCART	406612.498517875	3758937.49914461	397.80	1.50
	=B2126+1 (sensitive receptor: C2085)				
** receptor	DISCCART	406612.498517875	3758887.49932193	397.80	1.50
	=B2127+1 (sensitive receptor: C2086)				
** receptor	DISCCART	406612.498517875	3758837.49949925	393.60	1.50
	=B2128+1 (sensitive receptor: C2087)				
** receptor	DISCCART	406612.498517875	3758787.49967657	387.00	1.50
	=B2129+1 (sensitive receptor: C2088)				
** receptor	DISCCART	406612.498517875	3758737.49985389	383.70	1.50
	=B2130+1 (sensitive receptor: C2089)				
** receptor	DISCCART	406612.498517875	3758687.50003121	380.40	1.50
	=B2131+1 (sensitive receptor: C2090)				
** receptor	DISCCART	406612.498517875	3758637.50020853	370.60	1.50
	=B2132+1 (sensitive receptor: C2091)				
** receptor	DISCCART	406612.498517875	3758587.50038585	364.10	1.50
	=B2133+1 (sensitive receptor: C2092)				
** receptor	DISCCART	406662.501317687	3759187.49825802	446.00	1.50
	=B2134+1 (sensitive receptor: C2093)				
** receptor	DISCCART	406662.501317687	3759137.49843534	429.60	1.50
	=B2135+1 (sensitive receptor: C2094)				
** receptor	DISCCART	406662.501317687	3759087.49861266	419.80	1.50
	=B2136+1 (sensitive receptor: C2095)				
** receptor	DISCCART	406662.501317687	3759037.49878997	410.90	1.50
	=B2137+1 (sensitive receptor: C2096)				
** receptor	DISCCART	406662.501317687	3758987.49896729	408.60	1.50
	=B2138+1 (sensitive receptor: C2097)				
** receptor	DISCCART	406662.501317687	3758937.49914461	410.00	1.50
	=B2139+1 (sensitive receptor: C2098)				
** receptor	DISCCART	406662.501317687	3758887.49932193	403.40	1.50
	=B2140+1 (sensitive receptor: C2099)				
** receptor	DISCCART	406662.501317687	3758837.49949925	400.10	1.50
	=B2141+1 (sensitive receptor: C2100)				
** receptor	DISCCART	406662.501317687	3758787.49967657	390.30	1.50
	=B2142+1 (sensitive receptor: C2101)				
** receptor	DISCCART	406662.501317687	3758737.49985389	383.80	1.50
	=B2143+1 (sensitive receptor: C2102)				
** receptor	DISCCART	406712.495871654	3759137.49843534	430.50	1.50
	=B2144+1 (sensitive receptor: C2103)				
** receptor	DISCCART	406712.495871654	3759087.49861266	430.70	1.50
	=B2145+1 (sensitive receptor: C2104)				
** receptor	DISCCART	406712.495871654	3759037.49878997	428.20	1.50
	=B2146+1 (sensitive receptor: C2105)				
** receptor	DISCCART	406712.495871654	3758987.49896729	424.00	1.50
	=B2147+1 (sensitive receptor: C2106)				
** receptor	DISCCART	406712.495871654	3758937.49914461	419.80	1.50
	=B2148+1 (sensitive receptor: C2107)				
** receptor	DISCCART	406712.495871654	3758887.49932193	405.70	1.50
	=B2149+1 (sensitive receptor: C2108)				
** receptor	DISCCART	406712.495871654	3758587.50038585	373.80	1.50
	=B2150+1 (sensitive receptor: C2109)				
** receptor	DISCCART	406762.498671465	3759037.49878997	446.90	1.50
	=B2151+1 (sensitive receptor: C2110)				

Appendix B

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** receptor	DISCCART	406762.498671465	3758987.49896729	432.80	1.50
** receptor	=B2152+1 (sensitive receptor: C2111)				
** receptor	DISCCART	406762.498671465	3758937.49914461	416.60	1.50
** receptor	=B2153+1 (sensitive receptor: C2112)				
** receptor	DISCCART	406762.498671465	3758687.50003121	388.00	1.50
** receptor	=B2154+1 (sensitive receptor: C2113)				
** receptor	DISCCART	406762.498671465	3758637.50020853	382.80	1.50
** receptor	=B2155+1 (sensitive receptor: C2114)				
** receptor	DISCCART	406762.498671465	3758587.50038585	373.90	1.50
** receptor	=B2156+1 (sensitive receptor: C2115)				
** receptor	DISCCART	406812.501471276	3758987.49896729	435.20	1.50
** receptor	=B2157+1 (sensitive receptor: C2116)				
** receptor	DISCCART	406812.501471276	3758687.50003121	397.80	1.50
** receptor	=B2158+1 (sensitive receptor: C2117)				
** receptor	DISCCART	406812.501471276	3758637.50020853	384.70	1.50
** receptor	=B2159+1 (sensitive receptor: C2118)				
** receptor	DISCCART	406812.501471276	3758587.50038585	379.40	1.50
** receptor	=B2160+1 (sensitive receptor: C2119)				
** receptor	DISCCART	406862.496025243	3758737.49985389	406.70	1.50
** receptor	=B2161+1 (sensitive receptor: C2120)				
** receptor	DISCCART	406862.496025243	3758687.50003121	400.10	1.50
** receptor	=B2162+1 (sensitive receptor: C2121)				
** receptor	DISCCART	406862.496025243	3758637.50020853	387.00	1.50
** receptor	=B2163+1 (sensitive receptor: C2122)				
** receptor	DISCCART	406862.496025243	3758587.50038585	356.60	1.50
** receptor	=B2164+1 (sensitive receptor: C2123)				
** receptor	DISCCART	406912.498825054	3758787.49967657	416.60	1.50
** receptor	=B2165+1 (sensitive receptor: C2124)				
** receptor	DISCCART	406912.498825054	3758737.49985389	403.40	1.50
** receptor	=B2166+1 (sensitive receptor: C2125)				
** receptor	DISCCART	406912.498825054	3758687.50003121	393.60	1.50
** receptor	=B2167+1 (sensitive receptor: C2126)				
** receptor	DISCCART	406912.498825054	3758637.50020853	382.70	1.50
** receptor	=B2168+1 (sensitive receptor: C2127)				
** receptor	DISCCART	406912.498825054	3758587.50038585	378.20	1.50
** receptor	=B2169+1 (sensitive receptor: C2128)				
** receptor	DISCCART	406962.501624865	3758737.49985389	403.40	1.50
** receptor	=B2170+1 (sensitive receptor: C2129)				
** receptor	DISCCART	406962.501624865	3758687.50003121	393.50	1.50
** receptor	=B2171+1 (sensitive receptor: C2130)				
** receptor	DISCCART	406962.501624865	3758637.50020853	377.20	1.50
** receptor	=B2172+1 (sensitive receptor: C2131)				
** receptor	DISCCART	406962.501624865	3758587.50038585	383.80	1.50
** receptor	=B2173+1 (sensitive receptor: C2132)				
** receptor	DISCCART	407012.504424677	3758687.50003121	390.20	1.50
** receptor	=B2174+1 (sensitive receptor: C2133)				
** receptor	DISCCART	407012.504424677	3758637.50020853	378.20	1.50
** receptor	=B2175+1 (sensitive receptor: C2134)				
** receptor	DISCCART	407012.504424677	3758587.50038585	391.30	1.50
** receptor	=B2176+1 (sensitive receptor: C2135)				
** receptor	DISCCART	407062.498978644	3758687.50003121	383.70	1.50
** receptor	=B2177+1 (sensitive receptor: C2136)				
** receptor	DISCCART	407062.498978644	3758637.50020853	389.00	1.50
** receptor	=B2178+1 (sensitive receptor: C2137)				
** receptor	DISCCART	407062.498978644	3758587.50038585	400.20	1.50
** receptor	=B2179+1 (sensitive receptor: C2138)				
** receptor	DISCCART	407112.501778455	3758637.50020853	404.40	1.50
** receptor	=B2180+1 (sensitive receptor: C2139)				
** receptor	DISCCART	407112.501778455	3758587.50038585	410.00	1.50
** receptor	=B2181+1 (sensitive receptor: C2140)				
** receptor	DISCCART	407162.496332422	3758637.50020853	416.60	1.50
** receptor	=B2182+1 (sensitive receptor: C2141)				
** receptor	DISCCART	407162.496332422	3758587.50038585	416.60	1.50
** receptor	=B2183+1 (sensitive receptor: C2142)				
** receptor	DISCCART	407212.499132233	3758637.50020853	433.00	1.50
** receptor	=B2184+1 (sensitive receptor: C2143)				
** receptor	DISCCART	407212.499132233	3758587.50038585	447.10	1.50
** receptor	=B2185+1 (sensitive receptor: C2144)				
** receptor	DISCCART	407262.501932044	3758637.50020853	450.30	1.50
** receptor	=B2186+1 (sensitive receptor: C2145)				
** receptor	DISCCART	407262.501932044	3758587.50038585	453.60	1.50
** receptor	=B2187+1 (sensitive receptor: C2146)				
** receptor	DISCCART	407312.496486011	3758637.50020853	466.70	1.50
** receptor	=B2188+1 (sensitive receptor: C2147)				
** receptor	DISCCART	407312.496486011	3758587.50038585	463.40	1.50
** receptor	=B2189+1 (sensitive receptor: C2148)				

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DISCCART 407362.499285822 3758637.50020853 479.80 1.50
 ** receptor =B2190+1 (sensitive receptor: C2149)
 DISCCART 407362.499285822 3758587.50038585 479.80 1.50
 ** receptor =B2191+1 (sensitive receptor: C2150)
 DISCCART 407412.502085634 3758637.50020853 499.50 1.50
 ** receptor =B2192+1 (sensitive receptor: C2151)
 DISCCART 407412.502085634 3758587.50038585 502.80 1.50
 ** receptor =B2193+1 (sensitive receptor: C2152)
 DISCCART 407462.4966396 3758637.50020853 500.90 1.50
 ** receptor =B2194+1 (sensitive receptor: C2153)
 DISCCART 407462.4966396 3758587.50038585 508.50 1.50
 ** receptor =B2195+1 (sensitive receptor: C2154)
 DISCCART 407512.499439412 3758637.50020853 481.20 1.50
 ** receptor =B2196+1 (sensitive receptor: C2155)
 DISCCART 407512.499439412 3758587.50038585 479.40 1.50
 ** receptor =B2197+1 (sensitive receptor: C2156)
 DISCCART 407562.502239223 3758637.50020853 0.00 1.50
 ** receptor =B2198+1 (sensitive receptor: C2157)
 DISCCART 407562.502239223 3758587.50038585 0.00 1.50
 ** receptor =B2199+1 (sensitive receptor: C2158)
 DISCCART 407612.49679319 3758637.50020853 0.00 1.50
 ** receptor =B2200+1 (sensitive receptor: C2159)
 DISCCART 407612.49679319 3758587.50038585 0.00 1.50
 ** receptor =B2201+1 (sensitive receptor: C2160)
 DISCCART 407662.499593001 3758637.50020853 0.00 1.50
 ** receptor =B2202+1 (sensitive receptor: C2161)
 DISCCART 407662.499593001 3758587.50038585 0.00 1.50
 ** receptor =B2203+1 (sensitive receptor: C2162)
 DISCCART 407712.502392812 3758637.50020853 0.00 1.50
 ** receptor =B2204+1 (sensitive receptor: C2163)
 DISCCART 407712.502392812 3758587.50038585 0.00 1.50
 ** receptor =B2205+1 (sensitive receptor: C2164)
 DISCCART 407762.496946779 3758637.50020853 0.00 1.50
 ** receptor =B2206+1 (sensitive receptor: C2165)
 DISCCART 407762.496946779 3758587.50038585 0.00 1.50
 ** receptor =B2207+1 (sensitive receptor: C2166)
 DISCCART 407812.49974659 3758637.50020853 0.00 1.50
 ** receptor =B2208+1 (sensitive receptor: C2167)
 DISCCART 407812.49974659 3758587.50038585 0.00 1.50
 ** receptor =B2209+1 (sensitive receptor: C2168)
 DISCCART 407862.502546402 3758637.50020853 0.00 1.50
 ** receptor =B2210+1 (sensitive receptor: C2169)
 DISCCART 407862.502546402 3758587.50038585 0.00 1.50
 ** receptor =B2211+1 (sensitive receptor: C2170)
 DISCCART 407912.497100369 3758637.50020853 0.00 1.50
 ** receptor =B2212+1 (sensitive receptor: C2171)
 DISCCART 407912.497100369 3758587.50038585 0.00 1.50
 ** receptor =B2213+1 (sensitive receptor: C2172)
 DISCCART 407962.49990018 3758637.50020853 0.00 1.50
 ** receptor =B2214+1 (sensitive receptor: C2173)
 DISCCART 407962.49990018 3758587.50038585 0.00 1.50
 ** receptor =B2215+1 (sensitive receptor: C2174)
 DISCCART 408012.502699991 3758637.50020853 0.00 1.50
 ** receptor =B2216+1 (sensitive receptor: C2175)
 DISCCART 408012.502699991 3758587.50038585 0.00 1.50
 ** receptor =B2217+1 (sensitive receptor: C2176)
 DISCCART 408062.497253958 3758637.50020853 0.00 1.50
 ** receptor =B2218+1 (sensitive receptor: C2177)
 DISCCART 408062.497253958 3758587.50038585 0.00 1.50
 ** receptor =B2219+1 (sensitive receptor: C2178)
 DISCCART 408112.500053769 3758637.50020853 0.00 1.50
 ** receptor =B2220+1 (sensitive receptor: C2179)
 DISCCART 408112.500053769 3758587.50038585 0.00 1.50
 ** receptor =B2221+1 (sensitive receptor: C2180)
 DISCCART 405987.496503612 3758537.50056317 305.00 1.50
 ** receptor =B2222+1 (sensitive receptor: C2181)
 DISCCART 406012.497903518 3758537.50056317 308.30 1.50
 ** receptor =B2223+1 (sensitive receptor: C2182)
 DISCCART 406037.499303424 3758537.50056317 310.80 1.50
 ** receptor =B2224+1 (sensitive receptor: C2183)
 DISCCART 406062.500703329 3758537.50056317 311.60 1.50
 ** receptor =B2225+1 (sensitive receptor: C2184)
 DISCCART 406087.502103235 3758537.50056317 314.90 1.50
 ** receptor =B2226+1 (sensitive receptor: C2185)
 DISCCART 406112.495257296 3758537.50056317 315.80 1.50
 ** receptor =B2227+1 (sensitive receptor: C2186)

Appendix B

PM 24 hour Emissions unmitigated

DISCCART 406137.496657202 3758537.50056317 318.20 1.50
 ** receptor =B2228+1 (sensitive receptor: C2187)
 DISCCART 406162.498057107 3758537.50056317 321.40 1.50
 ** receptor =B2229+1 (sensitive receptor: C2188)
 DISCCART 406187.499457013 3758537.50056317 324.00 1.50
 ** receptor =B2230+1 (sensitive receptor: C2189)
 DISCCART 406212.500856919 3758537.50056317 327.90 1.50
 ** receptor =B2231+1 (sensitive receptor: C2190)
 DISCCART 406237.502256824 3758537.50056317 330.60 1.50
 ** receptor =B2232+1 (sensitive receptor: C2191)
 DISCCART 406262.495410886 3758537.50056317 334.60 1.50
 ** receptor =B2233+1 (sensitive receptor: C2192)
 DISCCART 406287.496810791 3758537.50056317 337.80 1.50
 ** receptor =B2234+1 (sensitive receptor: C2193)
 DISCCART 406312.498210697 3758537.50056317 341.10 1.50
 ** receptor =B2235+1 (sensitive receptor: C2194)
 DISCCART 406337.499610602 3758537.50056317 343.60 1.50
 ** receptor =B2236+1 (sensitive receptor: C2195)
 DISCCART 406362.501010508 3758537.50056317 344.40 1.50
 ** receptor =B2237+1 (sensitive receptor: C2196)
 DISCCART 406387.502410414 3758537.50056317 346.90 1.50
 ** receptor =B2238+1 (sensitive receptor: C2197)
 DISCCART 406412.503810319 3758537.50056317 347.70 1.50
 ** receptor =B2239+1 (sensitive receptor: C2198)
 DISCCART 406437.496964381 3758537.50056317 351.00 1.50
 ** receptor =B2240+1 (sensitive receptor: C2199)
 DISCCART 406462.498364286 3758537.50056317 354.20 1.50
 ** receptor =B2241+1 (sensitive receptor: C2200)
 DISCCART 406487.499764192 3758537.50056317 354.20 1.50
 ** receptor =B2242+1 (sensitive receptor: C2201)
 DISCCART 406512.501164097 3758537.50056317 357.50 1.50
 ** receptor =B2243+1 (sensitive receptor: C2202)
 DISCCART 406562.495718064 3758537.50056317 357.50 1.50
 ** receptor =B2244+1 (sensitive receptor: C2203)
 DISCCART 406612.498517875 3758537.50056317 360.70 1.50
 ** receptor =B2245+1 (sensitive receptor: C2204)
 DISCCART 406662.501317687 3758537.50056317 357.50 1.50
 ** receptor =B2246+1 (sensitive receptor: C2205)
 DISCCART 406712.495871654 3758537.50056317 360.70 1.50
 ** receptor =B2247+1 (sensitive receptor: C2206)
 DISCCART 406762.498671465 3758537.50056317 357.50 1.50
 ** receptor =B2248+1 (sensitive receptor: C2207)
 DISCCART 406812.501471276 3758537.50056317 360.80 1.50
 ** receptor =B2249+1 (sensitive receptor: C2208)
 DISCCART 406862.496025243 3758537.50056317 365.10 1.50
 ** receptor =B2250+1 (sensitive receptor: C2209)
 DISCCART 406912.498825054 3758537.50056317 377.10 1.50
 ** receptor =B2251+1 (sensitive receptor: C2210)
 DISCCART 406962.501624865 3758537.50056317 388.90 1.50
 ** receptor =B2252+1 (sensitive receptor: C2211)
 DISCCART 407012.504424677 3758537.50056317 400.20 1.50
 ** receptor =B2253+1 (sensitive receptor: C2212)
 DISCCART 407062.498978644 3758537.50056317 403.50 1.50
 ** receptor =B2254+1 (sensitive receptor: C2213)
 DISCCART 407112.501778455 3758537.50056317 416.60 1.50
 ** receptor =B2255+1 (sensitive receptor: C2214)
 DISCCART 407162.496332422 3758537.50056317 426.50 1.50
 ** receptor =B2256+1 (sensitive receptor: C2215)
 DISCCART 407212.499132233 3758537.50056317 462.60 1.50
 ** receptor =B2257+1 (sensitive receptor: C2216)
 DISCCART 407262.501932044 3758537.50056317 465.90 1.50
 ** receptor =B2258+1 (sensitive receptor: C2217)
 DISCCART 407312.496486011 3758537.50056317 482.30 1.50
 ** receptor =B2259+1 (sensitive receptor: C2218)
 DISCCART 407362.499285822 3758537.50056317 483.30 1.50
 ** receptor =B2260+1 (sensitive receptor: C2219)
 DISCCART 407412.502085634 3758537.50056317 496.20 1.50
 ** receptor =B2261+1 (sensitive receptor: C2220)
 DISCCART 407462.4966396 3758537.50056317 519.20 1.50
 ** receptor =B2262+1 (sensitive receptor: C2221)
 DISCCART 407512.499439412 3758537.50056317 486.90 1.50
 ** receptor =B2263+1 (sensitive receptor: C2222)
 DISCCART 407562.502239223 3758537.50056317 0.00 1.50
 ** receptor =B2264+1 (sensitive receptor: C2223)
 DISCCART 407612.49679319 3758537.50056317 0.00 1.50
 ** receptor =B2265+1 (sensitive receptor: C2224)

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DISCCART 407662.499593001 3758537.50056317 0.00 1.50
 ** receptor =B2266+1 (sensitive receptor: C2225)
 DISCCART 407712.502392812 3758537.50056317 0.00 1.50
 ** receptor =B2267+1 (sensitive receptor: C2226)
 DISCCART 407762.496946779 3758537.50056317 0.00 1.50
 ** receptor =B2268+1 (sensitive receptor: C2227)
 DISCCART 407812.49974659 3758537.50056317 0.00 1.50
 ** receptor =B2269+1 (sensitive receptor: C2228)
 DISCCART 407862.502546402 3758537.50056317 0.00 1.50
 ** receptor =B2270+1 (sensitive receptor: C2229)
 DISCCART 407912.497100369 3758537.50056317 0.00 1.50
 ** receptor =B2271+1 (sensitive receptor: C2230)
 DISCCART 407962.49990018 3758537.50056317 0.00 1.50
 ** receptor =B2272+1 (sensitive receptor: C2231)
 DISCCART 408012.502699991 3758537.50056317 0.00 1.50
 ** receptor =B2273+1 (sensitive receptor: C2232)
 DISCCART 408062.497253958 3758537.50056317 0.00 1.50
 ** receptor =B2274+1 (sensitive receptor: C2233)
 DISCCART 408112.500053769 3758537.50056317 0.00 1.50
 ** receptor =B2275+1 (sensitive receptor: C2234)
 DISCCART 405962.503349551 3758587.50038585 308.30 1.50
 ** receptor =B2276+1 (sensitive receptor: C2235)
 DISCCART 406012.497903518 3758587.50038585 311.60 1.50
 ** receptor =B2277+1 (sensitive receptor: C2236)
 DISCCART 406062.500703329 3758587.50038585 314.90 1.50
 ** receptor =B2278+1 (sensitive receptor: C2237)
 DISCCART 406112.495257296 3758587.50038585 318.20 1.50
 ** receptor =B2279+1 (sensitive receptor: C2238)
 DISCCART 406162.498057107 3758587.50038585 324.70 1.50
 ** receptor =B2280+1 (sensitive receptor: C2239)
 DISCCART 406212.500856919 3758587.50038585 331.20 1.50
 ** receptor =B2281+1 (sensitive receptor: C2240)
 DISCCART 406262.495410886 3758587.50038585 335.50 1.50
 ** receptor =B2282+1 (sensitive receptor: C2241)
 DISCCART 406312.498210697 3758587.50038585 342.00 1.50
 ** receptor =B2283+1 (sensitive receptor: C2242)
 DISCCART 406362.501010508 3758587.50038585 345.30 1.50
 ** receptor =B2284+1 (sensitive receptor: C2243)
 DISCCART 406412.503810319 3758587.50038585 351.00 1.50
 ** receptor =B2285+1 (sensitive receptor: C2244)
 DISCCART 406462.498364286 3758587.50038585 357.50 1.50
 ** receptor =B2286+1 (sensitive receptor: C2245)
 DISCCART 406512.501164097 3758587.50038585 360.80 1.50
 ** receptor =B2287+1 (sensitive receptor: C2246)
 DISCCART 405987.496503612 3760012.50033123 754.40 1.50
 ** receptor =B2288+1 (sensitive receptor: C2247)
 DISCCART 405987.496503612 3759962.50050855 734.70 1.50
 ** receptor =B2289+1 (sensitive receptor: C2248)
 DISCCART 405987.496503612 3759912.50068587 712.60 1.50
 ** receptor =B2290+1 (sensitive receptor: C2249)
 DISCCART 405987.496503612 3759862.50086319 672.50 1.50
 ** receptor =B2291+1 (sensitive receptor: C2250)
 DISCCART 405987.496503612 3759812.50104051 637.20 1.50
 ** receptor =B2292+1 (sensitive receptor: C2251)
 DISCCART 405987.496503612 3759762.50121783 623.20 1.50
 ** receptor =B2293+1 (sensitive receptor: C2252)
 DISCCART 405987.496503612 3759712.50139515 590.00 1.50
 ** receptor =B2294+1 (sensitive receptor: C2253)
 DISCCART 405987.496503612 3759662.50157247 544.10 1.50
 ** receptor =B2295+1 (sensitive receptor: C2254)
 DISCCART 405987.496503612 3759612.50174979 531.00 1.50
 ** receptor =B2296+1 (sensitive receptor: C2255)
 DISCCART 405987.496503612 3759562.5019271 525.80 1.50
 ** receptor =B2297+1 (sensitive receptor: C2256)
 DISCCART 405987.496503612 3759512.50210442 531.40 1.50
 ** receptor =B2298+1 (sensitive receptor: C2257)
 DISCCART 405987.496503612 3759462.50228174 529.30 1.50
 ** receptor =B2299+1 (sensitive receptor: C2258)
 DISCCART 405987.496503612 3759412.50245906 502.40 1.50
 ** receptor =B2300+1 (sensitive receptor: C2259)
 DISCCART 405987.496503612 3759362.50263638 470.80 1.50
 ** receptor =B2301+1 (sensitive receptor: C2260)
 DISCCART 405987.496503612 3759312.5028137 442.60 1.50
 ** receptor =B2302+1 (sensitive receptor: C2261)
 DISCCART 405987.496503612 3759262.50299102 415.70 1.50
 ** receptor =B2303+1 (sensitive receptor: C2262)

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DISCCART 405987.496503612 3759212.50316834 380.80 1.50
 ** receptor =B2304+1 (sensitive receptor: C2263)
 DISCCART 405987.496503612 3759162.50334566 377.20 1.50
 ** receptor =B2305+1 (sensitive receptor: C2264)
 DISCCART 405987.496503612 3759112.50352298 371.90 1.50
 ** receptor =B2306+1 (sensitive receptor: C2265)
 DISCCART 405987.496503612 3759062.5037003 363.70 1.50
 ** receptor =B2307+1 (sensitive receptor: C2266)
 DISCCART 405987.496503612 3759012.50387762 357.50 1.50
 ** receptor =B2308+1 (sensitive receptor: C2267)
 DISCCART 405987.496503612 3758962.50405494 355.50 1.50
 ** receptor =B2309+1 (sensitive receptor: C2268)
 DISCCART 405987.496503612 3758912.50423226 348.90 1.50
 ** receptor =B2310+1 (sensitive receptor: C2269)
 DISCCART 405987.496503612 3758862.50440957 342.30 1.50
 ** receptor =B2311+1 (sensitive receptor: C2270)
 DISCCART 405987.496503612 3758812.50458689 334.60 1.50
 ** receptor =B2312+1 (sensitive receptor: C2271)
 DISCCART 405987.496503612 3758762.50476421 329.20 1.50
 ** receptor =B2313+1 (sensitive receptor: C2272)
 DISCCART 405987.496503612 3758712.50494153 322.70 1.50
 ** receptor =B2314+1 (sensitive receptor: C2273)
 DISCCART 405987.496503612 3758662.50511885 316.40 1.50
 ** receptor =B2315+1 (sensitive receptor: C2274)
 DISCCART 406037.499303424 3760012.50033123 724.10 1.50
 ** receptor =B2316+1 (sensitive receptor: C2275)
 DISCCART 406037.499303424 3759812.50104051 595.50 1.50
 ** receptor =B2317+1 (sensitive receptor: C2276)
 DISCCART 406037.499303424 3759762.50121783 588.60 1.50
 ** receptor =B2318+1 (sensitive receptor: C2277)
 DISCCART 406037.499303424 3759712.50139515 585.00 1.50
 ** receptor =B2319+1 (sensitive receptor: C2278)
 DISCCART 406037.499303424 3759662.50157247 546.00 1.50
 ** receptor =B2320+1 (sensitive receptor: C2279)
 DISCCART 406037.499303424 3759612.50174979 532.90 1.50
 ** receptor =B2321+1 (sensitive receptor: C2280)
 DISCCART 406037.499303424 3759562.5019271 523.50 1.50
 ** receptor =B2322+1 (sensitive receptor: C2281)
 DISCCART 406037.499303424 3759512.50210442 501.60 1.50
 ** receptor =B2323+1 (sensitive receptor: C2282)
 DISCCART 406037.499303424 3759462.50228174 468.20 1.50
 ** receptor =B2324+1 (sensitive receptor: C2283)
 DISCCART 406037.499303424 3759412.50245906 463.60 1.50
 ** receptor =B2325+1 (sensitive receptor: C2284)
 DISCCART 406037.499303424 3759362.50263638 444.10 1.50
 ** receptor =B2326+1 (sensitive receptor: C2285)
 DISCCART 406037.499303424 3759312.5028137 436.80 1.50
 ** receptor =B2327+1 (sensitive receptor: C2286)
 DISCCART 406037.499303424 3759262.50299102 402.80 1.50
 ** receptor =B2328+1 (sensitive receptor: C2287)
 DISCCART 406037.499303424 3759212.50316834 391.20 1.50
 ** receptor =B2329+1 (sensitive receptor: C2288)
 DISCCART 406037.499303424 3759162.50334566 383.40 1.50
 ** receptor =B2330+1 (sensitive receptor: C2289)
 DISCCART 406037.499303424 3759112.50352298 377.20 1.50
 ** receptor =B2331+1 (sensitive receptor: C2290)
 DISCCART 406037.499303424 3759062.5037003 370.30 1.50
 ** receptor =B2332+1 (sensitive receptor: C2291)
 DISCCART 406037.499303424 3759012.50387762 366.60 1.50
 ** receptor =B2333+1 (sensitive receptor: C2292)
 DISCCART 406037.499303424 3758962.50405494 362.00 1.50
 ** receptor =B2334+1 (sensitive receptor: C2293)
 DISCCART 406037.499303424 3758912.50423226 354.20 1.50
 ** receptor =B2335+1 (sensitive receptor: C2294)
 DISCCART 406037.499303424 3758862.50440957 344.40 1.50
 ** receptor =B2336+1 (sensitive receptor: C2295)
 DISCCART 406037.499303424 3758812.50458689 340.70 1.50
 ** receptor =B2337+1 (sensitive receptor: C2296)
 DISCCART 406037.499303424 3758762.50476421 334.20 1.50
 ** receptor =B2338+1 (sensitive receptor: C2297)
 DISCCART 406037.499303424 3758712.50494153 326.30 1.50
 ** receptor =B2339+1 (sensitive receptor: C2298)
 DISCCART 406037.499303424 3758662.50511885 321.10 1.50
 ** receptor =B2340+1 (sensitive receptor: C2299)
 DISCCART 406087.502103235 3760012.50033123 658.00 1.50
 ** receptor =B2341+1 (sensitive receptor: C2300)

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DISCCART 406087.502103235 3759812.50104051 501.10 1.50
 ** receptor =B2342+1 (sensitive receptor: C2301)
 DISCCART 406087.502103235 3759762.50121783 493.10 1.50
 ** receptor =B2343+1 (sensitive receptor: C2302)
 DISCCART 406087.502103235 3759712.50139515 497.00 1.50
 ** receptor =B2344+1 (sensitive receptor: C2303)
 DISCCART 406087.502103235 3759662.50157247 483.50 1.50
 ** receptor =B2345+1 (sensitive receptor: C2304)
 DISCCART 406087.502103235 3759612.50174979 489.70 1.50
 ** receptor =B2346+1 (sensitive receptor: C2305)
 DISCCART 406087.502103235 3759562.5019271 472.00 1.50
 ** receptor =B2347+1 (sensitive receptor: C2306)
 DISCCART 406087.502103235 3759512.50210442 465.80 1.50
 ** receptor =B2348+1 (sensitive receptor: C2307)
 DISCCART 406087.502103235 3759462.50228174 455.90 1.50
 ** receptor =B2349+1 (sensitive receptor: C2308)
 DISCCART 406087.502103235 3759412.50245906 426.80 1.50
 ** receptor =B2350+1 (sensitive receptor: C2309)
 DISCCART 406087.502103235 3759362.50263638 420.90 1.50
 ** receptor =B2351+1 (sensitive receptor: C2310)
 DISCCART 406087.502103235 3759312.5028137 418.30 1.50
 ** receptor =B2352+1 (sensitive receptor: C2311)
 DISCCART 406087.502103235 3759262.50299102 401.00 1.50
 ** receptor =B2353+1 (sensitive receptor: C2312)
 DISCCART 406087.502103235 3759212.50316834 394.80 1.50
 ** receptor =B2354+1 (sensitive receptor: C2313)
 DISCCART 406087.502103235 3759162.50334566 390.30 1.50
 ** receptor =B2355+1 (sensitive receptor: C2314)
 DISCCART 406087.502103235 3759112.50352298 383.40 1.50
 ** receptor =B2356+1 (sensitive receptor: C2315)
 DISCCART 406087.502103235 3759062.5037003 377.20 1.50
 ** receptor =B2357+1 (sensitive receptor: C2316)
 DISCCART 406087.502103235 3759012.50387762 373.20 1.50
 ** receptor =B2358+1 (sensitive receptor: C2317)
 DISCCART 406087.502103235 3758962.50405494 365.60 1.50
 ** receptor =B2359+1 (sensitive receptor: C2318)
 DISCCART 406087.502103235 3758912.50423226 358.70 1.50
 ** receptor =B2360+1 (sensitive receptor: C2319)
 DISCCART 406087.502103235 3758862.50440957 352.20 1.50
 ** receptor =B2361+1 (sensitive receptor: C2320)
 DISCCART 406087.502103235 3758812.50458689 344.40 1.50
 ** receptor =B2362+1 (sensitive receptor: C2321)
 DISCCART 406087.502103235 3758762.50476421 337.80 1.50
 ** receptor =B2363+1 (sensitive receptor: C2322)
 DISCCART 406087.502103235 3758712.50494153 331.30 1.50
 ** receptor =B2364+1 (sensitive receptor: C2323)
 DISCCART 406087.502103235 3758662.50511885 324.70 1.50
 ** receptor =B2365+1 (sensitive receptor: C2324)
 DISCCART 406137.496657202 3760012.50033123 577.10 1.50
 ** receptor =B2366+1 (sensitive receptor: C2325)
 DISCCART 406137.496657202 3759812.50104051 485.40 1.50
 ** receptor =B2367+1 (sensitive receptor: C2326)
 DISCCART 406137.496657202 3759762.50121783 485.10 1.50
 ** receptor =B2368+1 (sensitive receptor: C2327)
 DISCCART 406137.496657202 3759712.50139515 484.00 1.50
 ** receptor =B2369+1 (sensitive receptor: C2328)
 DISCCART 406137.496657202 3759662.50157247 477.70 1.50
 ** receptor =B2370+1 (sensitive receptor: C2329)
 DISCCART 406137.496657202 3759612.50174979 469.00 1.50
 ** receptor =B2371+1 (sensitive receptor: C2330)
 DISCCART 406137.496657202 3759562.5019271 461.10 1.50
 ** receptor =B2372+1 (sensitive receptor: C2331)
 DISCCART 406137.496657202 3759512.50210442 436.60 1.50
 ** receptor =B2373+1 (sensitive receptor: C2332)
 DISCCART 406137.496657202 3759462.50228174 426.40 1.50
 ** receptor =B2374+1 (sensitive receptor: C2333)
 DISCCART 406137.496657202 3759412.50245906 433.20 1.50
 ** receptor =B2375+1 (sensitive receptor: C2334)
 DISCCART 406137.496657202 3759362.50263638 436.40 1.50
 ** receptor =B2376+1 (sensitive receptor: C2335)
 DISCCART 406137.496657202 3759312.5028137 436.40 1.50
 ** receptor =B2377+1 (sensitive receptor: C2336)
 DISCCART 406137.496657202 3759262.50299102 417.40 1.50
 ** receptor =B2378+1 (sensitive receptor: C2337)
 DISCCART 406137.496657202 3759212.50316834 404.70 1.50
 ** receptor =B2379+1 (sensitive receptor: C2338)

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DISCCART 406137.496657202 3759162.50334566 398.10 1.50
 ** receptor =B2380+1 (sensitive receptor: C2339)
 DISCCART 406137.496657202 3759112.50352298 390.30 1.50
 ** receptor =B2381+1 (sensitive receptor: C2340)
 DISCCART 406137.496657202 3759062.5037003 383.40 1.50
 ** receptor =B2382+1 (sensitive receptor: C2341)
 DISCCART 406137.496657202 3759012.50387762 380.50 1.50
 ** receptor =B2383+1 (sensitive receptor: C2342)
 DISCCART 406137.496657202 3758962.50405494 373.50 1.50
 ** receptor =B2384+1 (sensitive receptor: C2343)
 DISCCART 406137.496657202 3758912.50423226 365.30 1.50
 ** receptor =B2385+1 (sensitive receptor: C2344)
 DISCCART 406137.496657202 3758862.50440957 357.50 1.50
 ** receptor =B2386+1 (sensitive receptor: C2345)
 DISCCART 406137.496657202 3758812.50458689 349.20 1.50
 ** receptor =B2387+1 (sensitive receptor: C2346)
 DISCCART 406137.496657202 3758762.50476421 342.30 1.50
 ** receptor =B2388+1 (sensitive receptor: C2347)
 DISCCART 406137.496657202 3758712.50494153 334.60 1.50
 ** receptor =B2389+1 (sensitive receptor: C2348)
 DISCCART 406137.496657202 3758662.50511885 329.20 1.50
 ** receptor =B2390+1 (sensitive receptor: C2349)
 DISCCART 406187.499457013 3759412.50245906 481.00 1.50
 ** receptor =B2391+1 (sensitive receptor: C2350)
 DISCCART 406187.499457013 3759362.50263638 463.30 1.50
 ** receptor =B2392+1 (sensitive receptor: C2351)
 DISCCART 406187.499457013 3759312.5028137 455.10 1.50
 ** receptor =B2393+1 (sensitive receptor: C2352)
 DISCCART 406187.499457013 3759262.50299102 427.60 1.50
 ** receptor =B2394+1 (sensitive receptor: C2353)
 DISCCART 406187.499457013 3759212.50316834 412.90 1.50
 ** receptor =B2395+1 (sensitive receptor: C2354)
 DISCCART 406187.499457013 3759162.50334566 403.40 1.50
 ** receptor =B2396+1 (sensitive receptor: C2355)
 DISCCART 406187.499457013 3759112.50352298 396.50 1.50
 ** receptor =B2397+1 (sensitive receptor: C2356)
 DISCCART 406187.499457013 3759062.5037003 389.90 1.50
 ** receptor =B2398+1 (sensitive receptor: C2357)
 DISCCART 406187.499457013 3759012.50387762 385.00 1.50
 ** receptor =B2399+1 (sensitive receptor: C2358)
 DISCCART 406187.499457013 3758962.50405494 380.10 1.50
 ** receptor =B2400+1 (sensitive receptor: C2359)
 DISCCART 406187.499457013 3758912.50423226 368.90 1.50
 ** receptor =B2401+1 (sensitive receptor: C2360)
 DISCCART 406187.499457013 3758862.50440957 362.40 1.50
 ** receptor =B2402+1 (sensitive receptor: C2361)
 DISCCART 406187.499457013 3758812.50458689 354.20 1.50
 ** receptor =B2403+1 (sensitive receptor: C2362)
 DISCCART 406187.499457013 3758762.50476421 344.40 1.50
 ** receptor =B2404+1 (sensitive receptor: C2363)
 DISCCART 406187.499457013 3758712.50494153 337.50 1.50
 ** receptor =B2405+1 (sensitive receptor: C2364)
 DISCCART 406187.499457013 3758662.50511885 334.20 1.50
 ** receptor =B2406+1 (sensitive receptor: C2365)
 DISCCART 406237.502256824 3759412.50245906 492.80 1.50
 ** receptor =B2407+1 (sensitive receptor: C2366)
 DISCCART 406237.502256824 3759362.50263638 472.90 1.50
 ** receptor =B2408+1 (sensitive receptor: C2367)
 DISCCART 406237.502256824 3759312.5028137 453.00 1.50
 ** receptor =B2409+1 (sensitive receptor: C2368)
 DISCCART 406237.502256824 3759262.50299102 437.40 1.50
 ** receptor =B2410+1 (sensitive receptor: C2369)
 DISCCART 406237.502256824 3759212.50316834 417.80 1.50
 ** receptor =B2411+1 (sensitive receptor: C2370)
 DISCCART 406237.502256824 3759162.50334566 408.30 1.50
 ** receptor =B2412+1 (sensitive receptor: C2371)
 DISCCART 406237.502256824 3759112.50352298 403.10 1.50
 ** receptor =B2413+1 (sensitive receptor: C2372)
 DISCCART 406237.502256824 3759062.5037003 394.80 1.50
 ** receptor =B2414+1 (sensitive receptor: C2373)
 DISCCART 406237.502256824 3759012.50387762 387.00 1.50
 ** receptor =B2415+1 (sensitive receptor: C2374)
 DISCCART 406237.502256824 3758962.50405494 380.50 1.50
 ** receptor =B2416+1 (sensitive receptor: C2375)
 DISCCART 406237.502256824 3758912.50423226 372.20 1.50
 ** receptor =B2417+1 (sensitive receptor: C2376)

Appendix B

PM 24 hour Emissions unmitigated

DISCCART 406237.502256824 3758862.50440957 364.10 1.50
 ** receptor =B2418+1 (sensitive receptor: C2377)
 DISCCART 406237.502256824 3758812.50458689 355.80 1.50
 ** receptor =B2419+1 (sensitive receptor: C2378)
 DISCCART 406237.502256824 3758762.50476421 346.00 1.50
 ** receptor =B2420+1 (sensitive receptor: C2379)
 DISCCART 406237.502256824 3758712.50494153 341.10 1.50
 ** receptor =B2421+1 (sensitive receptor: C2380)
 DISCCART 406237.502256824 3758662.50511885 337.50 1.50
 ** receptor =B2422+1 (sensitive receptor: C2381)
 DISCCART 406287.496810791 3759412.50245906 504.70 1.50
 ** receptor =B2423+1 (sensitive receptor: C2382)
 DISCCART 406287.496810791 3759362.50263638 481.30 1.50
 ** receptor =B2424+1 (sensitive receptor: C2383)
 DISCCART 406287.496810791 3759312.5028137 455.50 1.50
 ** receptor =B2425+1 (sensitive receptor: C2384)
 DISCCART 406287.496810791 3759262.50299102 441.10 1.50
 ** receptor =B2426+1 (sensitive receptor: C2385)
 DISCCART 406287.496810791 3759212.50316834 424.70 1.50
 ** receptor =B2427+1 (sensitive receptor: C2386)
 DISCCART 406287.496810791 3759162.50334566 413.30 1.50
 ** receptor =B2428+1 (sensitive receptor: C2387)
 DISCCART 406287.496810791 3759112.50352298 403.40 1.50
 ** receptor =B2429+1 (sensitive receptor: C2388)
 DISCCART 406287.496810791 3759062.5037003 396.90 1.50
 ** receptor =B2430+1 (sensitive receptor: C2389)
 DISCCART 406287.496810791 3759012.50387762 388.30 1.50
 ** receptor =B2431+1 (sensitive receptor: C2390)
 DISCCART 406287.496810791 3758962.50405494 380.50 1.50
 ** receptor =B2432+1 (sensitive receptor: C2391)
 DISCCART 406287.496810791 3758912.50423226 372.20 1.50
 ** receptor =B2433+1 (sensitive receptor: C2392)
 DISCCART 406287.496810791 3758862.50440957 363.70 1.50
 ** receptor =B2434+1 (sensitive receptor: C2393)
 DISCCART 406287.496810791 3758812.50458689 355.80 1.50
 ** receptor =B2435+1 (sensitive receptor: C2394)
 DISCCART 406287.496810791 3758762.50476421 349.20 1.50
 ** receptor =B2436+1 (sensitive receptor: C2395)
 DISCCART 406287.496810791 3758712.50494153 344.40 1.50
 ** receptor =B2437+1 (sensitive receptor: C2396)
 DISCCART 406287.496810791 3758662.50511885 341.10 1.50
 ** receptor =B2438+1 (sensitive receptor: C2397)
 DISCCART 406337.499610602 3759412.50245906 504.10 1.50
 ** receptor =B2439+1 (sensitive receptor: C2398)
 DISCCART 406337.499610602 3759362.50263638 490.60 1.50
 ** receptor =B2440+1 (sensitive receptor: C2399)
 DISCCART 406337.499610602 3759312.5028137 462.40 1.50
 ** receptor =B2441+1 (sensitive receptor: C2400)
 DISCCART 406337.499610602 3759262.50299102 444.40 1.50
 ** receptor =B2442+1 (sensitive receptor: C2401)
 DISCCART 406337.499610602 3759212.50316834 428.00 1.50
 ** receptor =B2443+1 (sensitive receptor: C2402)
 DISCCART 406337.499610602 3759162.50334566 417.80 1.50
 ** receptor =B2444+1 (sensitive receptor: C2403)
 DISCCART 406337.499610602 3759112.50352298 405.00 1.50
 ** receptor =B2445+1 (sensitive receptor: C2404)
 DISCCART 406337.499610602 3759062.5037003 396.90 1.50
 ** receptor =B2446+1 (sensitive receptor: C2405)
 DISCCART 406337.499610602 3759012.50387762 388.60 1.50
 ** receptor =B2447+1 (sensitive receptor: C2406)
 DISCCART 406337.499610602 3758962.50405494 378.80 1.50
 ** receptor =B2448+1 (sensitive receptor: C2407)
 DISCCART 406337.499610602 3758912.50423226 370.60 1.50
 ** receptor =B2449+1 (sensitive receptor: C2408)
 DISCCART 406337.499610602 3758862.50440957 362.70 1.50
 ** receptor =B2450+1 (sensitive receptor: C2409)
 DISCCART 406337.499610602 3758812.50458689 357.50 1.50
 ** receptor =B2451+1 (sensitive receptor: C2410)
 DISCCART 406337.499610602 3758762.50476421 351.00 1.50
 ** receptor =B2452+1 (sensitive receptor: C2411)
 DISCCART 406337.499610602 3758712.50494153 347.70 1.50
 ** receptor =B2453+1 (sensitive receptor: C2412)
 DISCCART 406337.499610602 3758662.50511885 347.00 1.50
 ** receptor =B2454+1 (sensitive receptor: C2413)
 DISCCART 406387.502410414 3759362.50263638 465.50 1.50
 ** receptor =B2455+1 (sensitive receptor: C2414)

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PM 24 hour Emissions unmitigated

DISCCART 406387.502410414 3759312.5028137 454.90 1.50
 ** receptor =B2456+1 (sensitive receptor: C2415)
 DISCCART 406387.502410414 3759262.50299102 440.70 1.50
 ** receptor =B2457+1 (sensitive receptor: C2416)
 DISCCART 406387.502410414 3759212.50316834 431.20 1.50
 ** receptor =B2458+1 (sensitive receptor: C2417)
 DISCCART 406387.502410414 3759162.50334566 418.10 1.50
 ** receptor =B2459+1 (sensitive receptor: C2418)
 DISCCART 406387.502410414 3759112.50352298 408.30 1.50
 ** receptor =B2460+1 (sensitive receptor: C2419)
 DISCCART 406387.502410414 3759062.5037003 400.20 1.50
 ** receptor =B2461+1 (sensitive receptor: C2420)
 DISCCART 406387.502410414 3759012.50387762 390.30 1.50
 ** receptor =B2462+1 (sensitive receptor: C2421)
 DISCCART 406387.502410414 3758962.50405494 381.70 1.50
 ** receptor =B2463+1 (sensitive receptor: C2422)
 DISCCART 406387.502410414 3758912.50423226 372.20 1.50
 ** receptor =B2464+1 (sensitive receptor: C2423)
 DISCCART 406387.502410414 3758862.50440957 359.10 1.50
 ** receptor =B2465+1 (sensitive receptor: C2424)
 DISCCART 406387.502410414 3758812.50458689 354.20 1.50
 ** receptor =B2466+1 (sensitive receptor: C2425)
 DISCCART 406387.502410414 3758762.50476421 354.20 1.50
 ** receptor =B2467+1 (sensitive receptor: C2426)
 DISCCART 406387.502410414 3758712.50494153 354.20 1.50
 ** receptor =B2468+1 (sensitive receptor: C2427)
 DISCCART 406387.502410414 3758662.50511885 353.50 1.50
 ** receptor =B2469+1 (sensitive receptor: C2428)
 DISCCART 406437.496964381 3759312.5028137 450.90 1.50
 ** receptor =B2470+1 (sensitive receptor: C2429)
 DISCCART 406437.496964381 3759262.50299102 443.10 1.50
 ** receptor =B2471+1 (sensitive receptor: C2430)
 DISCCART 406437.496964381 3759212.50316834 432.80 1.50
 ** receptor =B2472+1 (sensitive receptor: C2431)
 DISCCART 406437.496964381 3759162.50334566 418.10 1.50
 ** receptor =B2473+1 (sensitive receptor: C2432)
 DISCCART 406437.496964381 3759112.50352298 408.30 1.50
 ** receptor =B2474+1 (sensitive receptor: C2433)
 DISCCART 406437.496964381 3759062.5037003 398.40 1.50
 ** receptor =B2475+1 (sensitive receptor: C2434)
 DISCCART 406437.496964381 3759012.50387762 391.90 1.50
 ** receptor =B2476+1 (sensitive receptor: C2435)
 DISCCART 406437.496964381 3758962.50405494 383.80 1.50
 ** receptor =B2477+1 (sensitive receptor: C2436)
 DISCCART 406437.496964381 3758912.50423226 374.80 1.50
 ** receptor =B2478+1 (sensitive receptor: C2437)
 DISCCART 406437.496964381 3758862.50440957 358.70 1.50
 ** receptor =B2479+1 (sensitive receptor: C2438)
 DISCCART 406437.496964381 3758812.50458689 357.50 1.50
 ** receptor =B2480+1 (sensitive receptor: C2439)
 DISCCART 406437.496964381 3758762.50476421 357.50 1.50
 ** receptor =B2481+1 (sensitive receptor: C2440)
 DISCCART 406437.496964381 3758712.50494153 358.90 1.50
 ** receptor =B2482+1 (sensitive receptor: C2441)
 DISCCART 406437.496964381 3758662.50511885 357.50 1.50
 ** receptor =B2483+1 (sensitive receptor: C2442)
 DISCCART 406487.499764192 3759312.5028137 453.90 1.50
 ** receptor =B2484+1 (sensitive receptor: C2443)
 DISCCART 406487.499764192 3759262.50299102 444.40 1.50
 ** receptor =B2485+1 (sensitive receptor: C2444)
 DISCCART 406487.499764192 3759212.50316834 431.20 1.50
 ** receptor =B2486+1 (sensitive receptor: C2445)
 DISCCART 406487.499764192 3759162.50334566 416.90 1.50
 ** receptor =B2487+1 (sensitive receptor: C2446)
 DISCCART 406487.499764192 3759112.50352298 408.30 1.50
 ** receptor =B2488+1 (sensitive receptor: C2447)
 DISCCART 406487.499764192 3759062.5037003 399.80 1.50
 ** receptor =B2489+1 (sensitive receptor: C2448)
 DISCCART 406487.499764192 3759012.50387762 393.20 1.50
 ** receptor =B2490+1 (sensitive receptor: C2449)
 DISCCART 406487.499764192 3758962.50405494 385.30 1.50
 ** receptor =B2491+1 (sensitive receptor: C2450)
 DISCCART 406487.499764192 3758912.50423226 378.80 1.50
 ** receptor =B2492+1 (sensitive receptor: C2451)
 DISCCART 406487.499764192 3758862.50440957 367.00 1.50
 ** receptor =B2493+1 (sensitive receptor: C2452)

Appendix B

PM 24 hour Emissions unmitigated

DISCCART 406487.499764192 3758812.50458689 365.00 1.50
 ** receptor =B2494+1 (sensitive receptor: C2453)
 DISCCART 406487.499764192 3758762.50476421 367.40 1.50
 ** receptor =B2495+1 (sensitive receptor: C2454)
 DISCCART 406487.499764192 3758712.50494153 367.40 1.50
 ** receptor =B2496+1 (sensitive receptor: C2455)
 DISCCART 406487.499764192 3758662.50511885 364.10 1.50
 ** receptor =B2497+1 (sensitive receptor: C2456)
 DISCCART 406537.502564003 3759262.50299102 447.60 1.50
 ** receptor =B2498+1 (sensitive receptor: C2457)
 DISCCART 406537.502564003 3759212.50316834 434.50 1.50
 ** receptor =B2499+1 (sensitive receptor: C2458)
 DISCCART 406537.502564003 3759162.50334566 421.40 1.50
 ** receptor =B2500+1 (sensitive receptor: C2459)
 DISCCART 406537.502564003 3759112.50352298 412.90 1.50
 ** receptor =B2501+1 (sensitive receptor: C2460)
 DISCCART 406537.502564003 3759062.5037003 403.40 1.50
 ** receptor =B2502+1 (sensitive receptor: C2461)
 DISCCART 406537.502564003 3759012.50387762 396.50 1.50
 ** receptor =B2503+1 (sensitive receptor: C2462)
 DISCCART 406537.502564003 3758962.50405494 383.80 1.50
 ** receptor =B2504+1 (sensitive receptor: C2463)
 DISCCART 406537.502564003 3758912.50423226 377.20 1.50
 ** receptor =B2505+1 (sensitive receptor: C2464)
 DISCCART 406537.502564003 3758862.50440957 378.50 1.50
 ** receptor =B2506+1 (sensitive receptor: C2465)
 DISCCART 406537.502564003 3758812.50458689 380.10 1.50
 ** receptor =B2507+1 (sensitive receptor: C2466)
 DISCCART 406537.502564003 3758762.50476421 377.20 1.50
 ** receptor =B2508+1 (sensitive receptor: C2467)
 DISCCART 406537.502564003 3758712.50494153 373.90 1.50
 ** receptor =B2509+1 (sensitive receptor: C2468)
 DISCCART 406537.502564003 3758662.50511885 370.30 1.50
 ** receptor =B2510+1 (sensitive receptor: C2469)
 DISCCART 406587.49711797 3759212.50316834 442.40 1.50
 ** receptor =B2511+1 (sensitive receptor: C2470)
 DISCCART 406587.49711797 3759162.50334566 430.50 1.50
 ** receptor =B2512+1 (sensitive receptor: C2471)
 DISCCART 406587.49711797 3759112.50352298 417.80 1.50
 ** receptor =B2513+1 (sensitive receptor: C2472)
 DISCCART 406587.49711797 3759062.5037003 408.30 1.50
 ** receptor =B2514+1 (sensitive receptor: C2473)
 DISCCART 406587.49711797 3759012.50387762 398.40 1.50
 ** receptor =B2515+1 (sensitive receptor: C2474)
 DISCCART 406587.49711797 3758962.50405494 389.90 1.50
 ** receptor =B2516+1 (sensitive receptor: C2475)
 DISCCART 406587.49711797 3758912.50423226 389.60 1.50
 ** receptor =B2517+1 (sensitive receptor: C2476)
 DISCCART 406587.49711797 3758862.50440957 391.50 1.50
 ** receptor =B2518+1 (sensitive receptor: C2477)
 DISCCART 406587.49711797 3758812.50458689 387.00 1.50
 ** receptor =B2519+1 (sensitive receptor: C2478)
 DISCCART 406587.49711797 3758762.50476421 383.40 1.50
 ** receptor =B2520+1 (sensitive receptor: C2479)
 DISCCART 406587.49711797 3758712.50494153 380.10 1.50
 ** receptor =B2521+1 (sensitive receptor: C2480)
 DISCCART 406587.49711797 3758662.50511885 375.10 1.50
 ** receptor =B2522+1 (sensitive receptor: C2481)
 DISCCART 406587.49711797 3758612.50529617 367.40 1.50
 ** receptor =B2523+1 (sensitive receptor: C2482)
 DISCCART 406637.499917781 3759212.50316834 450.60 1.50
 ** receptor =B2524+1 (sensitive receptor: C2483)
 DISCCART 406637.499917781 3759162.50334566 437.80 1.50
 ** receptor =B2525+1 (sensitive receptor: C2484)
 DISCCART 406637.499917781 3759112.50352298 424.70 1.50
 ** receptor =B2526+1 (sensitive receptor: C2485)
 DISCCART 406637.499917781 3759062.5037003 414.80 1.50
 ** receptor =B2527+1 (sensitive receptor: C2486)
 DISCCART 406637.499917781 3759012.50387762 399.80 1.50
 ** receptor =B2528+1 (sensitive receptor: C2487)
 DISCCART 406637.499917781 3758962.50405494 403.10 1.50
 ** receptor =B2529+1 (sensitive receptor: C2488)
 DISCCART 406637.499917781 3758912.50423226 402.70 1.50
 ** receptor =B2530+1 (sensitive receptor: C2489)
 DISCCART 406637.499917781 3758862.50440957 399.80 1.50
 ** receptor =B2531+1 (sensitive receptor: C2490)

Appendix B

PM 24 hour Emissions unmitigated

DISCCART 406637.499917781 3758812.50458689 393.60 1.50
 ** receptor =B2532+1 (sensitive receptor: C2491)
 DISCCART 406637.499917781 3758762.50476421 387.00 1.50
 ** receptor =B2533+1 (sensitive receptor: C2492)
 DISCCART 406637.499917781 3758712.50494153 383.40 1.50
 ** receptor =B2534+1 (sensitive receptor: C2493)
 DISCCART 406637.499917781 3758662.50511885 372.60 1.50
 ** receptor =B2535+1 (sensitive receptor: C2494)
 DISCCART 406687.502717592 3759162.50334566 438.20 1.50
 ** receptor =B2536+1 (sensitive receptor: C2495)
 DISCCART 406687.502717592 3759112.50352298 419.80 1.50
 ** receptor =B2537+1 (sensitive receptor: C2496)
 DISCCART 406687.502717592 3759062.5037003 422.40 1.50
 ** receptor =B2538+1 (sensitive receptor: C2497)
 DISCCART 406687.502717592 3759012.50387762 417.60 1.50
 ** receptor =B2539+1 (sensitive receptor: C2498)
 DISCCART 406687.502717592 3758962.50405494 415.80 1.50
 ** receptor =B2540+1 (sensitive receptor: C2499)
 DISCCART 406687.502717592 3758912.50423226 411.60 1.50
 ** receptor =B2541+1 (sensitive receptor: C2500)
 DISCCART 406687.502717592 3758862.50440957 403.40 1.50
 ** receptor =B2542+1 (sensitive receptor: C2501)
 DISCCART 406687.502717592 3758762.50476421 387.00 1.50
 ** receptor =B2543+1 (sensitive receptor: C2502)
 DISCCART 406737.497271559 3759112.50352298 438.80 1.50
 ** receptor =B2544+1 (sensitive receptor: C2503)
 DISCCART 406737.497271559 3759062.5037003 447.90 1.50
 ** receptor =B2545+1 (sensitive receptor: C2504)
 DISCCART 406737.497271559 3759012.50387762 433.80 1.50
 ** receptor =B2546+1 (sensitive receptor: C2505)
 DISCCART 406737.497271559 3758962.50405494 424.70 1.50
 ** receptor =B2547+1 (sensitive receptor: C2506)
 DISCCART 406737.497271559 3758912.50423226 411.60 1.50
 ** receptor =B2548+1 (sensitive receptor: C2507)
 DISCCART 406737.497271559 3758662.50511885 386.30 1.50
 ** receptor =B2549+1 (sensitive receptor: C2508)
 DISCCART 406737.497271559 3758612.50529617 380.50 1.50
 ** receptor =B2550+1 (sensitive receptor: C2509)
 DISCCART 406787.50007137 3759012.50387762 442.30 1.50
 ** receptor =B2551+1 (sensitive receptor: C2510)
 DISCCART 406787.50007137 3758962.50405494 424.70 1.50
 ** receptor =B2552+1 (sensitive receptor: C2511)
 DISCCART 406787.50007137 3758712.50494153 395.80 1.50
 ** receptor =B2553+1 (sensitive receptor: C2512)
 DISCCART 406787.50007137 3758662.50511885 391.50 1.50
 ** receptor =B2554+1 (sensitive receptor: C2513)
 DISCCART 406787.50007137 3758612.50529617 379.80 1.50
 ** receptor =B2555+1 (sensitive receptor: C2514)
 DISCCART 406837.502871182 3758712.50494153 403.40 1.50
 ** receptor =B2556+1 (sensitive receptor: C2515)
 DISCCART 406837.502871182 3758662.50511885 395.20 1.50
 ** receptor =B2557+1 (sensitive receptor: C2516)
 DISCCART 406837.502871182 3758612.50529617 382.40 1.50
 ** receptor =B2558+1 (sensitive receptor: C2517)
 DISCCART 406887.497425149 3758762.50476421 411.20 1.50
 ** receptor =B2559+1 (sensitive receptor: C2518)
 DISCCART 406887.497425149 3758712.50494153 401.70 1.50
 ** receptor =B2560+1 (sensitive receptor: C2519)
 DISCCART 406887.497425149 3758662.50511885 391.90 1.50
 ** receptor =B2561+1 (sensitive receptor: C2520)
 DISCCART 406887.497425149 3758612.50529617 369.50 1.50
 ** receptor =B2562+1 (sensitive receptor: C2521)
 DISCCART 406937.50022496 3758762.50476421 411.60 1.50
 ** receptor =B2563+1 (sensitive receptor: C2522)
 DISCCART 406937.50022496 3758712.50494153 398.40 1.50
 ** receptor =B2564+1 (sensitive receptor: C2523)
 DISCCART 406937.50022496 3758662.50511885 385.70 1.50
 ** receptor =B2565+1 (sensitive receptor: C2524)
 DISCCART 406937.50022496 3758612.50529617 378.50 1.50
 ** receptor =B2566+1 (sensitive receptor: C2525)
 DISCCART 406987.503024771 3758712.50494153 399.80 1.50
 ** receptor =B2567+1 (sensitive receptor: C2526)
 DISCCART 406987.503024771 3758662.50511885 382.00 1.50
 ** receptor =B2568+1 (sensitive receptor: C2527)
 DISCCART 406987.503024771 3758612.50529617 381.80 1.50
 ** receptor =B2569+1 (sensitive receptor: C2528)

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DISCCART 407037.497578738 3758712.50494153 398.40 1.50
 ** receptor =B2570+1 (sensitive receptor: C2529)
 DISCCART 407037.497578738 3758662.50511885 377.50 1.50
 ** receptor =B2571+1 (sensitive receptor: C2530)
 DISCCART 407037.497578738 3758612.50529617 391.30 1.50
 ** receptor =B2572+1 (sensitive receptor: C2531)
 DISCCART 407087.500378549 3758662.50511885 382.80 1.50
 ** receptor =B2573+1 (sensitive receptor: C2532)
 DISCCART 407087.500378549 3758612.50529617 403.10 1.50
 ** receptor =B2574+1 (sensitive receptor: C2533)
 DISCCART 407137.50317836 3758662.50511885 404.40 1.50
 ** receptor =B2575+1 (sensitive receptor: C2534)
 DISCCART 407137.50317836 3758612.50529617 412.60 1.50
 ** receptor =B2576+1 (sensitive receptor: C2535)
 DISCCART 407187.497732327 3758662.50511885 426.00 1.50
 ** receptor =B2577+1 (sensitive receptor: C2536)
 DISCCART 407187.497732327 3758612.50529617 427.60 1.50
 ** receptor =B2578+1 (sensitive receptor: C2537)
 DISCCART 407237.500532139 3758662.50511885 442.10 1.50
 ** receptor =B2579+1 (sensitive receptor: C2538)
 DISCCART 407237.500532139 3758612.50529617 441.20 1.50
 ** receptor =B2580+1 (sensitive receptor: C2539)
 DISCCART 407287.50333195 3758662.50511885 458.50 1.50
 ** receptor =B2581+1 (sensitive receptor: C2540)
 DISCCART 407287.50333195 3758612.50529617 458.50 1.50
 ** receptor =B2582+1 (sensitive receptor: C2541)
 DISCCART 407337.497885917 3758662.50511885 474.90 1.50
 ** receptor =B2583+1 (sensitive receptor: C2542)
 DISCCART 407337.497885917 3758612.50529617 471.60 1.50
 ** receptor =B2584+1 (sensitive receptor: C2543)
 DISCCART 407387.500685728 3758662.50511885 491.30 1.50
 ** receptor =B2585+1 (sensitive receptor: C2544)
 DISCCART 407387.500685728 3758612.50529617 490.60 1.50
 ** receptor =B2586+1 (sensitive receptor: C2545)
 DISCCART 407437.495239695 3758662.50511885 504.40 1.50
 ** receptor =B2587+1 (sensitive receptor: C2546)
 DISCCART 407437.495239695 3758612.50529617 506.50 1.50
 ** receptor =B2588+1 (sensitive receptor: C2547)
 DISCCART 407487.498039506 3758662.50511885 500.10 1.50
 ** receptor =B2589+1 (sensitive receptor: C2548)
 DISCCART 407487.498039506 3758612.50529617 490.50 1.50
 ** receptor =B2590+1 (sensitive receptor: C2549)
 DISCCART 407537.500839317 3758662.50511885 0.00 1.50
 ** receptor =B2591+1 (sensitive receptor: C2550)
 DISCCART 407537.500839317 3758612.50529617 0.00 1.50
 ** receptor =B2592+1 (sensitive receptor: C2551)
 DISCCART 407587.495393284 3758662.50511885 0.00 1.50
 ** receptor =B2593+1 (sensitive receptor: C2552)
 DISCCART 407587.495393284 3758612.50529617 0.00 1.50
 ** receptor =B2594+1 (sensitive receptor: C2553)
 DISCCART 407637.498193095 3758612.50529617 0.00 1.50
 ** receptor =B2595+1 (sensitive receptor: C2554)
 DISCCART 407687.500992907 3758612.50529617 0.00 1.50
 ** receptor =B2596+1 (sensitive receptor: C2555)
 DISCCART 407737.495546874 3758612.50529617 0.00 1.50
 ** receptor =B2597+1 (sensitive receptor: C2556)
 DISCCART 407787.498346685 3758612.50529617 0.00 1.50
 ** receptor =B2598+1 (sensitive receptor: C2557)
 DISCCART 407837.501146496 3758612.50529617 0.00 1.50
 ** receptor =B2599+1 (sensitive receptor: C2558)
 DISCCART 407887.503946307 3758612.50529617 0.00 1.50
 ** receptor =B2600+1 (sensitive receptor: C2559)
 DISCCART 407937.498500274 3758612.50529617 0.00 1.50
 ** receptor =B2601+1 (sensitive receptor: C2560)
 DISCCART 407987.501300085 3758612.50529617 0.00 1.50
 ** receptor =B2602+1 (sensitive receptor: C2561)
 DISCCART 408037.495854052 3758612.50529617 0.00 1.50
 ** receptor =B2603+1 (sensitive receptor: C2562)
 DISCCART 408087.498653864 3758612.50529617 0.00 1.50
 ** receptor =B2604+1 (sensitive receptor: C2563)
 DISCCART 405987.496503612 3758612.50529617 311.60 1.50
 ** receptor =B2605+1 (sensitive receptor: C2564)
 DISCCART 406037.499303424 3758612.50529617 316.10 1.50
 ** receptor =B2606+1 (sensitive receptor: C2565)
 DISCCART 406087.502103235 3758612.50529617 319.70 1.50
 ** receptor =B2607+1 (sensitive receptor: C2566)

Appendix B

PM 24 hour Emissions unmitigated

** receptor	DISCCART	406137.496657202	3758612.50529617	322.70	1.50
	=B2608+1 (sensitive receptor: C2567)				
** receptor	DISCCART	406187.499457013	3758612.50529617	329.20	1.50
	=B2609+1 (sensitive receptor: C2568)				
** receptor	DISCCART	406237.502256824	3758612.50529617	334.60	1.50
	=B2610+1 (sensitive receptor: C2569)				
** receptor	DISCCART	406287.496810791	3758612.50529617	340.40	1.50
	=B2611+1 (sensitive receptor: C2570)				
** receptor	DISCCART	406337.499610602	3758612.50529617	344.40	1.50
	=B2612+1 (sensitive receptor: C2571)				
** receptor	DISCCART	406387.502410414	3758612.50529617	350.60	1.50
	=B2613+1 (sensitive receptor: C2572)				
** receptor	DISCCART	406437.496964381	3758612.50529617	356.80	1.50
	=B2614+1 (sensitive receptor: C2573)				
** receptor	DISCCART	406487.499764192	3758612.50529617	360.80	1.50
	=B2615+1 (sensitive receptor: C2574)				
** receptor	DISCCART	406512.501164097	3758562.50547349	358.00	1.50
	=B2616+1 (sensitive receptor: C2575)				
** receptor	DISCCART	406537.502564003	3758612.50529617	365.30	1.50
	=B2617+1 (sensitive receptor: C2576)				
** receptor	DISCCART	406562.495718064	3758562.50547349	360.80	1.50
	=B2618+1 (sensitive receptor: C2577)				
** receptor	DISCCART	406612.498517875	3758562.50547349	363.60	1.50
	=B2619+1 (sensitive receptor: C2578)				
** receptor	DISCCART	406662.501317687	3758562.50547349	360.80	1.50
	=B2620+1 (sensitive receptor: C2579)				
** receptor	DISCCART	406712.495871654	3758562.50547349	367.40	1.50
	=B2621+1 (sensitive receptor: C2580)				
** receptor	DISCCART	406762.498671465	3758562.50547349	367.30	1.50
	=B2622+1 (sensitive receptor: C2581)				
** receptor	DISCCART	406812.501471276	3758562.50547349	363.10	1.50
	=B2623+1 (sensitive receptor: C2582)				
** receptor	DISCCART	406862.496025243	3758562.50547349	360.20	1.50
	=B2624+1 (sensitive receptor: C2583)				
** receptor	DISCCART	406912.498825054	3758562.50547349	380.90	1.50
	=B2625+1 (sensitive receptor: C2584)				
** receptor	DISCCART	406962.501624865	3758562.50547349	387.50	1.50
	=B2626+1 (sensitive receptor: C2585)				
** receptor	DISCCART	407012.504424677	3758562.50547349	395.80	1.50
	=B2627+1 (sensitive receptor: C2586)				
** receptor	DISCCART	407062.498978644	3758562.50547349	402.20	1.50
	=B2628+1 (sensitive receptor: C2587)				
** receptor	DISCCART	407112.501778455	3758562.50547349	413.80	1.50
	=B2629+1 (sensitive receptor: C2588)				
** receptor	DISCCART	407162.496332422	3758562.50547349	417.00	1.50
	=B2630+1 (sensitive receptor: C2589)				
** receptor	DISCCART	407212.499132233	3758562.50547349	456.10	1.50
	=B2631+1 (sensitive receptor: C2590)				
** receptor	DISCCART	407262.501932044	3758562.50547349	458.60	1.50
	=B2632+1 (sensitive receptor: C2591)				
** receptor	DISCCART	407312.496486011	3758562.50547349	466.00	1.50
	=B2633+1 (sensitive receptor: C2592)				
** receptor	DISCCART	407362.499285822	3758562.50547349	479.80	1.50
	=B2634+1 (sensitive receptor: C2593)				
** receptor	DISCCART	407412.502085634	3758562.50547349	499.00	1.50
	=B2635+1 (sensitive receptor: C2594)				
** receptor	DISCCART	407462.4966396	3758562.50547349	515.80	1.50
	=B2636+1 (sensitive receptor: C2595)				
** receptor	DISCCART	407512.499439412	3758562.50547349	483.20	1.50
	=B2637+1 (sensitive receptor: C2596)				
** receptor	DISCCART	407562.502239223	3758562.50547349	0.00	1.50
	=B2638+1 (sensitive receptor: C2597)				
** receptor	DISCCART	407612.49679319	3758562.50547349	0.00	1.50
	=B2639+1 (sensitive receptor: C2598)				
** receptor	DISCCART	407662.499593001	3758562.50547349	0.00	1.50
	=B2640+1 (sensitive receptor: C2599)				
** receptor	DISCCART	407712.502392812	3758562.50547349	0.00	1.50
	=B2641+1 (sensitive receptor: C2600)				
** receptor	DISCCART	407762.496946779	3758562.50547349	0.00	1.50
	=B2642+1 (sensitive receptor: C2601)				
** receptor	DISCCART	407812.49974659	3758562.50547349	0.00	1.50
	=B2643+1 (sensitive receptor: C2602)				
** receptor	DISCCART	407862.502546402	3758562.50547349	0.00	1.50
	=B2644+1 (sensitive receptor: C2603)				
** receptor	DISCCART	407912.497100369	3758562.50547349	0.00	1.50
	=B2645+1 (sensitive receptor: C2604)				

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DISCCART 407962.49990018 3758562.50547349 0.00 1.50
 ** receptor =B2646+1 (sensitive receptor: C2605)
 DISCCART 408012.502699991 3758562.50547349 0.00 1.50
 ** receptor =B2647+1 (sensitive receptor: C2606)
 DISCCART 408062.497253958 3758562.50547349 0.00 1.50
 ** receptor =B2648+1 (sensitive receptor: C2607)
 DISCCART 408112.500053769 3758562.50547349 0.00 1.50
 ** receptor =B2649+1 (sensitive receptor: C2608)
 DISCCART 405987.496503612 3759987.50541887 748.50 1.50
 ** receptor =B2650+1 (sensitive receptor: C2609)
 DISCCART 405987.496503612 3759937.50559619 717.10 1.50
 ** receptor =B2651+1 (sensitive receptor: C2610)
 DISCCART 405987.496503612 3759887.50577351 696.60 1.50
 ** receptor =B2652+1 (sensitive receptor: C2611)
 DISCCART 405987.496503612 3759837.50595083 649.30 1.50
 ** receptor =B2653+1 (sensitive receptor: C2612)
 DISCCART 405987.496503612 3759787.50612815 627.20 1.50
 ** receptor =B2654+1 (sensitive receptor: C2613)
 DISCCART 405987.496503612 3759737.50630547 624.90 1.50
 ** receptor =B2655+1 (sensitive receptor: C2614)
 DISCCART 405987.496503612 3759687.50648279 554.20 1.50
 ** receptor =B2656+1 (sensitive receptor: C2615)
 DISCCART 405987.496503612 3759637.50666011 537.10 1.50
 ** receptor =B2657+1 (sensitive receptor: C2616)
 DISCCART 405987.496503612 3759587.50683743 524.10 1.50
 ** receptor =B2658+1 (sensitive receptor: C2617)
 DISCCART 405987.496503612 3759537.50701475 530.70 1.50
 ** receptor =B2659+1 (sensitive receptor: C2618)
 DISCCART 405987.496503612 3759487.50719207 531.40 1.50
 ** receptor =B2660+1 (sensitive receptor: C2619)
 DISCCART 405987.496503612 3759437.50736939 520.60 1.50
 ** receptor =B2661+1 (sensitive receptor: C2620)
 DISCCART 405987.496503612 3759387.49754874 488.50 1.50
 ** receptor =B2662+1 (sensitive receptor: C2621)
 DISCCART 405987.496503612 3759337.49772606 458.30 1.50
 ** receptor =B2663+1 (sensitive receptor: C2622)
 DISCCART 405987.496503612 3759287.49790338 426.30 1.50
 ** receptor =B2664+1 (sensitive receptor: C2623)
 DISCCART 405987.496503612 3759237.4980807 402.50 1.50
 ** receptor =B2665+1 (sensitive receptor: C2624)
 DISCCART 405987.496503612 3759187.49825802 377.30 1.50
 ** receptor =B2666+1 (sensitive receptor: C2625)
 DISCCART 405987.496503612 3759137.49843534 376.40 1.50
 ** receptor =B2667+1 (sensitive receptor: C2626)
 DISCCART 405987.496503612 3759087.49861266 367.30 1.50
 ** receptor =B2668+1 (sensitive receptor: C2627)
 DISCCART 405987.496503612 3759037.49878997 357.50 1.50
 ** receptor =B2669+1 (sensitive receptor: C2628)
 DISCCART 405987.496503612 3758987.49896729 357.50 1.50
 ** receptor =B2670+1 (sensitive receptor: C2629)
 DISCCART 405987.496503612 3758937.49914461 353.50 1.50
 ** receptor =B2671+1 (sensitive receptor: C2630)
 DISCCART 405987.496503612 3758887.49932193 344.40 1.50
 ** receptor =B2672+1 (sensitive receptor: C2631)
 DISCCART 405987.496503612 3758837.49949925 337.80 1.50
 ** receptor =B2673+1 (sensitive receptor: C2632)
 DISCCART 405987.496503612 3758787.49967657 331.30 1.50
 ** receptor =B2674+1 (sensitive receptor: C2633)
 DISCCART 405987.496503612 3758737.49985389 324.70 1.50
 ** receptor =B2675+1 (sensitive receptor: C2634)
 DISCCART 405987.496503612 3758687.50003121 320.70 1.50
 ** receptor =B2676+1 (sensitive receptor: C2635)
 DISCCART 406037.499303424 3759987.50541887 707.80 1.50
 ** receptor =B2677+1 (sensitive receptor: C2636)
 DISCCART 406037.499303424 3759837.50595083 631.60 1.50
 ** receptor =B2678+1 (sensitive receptor: C2637)
 DISCCART 406037.499303424 3759787.50612815 603.60 1.50
 ** receptor =B2679+1 (sensitive receptor: C2638)
 DISCCART 406037.499303424 3759737.50630547 590.00 1.50
 ** receptor =B2680+1 (sensitive receptor: C2639)
 DISCCART 406037.499303424 3759687.50648279 560.00 1.50
 ** receptor =B2681+1 (sensitive receptor: C2640)
 DISCCART 406037.499303424 3759637.50666011 538.60 1.50
 ** receptor =B2682+1 (sensitive receptor: C2641)
 DISCCART 406037.499303424 3759587.50683743 525.50 1.50
 ** receptor =B2683+1 (sensitive receptor: C2642)

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** receptor	DISCCART	406037.499303424	3759537.50701475	517.00	1.50
	=B2684+1 (sensitive receptor: C2643)				
** receptor	DISCCART	406037.499303424	3759487.50719207	480.40	1.50
	=B2685+1 (sensitive receptor: C2644)				
** receptor	DISCCART	406037.499303424	3759437.50736939	463.20	1.50
	=B2686+1 (sensitive receptor: C2645)				
** receptor	DISCCART	406037.499303424	3759387.49754874	457.20	1.50
	=B2687+1 (sensitive receptor: C2646)				
** receptor	DISCCART	406037.499303424	3759337.49772606	437.00	1.50
	=B2688+1 (sensitive receptor: C2647)				
** receptor	DISCCART	406037.499303424	3759287.49790338	417.80	1.50
	=B2689+1 (sensitive receptor: C2648)				
** receptor	DISCCART	406037.499303424	3759237.4980807	396.80	1.50
	=B2690+1 (sensitive receptor: C2649)				
** receptor	DISCCART	406037.499303424	3759187.49825802	387.00	1.50
	=B2691+1 (sensitive receptor: C2650)				
** receptor	DISCCART	406037.499303424	3759137.49843534	380.50	1.50
	=B2692+1 (sensitive receptor: C2651)				
** receptor	DISCCART	406037.499303424	3759087.49861266	373.90	1.50
	=B2693+1 (sensitive receptor: C2652)				
** receptor	DISCCART	406037.499303424	3759037.49878997	366.60	1.50
	=B2694+1 (sensitive receptor: C2653)				
** receptor	DISCCART	406037.499303424	3758987.49896729	364.10	1.50
	=B2695+1 (sensitive receptor: C2654)				
** receptor	DISCCART	406037.499303424	3758937.49914461	357.50	1.50
	=B2696+1 (sensitive receptor: C2655)				
** receptor	DISCCART	406037.499303424	3758887.49932193	350.20	1.50
	=B2697+1 (sensitive receptor: C2656)				
** receptor	DISCCART	406037.499303424	3758837.49949925	341.10	1.50
	=B2698+1 (sensitive receptor: C2657)				
** receptor	DISCCART	406037.499303424	3758787.49967657	337.10	1.50
	=B2699+1 (sensitive receptor: C2658)				
** receptor	DISCCART	406037.499303424	3758737.49985389	330.50	1.50
	=B2700+1 (sensitive receptor: C2659)				
** receptor	DISCCART	406037.499303424	3758687.50003121	321.40	1.50
	=B2701+1 (sensitive receptor: C2660)				
** receptor	DISCCART	406087.502103235	3759987.50541887	645.50	1.50
	=B2702+1 (sensitive receptor: C2661)				
** receptor	DISCCART	406087.502103235	3759837.50595083	514.80	1.50
	=B2703+1 (sensitive receptor: C2662)				
** receptor	DISCCART	406087.502103235	3759787.50612815	500.20	1.50
	=B2704+1 (sensitive receptor: C2663)				
** receptor	DISCCART	406087.502103235	3759737.50630547	496.30	1.50
	=B2705+1 (sensitive receptor: C2664)				
** receptor	DISCCART	406087.502103235	3759687.50648279	490.40	1.50
	=B2706+1 (sensitive receptor: C2665)				
** receptor	DISCCART	406087.502103235	3759637.50666011	490.40	1.50
	=B2707+1 (sensitive receptor: C2666)				
** receptor	DISCCART	406087.502103235	3759587.50683743	480.90	1.50
	=B2708+1 (sensitive receptor: C2667)				
** receptor	DISCCART	406087.502103235	3759537.50701475	465.80	1.50
	=B2709+1 (sensitive receptor: C2668)				
** receptor	DISCCART	406087.502103235	3759487.50719207	463.20	1.50
	=B2710+1 (sensitive receptor: C2669)				
** receptor	DISCCART	406087.502103235	3759437.50736939	435.10	1.50
	=B2711+1 (sensitive receptor: C2670)				
** receptor	DISCCART	406087.502103235	3759387.49754874	421.30	1.50
	=B2712+1 (sensitive receptor: C2671)				
** receptor	DISCCART	406087.502103235	3759337.49772606	416.60	1.50
	=B2713+1 (sensitive receptor: C2672)				
** receptor	DISCCART	406087.502103235	3759287.49790338	420.50	1.50
	=B2714+1 (sensitive receptor: C2673)				
** receptor	DISCCART	406087.502103235	3759237.4980807	396.90	1.50
	=B2715+1 (sensitive receptor: C2674)				
** receptor	DISCCART	406087.502103235	3759187.49825802	393.60	1.50
	=B2716+1 (sensitive receptor: C2675)				
** receptor	DISCCART	406087.502103235	3759137.49843534	387.00	1.50
	=B2717+1 (sensitive receptor: C2676)				
** receptor	DISCCART	406087.502103235	3759087.49861266	380.50	1.50
	=B2718+1 (sensitive receptor: C2677)				
** receptor	DISCCART	406087.502103235	3759037.49878997	373.90	1.50
	=B2719+1 (sensitive receptor: C2678)				
** receptor	DISCCART	406087.502103235	3758987.49896729	369.90	1.50
	=B2720+1 (sensitive receptor: C2679)				
** receptor	DISCCART	406087.502103235	3758937.49914461	360.80	1.50
	=B2721+1 (sensitive receptor: C2680)				

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** receptor	DISCCART	406087.502103235	3758887.49932193	356.70	1.50
** receptor	=B2722+1 (sensitive receptor: C2681)				
** receptor	DISCCART	406087.502103235	3758837.49949925	347.70	1.50
** receptor	=B2723+1 (sensitive receptor: C2682)				
** receptor	DISCCART	406087.502103235	3758787.49967657	341.10	1.50
** receptor	=B2724+1 (sensitive receptor: C2683)				
** receptor	DISCCART	406087.502103235	3758737.49985389	334.60	1.50
** receptor	=B2725+1 (sensitive receptor: C2684)				
** receptor	DISCCART	406087.502103235	3758687.50003121	328.00	1.50
** receptor	=B2726+1 (sensitive receptor: C2685)				
** receptor	DISCCART	406137.496657202	3759987.50541887	550.90	1.50
** receptor	=B2727+1 (sensitive receptor: C2686)				
** receptor	DISCCART	406137.496657202	3759837.50595083	488.60	1.50
** receptor	=B2728+1 (sensitive receptor: C2687)				
** receptor	DISCCART	406137.496657202	3759787.50612815	485.40	1.50
** receptor	=B2729+1 (sensitive receptor: C2688)				
** receptor	DISCCART	406137.496657202	3759737.50630547	484.00	1.50
** receptor	=B2730+1 (sensitive receptor: C2689)				
** receptor	DISCCART	406137.496657202	3759687.50648279	484.00	1.50
** receptor	=B2731+1 (sensitive receptor: C2690)				
** receptor	DISCCART	406137.496657202	3759637.50666011	471.50	1.50
** receptor	=B2732+1 (sensitive receptor: C2691)				
** receptor	DISCCART	406137.496657202	3759587.50683743	465.70	1.50
** receptor	=B2733+1 (sensitive receptor: C2692)				
** receptor	DISCCART	406137.496657202	3759537.50701475	457.10	1.50
** receptor	=B2734+1 (sensitive receptor: C2693)				
** receptor	DISCCART	406137.496657202	3759487.50719207	427.80	1.50
** receptor	=B2735+1 (sensitive receptor: C2694)				
** receptor	DISCCART	406137.496657202	3759437.50736939	429.00	1.50
** receptor	=B2736+1 (sensitive receptor: C2695)				
** receptor	DISCCART	406137.496657202	3759387.49754874	438.10	1.50
** receptor	=B2737+1 (sensitive receptor: C2696)				
** receptor	DISCCART	406137.496657202	3759337.49772606	434.90	1.50
** receptor	=B2738+1 (sensitive receptor: C2697)				
** receptor	DISCCART	406137.496657202	3759287.49790338	428.80	1.50
** receptor	=B2739+1 (sensitive receptor: C2698)				
** receptor	DISCCART	406137.496657202	3759237.4980807	409.90	1.50
** receptor	=B2740+1 (sensitive receptor: C2699)				
** receptor	DISCCART	406137.496657202	3759187.49825802	402.70	1.50
** receptor	=B2741+1 (sensitive receptor: C2700)				
** receptor	DISCCART	406137.496657202	3759137.49843534	393.60	1.50
** receptor	=B2742+1 (sensitive receptor: C2701)				
** receptor	DISCCART	406137.496657202	3759087.49861266	387.00	1.50
** receptor	=B2743+1 (sensitive receptor: C2702)				
** receptor	DISCCART	406137.496657202	3759037.49878997	380.50	1.50
** receptor	=B2744+1 (sensitive receptor: C2703)				
** receptor	DISCCART	406137.496657202	3758987.49896729	377.20	1.50
** receptor	=B2745+1 (sensitive receptor: C2704)				
** receptor	DISCCART	406137.496657202	3758937.49914461	369.90	1.50
** receptor	=B2746+1 (sensitive receptor: C2705)				
** receptor	DISCCART	406137.496657202	3758887.49932193	360.80	1.50
** receptor	=B2747+1 (sensitive receptor: C2706)				
** receptor	DISCCART	406137.496657202	3758837.49949925	354.20	1.50
** receptor	=B2748+1 (sensitive receptor: C2707)				
** receptor	DISCCART	406137.496657202	3758787.49967657	344.40	1.50
** receptor	=B2749+1 (sensitive receptor: C2708)				
** receptor	DISCCART	406137.496657202	3758737.49985389	337.80	1.50
** receptor	=B2750+1 (sensitive receptor: C2709)				
** receptor	DISCCART	406137.496657202	3758687.50003121	331.30	1.50
** receptor	=B2751+1 (sensitive receptor: C2710)				
** receptor	DISCCART	406187.499457013	3759437.50736939	487.20	1.50
** receptor	=B2752+1 (sensitive receptor: C2711)				
** receptor	DISCCART	406187.499457013	3759387.49754874	470.10	1.50
** receptor	=B2753+1 (sensitive receptor: C2712)				
** receptor	DISCCART	406187.499457013	3759337.49772606	462.50	1.50
** receptor	=B2754+1 (sensitive receptor: C2713)				
** receptor	DISCCART	406187.499457013	3759287.49790338	439.40	1.50
** receptor	=B2755+1 (sensitive receptor: C2714)				
** receptor	DISCCART	406187.499457013	3759237.4980807	416.60	1.50
** receptor	=B2756+1 (sensitive receptor: C2715)				
** receptor	DISCCART	406187.499457013	3759187.49825802	406.70	1.50
** receptor	=B2757+1 (sensitive receptor: C2716)				
** receptor	DISCCART	406187.499457013	3759137.49843534	400.10	1.50
** receptor	=B2758+1 (sensitive receptor: C2717)				
** receptor	DISCCART	406187.499457013	3759087.49861266	393.60	1.50
** receptor	=B2759+1 (sensitive receptor: C2718)				

Appendix B

PM 24 hour Emissions unmitigated

** DISCCART	406187.499457013	3759037.49878997	387.00	1.50
** receptor	=B2760+1 (sensitive receptor: C2719)			
** DISCCART	406187.499457013	3758987.49896729	383.00	1.50
** receptor	=B2761+1 (sensitive receptor: C2720)			
** DISCCART	406187.499457013	3758937.49914461	373.90	1.50
** receptor	=B2762+1 (sensitive receptor: C2721)			
** DISCCART	406187.499457013	3758887.49932193	366.60	1.50
** receptor	=B2763+1 (sensitive receptor: C2722)			
** DISCCART	406187.499457013	3758837.49949925	357.50	1.50
** receptor	=B2764+1 (sensitive receptor: C2723)			
** DISCCART	406187.499457013	3758787.49967657	347.70	1.50
** receptor	=B2765+1 (sensitive receptor: C2724)			
** DISCCART	406187.499457013	3758737.49985389	341.00	1.50
** receptor	=B2766+1 (sensitive receptor: C2725)			
** DISCCART	406187.499457013	3758687.50003121	334.60	1.50
** receptor	=B2767+1 (sensitive receptor: C2726)			
** DISCCART	406237.502256824	3759437.50736939	501.80	1.50
** receptor	=B2768+1 (sensitive receptor: C2727)			
** DISCCART	406237.502256824	3759387.49754874	482.80	1.50
** receptor	=B2769+1 (sensitive receptor: C2728)			
** DISCCART	406237.502256824	3759337.49772606	462.30	1.50
** receptor	=B2770+1 (sensitive receptor: C2729)			
** DISCCART	406237.502256824	3759287.49790338	446.00	1.50
** receptor	=B2771+1 (sensitive receptor: C2730)			
** DISCCART	406237.502256824	3759237.4980807	426.30	1.50
** receptor	=B2772+1 (sensitive receptor: C2731)			
** DISCCART	406237.502256824	3759187.49825802	413.30	1.50
** receptor	=B2773+1 (sensitive receptor: C2732)			
** DISCCART	406237.502256824	3759137.49843534	403.40	1.50
** receptor	=B2774+1 (sensitive receptor: C2733)			
** DISCCART	406237.502256824	3759087.49861266	399.40	1.50
** receptor	=B2775+1 (sensitive receptor: C2734)			
** DISCCART	406237.502256824	3759037.49878997	390.30	1.50
** receptor	=B2776+1 (sensitive receptor: C2735)			
** DISCCART	406237.502256824	3758987.49896729	383.80	1.50
** receptor	=B2777+1 (sensitive receptor: C2736)			
** DISCCART	406237.502256824	3758937.49914461	377.10	1.50
** receptor	=B2778+1 (sensitive receptor: C2737)			
** DISCCART	406237.502256824	3758887.49932193	367.40	1.50
** receptor	=B2779+1 (sensitive receptor: C2738)			
** DISCCART	406237.502256824	3758837.49949925	360.70	1.50
** receptor	=B2780+1 (sensitive receptor: C2739)			
** DISCCART	406237.502256824	3758787.49967657	350.90	1.50
** receptor	=B2781+1 (sensitive receptor: C2740)			
** DISCCART	406237.502256824	3758737.49985389	344.30	1.50
** receptor	=B2782+1 (sensitive receptor: C2741)			
** DISCCART	406237.502256824	3758687.50003121	337.80	1.50
** receptor	=B2783+1 (sensitive receptor: C2742)			
** DISCCART	406287.496810791	3759437.50736939	508.40	1.50
** receptor	=B2784+1 (sensitive receptor: C2743)			
** DISCCART	406287.496810791	3759387.49754874	501.00	1.50
** receptor	=B2785+1 (sensitive receptor: C2744)			
** DISCCART	406287.496810791	3759337.49772606	465.00	1.50
** receptor	=B2786+1 (sensitive receptor: C2745)			
** DISCCART	406287.496810791	3759287.49790338	449.30	1.50
** receptor	=B2787+1 (sensitive receptor: C2746)			
** DISCCART	406287.496810791	3759237.4980807	432.90	1.50
** receptor	=B2788+1 (sensitive receptor: C2747)			
** DISCCART	406287.496810791	3759187.49825802	416.60	1.50
** receptor	=B2789+1 (sensitive receptor: C2748)			
** DISCCART	406287.496810791	3759137.49843534	409.20	1.50
** receptor	=B2790+1 (sensitive receptor: C2749)			
** DISCCART	406287.496810791	3759087.49861266	400.20	1.50
** receptor	=B2791+1 (sensitive receptor: C2750)			
** DISCCART	406287.496810791	3759037.49878997	393.50	1.50
** receptor	=B2792+1 (sensitive receptor: C2751)			
** DISCCART	406287.496810791	3758987.49896729	383.70	1.50
** receptor	=B2793+1 (sensitive receptor: C2752)			
** DISCCART	406287.496810791	3758937.49914461	377.10	1.50
** receptor	=B2794+1 (sensitive receptor: C2753)			
** DISCCART	406287.496810791	3758887.49932193	367.40	1.50
** receptor	=B2795+1 (sensitive receptor: C2754)			
** DISCCART	406287.496810791	3758837.49949925	357.50	1.50
** receptor	=B2796+1 (sensitive receptor: C2755)			
** DISCCART	406287.496810791	3758787.49967657	354.20	1.50
** receptor	=B2797+1 (sensitive receptor: C2756)			

Appendix B

PM 24 hour Emissions unmitigated

** DISCCART	406287.496810791	3758737.49985389	346.90	1.50
** receptor	=B2798+1 (sensitive receptor: C2757)			
** DISCCART	406287.496810791	3758687.50003121	343.60	1.50
** receptor	=B2799+1 (sensitive receptor: C2758)			
** DISCCART	406337.499610602	3759437.50736939	508.30	1.50
** receptor	=B2800+1 (sensitive receptor: C2759)			
** DISCCART	406337.499610602	3759387.49754874	499.30	1.50
** receptor	=B2801+1 (sensitive receptor: C2760)			
** DISCCART	406337.499610602	3759337.49772606	475.40	1.50
** receptor	=B2802+1 (sensitive receptor: C2761)			
** DISCCART	406337.499610602	3759287.49790338	452.60	1.50
** receptor	=B2803+1 (sensitive receptor: C2762)			
** DISCCART	406337.499610602	3759237.4980807	436.20	1.50
** receptor	=B2804+1 (sensitive receptor: C2763)			
** DISCCART	406337.499610602	3759187.49825802	423.00	1.50
** receptor	=B2805+1 (sensitive receptor: C2764)			
** DISCCART	406337.499610602	3759137.49843534	412.50	1.50
** receptor	=B2806+1 (sensitive receptor: C2765)			
** DISCCART	406337.499610602	3759087.49861266	400.20	1.50
** receptor	=B2807+1 (sensitive receptor: C2766)			
** DISCCART	406337.499610602	3759037.49878997	393.60	1.50
** receptor	=B2808+1 (sensitive receptor: C2767)			
** DISCCART	406337.499610602	3758987.49896729	383.70	1.50
** receptor	=B2809+1 (sensitive receptor: C2768)			
** DISCCART	406337.499610602	3758937.49914461	373.90	1.50
** receptor	=B2810+1 (sensitive receptor: C2769)			
** DISCCART	406337.499610602	3758887.49932193	367.30	1.50
** receptor	=B2811+1 (sensitive receptor: C2770)			
** DISCCART	406337.499610602	3758837.49949925	358.20	1.50
** receptor	=B2812+1 (sensitive receptor: C2771)			
** DISCCART	406337.499610602	3758787.49967657	354.20	1.50
** receptor	=B2813+1 (sensitive receptor: C2772)			
** DISCCART	406337.499610602	3758737.49985389	350.20	1.50
** receptor	=B2814+1 (sensitive receptor: C2773)			
** DISCCART	406337.499610602	3758687.50003121	347.00	1.50
** receptor	=B2815+1 (sensitive receptor: C2774)			
** DISCCART	406387.502410414	3759337.49772606	459.10	1.50
** receptor	=B2816+1 (sensitive receptor: C2775)			
** DISCCART	406387.502410414	3759287.49790338	449.20	1.50
** receptor	=B2817+1 (sensitive receptor: C2776)			
** DISCCART	406387.502410414	3759237.4980807	436.20	1.50
** receptor	=B2818+1 (sensitive receptor: C2777)			
** DISCCART	406387.502410414	3759187.49825802	425.60	1.50
** receptor	=B2819+1 (sensitive receptor: C2778)			
** DISCCART	406387.502410414	3759137.49843534	413.20	1.50
** receptor	=B2820+1 (sensitive receptor: C2779)			
** DISCCART	406387.502410414	3759087.49861266	403.40	1.50
** receptor	=B2821+1 (sensitive receptor: C2780)			
** DISCCART	406387.502410414	3759037.49878997	393.60	1.50
** receptor	=B2822+1 (sensitive receptor: C2781)			
** DISCCART	406387.502410414	3758987.49896729	386.30	1.50
** receptor	=B2823+1 (sensitive receptor: C2782)			
** DISCCART	406387.502410414	3758937.49914461	377.10	1.50
** receptor	=B2824+1 (sensitive receptor: C2783)			
** DISCCART	406387.502410414	3758887.49932193	364.00	1.50
** receptor	=B2825+1 (sensitive receptor: C2784)			
** DISCCART	406387.502410414	3758837.49949925	357.50	1.50
** receptor	=B2826+1 (sensitive receptor: C2785)			
** DISCCART	406387.502410414	3758787.49967657	354.20	1.50
** receptor	=B2827+1 (sensitive receptor: C2786)			
** DISCCART	406387.502410414	3758737.49985389	354.20	1.50
** receptor	=B2828+1 (sensitive receptor: C2787)			
** DISCCART	406387.502410414	3758687.50003121	354.20	1.50
** receptor	=B2829+1 (sensitive receptor: C2788)			
** DISCCART	406437.496964381	3759337.49772606	455.80	1.50
** receptor	=B2830+1 (sensitive receptor: C2789)			
** DISCCART	406437.496964381	3759287.49790338	446.10	1.50
** receptor	=B2831+1 (sensitive receptor: C2790)			
** DISCCART	406437.496964381	3759237.4980807	439.50	1.50
** receptor	=B2832+1 (sensitive receptor: C2791)			
** DISCCART	406437.496964381	3759187.49825802	426.30	1.50
** receptor	=B2833+1 (sensitive receptor: C2792)			
** DISCCART	406437.496964381	3759137.49843534	413.20	1.50
** receptor	=B2834+1 (sensitive receptor: C2793)			
** DISCCART	406437.496964381	3759087.49861266	403.40	1.50
** receptor	=B2835+1 (sensitive receptor: C2794)			

Appendix B

PM 24 hour Emissions unmitigated

** receptor	DISCCART	406437.496964381	3759037.49878997	393.60	1.50
	=B2836+1 (sensitive receptor: C2795)				
** receptor	DISCCART	406437.496964381	3758987.49896729	387.00	1.50
	=B2837+1 (sensitive receptor: C2796)				
** receptor	DISCCART	406437.496964381	3758937.49914461	380.40	1.50
	=B2838+1 (sensitive receptor: C2797)				
** receptor	DISCCART	406437.496964381	3758887.49932193	366.50	1.50
	=B2839+1 (sensitive receptor: C2798)				
** receptor	DISCCART	406437.496964381	3758837.49949925	357.50	1.50
	=B2840+1 (sensitive receptor: C2799)				
** receptor	DISCCART	406437.496964381	3758787.49967657	357.50	1.50
	=B2841+1 (sensitive receptor: C2800)				
** receptor	DISCCART	406437.496964381	3758737.49985389	357.50	1.50
	=B2842+1 (sensitive receptor: C2801)				
** receptor	DISCCART	406437.496964381	3758687.50003121	360.80	1.50
	=B2843+1 (sensitive receptor: C2802)				
** receptor	DISCCART	406487.499764192	3759287.49790338	449.30	1.50
	=B2844+1 (sensitive receptor: C2803)				
** receptor	DISCCART	406487.499764192	3759237.4980807	439.40	1.50
	=B2845+1 (sensitive receptor: C2804)				
** receptor	DISCCART	406487.499764192	3759187.49825802	423.10	1.50
	=B2846+1 (sensitive receptor: C2805)				
** receptor	DISCCART	406487.499764192	3759137.49843534	413.30	1.50
	=B2847+1 (sensitive receptor: C2806)				
** receptor	DISCCART	406487.499764192	3759087.49861266	403.40	1.50
	=B2848+1 (sensitive receptor: C2807)				
** receptor	DISCCART	406487.499764192	3759037.49878997	396.10	1.50
	=B2849+1 (sensitive receptor: C2808)				
** receptor	DISCCART	406487.499764192	3758987.49896729	390.20	1.50
	=B2850+1 (sensitive receptor: C2809)				
** receptor	DISCCART	406487.499764192	3758937.49914461	383.00	1.50
	=B2851+1 (sensitive receptor: C2810)				
** receptor	DISCCART	406487.499764192	3758887.49932193	370.60	1.50
	=B2852+1 (sensitive receptor: C2811)				
** receptor	DISCCART	406487.499764192	3758837.49949925	366.60	1.50
	=B2853+1 (sensitive receptor: C2812)				
** receptor	DISCCART	406487.499764192	3758787.49967657	366.70	1.50
	=B2854+1 (sensitive receptor: C2813)				
** receptor	DISCCART	406487.499764192	3758737.49985389	367.40	1.50
	=B2855+1 (sensitive receptor: C2814)				
** receptor	DISCCART	406487.499764192	3758687.50003121	366.60	1.50
	=B2856+1 (sensitive receptor: C2815)				
** receptor	DISCCART	406537.502564003	3759237.4980807	439.50	1.50
	=B2857+1 (sensitive receptor: C2816)				
** receptor	DISCCART	406537.502564003	3759187.49825802	426.40	1.50
	=B2858+1 (sensitive receptor: C2817)				
** receptor	DISCCART	406537.502564003	3759137.49843534	416.50	1.50
	=B2859+1 (sensitive receptor: C2818)				
** receptor	DISCCART	406537.502564003	3759087.49861266	409.20	1.50
	=B2860+1 (sensitive receptor: C2819)				
** receptor	DISCCART	406537.502564003	3759037.49878997	400.10	1.50
	=B2861+1 (sensitive receptor: C2820)				
** receptor	DISCCART	406537.502564003	3758987.49896729	390.20	1.50
	=B2862+1 (sensitive receptor: C2821)				
** receptor	DISCCART	406537.502564003	3758937.49914461	380.40	1.50
	=B2863+1 (sensitive receptor: C2822)				
** receptor	DISCCART	406537.502564003	3758887.49932193	377.20	1.50
	=B2864+1 (sensitive receptor: C2823)				
** receptor	DISCCART	406537.502564003	3758837.49949925	380.50	1.50
	=B2865+1 (sensitive receptor: C2824)				
** receptor	DISCCART	406537.502564003	3758787.49967657	379.80	1.50
	=B2866+1 (sensitive receptor: C2825)				
** receptor	DISCCART	406537.502564003	3758737.49985389	376.40	1.50
	=B2867+1 (sensitive receptor: C2826)				
** receptor	DISCCART	406537.502564003	3758687.50003121	373.10	1.50
	=B2868+1 (sensitive receptor: C2827)				
** receptor	DISCCART	406587.49711797	3759237.4980807	448.60	1.50
	=B2869+1 (sensitive receptor: C2828)				
** receptor	DISCCART	406587.49711797	3759187.49825802	436.20	1.50
	=B2870+1 (sensitive receptor: C2829)				
** receptor	DISCCART	406587.49711797	3759137.49843534	423.10	1.50
	=B2871+1 (sensitive receptor: C2830)				
** receptor	DISCCART	406587.49711797	3759087.49861266	413.30	1.50
	=B2872+1 (sensitive receptor: C2831)				
** receptor	DISCCART	406587.49711797	3759037.49878997	403.40	1.50
	=B2873+1 (sensitive receptor: C2832)				

Appendix B

PM 24 hour Emissions unmitigated

DISCCART 406587.49711797 3758987.49896729 393.60 1.50
 ** receptor =B2874+1 (sensitive receptor: C2833)
 DISCCART 406587.49711797 3758937.49914461 389.60 1.50
 ** receptor =B2875+1 (sensitive receptor: C2834)
 DISCCART 406587.49711797 3758887.49932193 389.70 1.50
 ** receptor =B2876+1 (sensitive receptor: C2835)
 DISCCART 406587.49711797 3758837.49949925 389.60 1.50
 ** receptor =B2877+1 (sensitive receptor: C2836)
 DISCCART 406587.49711797 3758787.49967657 386.30 1.50
 ** receptor =B2878+1 (sensitive receptor: C2837)
 DISCCART 406587.49711797 3758737.49985389 380.50 1.50
 ** receptor =B2879+1 (sensitive receptor: C2838)
 DISCCART 406587.49711797 3758687.50003121 377.20 1.50
 ** receptor =B2880+1 (sensitive receptor: C2839)
 DISCCART 406587.49711797 3758637.50020853 370.60 1.50
 ** receptor =B2881+1 (sensitive receptor: C2840)
 DISCCART 406637.499917781 3759187.49825802 442.80 1.50
 ** receptor =B2882+1 (sensitive receptor: C2841)
 DISCCART 406637.499917781 3759137.49843534 429.60 1.50
 ** receptor =B2883+1 (sensitive receptor: C2842)
 DISCCART 406637.499917781 3759087.49861266 419.80 1.50
 ** receptor =B2884+1 (sensitive receptor: C2843)
 DISCCART 406637.499917781 3759037.49878997 403.40 1.50
 ** receptor =B2885+1 (sensitive receptor: C2844)
 DISCCART 406637.499917781 3758987.49896729 400.20 1.50
 ** receptor =B2886+1 (sensitive receptor: C2845)
 DISCCART 406637.499917781 3758937.49914461 402.70 1.50
 ** receptor =B2887+1 (sensitive receptor: C2846)
 DISCCART 406637.499917781 3758887.49932193 402.70 1.50
 ** receptor =B2888+1 (sensitive receptor: C2847)
 DISCCART 406637.499917781 3758837.49949925 396.90 1.50
 ** receptor =B2889+1 (sensitive receptor: C2848)
 DISCCART 406637.499917781 3758787.49967657 390.30 1.50
 ** receptor =B2890+1 (sensitive receptor: C2849)
 DISCCART 406637.499917781 3758737.49985389 383.80 1.50
 ** receptor =B2891+1 (sensitive receptor: C2850)
 DISCCART 406637.499917781 3758687.50003121 380.40 1.50
 ** receptor =B2892+1 (sensitive receptor: C2851)
 DISCCART 406687.502717592 3759137.49843534 429.60 1.50
 ** receptor =B2893+1 (sensitive receptor: C2852)
 DISCCART 406687.502717592 3759087.49861266 419.90 1.50
 ** receptor =B2894+1 (sensitive receptor: C2853)
 DISCCART 406687.502717592 3759037.49878997 416.60 1.50
 ** receptor =B2895+1 (sensitive receptor: C2854)
 DISCCART 406687.502717592 3758987.49896729 416.50 1.50
 ** receptor =B2896+1 (sensitive receptor: C2855)
 DISCCART 406687.502717592 3758937.49914461 415.80 1.50
 ** receptor =B2897+1 (sensitive receptor: C2856)
 DISCCART 406687.502717592 3758887.49932193 406.60 1.50
 ** receptor =B2898+1 (sensitive receptor: C2857)
 DISCCART 406687.502717592 3758837.49949925 400.10 1.50
 ** receptor =B2899+1 (sensitive receptor: C2858)
 DISCCART 406687.502717592 3758737.49985389 383.80 1.50
 ** receptor =B2900+1 (sensitive receptor: C2859)
 DISCCART 406737.497271559 3759137.49843534 438.80 1.50
 ** receptor =B2901+1 (sensitive receptor: C2860)
 DISCCART 406737.497271559 3759037.49878997 438.70 1.50
 ** receptor =B2902+1 (sensitive receptor: C2861)
 DISCCART 406737.497271559 3758987.49896729 429.60 1.50
 ** receptor =B2903+1 (sensitive receptor: C2862)
 DISCCART 406737.497271559 3758937.49914461 417.30 1.50
 ** receptor =B2904+1 (sensitive receptor: C2863)
 DISCCART 406737.497271559 3758637.50020853 383.70 1.50
 ** receptor =B2905+1 (sensitive receptor: C2864)
 DISCCART 406787.50007137 3759037.49878997 455.10 1.50
 ** receptor =B2906+1 (sensitive receptor: C2865)
 DISCCART 406787.50007137 3758987.49896729 432.90 1.50
 ** receptor =B2907+1 (sensitive receptor: C2866)
 DISCCART 406787.50007137 3758937.49914461 416.60 1.50
 ** receptor =B2908+1 (sensitive receptor: C2867)
 DISCCART 406787.50007137 3758687.50003121 393.60 1.50
 ** receptor =B2909+1 (sensitive receptor: C2868)
 DISCCART 406787.50007137 3758637.50020853 380.50 1.50
 ** receptor =B2910+1 (sensitive receptor: C2869)
 DISCCART 406837.502871182 3758737.49985389 406.60 1.50
 ** receptor =B2911+1 (sensitive receptor: C2870)

Appendix B

PM 24 hour Emissions unmitigated

** receptor	DISCCART	406837.502871182	3758687.50003121	400.10	1.50
	=B2912+1 (sensitive receptor: C2871)				
** receptor	DISCCART	406837.502871182	3758637.50020853	387.00	1.50
	=B2913+1 (sensitive receptor: C2872)				
** receptor	DISCCART	406887.497425149	3758787.49967657	415.80	1.50
	=B2914+1 (sensitive receptor: C2873)				
** receptor	DISCCART	406887.497425149	3758737.49985389	406.60	1.50
	=B2915+1 (sensitive receptor: C2874)				
** receptor	DISCCART	406887.497425149	3758687.50003121	396.80	1.50
	=B2916+1 (sensitive receptor: C2875)				
** receptor	DISCCART	406887.497425149	3758637.50020853	383.70	1.50
	=B2917+1 (sensitive receptor: C2876)				
** receptor	DISCCART	406937.50022496	3758737.49985389	403.40	1.50
	=B2918+1 (sensitive receptor: C2877)				
** receptor	DISCCART	406937.50022496	3758687.50003121	393.50	1.50
	=B2919+1 (sensitive receptor: C2878)				
** receptor	DISCCART	406937.50022496	3758637.50020853	380.40	1.50
	=B2920+1 (sensitive receptor: C2879)				
** receptor	DISCCART	406987.503024771	3758737.49985389	403.40	1.50
	=B2921+1 (sensitive receptor: C2880)				
** receptor	DISCCART	406987.503024771	3758687.50003121	393.40	1.50
	=B2922+1 (sensitive receptor: C2881)				
** receptor	DISCCART	406987.503024771	3758637.50020853	377.30	1.50
	=B2923+1 (sensitive receptor: C2882)				
** receptor	DISCCART	407037.497578738	3758687.50003121	387.60	1.50
	=B2924+1 (sensitive receptor: C2883)				
** receptor	DISCCART	407037.497578738	3758637.50020853	380.60	1.50
	=B2925+1 (sensitive receptor: C2884)				
** receptor	DISCCART	407087.500378549	3758637.50020853	400.20	1.50
	=B2926+1 (sensitive receptor: C2885)				
** receptor	DISCCART	407137.50317836	3758637.50020853	409.40	1.50
	=B2927+1 (sensitive receptor: C2886)				
** receptor	DISCCART	407187.497732327	3758637.50020853	422.40	1.50
	=B2928+1 (sensitive receptor: C2887)				
** receptor	DISCCART	407237.500532139	3758637.50020853	438.80	1.50
	=B2929+1 (sensitive receptor: C2888)				
** receptor	DISCCART	407287.50333195	3758637.50020853	458.50	1.50
	=B2930+1 (sensitive receptor: C2889)				
** receptor	DISCCART	407337.497885917	3758637.50020853	474.90	1.50
	=B2931+1 (sensitive receptor: C2890)				
** receptor	DISCCART	407387.500685728	3758637.50020853	490.60	1.50
	=B2932+1 (sensitive receptor: C2891)				
** receptor	DISCCART	407437.495239695	3758637.50020853	505.10	1.50
	=B2933+1 (sensitive receptor: C2892)				
** receptor	DISCCART	407487.498039506	3758637.50020853	490.20	1.50
	=B2934+1 (sensitive receptor: C2893)				
** receptor	DISCCART	407537.500839317	3758637.50020853	0.00	1.50
	=B2935+1 (sensitive receptor: C2894)				
** receptor	DISCCART	407587.495393284	3758637.50020853	0.00	1.50
	=B2936+1 (sensitive receptor: C2895)				
** receptor	DISCCART	407637.498193095	3758637.50020853	0.00	1.50
	=B2937+1 (sensitive receptor: C2896)				
** receptor	DISCCART	407687.500992907	3758637.50020853	0.00	1.50
	=B2938+1 (sensitive receptor: C2897)				
** receptor	DISCCART	407737.495546874	3758637.50020853	0.00	1.50
	=B2939+1 (sensitive receptor: C2898)				
** receptor	DISCCART	407787.498346685	3758637.50020853	0.00	1.50
	=B2940+1 (sensitive receptor: C2899)				
** receptor	DISCCART	407837.501146496	3758637.50020853	0.00	1.50
	=B2941+1 (sensitive receptor: C2900)				
** receptor	DISCCART	407887.503946307	3758637.50020853	0.00	1.50
	=B2942+1 (sensitive receptor: C2901)				
** receptor	DISCCART	407937.498500274	3758637.50020853	0.00	1.50
	=B2943+1 (sensitive receptor: C2902)				
** receptor	DISCCART	407987.501300085	3758637.50020853	0.00	1.50
	=B2944+1 (sensitive receptor: C2903)				
** receptor	DISCCART	408037.495854052	3758637.50020853	0.00	1.50
	=B2945+1 (sensitive receptor: C2904)				
** receptor	DISCCART	408087.498653864	3758637.50020853	0.00	1.50
	=B2946+1 (sensitive receptor: C2905)				
** receptor	DISCCART	405987.496503612	3758637.50020853	314.90	1.50
	=B2947+1 (sensitive receptor: C2906)				
** receptor	DISCCART	405987.496503612	3758587.50038585	310.80	1.50
	=B2948+1 (sensitive receptor: C2907)				
** receptor	DISCCART	406037.499303424	3758637.50020853	318.20	1.50
	=B2949+1 (sensitive receptor: C2908)				

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PM 24 hour Emissions unmitigated

** receptor	DISCCART	406037.499303424	3758587.50038585	314.10	1.50
	=B2950+1 (sensitive receptor: C2909)				
** receptor	DISCCART	406087.502103235	3758637.50020853	321.40	1.50
	=B2951+1 (sensitive receptor: C2910)				
** receptor	DISCCART	406087.502103235	3758587.50038585	318.10	1.50
	=B2952+1 (sensitive receptor: C2911)				
** receptor	DISCCART	406137.496657202	3758637.50020853	324.70	1.50
	=B2953+1 (sensitive receptor: C2912)				
** receptor	DISCCART	406137.496657202	3758587.50038585	321.40	1.50
	=B2954+1 (sensitive receptor: C2913)				
** receptor	DISCCART	406187.499457013	3758637.50020853	331.30	1.50
	=B2955+1 (sensitive receptor: C2914)				
** receptor	DISCCART	406187.499457013	3758587.50038585	327.30	1.50
	=B2956+1 (sensitive receptor: C2915)				
** receptor	DISCCART	406237.502256824	3758637.50020853	334.60	1.50
	=B2957+1 (sensitive receptor: C2916)				
** receptor	DISCCART	406237.502256824	3758587.50038585	333.80	1.50
	=B2958+1 (sensitive receptor: C2917)				
** receptor	DISCCART	406287.496810791	3758637.50020853	340.40	1.50
	=B2959+1 (sensitive receptor: C2918)				
** receptor	DISCCART	406287.496810791	3758587.50038585	340.40	1.50
	=B2960+1 (sensitive receptor: C2919)				
** receptor	DISCCART	406337.499610602	3758637.50020853	344.40	1.50
	=B2961+1 (sensitive receptor: C2920)				
** receptor	DISCCART	406337.499610602	3758587.50038585	344.40	1.50
	=B2962+1 (sensitive receptor: C2921)				
** receptor	DISCCART	406387.502410414	3758637.50020853	351.00	1.50
	=B2963+1 (sensitive receptor: C2922)				
** receptor	DISCCART	406387.502410414	3758587.50038585	347.70	1.50
	=B2964+1 (sensitive receptor: C2923)				
** receptor	DISCCART	406437.496964381	3758637.50020853	357.50	1.50
	=B2965+1 (sensitive receptor: C2924)				
** receptor	DISCCART	406437.496964381	3758587.50038585	354.20	1.50
	=B2966+1 (sensitive receptor: C2925)				
** receptor	DISCCART	406487.499764192	3758637.50020853	363.30	1.50
	=B2967+1 (sensitive receptor: C2926)				
** receptor	DISCCART	406487.499764192	3758587.50038585	357.50	1.50
	=B2968+1 (sensitive receptor: C2927)				
** receptor	DISCCART	406537.502564003	3758637.50020853	367.40	1.50
	=B2969+1 (sensitive receptor: C2928)				
** receptor	DISCCART	406537.502564003	3758587.50038585	363.30	1.50
	=B2970+1 (sensitive receptor: C2929)				
** receptor	DISCCART	406587.49711797	3758587.50038585	364.10	1.50
	=B2971+1 (sensitive receptor: C2930)				
** receptor	DISCCART	406737.497271559	3758587.50038585	373.80	1.50
	=B2972+1 (sensitive receptor: C2931)				
** receptor	DISCCART	406787.50007137	3758587.50038585	379.70	1.50
	=B2973+1 (sensitive receptor: C2932)				
** receptor	DISCCART	406837.502871182	3758587.50038585	371.10	1.50
	=B2974+1 (sensitive receptor: C2933)				
** receptor	DISCCART	406887.497425149	3758587.50038585	354.40	1.50
	=B2975+1 (sensitive receptor: C2934)				
** receptor	DISCCART	406937.50022496	3758587.50038585	380.60	1.50
	=B2976+1 (sensitive receptor: C2935)				
** receptor	DISCCART	406987.503024771	3758587.50038585	387.10	1.50
	=B2977+1 (sensitive receptor: C2936)				
** receptor	DISCCART	407037.497578738	3758587.50038585	399.50	1.50
	=B2978+1 (sensitive receptor: C2937)				
** receptor	DISCCART	407087.500378549	3758587.50038585	403.50	1.50
	=B2979+1 (sensitive receptor: C2938)				
** receptor	DISCCART	407137.50317836	3758587.50038585	413.30	1.50
	=B2980+1 (sensitive receptor: C2939)				
** receptor	DISCCART	407187.497732327	3758587.50038585	435.20	1.50
	=B2981+1 (sensitive receptor: C2940)				
** receptor	DISCCART	407237.500532139	3758587.50038585	451.90	1.50
	=B2982+1 (sensitive receptor: C2941)				
** receptor	DISCCART	407287.50333195	3758587.50038585	456.00	1.50
	=B2983+1 (sensitive receptor: C2942)				
** receptor	DISCCART	407337.497885917	3758587.50038585	471.70	1.50
	=B2984+1 (sensitive receptor: C2943)				
** receptor	DISCCART	407387.500685728	3758587.50038585	493.10	1.50
	=B2985+1 (sensitive receptor: C2944)				
** receptor	DISCCART	407437.495239695	3758587.50038585	507.70	1.50
	=B2986+1 (sensitive receptor: C2945)				
** receptor	DISCCART	407487.498039506	3758587.50038585	496.70	1.50
	=B2987+1 (sensitive receptor: C2946)				

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** DISCCART	407537.500839317	3758587.50038585	0.00	1.50
** receptor	=B2988+1 (sensitive receptor: C2947)			
** DISCCART	407587.495393284	3758587.50038585	0.00	1.50
** receptor	=B2989+1 (sensitive receptor: C2948)			
** DISCCART	407637.498193095	3758587.50038585	0.00	1.50
** receptor	=B2990+1 (sensitive receptor: C2949)			
** DISCCART	407687.500992907	3758587.50038585	0.00	1.50
** receptor	=B2991+1 (sensitive receptor: C2950)			
** DISCCART	407737.495546874	3758587.50038585	0.00	1.50
** receptor	=B2992+1 (sensitive receptor: C2951)			
** DISCCART	407787.498346685	3758587.50038585	0.00	1.50
** receptor	=B2993+1 (sensitive receptor: C2952)			
** DISCCART	407837.501146496	3758587.50038585	0.00	1.50
** receptor	=B2994+1 (sensitive receptor: C2953)			
** DISCCART	407887.503946307	3758587.50038585	0.00	1.50
** receptor	=B2995+1 (sensitive receptor: C2954)			
** DISCCART	407937.498500274	3758587.50038585	0.00	1.50
** receptor	=B2996+1 (sensitive receptor: C2955)			
** DISCCART	407987.501300085	3758587.50038585	0.00	1.50
** receptor	=B2997+1 (sensitive receptor: C2956)			
** DISCCART	408037.495854052	3758587.50038585	0.00	1.50
** receptor	=B2998+1 (sensitive receptor: C2957)			
** DISCCART	408087.498653864	3758587.50038585	0.00	1.50
** CENSUS BLOCK RECEPTORS				
** receptor	CE001 (census block: BLK408506021)			
** DISCCART	408749.806007506	3760427.54857406	0.00	0.00
** receptor	CE002 (census block: BLK408506022)			
** DISCCART	408576.447507959	3760430.48997928	0.00	0.00
** receptor	CE003 (census block: BLK408506023)			
** DISCCART	408341.802356354	3760655.27152249	0.00	0.00
** receptor	CE004 (census block: BLK408506024)			
** DISCCART	408422.133849846	3760726.40898221	0.00	0.00
** receptor	CE005 (census block: BLK408506025)			
** DISCCART	408512.511209633	3760597.35762377	0.00	0.00
** receptor	CE006 (census block: BLK408506026)			
** DISCCART	408737.147770783	3760284.26416171	0.00	0.00
** receptor	CE007 (census block: BLK500204000)			
** DISCCART	407589.230892095	3757492.83437839	0.00	0.00
** receptor	CE008 (census block: BLK500205000)			
** DISCCART	406297.845135922	3757662.03464915	285.40	0.00
** receptor	CE009 (census block: BLK500205002)			
** DISCCART	406584.226588385	3757389.73804016	259.10	0.00
** receptor	CE010 (census block: BLK500206000)			
** DISCCART	407118.838102641	3757983.49210563	374.60	0.00
** receptor	CE011 (census block: BLK500206001)			
** DISCCART	406874.273114441	3758349.69729429	380.50	0.00
** receptor	CE012 (census block: BLK500206002)			
** DISCCART	406620.194570995	3758320.89375412	351.20	0.00
** receptor	CE013 (census block: BLK500206003)			
** DISCCART	406622.538542243	3757771.77868935	308.70	0.00
** receptor	CE014 (census block: BLK500206004)			
** DISCCART	406913.04327271	3757488.0297645	284.30	0.00
** receptor	CE015 (census block: BLK500206005)			
** DISCCART	406700.61374404	3757538.34383004	285.70	0.00
** receptor	CE016 (census block: BLK500206006)			
** DISCCART	407066.218777817	3757290.66451125	282.70	0.00
** receptor	CE017 (census block: BLK500206007)			
** DISCCART	407127.283156841	3757406.39871061	301.70	0.00
** receptor	CE018 (census block: BLK500211003)			
** DISCCART	408971.490403303	3759219.36440925	0.00	0.00
** receptor	CE019 (census block: BLK500211005)			
** DISCCART	408922.461109132	3758958.82823152	0.00	0.00
** receptor	CE020 (census block: BLK500211006)			
** DISCCART	408826.497851097	3758875.99205586	0.00	0.00
** receptor	CE021 (census block: BLK500211007)			
** DISCCART	409072.446211828	3758868.12882921	0.00	0.00
** receptor	CE022 (census block: BLK500211009)			
** DISCCART	408994.970734935	3758728.42800494	0.00	0.00
** receptor	CE023 (census block: BLK500211010)			
** DISCCART	408227.331322753	3758224.39308564	0.00	0.00
** receptor	CE024 (census block: BLK500211011)			
** DISCCART	408139.692864938	3758492.59557442	0.00	0.00
** receptor	CE025 (census block: BLK500211012)			
** DISCCART	408581.968092922	3758154.12672608	0.00	0.00

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** receptor	CE026 (census block: BLK500211014)			
DISCCART	408461.584808023	3758025.84274235	0.00	0.00
** receptor	CE027 (census block: BLK500211016)			
DISCCART	407729.400128099	3758130.66335171	0.00	0.00
** receptor	CE028 (census block: BLK500211017)			
DISCCART	407645.410164862	3757976.23037572	0.00	0.00
** receptor	CE029 (census block: BLK500211018)			
DISCCART	407482.906231318	3757723.57574838	429.40	0.00
** receptor	CE030 (census block: BLK501602000)			
DISCCART	405320.372409447	3759819.90359013	397.10	0.00
** receptor	CE031 (census block: BLK501603000)			
DISCCART	405904.105071521	3759261.60693193	408.60	0.00
** receptor	CE032 (census block: BLK501603001)			
DISCCART	405691.519376126	3759433.35673872	446.10	0.00
** receptor	CE033 (census block: BLK501603002)			
DISCCART	405617.361162259	3759631.22815867	541.60	0.00
** receptor	CE034 (census block: BLK501603003)			
DISCCART	405524.653957262	3759523.85635574	432.00	0.00
** receptor	CE035 (census block: BLK501603004)			
DISCCART	405402.384335292	3759491.65726032	423.30	0.00
** receptor	CE036 (census block: BLK501603005)			
DISCCART	405646.010602342	3759322.97573433	394.10	0.00
** receptor	CE037 (census block: BLK501603006)			
DISCCART	405616.324715491	3759173.51836785	344.40	0.00
** receptor	CE038 (census block: BLK501603007)			
DISCCART	405512.622295278	3759095.02231357	321.40	0.00
** receptor	CE039 (census block: BLK501603008)			
DISCCART	405377.460981122	3759043.06949407	311.60	0.00
** receptor	CE040 (census block: BLK501603009)			
DISCCART	405466.316435546	3758975.76639931	308.30	0.00
** receptor	CE041 (census block: BLK501603010)			
DISCCART	405527.847444175	3758925.23486247	308.30	0.00
** receptor	CE042 (census block: BLK501604000)			
DISCCART	406550.621988931	3758915.09035494	380.50	0.00
** receptor	CE043 (census block: BLK501604001)			
DISCCART	406480.474429338	3759093.03218777	403.40	0.00
** receptor	CE044 (census block: BLK501604002)			
DISCCART	406259.70283558	3759222.54652611	424.70	0.00
** receptor	CE045 (census block: BLK501604003)			
DISCCART	406195.819017176	3759106.84555469	396.80	0.00
** receptor	CE046 (census block: BLK501604004)			
DISCCART	406070.236447137	3759025.17598326	370.80	0.00
** receptor	CE047 (census block: BLK501604005)			
DISCCART	405757.637016656	3758922.94604871	332.60	0.00
** receptor	CE048 (census block: BLK501604006)			
DISCCART	405844.377372919	3758855.24464319	330.80	0.00
** receptor	CE049 (census block: BLK501604007)			
DISCCART	406318.111493656	3758856.0474567	363.50	0.00
** receptor	CE050 (census block: BLK501604008)			
DISCCART	406403.525988595	3759010.45523479	390.70	0.00
** receptor	CE051 (census block: BLK501609006)			
DISCCART	406352	3759038.6	393.70	0.00
** receptor	CE052 (census block: BLK501609007)			
DISCCART	406045.007458668	3760461.19387418	629.80	0.00
** receptor	CE053 (census block: BLK501609021)			
DISCCART	407358.288904366	3758534.46922479	485.40	0.00
** receptor	CE054 (census block: BLK501609022)			
DISCCART	407261.672811583	3758458.84625731	476.20	0.00
** receptor	CE055 (census block: BLK501701000)			
DISCCART	406506.829211421	3758549.17860801	357.50	0.00
** receptor	CE056 (census block: BLK501701001)			
DISCCART	406457.905253804	3758377.91144033	344.40	0.00
** receptor	CE057 (census block: BLK501701002)			
DISCCART	406301.702564465	3758551.205023	341.10	0.00
** receptor	CE058 (census block: BLK501701003)			
DISCCART	406205.033192867	3758613.50092079	331.30	0.00
** receptor	CE059 (census block: BLK501701004)			
DISCCART	406115.409823153	3758675.30499346	328.00	0.00
** receptor	CE060 (census block: BLK501701005)			
DISCCART	406028.60716936	3758737.08197694	328.00	0.00
** receptor	CE061 (census block: BLK501701006)			
DISCCART	405938.281214678	3758798.89477874	330.90	0.00
** receptor	CE062 (census block: BLK501701007)			
DISCCART	405736.732356176	3758451.4745756	278.80	0.00
** receptor	CE063 (census block: BLK501701008)			
DISCCART	405814.426647488	3758395.28490412	281.70	0.00

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** receptor CE064 (census block: BLK501702000)
DISCCART 406257.679183628 3758091.80695965 317.50 0.00
** receptor CE065 (census block: BLK501702001)
DISCCART 406166.640545947 3758153.62433368 311.60 0.00
** receptor CE066 (census block: BLK501702002)
DISCCART 405932.301123578 3758196.55870925 288.60 0.00
** receptor CE067 (census block: BLK501702003)
DISCCART 406072.199550461 3758298.81329292 305.00 0.00
** receptor CE068 (census block: BLK501702004)
DISCCART 405823.105818611 3758062.69666328 275.50 0.00
** receptor CE069 (census block: BLK501702005)
DISCCART 405911.268844127 3757995.40511402 282.10 0.00
** receptor CE070 (census block: BLK501702006)
DISCCART 405982.128243211 3757889.36732389 285.40 0.00
** receptor CE071 (census block: BLK501702009)
DISCCART 405799.168562158 3757924.1806304 268.90 0.00
** receptor CE072 (census block: BLK501703000)
DISCCART 405647.799750434 3758653.29948119 291.60 0.00
** receptor CE073 (census block: BLK501703001)
DISCCART 405489.147947858 3758508.51203456 269.00 0.00
** receptor CE074 (census block: BLK501703002)
DISCCART 405436.440211818 3758454.46693022 262.40 0.00
** receptor CE075 (census block: BLK501703003)
DISCCART 405455.721934976 3758337.9409465 257.80 0.00
** receptor CE076 (census block: BLK501703008)
DISCCART 405549.158243318 3758092.92026298 252.60 0.00
** receptor CE077 (census block: BLK501703009)
DISCCART 405661.882628257 3758014.3827463 259.10 0.00
** receptor CE078 (census block: BLK501704000)
DISCCART 405479.717684811 3758764.54001026 290.90 0.00
** receptor CE079 (census block: BLK501704001)
DISCCART 405359.158071486 3758904.49796325 297.30 0.00
** receptor CE080 (census block: BLK501704002)
DISCCART 405170.69339449 3759021.02430729 308.30 0.00
** receptor CE081 (census block: BLK501704003)
DISCCART 405201.970281093 3758906.06962733 295.20 0.00
** receptor CE082 (census block: BLK501704004)
DISCCART 405349.866985966 3758821.25356942 288.60 0.00
** receptor CE083 (census block: BLK501704005)
DISCCART 405215.443840128 3758773.10283891 282.10 0.00
** receptor CE084 (census block: BLK501704008)
DISCCART 405359.746481381 3758681.13144629 275.50 0.00
** receptor CE085 (census block: BLK501704009)
DISCCART 405435.368442973 3758629.6125628 275.50 0.00
** receptor CE086 (census block: BLK501804000)
DISCCART 405236.452045736 3759463.70375868 368.70 0.00
** receptor CE087 (census block: BLK501804001)
DISCCART 405212.37968725 3759382.72247012 352.60 0.00
** receptor CE088 (census block: BLK501804009)
DISCCART 405186.175462272 3759300.07045068 343.50 0.00
** receptor CE089 (census block: BLK501804011)
DISCCART 405257.372829785 3759088.68814387 314.90 0.00
** receptor CE090 (census block: BLK501609001)
DISCCART 408456.668426364 3760361.84764575 0.00 0.00
** receptor CE091 (census block: BLK501609002)
DISCCART 408269.975683699 3760516.36774435 0.00 0.00
** receptor CE092 (census block: BLK501609003)
DISCCART 407367.835528453 3760879.65008316 1026.70 0.00
** receptor CE093 (census block: BLK501609004)
DISCCART 408322.620179824 3760275.57773676 0.00 0.00
** receptor CE094 (census block: BLK501609005)
DISCCART 408794.360235931 3759930.90793989 0.00 0.00
** receptor CE095 (census block: BLK501609008)
DISCCART 406130.797262568 3760014.46792851 584.40 0.00

```

RE FINISHED

ME STARTING

```

INPUTFIL c:\ISC\whittier.asc
ANEMHGHT 10 METERS
SURFDATA 53114 81 LosAngeles
UAIRDATA 91919 81 LosAngeles
STARTEND 81 1 1 81 12 31

```

Appendix B

PM 24 hour Emissions unmitigated

ME FINISHED

OU STARTING

RECTABLE 24 first
** PLOTFILE 1 first c:\ISC\WHI_PM24.PLT

OU FINISHED

*** Message Summary For ISC3 Model Setup ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 4 Warning Message(s)
A Total of 0 Informational Message(s)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
ME W360 7444 SET_WI:2-Digit Year Specified: Valid for Range 1950-2049 SURFDATA
SO W320 30 PPARAM :Input Parameter May Be Out-of-Range for Parameter QS
SO W320 34 PPARAM :Input Parameter May Be Out-of-Range for Parameter QS
RE W282 7437 CHK_EL:RecElev < SrcBase; See non-DFAULT HE>ZI option in MCB#9

*** SETUP Finishes Successfully ***

• *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
**MODELOPTs: PAGE 1
CONC URBAN ELEV FLGPOL NOCALM

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected
**Model Is Setup For Calculation of Average CONCentration Values.
-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**NO GAS DRY DEPOSITION Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations
**Model Uses URBAN Dispersion.
**Model Uses User-Specified Options:
1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Not Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
**Model Accepts Receptors on ELEV Terrain.
**Model Accepts FLAGPOLE Receptor Heights.
**Model Calculates 1 Short Term Average(s) of: 24-HR
**This Run Includes: 4 Source(s); 1 Source Group(s); and 3690 Receptor(s)
**The Model Assumes A Pollutant Type of: OTHER
**Model Set To Continue RUNning After the Setup Testing.

Appendix B

PM 24 hour Emissions unmitigated

**Output Options Selected:

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.4 MB of RAM.

**Input Runstream File: WHI_PM24.inp
 **Output Print File: WHI_PM24.out

**Detailed Error/Message File: c:\ISC\zERROR.ERR

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
 *** PAGE 2

**MODELOPTs:
 CONC URBAN ELEV FLGPOL NOCALM

*** POINT SOURCE DATA ***

SOURCE ID	PART. CATS.	NUMBER EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
1	0	0.23670E+00	407065.0	3759568.0	150.9	12.20	1050.00	3.70	1.80	NO	
2	0	0.00000E+00	407085.0	3759498.0	150.9	6.10	565.00	2.80	0.25	NO	
3	0	0.00000E+00	407085.0	3759498.0	150.9	6.10	565.00	2.80	0.50	NO	
4	0	0.19400E-01	407130.0	3759340.0	147.8	4.00	783.00	3.60	0.20	NO	

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
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**MODELOPTs:
 CONC URBAN ELEV FLGPOL NOCALM

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

1 1, 2, 3, 4
 • *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
 *** PAGE 4

**MODELOPTs:
 CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(409779.5, 3759787.5, 0.0, 1.5);	(409779.3, 3759762.5, 0.0, 1.5);
(409779.2, 3759737.5, 0.0, 1.5);	(409779.0, 3759712.5, 0.0, 1.5);
(409778.9, 3759687.5, 0.0, 1.5);	(409778.7, 3759662.5, 0.0, 1.5);
(409778.5, 3759637.5, 0.0, 1.5);	(409778.4, 3759612.5, 0.0, 1.5);
(409778.2, 3759587.5, 0.0, 1.5);	(409778.1, 3759562.5, 0.0, 1.5);
(409777.9, 3759537.5, 0.0, 1.5);	(409777.7, 3759512.5, 0.0, 1.5);
(409777.6, 3759487.5, 0.0, 1.5);	(409777.4, 3759462.5, 0.0, 1.5);
(409777.3, 3759437.5, 0.0, 1.5);	(409777.1, 3759412.5, 0.0, 1.5);
(409776.9, 3759387.5, 0.0, 1.5);	(409776.8, 3759362.5, 0.0, 1.5);
(409776.6, 3759337.5, 0.0, 1.5);	(409776.4, 3759312.5, 0.0, 1.5);
(409776.3, 3759287.5, 0.0, 1.5);	(409776.1, 3759262.5, 0.0, 1.5);
(409775.9, 3759237.5, 0.0, 1.5);	(409775.7, 3759212.5, 0.0, 1.5);
(409775.4, 3759187.5, 0.0, 1.5);	(409775.1, 3759162.5, 0.0, 1.5);
(409774.8, 3759137.5, 0.0, 1.5);	(409774.6, 3759112.5, 0.0, 1.5);
(409774.3, 3759087.5, 0.0, 1.5);	(409774.0, 3759062.5, 0.0, 1.5);
(409773.8, 3759037.5, 0.0, 1.5);	(409765.3, 3759020.3, 0.0, 1.5);
(409740.3, 3759020.5, 0.0, 1.5);	(409715.3, 3759021.0, 0.0, 1.5);
(409690.3, 3759021.3, 0.0, 1.5);	(409665.3, 3759021.5, 0.0, 1.5);
(409640.3, 3759021.8, 0.0, 1.5);	(409615.3, 3759022.3, 0.0, 1.5);
(409590.3, 3759022.5, 0.0, 1.5);	(409565.3, 3759022.8, 0.0, 1.5);

Appendix B

PM 24 hour Emissions unmitigated

(409540.3, 3759023.3, 0.0, 1.5);	(409515.3, 3759024.3, 0.0, 1.5);
(409490.3, 3759025.3, 0.0, 1.5);	(409465.3, 3759026.5, 0.0, 1.5);
(409440.3, 3759027.0, 0.0, 1.5);	(409415.3, 3759027.8, 0.0, 1.5);
(409390.3, 3759027.8, 0.0, 1.5);	(409365.3, 3759028.5, 0.0, 1.5);
(409340.3, 3759029.0, 0.0, 1.5);	(409315.4, 3759029.5, 0.0, 1.5);
(409290.4, 3759030.0, 0.0, 1.5);	(409265.4, 3759030.5, 0.0, 1.5);
(409240.4, 3759031.0, 0.0, 1.5);	(409215.4, 3759031.5, 0.0, 1.5);
(409190.4, 3759032.0, 0.0, 1.5);	(409165.4, 3759032.5, 0.0, 1.5);
(409140.4, 3759033.0, 0.0, 1.5);	(409115.4, 3759033.5, 0.0, 1.5);
(409090.4, 3759034.0, 0.0, 1.5);	(409065.4, 3759034.5, 0.0, 1.5);
(409040.4, 3759035.0, 0.0, 1.5);	(409015.4, 3759035.5, 0.0, 1.5);
(408990.4, 3759036.3, 0.0, 1.5);	(408965.4, 3759036.8, 0.0, 1.5);
(408940.4, 3759037.3, 0.0, 1.5);	(408915.4, 3759037.8, 0.0, 1.5);
(408890.5, 3759038.3, 0.0, 1.5);	(408865.5, 3759038.8, 0.0, 1.5);
(408840.5, 3759039.3, 0.0, 1.5);	(408815.5, 3759039.8, 0.0, 1.5);
(408790.5, 3759040.3, 0.0, 1.5);	(408765.5, 3759040.8, 0.0, 1.5);
(408740.5, 3759041.3, 0.0, 1.5);	(408715.5, 3759041.8, 0.0, 1.5);
(408690.5, 3759042.3, 0.0, 1.5);	(408665.5, 3759042.8, 0.0, 1.5);
(408640.5, 3759043.3, 0.0, 1.5);	(408615.5, 3759044.0, 0.0, 1.5);
(408590.5, 3759044.5, 0.0, 1.5);	(408581.9, 3759028.8, 0.0, 1.5);
(408581.6, 3759004.0, 0.0, 1.5);	(408581.3, 3758979.0, 0.0, 1.5);
(408581.0, 3758954.0, 0.0, 1.5);	(408580.7, 3758929.0, 0.0, 1.5);
(408580.3, 3758904.0, 0.0, 1.5);	(408580.0, 3758879.0, 0.0, 1.5);
(408579.7, 3758854.0, 0.0, 1.5);	(408579.4, 3758829.0, 0.0, 1.5);
(408579.1, 3758804.0, 0.0, 1.5);	(408578.8, 3758779.0, 0.0, 1.5);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

*** ANALYSIS PEAK DAY 24hr PM emissions

*** 07/29/11

*** 11:29:13

*** PAGE 5

**MODELOPTs:

CONC URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZFLAG)

(METERS)

(408578.4, 3758754.0, 0.0, 1.5);	(408578.1, 3758729.0, 0.0, 1.5);
(408567.8, 3758707.5, 0.0, 1.5);	(408550.7, 3758689.5, 0.0, 1.5);
(408533.6, 3758671.3, 0.0, 1.5);	(408513.8, 3758658.5, 0.0, 1.5);
(408488.8, 3758658.8, 0.0, 1.5);	(408463.8, 3758659.3, 0.0, 1.5);
(408438.8, 3758659.8, 0.0, 1.5);	(408413.8, 3758660.3, 0.0, 1.5);
(408388.8, 3758660.5, 0.0, 1.5);	(408363.8, 3758661.0, 0.0, 1.5);
(408338.8, 3758661.5, 0.0, 1.5);	(408313.8, 3758662.0, 0.0, 1.5);
(408288.8, 3758662.5, 0.0, 1.5);	(408263.8, 3758662.8, 0.0, 1.5);
(408238.8, 3758663.3, 0.0, 1.5);	(408213.8, 3758663.8, 0.0, 1.5);
(408188.8, 3758664.3, 0.0, 1.5);	(408163.8, 3758664.5, 0.0, 1.5);
(408138.8, 3758665.0, 0.0, 1.5);	(408113.8, 3758665.5, 0.0, 1.5);
(408088.8, 3758666.0, 0.0, 1.5);	(408063.8, 3758666.3, 0.0, 1.5);
(408038.8, 3758666.8, 0.0, 1.5);	(408013.8, 3758667.3, 0.0, 1.5);
(407988.8, 3758667.8, 0.0, 1.5);	(407963.8, 3758668.3, 0.0, 1.5);
(407938.8, 3758668.5, 0.0, 1.5);	(407913.9, 3758669.0, 0.0, 1.5);
(407888.9, 3758669.5, 0.0, 1.5);	(407863.9, 3758670.0, 0.0, 1.5);
(407838.9, 3758670.3, 0.0, 1.5);	(407813.9, 3758670.8, 0.0, 1.5);
(407788.9, 3758671.3, 0.0, 1.5);	(407763.9, 3758671.8, 0.0, 1.5);
(407738.9, 3758672.3, 0.0, 1.5);	(407713.9, 3758672.5, 0.0, 1.5);
(407688.9, 3758673.0, 0.0, 1.5);	(407663.9, 3758673.5, 0.0, 1.5);
(407638.9, 3758674.0, 0.0, 1.5);	(407613.9, 3758674.3, 0.0, 1.5);
(407588.9, 3758674.8, 0.0, 1.5);	(407563.9, 3758675.3, 0.0, 1.5);
(407538.9, 3758675.8, 0.0, 1.5);	(407513.9, 3758676.3, 148.4, 1.5);
(407488.9, 3758676.8, 153.9, 1.5);	(407464.0, 3758678.0, 155.0, 1.5);
(407439.0, 3758679.3, 154.8, 1.5);	(407414.0, 3758680.8, 152.1, 1.5);
(407389.1, 3758682.0, 149.9, 1.5);	(407364.1, 3758683.3, 147.4, 1.5);
(407339.1, 3758684.8, 144.2, 1.5);	(407314.2, 3758686.0, 141.5, 1.5);
(407289.2, 3758687.3, 139.9, 1.5);	(407264.2, 3758688.8, 137.3, 1.5);
(407239.3, 3758690.0, 135.7, 1.5);	(407214.3, 3758691.3, 133.9, 1.5);
(407189.3, 3758692.8, 128.4, 1.5);	(407164.4, 3758694.0, 122.0, 1.5);
(407139.4, 3758695.3, 116.4, 1.5);	(407114.4, 3758696.5, 115.0, 1.5);
(407089.5, 3758698.0, 117.0, 1.5);	(407065.7, 3758703.5, 120.1, 1.5);
(407045.1, 3758717.8, 122.0, 1.5);	(407024.6, 3758731.8, 123.0, 1.5);
(407004.0, 3758746.0, 123.8, 1.5);	(406983.5, 3758760.3, 125.2, 1.5);
(406962.9, 3758774.5, 126.6, 1.5);	(406942.4, 3758788.8, 127.1, 1.5);
(406921.8, 3758803.0, 127.6, 1.5);	(406901.3, 3758817.3, 127.1, 1.5);
(406883.9, 3758804.5, 124.4, 1.5);	(406866.5, 3758786.5, 124.2, 1.5);
(406849.1, 3758768.5, 124.7, 1.5);	(406828.8, 3758753.8, 123.2, 1.5);
(406808.6, 3758739.0, 122.3, 1.5);	(406788.4, 3758724.5, 120.0, 1.5);
(406768.1, 3758709.8, 118.3, 1.5);	(406747.9, 3758695.0, 116.8, 1.5);
(406730.0, 3758678.5, 116.0, 1.5);	(406718.0, 3758656.8, 115.8, 1.5);

Appendix B

PM 24 hour Emissions unmitigated

(406705.9, 3758634.8, 115.0, 1.5);	(406693.9, 3758612.8, 112.8, 1.5);
(406681.8, 3758591.0, 111.2, 1.5);	(406667.5, 3758575.5, 110.0, 1.5);
(406646.6, 3758589.3, 110.0, 1.5);	(406625.6, 3758603.0, 111.0, 1.5);
(406625.5, 3758621.5, 111.4, 1.5);	(406639.1, 3758642.5, 111.5, 1.5);

• *** ISCSST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
 **MODELOPTs: PAGE 6

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406652.7, 3758663.5, 112.8, 1.5);	(406666.3, 3758684.5, 113.8, 1.5);
(406679.8, 3758705.5, 115.7, 1.5);	(406693.4, 3758726.5, 116.5, 1.5);
(406707.0, 3758747.5, 117.0, 1.5);	(406720.8, 3758768.0, 117.0, 1.5);
(406700.3, 3758782.0, 118.9, 1.5);	(406681.7, 3758797.3, 119.9, 1.5);
(406695.6, 3758818.0, 120.0, 1.5);	(406709.5, 3758839.0, 121.1, 1.5);
(406723.4, 3758859.8, 121.7, 1.5);	(406737.3, 3758880.5, 122.2, 1.5);
(406756.8, 3758895.5, 122.7, 1.5);	(406778.3, 3758908.5, 124.1, 1.5);
(406799.7, 3758921.3, 126.3, 1.5);	(406821.2, 3758934.3, 126.9, 1.5);
(406831.0, 3758956.3, 127.7, 1.5);	(406839.8, 3758979.8, 128.2, 1.5);
(406848.5, 3759003.3, 131.2, 1.5);	(406844.1, 3759021.8, 134.1, 1.5);
(406823.4, 3759035.8, 139.6, 1.5);	(406802.6, 3759049.8, 140.4, 1.5);
(406781.9, 3759063.8, 140.6, 1.5);	(406761.2, 3759077.8, 141.0, 1.5);
(406740.4, 3759091.5, 135.8, 1.5);	(406747.5, 3759112.5, 136.4, 1.5);
(406760.2, 3759134.0, 137.4, 1.5);	(406747.8, 3759150.0, 134.5, 1.5);
(406732.2, 3759166.5, 133.0, 1.5);	(406714.7, 3759177.0, 134.0, 1.5);
(406693.6, 3759190.5, 135.7, 1.5);	(406672.5, 3759204.0, 136.6, 1.5);
(406651.4, 3759217.3, 137.9, 1.5);	(406630.3, 3759230.8, 138.3, 1.5);
(406609.3, 3759244.3, 138.6, 1.5);	(406588.2, 3759257.8, 138.8, 1.5);
(406567.1, 3759271.0, 138.2, 1.5);	(406546.0, 3759284.5, 138.7, 1.5);
(406524.9, 3759298.0, 139.0, 1.5);	(406503.8, 3759311.5, 138.6, 1.5);
(406482.8, 3759324.8, 138.8, 1.5);	(406461.7, 3759338.3, 139.2, 1.5);
(406440.6, 3759351.8, 139.4, 1.5);	(406419.5, 3759365.3, 140.0, 1.5);
(406398.4, 3759378.5, 142.1, 1.5);	(406377.0, 3759392.3, 145.2, 1.5);
(406375.7, 3759417.3, 145.8, 1.5);	(406374.3, 3759442.3, 147.8, 1.5);
(406372.9, 3759467.3, 148.7, 1.5);	(406351.5, 3759469.5, 153.7, 1.5);
(406326.5, 3759468.8, 156.4, 1.5);	(406301.6, 3759468.0, 157.9, 1.5);
(406276.6, 3759467.3, 156.6, 1.5);	(406251.6, 3759466.5, 155.1, 1.5);
(406226.6, 3759465.8, 154.5, 1.5);	(406201.6, 3759465.0, 152.2, 1.5);
(406176.6, 3759464.3, 144.0, 1.5);	(406171.3, 3759484.5, 138.1, 1.5);
(406171.6, 3759509.5, 134.5, 1.5);	(406171.9, 3759534.5, 135.8, 1.5);
(406172.2, 3759559.5, 139.3, 1.5);	(406172.5, 3759584.5, 144.2, 1.5);
(406172.8, 3759609.5, 148.9, 1.5);	(406173.0, 3759634.5, 153.2, 1.5);
(406173.3, 3759659.5, 155.1, 1.5);	(406173.6, 3759684.5, 161.7, 1.5);
(406173.8, 3759709.5, 161.8, 1.5);	(406174.1, 3759734.5, 159.6, 1.5);
(406174.4, 3759759.5, 165.0, 1.5);	(406174.7, 3759784.5, 164.0, 1.5);
(406175.0, 3759809.5, 160.6, 1.5);	(406175.2, 3759834.5, 161.2, 1.5);
(406175.5, 3759859.5, 158.1, 1.5);	(406152.3, 3759859.5, 152.3, 1.5);
(406127.3, 3759859.0, 150.0, 1.5);	(406102.3, 3759858.3, 151.7, 1.5);
(406077.4, 3759857.5, 167.1, 1.5);	(406052.4, 3759856.8, 183.9, 1.5);
(406041.3, 3759871.0, 182.3, 1.5);	(406041.6, 3759896.0, 181.5, 1.5);
(406041.8, 3759921.0, 180.7, 1.5);	(406042.1, 3759946.0, 198.9, 1.5);
(406042.4, 3759971.0, 210.3, 1.5);	(406067.3, 3759972.5, 206.4, 1.5);
(406092.3, 3759973.5, 197.1, 1.5);	(406117.3, 3759974.3, 181.6, 1.5);
(406142.3, 3759975.0, 167.6, 1.5);	(406167.3, 3759975.8, 152.9, 1.5);
(406187.2, 3759980.8, 154.5, 1.5);	(406187.4, 3760005.8, 155.0, 1.5);

• *** ISCSST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
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CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406187.7, 3760030.8, 156.3, 1.5);	(406188.0, 3760055.8, 159.2, 1.5);
(406188.3, 3760080.8, 168.7, 1.5);	(406188.5, 3760105.8, 184.7, 1.5);
(406188.8, 3760130.8, 184.8, 1.5);	(406189.1, 3760155.8, 177.6, 1.5);
(406189.3, 3760180.8, 189.5, 1.5);	(406189.6, 3760205.8, 203.7, 1.5);
(406189.9, 3760230.8, 214.5, 1.5);	(406190.1, 3760255.5, 217.2, 1.5);
(406198.2, 3760273.8, 216.3, 1.5);	(406223.2, 3760274.5, 222.0, 1.5);
(406248.2, 3760275.3, 221.6, 1.5);	(406270.6, 3760282.0, 219.7, 1.5);

Appendix B

PM 24 hour Emissions unmitigated

(406289.8, 3760298.3, 219.2, 1.5);	(406308.9, 3760314.3, 229.1, 1.5);
(406328.1, 3760330.3, 234.6, 1.5);	(406347.3, 3760346.3, 239.6, 1.5);
(406366.4, 3760362.3, 239.2, 1.5);	(406385.6, 3760378.5, 231.6, 1.5);
(406404.8, 3760394.5, 232.6, 1.5);	(406423.9, 3760410.5, 231.4, 1.5);
(406438.6, 3760430.5, 241.2, 1.5);	(406453.1, 3760451.0, 251.2, 1.5);
(406464.5, 3760468.5, 257.6, 1.5);	(406439.7, 3760465.8, 258.3, 1.5);
(406414.8, 3760462.8, 259.4, 1.5);	(406390.3, 3760458.3, 259.9, 1.5);
(406366.0, 3760452.8, 258.2, 1.5);	(406354.5, 3760461.8, 257.9, 1.5);
(406362.3, 3760484.3, 243.0, 1.5);	(406383.8, 3760497.0, 241.5, 1.5);
(406405.2, 3760509.8, 241.7, 1.5);	(406422.6, 3760527.5, 238.0, 1.5);
(406440.1, 3760545.5, 239.7, 1.5);	(406459.6, 3760554.3, 253.9, 1.5);
(406482.2, 3760543.5, 262.8, 1.5);	(406504.8, 3760532.8, 271.7, 1.5);
(406527.3, 3760522.0, 276.6, 1.5);	(406549.9, 3760511.3, 280.4, 1.5);
(406572.5, 3760500.5, 285.3, 1.5);	(406596.6, 3760494.8, 289.0, 1.5);
(406621.1, 3760489.8, 289.3, 1.5);	(406645.0, 3760486.8, 298.0, 1.5);
(406667.1, 3760498.5, 299.9, 1.5);	(406684.1, 3760513.0, 295.6, 1.5);
(406685.7, 3760538.0, 290.1, 1.5);	(406687.4, 3760563.0, 286.9, 1.5);
(406689.1, 3760587.8, 282.9, 1.5);	(406690.7, 3760612.8, 276.2, 1.5);
(406692.4, 3760637.8, 274.7, 1.5);	(406694.1, 3760662.8, 278.7, 1.5);
(406695.7, 3760687.8, 282.5, 1.5);	(406694.0, 3760710.8, 283.4, 1.5);
(406675.7, 3760727.8, 282.9, 1.5);	(406657.3, 3760744.8, 283.2, 1.5);
(406638.9, 3760761.8, 279.8, 1.5);	(406620.6, 3760778.8, 277.1, 1.5);
(406600.1, 3760790.5, 277.5, 1.5);	(406575.3, 3760793.8, 278.5, 1.5);
(406550.5, 3760796.8, 277.8, 1.5);	(406525.7, 3760800.0, 277.4, 1.5);
(406500.9, 3760803.3, 276.6, 1.5);	(406478.0, 3760812.0, 274.0, 1.5);
(406457.2, 3760826.0, 272.4, 1.5);	(406436.4, 3760839.8, 271.5, 1.5);
(406415.5, 3760853.5, 268.9, 1.5);	(406392.3, 3760856.3, 265.3, 1.5);
(406367.4, 3760853.8, 265.3, 1.5);	(406342.5, 3760851.3, 264.1, 1.5);
(406317.7, 3760848.8, 263.7, 1.5);	(406292.8, 3760846.0, 263.4, 1.5);
(406267.9, 3760843.5, 265.9, 1.5);	(406244.1, 3760836.5, 269.2, 1.5);
(406220.3, 3760828.8, 269.6, 1.5);	(406196.6, 3760821.0, 268.7, 1.5);
(406172.8, 3760813.3, 265.3, 1.5);	(406149.1, 3760805.3, 264.3, 1.5);
(406125.3, 3760797.5, 263.1, 1.5);	(406105.6, 3760782.5, 263.0, 1.5);
(406085.9, 3760767.3, 256.3, 1.5);	(406083.4, 3760744.0, 256.3, 1.5);
(406083.9, 3760719.0, 255.4, 1.5);	(406084.4, 3760694.0, 251.2, 1.5);
(406073.8, 3760679.5, 248.3, 1.5);	(406048.8, 3760680.3, 246.6, 1.5);
(406023.8, 3760681.0, 232.8, 1.5);	(405998.8, 3760681.8, 214.4, 1.5);
(405973.8, 3760682.5, 199.1, 1.5);	(405948.8, 3760683.3, 197.3, 1.5);

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 *** ANALYSIS PEAK DAY 24hr PM emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(405923.9, 3760684.0, 196.6, 1.5);	(405898.9, 3760684.8, 184.5, 1.5);
(405873.9, 3760685.5, 171.3, 1.5);	(405848.9, 3760686.3, 163.7, 1.5);
(405823.9, 3760687.0, 160.4, 1.5);	(405798.9, 3760687.8, 159.0, 1.5);
(405774.5, 3760683.8, 159.9, 1.5);	(405749.6, 3760682.3, 165.4, 1.5);
(405724.6, 3760682.5, 167.4, 1.5);	(405699.6, 3760682.8, 163.0, 1.5);
(405674.6, 3760683.0, 166.0, 1.5);	(405649.6, 3760683.3, 169.5, 1.5);
(405632.1, 3760691.5, 173.8, 1.5);	(405632.8, 3760716.5, 179.1, 1.5);
(405633.5, 3760741.5, 182.7, 1.5);	(405634.2, 3760766.5, 183.9, 1.5);
(405634.9, 3760791.5, 183.9, 1.5);	(405635.6, 3760816.5, 184.3, 1.5);
(405636.3, 3760841.5, 187.3, 1.5);	(405637.1, 3760866.5, 192.6, 1.5);
(405637.8, 3760891.5, 199.6, 1.5);	(405638.5, 3760916.5, 200.7, 1.5);
(405639.2, 3760941.5, 199.9, 1.5);	(405639.9, 3760966.5, 200.9, 1.5);
(405644.1, 3760990.8, 204.4, 1.5);	(405653.3, 3761014.0, 207.7, 1.5);
(405653.8, 3761039.0, 212.0, 1.5);	(405654.2, 3761064.0, 215.5, 1.5);
(405654.5, 3761089.0, 219.1, 1.5);	(405672.8, 3761096.3, 219.9, 1.5);
(405697.8, 3761095.5, 220.6, 1.5);	(405722.8, 3761095.0, 219.9, 1.5);
(405747.8, 3761094.5, 219.5, 1.5);	(405772.8, 3761093.8, 220.2, 1.5);
(405797.8, 3761093.3, 221.3, 1.5);	(405822.8, 3761092.5, 216.9, 1.5);
(405847.8, 3761092.0, 201.0, 1.5);	(405872.8, 3761091.5, 206.4, 1.5);
(405897.7, 3761090.8, 213.4, 1.5);	(405922.7, 3761090.3, 217.4, 1.5);
(405947.7, 3761089.5, 220.6, 1.5);	(405972.7, 3761089.0, 218.1, 1.5);
(405997.7, 3761088.5, 212.4, 1.5);	(406022.7, 3761087.8, 208.1, 1.5);
(406047.7, 3761087.3, 226.8, 1.5);	(406072.7, 3761086.5, 247.3, 1.5);
(406097.7, 3761086.0, 247.3, 1.5);	(406122.7, 3761085.5, 233.6, 1.5);
(406147.7, 3761084.8, 218.9, 1.5);	(406172.7, 3761084.3, 224.4, 1.5);
(406197.7, 3761083.5, 227.7, 1.5);	(406222.7, 3761083.0, 224.3, 1.5);
(406247.6, 3761082.5, 211.2, 1.5);	(406272.6, 3761081.8, 211.8, 1.5);
(406297.6, 3761081.3, 218.6, 1.5);	(406322.6, 3761080.5, 228.8, 1.5);

Appendix B

PM 24 hour Emissions unmitigated

(406347.6, 3761080.0, 214.1, 1.5);	(406372.6, 3761079.5, 215.2, 1.5);
(406397.6, 3761078.8, 218.8, 1.5);	(406422.6, 3761078.3, 226.5, 1.5);
(406447.6, 3761077.5, 226.8, 1.5);	(406472.6, 3761077.0, 210.1, 1.5);
(406497.6, 3761076.5, 208.1, 1.5);	(406522.6, 3761075.8, 223.4, 1.5);
(406547.5, 3761075.3, 233.6, 1.5);	(406572.5, 3761074.5, 236.0, 1.5);
(406597.5, 3761074.0, 233.0, 1.5);	(406622.5, 3761073.5, 240.2, 1.5);
(406647.5, 3761072.8, 237.3, 1.5);	(406672.5, 3761072.3, 230.2, 1.5);
(406697.5, 3761071.5, 242.9, 1.5);	(406722.5, 3761071.0, 247.4, 1.5);
(406747.5, 3761070.5, 234.2, 1.5);	(406772.5, 3761069.8, 225.7, 1.5);
(406797.5, 3761069.3, 239.7, 1.5);	(406822.5, 3761068.5, 254.2, 1.5);
(406847.5, 3761068.0, 260.0, 1.5);	(406872.5, 3761067.5, 261.5, 1.5);
(406897.4, 3761066.8, 257.9, 1.5);	(406922.4, 3761066.3, 251.6, 1.5);
(406947.4, 3761065.5, 241.6, 1.5);	(406972.4, 3761065.0, 235.9, 1.5);
(406997.4, 3761064.5, 238.3, 1.5);	(407021.1, 3761061.8, 252.1, 1.5);
(407020.3, 3761036.8, 240.4, 1.5);	(407019.5, 3761011.8, 256.2, 1.5);
(407018.7, 3760986.8, 272.6, 1.5);	(407017.8, 3760961.8, 288.8, 1.5);
(407017.0, 3760936.8, 301.6, 1.5);	(407016.2, 3760911.8, 315.1, 1.5);

* *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(407015.4, 3760886.8, 319.3, 1.5);	(407014.6, 3760861.8, 314.4, 1.5);
(407013.8, 3760836.8, 308.8, 1.5);	(407012.9, 3760811.8, 306.0, 1.5);
(407012.1, 3760787.0, 302.2, 1.5);	(407011.3, 3760762.0, 294.3, 1.5);
(407010.5, 3760737.0, 283.3, 1.5);	(407009.7, 3760712.0, 271.6, 1.5);
(407008.8, 3760687.0, 257.2, 1.5);	(407008.0, 3760662.0, 246.0, 1.5);
(407031.9, 3760661.5, 234.8, 1.5);	(407056.9, 3760661.3, 216.4, 1.5);
(407081.9, 3760661.3, 219.8, 1.5);	(407106.9, 3760661.0, 245.4, 1.5);
(407131.9, 3760660.8, 260.5, 1.5);	(407156.9, 3760660.5, 267.9, 1.5);
(407181.9, 3760660.3, 282.2, 1.5);	(407206.9, 3760660.0, 296.7, 1.5);
(407231.9, 3760660.0, 308.2, 1.5);	(407256.9, 3760659.8, 311.9, 1.5);
(407281.9, 3760659.5, 304.9, 1.5);	(407306.9, 3760659.3, 293.3, 1.5);
(407331.9, 3760659.0, 285.1, 1.5);	(407356.9, 3760659.0, 292.3, 1.5);
(407381.9, 3760658.8, 292.6, 1.5);	(407406.9, 3760658.5, 291.2, 1.5);
(407431.9, 3760658.3, 297.4, 1.5);	(407456.9, 3760658.0, 301.5, 1.5);
(407481.9, 3760657.8, 303.3, 1.5);	(407506.9, 3760657.8, 294.0, 1.5);
(407531.9, 3760657.5, 287.6, 1.5);	(407556.9, 3760657.3, 0.0, 1.5);
(407581.9, 3760657.0, 0.0, 1.5);	(407606.9, 3760656.8, 0.0, 1.5);
(407631.9, 3760656.8, 0.0, 1.5);	(407656.9, 3760656.5, 0.0, 1.5);
(407681.9, 3760656.3, 0.0, 1.5);	(407706.9, 3760656.0, 0.0, 1.5);
(407731.9, 3760655.8, 0.0, 1.5);	(407756.9, 3760655.5, 0.0, 1.5);
(407781.9, 3760655.5, 0.0, 1.5);	(407806.9, 3760655.3, 0.0, 1.5);
(407831.9, 3760655.0, 0.0, 1.5);	(407856.9, 3760654.8, 0.0, 1.5);
(407881.9, 3760654.5, 0.0, 1.5);	(407906.9, 3760654.3, 0.0, 1.5);
(407931.9, 3760654.3, 0.0, 1.5);	(407956.9, 3760654.0, 0.0, 1.5);
(407981.9, 3760653.8, 0.0, 1.5);	(408006.9, 3760653.5, 0.0, 1.5);
(408031.9, 3760653.3, 0.0, 1.5);	(408056.9, 3760653.3, 0.0, 1.5);
(408081.9, 3760653.0, 0.0, 1.5);	(408106.9, 3760652.8, 0.0, 1.5);
(408131.9, 3760652.5, 0.0, 1.5);	(408156.9, 3760652.3, 0.0, 1.5);
(408181.9, 3760652.0, 0.0, 1.5);	(408206.9, 3760652.0, 0.0, 1.5);
(408225.8, 3760645.0, 0.0, 1.5);	(408224.9, 3760620.0, 0.0, 1.5);
(408224.2, 3760595.0, 0.0, 1.5);	(408223.3, 3760570.0, 0.0, 1.5);
(408222.6, 3760545.0, 0.0, 1.5);	(408221.8, 3760520.0, 0.0, 1.5);
(408220.9, 3760495.0, 0.0, 1.5);	(408220.2, 3760470.0, 0.0, 1.5);
(408219.3, 3760445.0, 0.0, 1.5);	(408218.6, 3760420.0, 0.0, 1.5);
(408217.8, 3760395.0, 0.0, 1.5);	(408216.9, 3760370.0, 0.0, 1.5);
(408216.2, 3760345.0, 0.0, 1.5);	(408215.3, 3760320.0, 0.0, 1.5);
(408214.6, 3760295.0, 0.0, 1.5);	(408213.8, 3760270.0, 0.0, 1.5);
(408213.0, 3760245.3, 0.0, 1.5);	(408212.2, 3760220.3, 0.0, 1.5);
(408211.4, 3760195.3, 0.0, 1.5);	(408210.6, 3760170.3, 0.0, 1.5);
(408209.8, 3760145.3, 0.0, 1.5);	(408209.0, 3760120.3, 0.0, 1.5);
(408208.2, 3760095.3, 0.0, 1.5);	(408207.4, 3760070.3, 0.0, 1.5);
(408206.6, 3760045.3, 0.0, 1.5);	(408205.8, 3760020.3, 0.0, 1.5);
(408205.0, 3759995.3, 0.0, 1.5);	(408204.2, 3759970.3, 0.0, 1.5);
(408203.4, 3759945.3, 0.0, 1.5);	(408202.6, 3759920.3, 0.0, 1.5);
(408201.8, 3759895.3, 0.0, 1.5);	(408201.0, 3759870.3, 0.0, 1.5);

* *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
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Appendix B

PM 24 hour Emissions unmitigated

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(408201.6, 3759847.5, 0.0, 1.5);	(408226.6, 3759847.3, 0.0, 1.5);
(408251.6, 3759846.8, 0.0, 1.5);	(408276.6, 3759846.3, 0.0, 1.5);
(408301.6, 3759846.0, 0.0, 1.5);	(408326.6, 3759845.5, 0.0, 1.5);
(408351.6, 3759845.3, 0.0, 1.5);	(408376.6, 3759844.8, 0.0, 1.5);
(408401.6, 3759844.5, 0.0, 1.5);	(408426.6, 3759844.0, 0.0, 1.5);
(408451.5, 3759843.8, 0.0, 1.5);	(408476.5, 3759843.3, 0.0, 1.5);
(408501.5, 3759842.8, 0.0, 1.5);	(408526.5, 3759842.5, 0.0, 1.5);
(408551.5, 3759842.0, 0.0, 1.5);	(408576.5, 3759841.8, 0.0, 1.5);
(408601.5, 3759841.3, 0.0, 1.5);	(408626.5, 3759841.0, 0.0, 1.5);
(408651.5, 3759840.5, 0.0, 1.5);	(408676.5, 3759840.3, 0.0, 1.5);
(408701.5, 3759839.8, 0.0, 1.5);	(408726.5, 3759839.5, 0.0, 1.5);
(408751.5, 3759839.0, 0.0, 1.5);	(408776.5, 3759838.5, 0.0, 1.5);
(408801.5, 3759838.3, 0.0, 1.5);	(408826.5, 3759837.8, 0.0, 1.5);
(408851.5, 3759837.5, 0.0, 1.5);	(408876.5, 3759837.0, 0.0, 1.5);
(408901.5, 3759836.8, 0.0, 1.5);	(408926.5, 3759836.3, 0.0, 1.5);
(408951.5, 3759836.0, 0.0, 1.5);	(408976.5, 3759835.5, 0.0, 1.5);
(409001.5, 3759835.0, 0.0, 1.5);	(409026.5, 3759834.8, 0.0, 1.5);
(409051.5, 3759834.3, 0.0, 1.5);	(409076.5, 3759834.0, 0.0, 1.5);
(409101.5, 3759833.5, 0.0, 1.5);	(409126.5, 3759833.3, 0.0, 1.5);
(409151.5, 3759833.0, 0.0, 1.5);	(409176.5, 3759832.5, 0.0, 1.5);
(409201.5, 3759832.3, 0.0, 1.5);	(409226.5, 3759832.0, 0.0, 1.5);
(409251.5, 3759831.5, 0.0, 1.5);	(409276.4, 3759831.3, 0.0, 1.5);
(409301.4, 3759831.0, 0.0, 1.5);	(409326.4, 3759830.5, 0.0, 1.5);
(409351.4, 3759830.3, 0.0, 1.5);	(409376.4, 3759830.0, 0.0, 1.5);
(409401.4, 3759829.5, 0.0, 1.5);	(409426.4, 3759829.3, 0.0, 1.5);
(409451.4, 3759829.0, 0.0, 1.5);	(409476.4, 3759828.5, 0.0, 1.5);
(409501.4, 3759828.3, 0.0, 1.5);	(409526.4, 3759828.0, 0.0, 1.5);
(409551.4, 3759827.5, 0.0, 1.5);	(409576.4, 3759827.3, 0.0, 1.5);
(409601.4, 3759827.0, 0.0, 1.5);	(409626.4, 3759826.5, 0.0, 1.5);
(409651.4, 3759826.3, 0.0, 1.5);	(409676.4, 3759826.0, 0.0, 1.5);
(409700.9, 3759821.5, 0.0, 1.5);	(409724.6, 3759813.5, 0.0, 1.5);
(409748.3, 3759805.8, 0.0, 1.5);	(409772.0, 3759797.8, 0.0, 1.5);
(407390.9, 3759093.5, 138.5, 1.5);	(407365.1, 3759080.3, 138.6, 1.5);
(407339.8, 3759067.5, 139.9, 1.5);	(407316.6, 3759058.8, 141.3, 1.5);
(407283.2, 3759053.0, 144.3, 1.5);	(407252.9, 3759048.8, 145.0, 1.5);
(407225.7, 3759048.5, 145.0, 1.5);	(407197.0, 3759050.0, 143.7, 1.5);
(407179.0, 3759048.0, 141.9, 1.5);	(407162.8, 3759027.3, 140.9, 1.5);
(407144.1, 3759004.0, 138.4, 1.5);	(407126.5, 3758984.8, 135.1, 1.5);
(407105.8, 3758967.5, 133.6, 1.5);	(407088.2, 3758951.8, 133.5, 1.5);
(407069.5, 3758935.3, 133.2, 1.5);	(407049.3, 3758918.5, 132.9, 1.5);
(407036.3, 3758905.0, 131.9, 1.5);	(407039.7, 3758879.3, 133.0, 1.5);
(407046.7, 3758854.3, 130.9, 1.5);	(407052.5, 3758829.0, 130.0, 1.5);
(407055.9, 3758804.5, 128.7, 1.5);	(407059.2, 3758781.5, 127.0, 1.5);
(407066.3, 3758771.8, 126.4, 1.5);	(407073.9, 3758765.0, 125.1, 1.5);
(407083.1, 3758759.5, 124.1, 1.5);	(407094.4, 3758756.8, 124.0, 1.5);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

07/29/11

*** ANALYSIS PEAK DAY 24hr PM emissions

11:29:13

**MODELOPTs:

CONC URBAN ELEV FLGPOL

NOCALM

PAGE 11

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(407109.3, 3758764.3, 124.6, 1.5);	(407134.6, 3758776.8, 124.4, 1.5);
(407157.8, 3758790.8, 125.3, 1.5);	(407181.6, 3758803.3, 126.5, 1.5);
(407205.4, 3758815.8, 127.4, 1.5);	(407230.7, 3758833.5, 129.5, 1.5);
(407254.0, 3758858.3, 130.5, 1.5);	(407272.7, 3758877.5, 130.6, 1.5);
(405962.5, 3758512.5, 92.0, 1.5);	(405962.5, 3758487.5, 91.0, 1.5);
(405962.5, 3758462.5, 91.0, 1.5);	(405962.5, 3758437.5, 91.0, 1.5);
(405962.5, 3758412.5, 90.3, 1.5);	(405962.5, 3758387.5, 90.3, 1.5);
(405962.5, 3758362.5, 90.0, 1.5);	(405962.5, 3758337.5, 90.0, 1.5);
(405962.5, 3758312.5, 90.0, 1.5);	(405962.5, 3758287.5, 90.0, 1.5);
(405962.5, 3758262.5, 90.0, 1.5);	(405962.5, 3758237.5, 89.2, 1.5);
(405962.5, 3758212.5, 89.1, 1.5);	(405962.5, 3758187.5, 89.0, 1.5);
(405962.5, 3758162.5, 89.0, 1.5);	(405962.5, 3758137.5, 88.3, 1.5);
(405987.5, 3758512.5, 92.8, 1.5);	(405987.5, 3758487.5, 92.0, 1.5);
(405987.5, 3758462.5, 91.3, 1.5);	(405987.5, 3758437.5, 91.0, 1.5);
(405987.5, 3758412.5, 91.0, 1.5);	(405987.5, 3758387.5, 91.0, 1.5);

Appendix B

				PM 24 hour Emissions unmitigated			
(405987.5, 3758362.5, 91.0, 1.5);				(405987.5, 3758337.5, 91.0, 1.5);			
(405987.5, 3758312.5, 91.0, 1.5);				(405987.5, 3758287.5, 91.0, 1.5);			
(405987.5, 3758262.5, 90.8, 1.5);				(405987.5, 3758237.5, 90.0, 1.5);			
(405987.5, 3758212.5, 90.0, 1.5);				(405987.5, 3758187.5, 89.8, 1.5);			
(405987.5, 3758162.5, 89.3, 1.5);				(405987.5, 3758137.5, 89.0, 1.5);			
(406012.5, 3758512.5, 93.1, 1.5);				(406012.5, 3758487.5, 93.0, 1.5);			
(406012.5, 3758462.5, 92.1, 1.5);				(406012.5, 3758437.5, 92.0, 1.5);			
(406012.5, 3758412.5, 92.0, 1.5);				(406012.5, 3758387.5, 91.3, 1.5);			
(406012.5, 3758362.5, 91.3, 1.5);				(406012.5, 3758337.5, 91.3, 1.5);			
(406012.5, 3758312.5, 91.6, 1.5);				(406012.5, 3758287.5, 91.3, 1.5);			
(406012.5, 3758262.5, 91.0, 1.5);				(406012.5, 3758237.5, 91.0, 1.5);			
(406012.5, 3758212.5, 91.0, 1.5);				(406012.5, 3758187.5, 90.3, 1.5);			
(406012.5, 3758162.5, 90.0, 1.5);				(406012.5, 3758137.5, 90.0, 1.5);			
(406037.5, 3758512.5, 94.0, 1.5);				(406037.5, 3758487.5, 93.7, 1.5);			
(406037.5, 3758462.5, 93.0, 1.5);				(406037.5, 3758437.5, 93.0, 1.5);			
(406037.5, 3758412.5, 92.8, 1.5);				(406037.5, 3758387.5, 92.0, 1.5);			
(406037.5, 3758362.5, 92.0, 1.5);				(406037.5, 3758337.5, 92.0, 1.5);			
(406037.5, 3758312.5, 92.0, 1.5);				(406037.5, 3758287.5, 92.0, 1.5);			
(406037.5, 3758262.5, 92.0, 1.5);				(406037.5, 3758237.5, 91.7, 1.5);			
(406037.5, 3758212.5, 91.0, 1.5);				(406037.5, 3758187.5, 91.0, 1.5);			
(406037.5, 3758162.5, 91.0, 1.5);				(406037.5, 3758137.5, 91.0, 1.5);			
(406062.5, 3758512.5, 95.0, 1.5);				(406062.5, 3758487.5, 94.2, 1.5);			
(406062.5, 3758462.5, 94.0, 1.5);				(406062.5, 3758437.5, 93.3, 1.5);			
(406062.5, 3758412.5, 93.1, 1.5);				(406062.5, 3758387.5, 93.0, 1.5);			
(406062.5, 3758362.5, 93.0, 1.5);				(406062.5, 3758337.5, 93.0, 1.5);			
(406062.5, 3758312.5, 93.0, 1.5);				(406062.5, 3758287.5, 93.0, 1.5);			
(406062.5, 3758262.5, 92.6, 1.5);				(406062.5, 3758237.5, 92.3, 1.5);			
(406062.5, 3758212.5, 92.0, 1.5);				(406062.5, 3758187.5, 91.3, 1.5);			
(406062.5, 3758162.5, 91.1, 1.5);				(406062.5, 3758137.5, 91.3, 1.5);			
(406087.5, 3758512.5, 95.0, 1.5);				(406087.5, 3758487.5, 95.0, 1.5);			

* ** ICST3 - VERSION 02035 * ** WHITTIER MATRIX OIL PROJECT * ** 07/29/11
 * ** ANALYSIS PEAK DAY 24hr PM emissions * ** 11:29:13
 **MODELOPTs: **
 CONC URBAN ELEV FLGPOL NOCALM PAGE 12

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406087.5, 3758462.5, 94.9, 1.5);				(406087.5, 3758437.5, 94.0, 1.5);			
(406087.5, 3758412.5, 94.0, 1.5);				(406087.5, 3758387.5, 94.0, 1.5);			
(406087.5, 3758362.5, 94.0, 1.5);				(406087.5, 3758337.5, 93.8, 1.5);			
(406087.5, 3758312.5, 93.8, 1.5);				(406087.5, 3758287.5, 93.7, 1.5);			
(406087.5, 3758262.5, 93.0, 1.5);				(406087.5, 3758237.5, 93.0, 1.5);			
(406087.5, 3758212.5, 92.8, 1.5);				(406087.5, 3758187.5, 92.0, 1.5);			
(406087.5, 3758162.5, 92.0, 1.5);				(406087.5, 3758137.5, 92.0, 1.5);			
(406112.5, 3758512.5, 96.0, 1.5);				(406112.5, 3758487.5, 96.0, 1.5);			
(406112.5, 3758462.5, 95.1, 1.5);				(406112.5, 3758437.5, 95.0, 1.5);			
(406112.5, 3758412.5, 95.0, 1.5);				(406112.5, 3758387.5, 94.2, 1.5);			
(406112.5, 3758362.5, 94.2, 1.5);				(406112.5, 3758337.5, 94.2, 1.5);			
(406112.5, 3758312.5, 94.0, 1.5);				(406112.5, 3758287.5, 94.0, 1.5);			
(406112.5, 3758262.5, 94.0, 1.5);				(406112.5, 3758237.5, 94.0, 1.5);			
(406112.5, 3758212.5, 93.3, 1.5);				(406112.5, 3758187.5, 93.3, 1.5);			
(406112.5, 3758162.5, 93.0, 1.5);				(406112.5, 3758137.5, 93.0, 1.5);			
(406137.5, 3758512.5, 97.0, 1.5);				(406137.5, 3758487.5, 96.0, 1.5);			
(406137.5, 3758462.5, 96.0, 1.5);				(406137.5, 3758437.5, 95.7, 1.5);			
(406137.5, 3758412.5, 95.0, 1.5);				(406137.5, 3758387.5, 95.0, 1.5);			
(406137.5, 3758362.5, 95.0, 1.5);				(406137.5, 3758337.5, 95.0, 1.5);			
(406137.5, 3758312.5, 95.0, 1.5);				(406137.5, 3758287.5, 95.0, 1.5);			
(406137.5, 3758262.5, 94.8, 1.5);				(406137.5, 3758237.5, 94.8, 1.5);			
(406137.5, 3758212.5, 94.3, 1.5);				(406137.5, 3758187.5, 94.0, 1.5);			
(406137.5, 3758162.5, 94.0, 1.5);				(406137.5, 3758137.5, 94.0, 1.5);			
(406162.5, 3758512.5, 97.6, 1.5);				(406162.5, 3758487.5, 97.0, 1.5);			
(406162.5, 3758462.5, 96.6, 1.5);				(406162.5, 3758437.5, 96.0, 1.5);			
(406162.5, 3758412.5, 96.0, 1.5);				(406162.5, 3758387.5, 96.0, 1.5);			
(406162.5, 3758362.5, 95.3, 1.5);				(406162.5, 3758337.5, 95.3, 1.5);			
(406162.5, 3758312.5, 95.1, 1.5);				(406162.5, 3758287.5, 95.0, 1.5);			
(406162.5, 3758262.5, 95.0, 1.5);				(406162.5, 3758237.5, 95.0, 1.5);			
(406162.5, 3758212.5, 95.0, 1.5);				(406162.5, 3758187.5, 95.0, 1.5);			
(406162.5, 3758162.5, 95.0, 1.5);				(406162.5, 3758137.5, 95.0, 1.5);			
(406187.5, 3758512.5, 98.0, 1.5);				(406187.5, 3758487.5, 97.7, 1.5);			
(406187.5, 3758462.5, 97.0, 1.5);				(406187.5, 3758437.5, 97.0, 1.5);			
(406187.5, 3758412.5, 96.9, 1.5);				(406187.5, 3758387.5, 96.7, 1.5);			
(406187.5, 3758362.5, 96.0, 1.5);				(406187.5, 3758337.5, 96.0, 1.5);			
(406187.5, 3758312.5, 96.0, 1.5);				(406187.5, 3758287.5, 96.0, 1.5);			

Appendix B

PM 24 hour Emissions unmitigated

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( 406187.5, 3758262.5, 96.0, 1.5); ( 406187.5, 3758237.5, 96.0, 1.5);
( 406187.5, 3758212.5, 96.0, 1.5); ( 406187.5, 3758187.5, 96.0, 1.5);
( 406187.5, 3758162.5, 95.8, 1.5); ( 406187.5, 3758137.5, 95.0, 1.5);
( 406212.5, 3758512.5, 99.0, 1.5); ( 406212.5, 3758487.5, 98.3, 1.5);
( 406212.5, 3758462.5, 98.0, 1.5); ( 406212.5, 3758437.5, 98.0, 1.5);
( 406212.5, 3758412.5, 97.3, 1.5); ( 406212.5, 3758387.5, 97.0, 1.5);
( 406212.5, 3758362.5, 97.3, 1.5); ( 406212.5, 3758337.5, 97.0, 1.5);
( 406212.5, 3758312.5, 97.0, 1.5); ( 406212.5, 3758287.5, 97.0, 1.5);
( 406212.5, 3758262.5, 97.0, 1.5); ( 406212.5, 3758237.5, 97.0, 1.5);
. *** ISCS T3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT ***
*** ANALYSIS PEAK DAY 24hr PM emissions ***
**MODELOPTs:
CONC URBAN ELEV FLGPOL NOCALM
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)
( 406212.5, 3758212.5, 97.0, 1.5); ( 406212.5, 3758187.5, 97.0, 1.5);
( 406212.5, 3758162.5, 96.6, 1.5); ( 406212.5, 3758137.5, 96.0, 1.5);
( 406237.5, 3758512.5, 100.3, 1.5); ( 406237.5, 3758487.5, 99.8, 1.5);
( 406237.5, 3758462.5, 99.0, 1.5); ( 406237.5, 3758437.5, 98.7, 1.5);
( 406237.5, 3758412.5, 98.0, 1.5); ( 406237.5, 3758387.5, 98.0, 1.5);
( 406237.5, 3758362.5, 98.0, 1.5); ( 406237.5, 3758337.5, 97.7, 1.5);
( 406237.5, 3758312.5, 97.7, 1.5); ( 406237.5, 3758287.5, 97.7, 1.5);
( 406237.5, 3758262.5, 97.7, 1.5); ( 406237.5, 3758237.5, 97.7, 1.5);
( 406237.5, 3758212.5, 98.0, 1.5); ( 406237.5, 3758187.5, 98.0, 1.5);
( 406237.5, 3758162.5, 97.0, 1.5); ( 406237.5, 3758137.5, 97.0, 1.5);
( 406262.5, 3758512.5, 101.6, 1.5); ( 406262.5, 3758487.5, 101.0, 1.5);
( 406262.5, 3758462.5, 100.2, 1.5); ( 406262.5, 3758437.5, 99.9, 1.5);
( 406262.5, 3758412.5, 99.1, 1.5); ( 406262.5, 3758387.5, 99.0, 1.5);
( 406262.5, 3758362.5, 99.0, 1.5); ( 406262.5, 3758337.5, 98.3, 1.5);
( 406262.5, 3758312.5, 98.0, 1.5); ( 406262.5, 3758287.5, 98.0, 1.5);
( 406262.5, 3758262.5, 98.1, 1.5); ( 406262.5, 3758237.5, 98.3, 1.5);
( 406262.5, 3758212.5, 98.0, 1.5); ( 406262.5, 3758187.5, 98.0, 1.5);
( 406262.5, 3758162.5, 98.0, 1.5); ( 406262.5, 3758137.5, 97.0, 1.5);
( 406287.5, 3758512.5, 102.4, 1.5); ( 406287.5, 3758487.5, 102.0, 1.5);
( 406287.5, 3758462.5, 101.3, 1.5); ( 406287.5, 3758437.5, 100.8, 1.5);
( 406287.5, 3758412.5, 100.3, 1.5); ( 406287.5, 3758387.5, 100.0, 1.5);
( 406287.5, 3758362.5, 99.9, 1.5); ( 406287.5, 3758337.5, 99.7, 1.5);
( 406287.5, 3758312.5, 99.0, 1.5); ( 406287.5, 3758287.5, 99.0, 1.5);
( 406287.5, 3758262.5, 99.0, 1.5); ( 406287.5, 3758237.5, 99.0, 1.5);
( 406287.5, 3758212.5, 99.0, 1.5); ( 406287.5, 3758187.5, 98.0, 1.5);
( 406287.5, 3758162.5, 98.0, 1.5); ( 406287.5, 3758137.5, 98.0, 1.5);
( 406312.5, 3758512.5, 103.1, 1.5); ( 406312.5, 3758487.5, 102.3, 1.5);
( 406312.5, 3758462.5, 102.0, 1.5); ( 406312.5, 3758437.5, 102.0, 1.5);
( 406312.5, 3758412.5, 101.3, 1.5); ( 406312.5, 3758387.5, 101.0, 1.5);
( 406312.5, 3758362.5, 101.0, 1.5); ( 406312.5, 3758337.5, 100.2, 1.5);
( 406312.5, 3758312.5, 100.0, 1.5); ( 406312.5, 3758287.5, 100.0, 1.5);
( 406312.5, 3758262.5, 100.0, 1.5); ( 406312.5, 3758237.5, 100.0, 1.5);
( 406312.5, 3758212.5, 99.1, 1.5); ( 406312.5, 3758187.5, 99.0, 1.5);
( 406312.5, 3758162.5, 98.3, 1.5); ( 406312.5, 3758137.5, 98.0, 1.5);
( 406337.5, 3758512.5, 104.0, 1.5); ( 406337.5, 3758487.5, 103.0, 1.5);
( 406337.5, 3758462.5, 102.9, 1.5); ( 406337.5, 3758437.5, 102.7, 1.5);
( 406337.5, 3758412.5, 102.0, 1.5); ( 406337.5, 3758387.5, 102.0, 1.5);
( 406337.5, 3758362.5, 101.9, 1.5); ( 406337.5, 3758337.5, 101.0, 1.5);
( 406337.5, 3758312.5, 101.0, 1.5); ( 406337.5, 3758287.5, 100.0, 1.5);
( 406337.5, 3758262.5, 100.0, 1.5); ( 406337.5, 3758237.5, 100.0, 1.5);
( 406337.5, 3758212.5, 99.5, 1.5); ( 406337.5, 3758187.5, 99.0, 1.5);
( 406337.5, 3758162.5, 99.0, 1.5); ( 406337.5, 3758137.5, 98.9, 1.5);
( 406362.5, 3758512.5, 104.6, 1.5); ( 406362.5, 3758487.5, 104.0, 1.5);
( 406362.5, 3758462.5, 104.0, 1.5); ( 406362.5, 3758437.5, 103.3, 1.5);
( 406362.5, 3758412.5, 103.1, 1.5); ( 406362.5, 3758387.5, 103.0, 1.5);
. *** ISCS T3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT ***
*** ANALYSIS PEAK DAY 24hr PM emissions ***
**MODELOPTs:
CONC URBAN ELEV FLGPOL NOCALM
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)
( 406362.5, 3758362.5, 102.0, 1.5); ( 406362.5, 3758337.5, 102.0, 1.5);
( 406362.5, 3758312.5, 102.0, 1.5); ( 406362.5, 3758287.5, 101.0, 1.5);

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*** 07/29/11
*** 11:29:13
*** PAGE 13

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**MODELOPTs:
CONC URBAN ELEV FLGPOL NOCALM

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

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*** 07/29/11
*** 11:29:13
*** PAGE 14

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Appendix B

PM 24 hour Emissions unmitigated

(406362.5, 3758262.5, 101.0, 1.5);	(406362.5, 3758237.5, 100.0, 1.5);
(406362.5, 3758212.5, 99.3, 1.5);	(406362.5, 3758187.5, 99.0, 1.5);
(406362.5, 3758162.5, 98.8, 1.5);	(406362.5, 3758137.5, 98.7, 1.5);
(406387.5, 3758512.5, 105.0, 1.5);	(406387.5, 3758487.5, 105.0, 1.5);
(406387.5, 3758462.5, 104.8, 1.5);	(406387.5, 3758437.5, 104.0, 1.5);
(406387.5, 3758412.5, 104.0, 1.5);	(406387.5, 3758387.5, 103.0, 1.5);
(406387.5, 3758362.5, 103.0, 1.5);	(406387.5, 3758337.5, 102.7, 1.5);
(406387.5, 3758312.5, 102.0, 1.5);	(406387.5, 3758287.5, 102.0, 1.5);
(406387.5, 3758262.5, 101.0, 1.5);	(406387.5, 3758237.5, 100.0, 1.5);
(406387.5, 3758212.5, 99.0, 1.5);	(406387.5, 3758187.5, 98.2, 1.5);
(406387.5, 3758162.5, 98.0, 1.5);	(406387.5, 3758137.5, 98.0, 1.5);
(406412.5, 3758512.5, 106.0, 1.5);	(406412.5, 3758487.5, 105.0, 1.5);
(406412.5, 3758462.5, 105.0, 1.5);	(406412.5, 3758437.5, 105.0, 1.5);
(406412.5, 3758412.5, 104.1, 1.5);	(406412.5, 3758387.5, 104.0, 1.5);
(406412.5, 3758362.5, 103.6, 1.5);	(406412.5, 3758337.5, 103.0, 1.5);
(406412.5, 3758312.5, 102.6, 1.5);	(406412.5, 3758287.5, 102.0, 1.5);
(406412.5, 3758262.5, 100.8, 1.5);	(406412.5, 3758237.5, 99.0, 1.5);
(406412.5, 3758212.5, 98.3, 1.5);	(406412.5, 3758187.5, 98.0, 1.5);
(406412.5, 3758162.5, 98.0, 1.5);	(406412.5, 3758137.5, 98.0, 1.5);
(406437.5, 3758512.5, 106.3, 1.5);	(406437.5, 3758487.5, 106.0, 1.5);
(406437.5, 3758462.5, 105.3, 1.5);	(406437.5, 3758437.5, 105.0, 1.5);
(406437.5, 3758412.5, 105.0, 1.5);	(406437.5, 3758387.5, 104.7, 1.5);
(406437.5, 3758362.5, 104.0, 1.5);	(406437.5, 3758337.5, 104.0, 1.5);
(406437.5, 3758312.5, 103.0, 1.5);	(406437.5, 3758287.5, 102.0, 1.5);
(406437.5, 3758262.5, 100.0, 1.5);	(406437.5, 3758237.5, 98.2, 1.5);
(406437.5, 3758212.5, 98.0, 1.5);	(406437.5, 3758187.5, 98.0, 1.5);
(406437.5, 3758162.5, 98.0, 1.5);	(406437.5, 3758137.5, 98.0, 1.5);
(406462.5, 3758512.5, 107.0, 1.5);	(406462.5, 3758487.5, 106.0, 1.5);
(406462.5, 3758462.5, 106.0, 1.5);	(406462.5, 3758437.5, 105.2, 1.5);
(406462.5, 3758412.5, 105.0, 1.5);	(406462.5, 3758387.5, 105.0, 1.5);
(406462.5, 3758362.5, 104.6, 1.5);	(406462.5, 3758337.5, 104.0, 1.5);
(406462.5, 3758312.5, 103.6, 1.5);	(406462.5, 3758287.5, 102.3, 1.5);
(406462.5, 3758262.5, 99.3, 1.5);	(406462.5, 3758237.5, 98.0, 1.5);
(406462.5, 3758212.5, 98.0, 1.5);	(406462.5, 3758187.5, 98.3, 1.5);
(406462.5, 3758162.5, 98.6, 1.5);	(406462.5, 3758137.5, 99.2, 1.5);
(406487.5, 3758512.5, 107.9, 1.5);	(406487.5, 3758487.5, 107.0, 1.5);
(406487.5, 3758462.5, 106.0, 1.5);	(406487.5, 3758437.5, 106.0, 1.5);
(406487.5, 3758412.5, 105.0, 1.5);	(406487.5, 3758387.5, 105.0, 1.5);
(406487.5, 3758362.5, 105.0, 1.5);	(406487.5, 3758337.5, 104.0, 1.5);
(406487.5, 3758312.5, 104.0, 1.5);	(406487.5, 3758287.5, 103.0, 1.5);
(406487.5, 3758262.5, 98.5, 1.5);	(406487.5, 3758237.5, 98.0, 1.5);
(406487.5, 3758212.5, 98.9, 1.5);	(406487.5, 3758187.5, 99.8, 1.5);
(406487.5, 3758162.5, 100.0, 1.5);	(406487.5, 3758137.5, 100.8, 1.5);

* *** ICSCT3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 MODELOPTs: * ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
 CONC URBAN ELEV FLGPOL NOCALM *** PAGE 15

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406512.5, 3758512.5, 108.0, 1.5);	(406512.5, 3758487.5, 107.0, 1.5);
(406512.5, 3758462.5, 106.0, 1.5);	(406512.5, 3758437.5, 105.0, 1.5);
(406512.5, 3758412.5, 105.0, 1.5);	(406512.5, 3758387.5, 105.0, 1.5);
(406512.5, 3758362.5, 104.3, 1.5);	(406512.5, 3758337.5, 104.0, 1.5);
(406512.5, 3758312.5, 103.2, 1.5);	(406512.5, 3758287.5, 100.9, 1.5);
(406512.5, 3758262.5, 98.0, 1.5);	(406512.5, 3758237.5, 98.6, 1.5);
(406512.5, 3758212.5, 101.9, 1.5);	(406512.5, 3758187.5, 102.0, 1.5);
(406512.5, 3758162.5, 102.0, 1.5);	(406512.5, 3758137.5, 102.0, 1.5);
(406537.5, 3758512.5, 108.4, 1.5);	(406537.5, 3758487.5, 107.0, 1.5);
(406537.5, 3758462.5, 106.0, 1.5);	(406537.5, 3758437.5, 105.0, 1.5);
(406537.5, 3758412.5, 105.0, 1.5);	(406537.5, 3758387.5, 104.2, 1.5);
(406537.5, 3758362.5, 103.6, 1.5);	(406537.5, 3758337.5, 103.0, 1.5);
(406537.5, 3758312.5, 102.4, 1.5);	(406537.5, 3758287.5, 101.7, 1.5);
(406537.5, 3758262.5, 102.0, 1.5);	(406537.5, 3758237.5, 104.7, 1.5);
(406537.5, 3758212.5, 103.8, 1.5);	(406537.5, 3758187.5, 103.0, 1.5);
(406537.5, 3758162.5, 102.4, 1.5);	(406537.5, 3758137.5, 102.0, 1.5);
(406562.5, 3758512.5, 108.6, 1.5);	(406562.5, 3758487.5, 107.0, 1.5);
(406562.5, 3758462.5, 105.8, 1.5);	(406562.5, 3758437.5, 105.0, 1.5);
(406562.5, 3758412.5, 104.0, 1.5);	(406562.5, 3758387.5, 103.0, 1.5);
(406562.5, 3758362.5, 103.0, 1.5);	(406562.5, 3758337.5, 103.0, 1.5);
(406562.5, 3758312.5, 103.3, 1.5);	(406562.5, 3758287.5, 104.0, 1.5);
(406562.5, 3758262.5, 104.6, 1.5);	(406562.5, 3758237.5, 105.0, 1.5);
(406562.5, 3758212.5, 104.2, 1.5);	(406562.5, 3758187.5, 104.0, 1.5);

Appendix B

PM 24 hour Emissions unmitigated

(406562.5, 3758162.5, 103.3, 1.5);	(406562.5, 3758137.5, 103.0, 1.5);
(406587.5, 3758512.5, 109.0, 1.5);	(406587.5, 3758487.5, 107.2, 1.5);
(406587.5, 3758462.5, 105.5, 1.5);	(406587.5, 3758437.5, 104.0, 1.5);
(406587.5, 3758412.5, 104.0, 1.5);	(406587.5, 3758387.5, 103.7, 1.5);
(406587.5, 3758362.5, 103.4, 1.5);	(406587.5, 3758337.5, 103.8, 1.5);
(406587.5, 3758312.5, 104.9, 1.5);	(406587.5, 3758287.5, 105.0, 1.5);
(406587.5, 3758262.5, 105.0, 1.5);	(406587.5, 3758237.5, 105.0, 1.5);
(406587.5, 3758212.5, 105.0, 1.5);	(406587.5, 3758187.5, 104.8, 1.5);
(406587.5, 3758162.5, 104.0, 1.5);	(406587.5, 3758137.5, 103.8, 1.5);
(406612.5, 3758512.5, 109.0, 1.5);	(406612.5, 3758487.5, 107.0, 1.5);
(406612.5, 3758462.5, 104.7, 1.5);	(406612.5, 3758437.5, 104.0, 1.5);
(406612.5, 3758412.5, 104.0, 1.5);	(406612.5, 3758387.5, 103.3, 1.5);
(406612.5, 3758362.5, 104.6, 1.5);	(406612.5, 3758337.5, 105.6, 1.5);
(406612.5, 3758312.5, 106.4, 1.5);	(406612.5, 3758287.5, 106.3, 1.5);
(406612.5, 3758262.5, 106.3, 1.5);	(406612.5, 3758237.5, 106.0, 1.5);
(406612.5, 3758212.5, 105.6, 1.5);	(406612.5, 3758187.5, 105.0, 1.5);
(406612.5, 3758162.5, 105.0, 1.5);	(406612.5, 3758137.5, 105.0, 1.5);
(406637.5, 3758512.5, 108.1, 1.5);	(406637.5, 3758487.5, 107.0, 1.5);
(406637.5, 3758462.5, 105.5, 1.5);	(406637.5, 3758437.5, 104.0, 1.5);
(406637.5, 3758412.5, 104.4, 1.5);	(406637.5, 3758387.5, 105.8, 1.5);
(406637.5, 3758362.5, 107.3, 1.5);	(406637.5, 3758337.5, 108.8, 1.5);
(406637.5, 3758312.5, 108.8, 1.5);	(406637.5, 3758287.5, 108.0, 1.5);

• *** ISCS7 - VERSION 02035 *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK DAY 24hr PM emissions

*** 07/29/11
 *** 11:29:13
 *** PAGE 16

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406637.5, 3758262.5, 107.4, 1.5);	(406637.5, 3758237.5, 106.7, 1.5);
(406637.5, 3758212.5, 106.0, 1.5);	(406637.5, 3758187.5, 105.7, 1.5);
(406637.5, 3758162.5, 105.0, 1.5);	(406637.5, 3758137.5, 105.0, 1.5);
(406662.5, 3758512.5, 109.0, 1.5);	(406662.5, 3758487.5, 108.0, 1.5);
(406662.5, 3758462.5, 107.2, 1.5);	(406662.5, 3758437.5, 107.3, 1.5);
(406662.5, 3758412.5, 108.3, 1.5);	(406662.5, 3758387.5, 108.3, 1.5);
(406662.5, 3758362.5, 109.2, 1.5);	(406662.5, 3758337.5, 110.0, 1.5);
(406662.5, 3758312.5, 109.6, 1.5);	(406662.5, 3758287.5, 109.0, 1.5);
(406662.5, 3758262.5, 108.0, 1.5);	(406662.5, 3758237.5, 107.3, 1.5);
(406662.5, 3758212.5, 107.0, 1.5);	(406662.5, 3758187.5, 106.0, 1.5);
(406662.5, 3758162.5, 106.0, 1.5);	(406662.5, 3758137.5, 105.0, 1.5);
(406687.5, 3758512.5, 109.0, 1.5);	(406687.5, 3758487.5, 109.0, 1.5);
(406687.5, 3758462.5, 109.0, 1.5);	(406687.5, 3758437.5, 109.8, 1.5);
(406687.5, 3758412.5, 110.0, 1.5);	(406687.5, 3758387.5, 109.8, 1.5);
(406687.5, 3758362.5, 110.4, 1.5);	(406687.5, 3758337.5, 110.7, 1.5);
(406687.5, 3758312.5, 110.0, 1.5);	(406687.5, 3758287.5, 109.0, 1.5);
(406687.5, 3758262.5, 108.4, 1.5);	(406687.5, 3758237.5, 108.0, 1.5);
(406687.5, 3758212.5, 107.0, 1.5);	(406687.5, 3758187.5, 107.0, 1.5);
(406687.5, 3758162.5, 106.0, 1.5);	(406687.5, 3758137.5, 105.0, 1.5);
(406712.5, 3758512.5, 109.0, 1.5);	(406712.5, 3758487.5, 109.3, 1.5);
(406712.5, 3758462.5, 110.0, 1.5);	(406712.5, 3758437.5, 110.2, 1.5);
(406712.5, 3758412.5, 111.0, 1.5);	(406712.5, 3758387.5, 111.0, 1.5);
(406712.5, 3758362.5, 111.0, 1.5);	(406712.5, 3758337.5, 110.9, 1.5);
(406712.5, 3758312.5, 110.0, 1.5);	(406712.5, 3758287.5, 109.0, 1.5);
(406712.5, 3758262.5, 109.0, 1.5);	(406712.5, 3758237.5, 108.0, 1.5);
(406712.5, 3758212.5, 108.0, 1.5);	(406712.5, 3758187.5, 107.0, 1.5);
(406712.5, 3758162.5, 106.1, 1.5);	(406712.5, 3758137.5, 105.0, 1.5);
(406737.5, 3758512.5, 109.5, 1.5);	(406737.5, 3758487.5, 110.0, 1.5);
(406737.5, 3758462.5, 110.9, 1.5);	(406737.5, 3758437.5, 111.0, 1.5);
(406737.5, 3758412.5, 111.4, 1.5);	(406737.5, 3758387.5, 111.8, 1.5);
(406737.5, 3758362.5, 112.0, 1.5);	(406737.5, 3758337.5, 111.0, 1.5);
(406737.5, 3758312.5, 110.3, 1.5);	(406737.5, 3758287.5, 110.0, 1.5);
(406737.5, 3758262.5, 109.0, 1.5);	(406737.5, 3758237.5, 109.0, 1.5);
(406737.5, 3758212.5, 108.0, 1.5);	(406737.5, 3758187.5, 107.0, 1.5);
(406737.5, 3758162.5, 106.0, 1.5);	(406737.5, 3758137.5, 105.0, 1.5);
(406762.5, 3758512.5, 110.0, 1.5);	(406762.5, 3758487.5, 111.0, 1.5);
(406762.5, 3758462.5, 111.3, 1.5);	(406762.5, 3758437.5, 112.0, 1.5);
(406762.5, 3758412.5, 112.0, 1.5);	(406762.5, 3758387.5, 112.0, 1.5);
(406762.5, 3758362.5, 112.3, 1.5);	(406762.5, 3758337.5, 112.0, 1.5);
(406762.5, 3758312.5, 111.1, 1.5);	(406762.5, 3758287.5, 110.2, 1.5);
(406762.5, 3758262.5, 110.0, 1.5);	(406762.5, 3758237.5, 109.0, 1.5);
(406762.5, 3758212.5, 108.6, 1.5);	(406762.5, 3758187.5, 107.0, 1.5);
(406762.5, 3758162.5, 106.0, 1.5);	(406762.5, 3758137.5, 105.0, 1.5);
(406787.5, 3758512.5, 110.0, 1.5);	(406787.5, 3758487.5, 111.0, 1.5);

Appendix B

PM 24 hour Emissions unmitigated

(406787.5, 3758462.5, 112.0, 1.5); (406787.5, 3758437.5, 112.7, 1.5);

*** IS CST3 - VERSION 02035 *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK DAY 24hr PM emissions

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 *** 11:29:13
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**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406787.5, 3758412.5, 113.0, 1.5);	(406787.5, 3758387.5, 113.0, 1.5);
(406787.5, 3758362.5, 113.4, 1.5);	(406787.5, 3758337.5, 112.7, 1.5);
(406787.5, 3758312.5, 112.0, 1.5);	(406787.5, 3758287.5, 111.7, 1.5);
(406787.5, 3758262.5, 110.3, 1.5);	(406787.5, 3758237.5, 109.9, 1.5);
(406787.5, 3758212.5, 109.0, 1.5);	(406787.5, 3758187.5, 107.0, 1.5);
(406787.5, 3758162.5, 106.0, 1.5);	(406787.5, 3758137.5, 104.2, 1.5);
(406812.5, 3758512.5, 110.6, 1.5);	(406812.5, 3758487.5, 112.0, 1.5);
(406812.5, 3758462.5, 112.6, 1.5);	(406812.5, 3758437.5, 113.3, 1.5);
(406812.5, 3758412.5, 114.1, 1.5);	(406812.5, 3758387.5, 114.2, 1.5);
(406812.5, 3758362.5, 114.2, 1.5);	(406812.5, 3758337.5, 114.0, 1.5);
(406812.5, 3758312.5, 112.6, 1.5);	(406812.5, 3758287.5, 112.0, 1.5);
(406812.5, 3758262.5, 111.1, 1.5);	(406812.5, 3758237.5, 110.0, 1.5);
(406812.5, 3758212.5, 109.0, 1.5);	(406812.5, 3758187.5, 108.0, 1.5);
(406812.5, 3758162.5, 105.5, 1.5);	(406812.5, 3758137.5, 104.0, 1.5);
(406837.5, 3758512.5, 111.7, 1.5);	(406837.5, 3758487.5, 112.0, 1.5);
(406837.5, 3758462.5, 113.0, 1.5);	(406837.5, 3758437.5, 114.0, 1.5);
(406837.5, 3758412.5, 115.4, 1.5);	(406837.5, 3758387.5, 115.8, 1.5);
(406837.5, 3758362.5, 115.3, 1.5);	(406837.5, 3758337.5, 115.0, 1.5);
(406837.5, 3758312.5, 113.8, 1.5);	(406837.5, 3758287.5, 112.0, 1.5);
(406837.5, 3758262.5, 110.6, 1.5);	(406837.5, 3758237.5, 109.2, 1.5);
(406837.5, 3758212.5, 109.0, 1.5);	(406837.5, 3758187.5, 108.0, 1.5);
(406837.5, 3758162.5, 106.2, 1.5);	(406837.5, 3758137.5, 104.8, 1.5);
(406862.5, 3758512.5, 112.3, 1.5);	(406862.5, 3758487.5, 113.0, 1.5);
(406862.5, 3758462.5, 114.0, 1.5);	(406862.5, 3758437.5, 115.0, 1.5);
(406862.5, 3758412.5, 116.0, 1.5);	(406862.5, 3758387.5, 116.3, 1.5);
(406862.5, 3758362.5, 116.0, 1.5);	(406862.5, 3758337.5, 115.9, 1.5);
(406862.5, 3758312.5, 114.5, 1.5);	(406862.5, 3758287.5, 110.9, 1.5);
(406862.5, 3758262.5, 109.3, 1.5);	(406862.5, 3758237.5, 109.2, 1.5);
(406862.5, 3758212.5, 109.2, 1.5);	(406862.5, 3758187.5, 109.0, 1.5);
(406862.5, 3758162.5, 109.0, 1.5);	(406862.5, 3758137.5, 108.3, 1.5);
(406887.5, 3758512.5, 113.8, 1.5);	(406887.5, 3758487.5, 114.0, 1.5);
(406887.5, 3758462.5, 114.4, 1.5);	(406887.5, 3758437.5, 115.8, 1.5);
(406887.5, 3758412.5, 116.4, 1.5);	(406887.5, 3758387.5, 117.0, 1.5);
(406887.5, 3758362.5, 116.9, 1.5);	(406887.5, 3758337.5, 116.0, 1.5);
(406887.5, 3758312.5, 112.9, 1.5);	(406887.5, 3758287.5, 109.2, 1.5);
(406887.5, 3758262.5, 109.8, 1.5);	(406887.5, 3758237.5, 110.8, 1.5);
(406887.5, 3758212.5, 111.7, 1.5);	(406887.5, 3758187.5, 111.5, 1.5);
(406887.5, 3758162.5, 111.5, 1.5);	(406887.5, 3758137.5, 111.7, 1.5);
(406912.5, 3758512.5, 114.6, 1.5);	(406912.5, 3758487.5, 115.0, 1.5);
(406912.5, 3758462.5, 115.0, 1.5);	(406912.5, 3758437.5, 116.0, 1.5);
(406912.5, 3758412.5, 117.5, 1.5);	(406912.5, 3758387.5, 118.0, 1.5);
(406912.5, 3758362.5, 117.0, 1.5);	(406912.5, 3758337.5, 115.9, 1.5);
(406912.5, 3758312.5, 111.6, 1.5);	(406912.5, 3758287.5, 109.0, 1.5);
(406912.5, 3758262.5, 111.9, 1.5);	(406912.5, 3758237.5, 114.5, 1.5);
(406912.5, 3758212.5, 114.9, 1.5);	(406912.5, 3758187.5, 114.5, 1.5);

*** IS CST3 - VERSION 02035 *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK DAY 24hr PM emissions

*** 07/29/11
 *** 11:29:13
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**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406912.5, 3758162.5, 114.5, 1.5);	(406912.5, 3758137.5, 114.5, 1.5);
(406937.5, 3758512.5, 116.0, 1.5);	(406937.5, 3758487.5, 116.0, 1.5);
(406937.5, 3758462.5, 115.9, 1.5);	(406937.5, 3758437.5, 116.0, 1.5);
(406937.5, 3758412.5, 117.9, 1.5);	(406937.5, 3758387.5, 118.0, 1.5);
(406937.5, 3758362.5, 117.0, 1.5);	(406937.5, 3758337.5, 115.2, 1.5);
(406937.5, 3758312.5, 111.9, 1.5);	(406937.5, 3758287.5, 113.4, 1.5);
(406937.5, 3758262.5, 116.2, 1.5);	(406937.5, 3758237.5, 118.8, 1.5);
(406937.5, 3758212.5, 119.5, 1.5);	(406937.5, 3758187.5, 119.5, 1.5);
(406937.5, 3758162.5, 118.9, 1.5);	(406937.5, 3758137.5, 117.7, 1.5);
(406962.5, 3758512.5, 118.5, 1.5);	(406962.5, 3758487.5, 118.5, 1.5);

Appendix B

PM 24 hour Emissions unmitigated

(406962.5, 3758462.5, 118.5, 1.5);	(406962.5, 3758437.5, 118.3, 1.5);		
(406962.5, 3758412.5, 119.2, 1.5);	(406962.5, 3758387.5, 118.9, 1.5);		
(406962.5, 3758362.5, 116.3, 1.5);	(406962.5, 3758337.5, 114.9, 1.5);		
(406962.5, 3758312.5, 115.2, 1.5);	(406962.5, 3758287.5, 117.3, 1.5);		
(406962.5, 3758262.5, 121.1, 1.5);	(406962.5, 3758237.5, 122.3, 1.5);		
(406962.5, 3758212.5, 122.6, 1.5);	(406962.5, 3758187.5, 123.0, 1.5);		
(406962.5, 3758162.5, 121.4, 1.5);	(406962.5, 3758137.5, 118.9, 1.5);		
(406987.5, 3758512.5, 121.6, 1.5);	(406987.5, 3758487.5, 121.7, 1.5);		
(406987.5, 3758462.5, 120.8, 1.5);	(406987.5, 3758437.5, 120.8, 1.5);		
(406987.5, 3758412.5, 120.3, 1.5);	(406987.5, 3758387.5, 118.9, 1.5);		
(406987.5, 3758362.5, 116.0, 1.5);	(406987.5, 3758337.5, 115.0, 1.5);		
(406987.5, 3758312.5, 115.5, 1.5);	(406987.5, 3758287.5, 119.0, 1.5);		
(406987.5, 3758262.5, 122.9, 1.5);	(406987.5, 3758237.5, 123.0, 1.5);		
(406987.5, 3758212.5, 123.1, 1.5);	(406987.5, 3758187.5, 122.2, 1.5);		
(406987.5, 3758162.5, 119.3, 1.5);	(406987.5, 3758137.5, 116.2, 1.5);		
(407012.5, 3758512.5, 123.0, 1.5);	(407012.5, 3758487.5, 123.0, 1.5);		
(407012.5, 3758462.5, 123.0, 1.5);	(407012.5, 3758437.5, 122.3, 1.5);		
(407012.5, 3758412.5, 121.4, 1.5);	(407012.5, 3758387.5, 119.9, 1.5);		
(407012.5, 3758362.5, 118.2, 1.5);	(407012.5, 3758337.5, 118.5, 1.5);		
(407012.5, 3758312.5, 118.5, 1.5);	(407012.5, 3758287.5, 121.3, 1.5);		
(407012.5, 3758262.5, 122.7, 1.5);	(407012.5, 3758237.5, 122.0, 1.5);		
(407012.5, 3758212.5, 121.4, 1.5);	(407012.5, 3758187.5, 118.9, 1.5);		
(407012.5, 3758162.5, 115.6, 1.5);	(407012.5, 3758137.5, 115.5, 1.5);		
(407037.5, 3758512.5, 123.4, 1.5);	(407037.5, 3758487.5, 124.0, 1.5);		
(407037.5, 3758462.5, 123.8, 1.5);	(407037.5, 3758437.5, 123.7, 1.5);		
(407037.5, 3758412.5, 122.9, 1.5);	(407037.5, 3758387.5, 121.7, 1.5);		
(407037.5, 3758362.5, 121.7, 1.5);	(407037.5, 3758337.5, 122.7, 1.5);		
(407037.5, 3758312.5, 122.7, 1.5);	(407037.5, 3758287.5, 122.7, 1.5);		
(407037.5, 3758262.5, 122.0, 1.5);	(407037.5, 3758237.5, 121.2, 1.5);		
(407037.5, 3758212.5, 120.9, 1.5);	(407037.5, 3758187.5, 121.3, 1.5);		
(407037.5, 3758162.5, 121.5, 1.5);	(407037.5, 3758137.5, 121.5, 1.5);		
(407062.5, 3758512.5, 123.8, 1.5);	(407062.5, 3758487.5, 125.2, 1.5);		
(407062.5, 3758462.5, 125.2, 1.5);	(407062.5, 3758437.5, 125.2, 1.5);		
(407062.5, 3758412.5, 124.2, 1.5);	(407062.5, 3758387.5, 123.3, 1.5);		
(407062.5, 3758362.5, 123.3, 1.5);	(407062.5, 3758337.5, 124.0, 1.5);		
*** ISCSST3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT	***	07/29/11
	*** ANALYSIS PEAK DAY 24hr PM emissions	***	11:29:13
**MODELOPTs:			PAGE 19
CONC	URBAN ELEV FLGPOL	NOCALM	
	*** DISCRETE CARTESIAN RECEPTORS ***		
	(X-COORD, Y-COORD, ZELEV, ZFLAG)		
	(METERS)		
(407062.5, 3758312.5, 124.0, 1.5);	(407062.5, 3758287.5, 123.2, 1.5);		
(407062.5, 3758262.5, 122.6, 1.5);	(407062.5, 3758237.5, 122.0, 1.5);		
(407062.5, 3758212.5, 122.6, 1.5);	(407062.5, 3758187.5, 123.0, 1.5);		
(407062.5, 3758162.5, 123.0, 1.5);	(407062.5, 3758137.5, 123.0, 1.5);		
(407087.5, 3758512.5, 126.3, 1.5);	(407087.5, 3758487.5, 127.0, 1.5);		
(407087.5, 3758462.5, 127.7, 1.5);	(407087.5, 3758437.5, 126.9, 1.5);		
(407087.5, 3758412.5, 126.3, 1.5);	(407087.5, 3758387.5, 125.8, 1.5);		
(407087.5, 3758362.5, 125.8, 1.5);	(407087.5, 3758337.5, 125.8, 1.5);		
(407087.5, 3758312.5, 125.8, 1.5);	(407087.5, 3758287.5, 125.7, 1.5);		
(407087.5, 3758262.5, 124.8, 1.5);	(407087.5, 3758237.5, 123.7, 1.5);		
(407087.5, 3758212.5, 123.7, 1.5);	(407087.5, 3758187.5, 124.0, 1.5);		
(407087.5, 3758162.5, 124.0, 1.5);	(407087.5, 3758137.5, 124.0, 1.5);		
(407112.5, 3758512.5, 127.8, 1.5);	(407112.5, 3758487.5, 129.2, 1.5);		
(407112.5, 3758462.5, 129.2, 1.5);	(407112.5, 3758437.5, 129.2, 1.5);		
(407112.5, 3758412.5, 128.1, 1.5);	(407112.5, 3758387.5, 127.0, 1.5);		
(407112.5, 3758362.5, 127.0, 1.5);	(407112.5, 3758337.5, 127.0, 1.5);		
(407112.5, 3758312.5, 127.1, 1.5);	(407112.5, 3758287.5, 127.3, 1.5);		
(407112.5, 3758262.5, 127.1, 1.5);	(407112.5, 3758237.5, 126.2, 1.5);		
(407112.5, 3758212.5, 126.1, 1.5);	(407112.5, 3758187.5, 126.0, 1.5);		
(407112.5, 3758162.5, 125.2, 1.5);	(407112.5, 3758137.5, 124.2, 1.5);		
(407137.5, 3758512.5, 130.3, 1.5);	(407137.5, 3758487.5, 132.6, 1.5);		
(407137.5, 3758462.5, 132.6, 1.5);	(407137.5, 3758437.5, 130.8, 1.5);		
(407137.5, 3758412.5, 129.8, 1.5);	(407137.5, 3758387.5, 128.7, 1.5);		
(407137.5, 3758362.5, 128.0, 1.5);	(407137.5, 3758337.5, 128.7, 1.5);		
(407137.5, 3758312.5, 128.7, 1.5);	(407137.5, 3758287.5, 129.8, 1.5);		
(407137.5, 3758262.5, 128.8, 1.5);	(407137.5, 3758237.5, 128.7, 1.5);		
(407137.5, 3758212.5, 127.3, 1.5);	(407137.5, 3758187.5, 127.7, 1.5);		
(407137.5, 3758162.5, 127.7, 1.5);	(407137.5, 3758137.5, 126.7, 1.5);		
(407162.5, 3758512.5, 132.4, 1.5);	(407162.5, 3758487.5, 134.6, 1.5);		
(407162.5, 3758462.5, 136.0, 1.5);	(407162.5, 3758437.5, 133.2, 1.5);		
(407162.5, 3758412.5, 131.7, 1.5);	(407162.5, 3758387.5, 131.2, 1.5);		

Appendix B

PM 24 hour Emissions unmitigated

(407162.5, 3758362.5, 130.2, 1.5);	(407162.5, 3758337.5, 130.2, 1.5);	
(407162.5, 3758312.5, 131.2, 1.5);	(407162.5, 3758287.5, 131.2, 1.5);	
(407162.5, 3758262.5, 131.2, 1.5);	(407162.5, 3758237.5, 131.5, 1.5);	
(407162.5, 3758212.5, 131.7, 1.5);	(407162.5, 3758187.5, 131.8, 1.5);	
(407162.5, 3758162.5, 131.5, 1.5);	(407162.5, 3758137.5, 129.5, 1.5);	
(407187.5, 3758512.5, 140.1, 1.5);	(407187.5, 3758487.5, 141.7, 1.5);	
(407187.5, 3758462.5, 139.3, 1.5);	(407187.5, 3758437.5, 136.5, 1.5);	
(407187.5, 3758412.5, 133.8, 1.5);	(407187.5, 3758387.5, 132.7, 1.5);	
(407187.5, 3758362.5, 132.7, 1.5);	(407187.5, 3758337.5, 132.7, 1.5);	
(407187.5, 3758312.5, 132.9, 1.5);	(407187.5, 3758287.5, 133.7, 1.5);	
(407187.5, 3758262.5, 133.9, 1.5);	(407187.5, 3758237.5, 134.8, 1.5);	
(407187.5, 3758212.5, 136.2, 1.5);	(407187.5, 3758187.5, 137.5, 1.5);	
(407187.5, 3758162.5, 136.9, 1.5);	(407187.5, 3758137.5, 134.5, 1.5);	
(407212.5, 3758512.5, 142.0, 1.5);	(407212.5, 3758487.5, 142.3, 1.5);	

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
 MODELOPTs: * PAGE 20

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(407212.5, 3758462.5, 141.1, 1.5);	(407212.5, 3758437.5, 140.9, 1.5);	
(407212.5, 3758412.5, 137.7, 1.5);	(407212.5, 3758387.5, 135.2, 1.5);	
(407212.5, 3758362.5, 135.1, 1.5);	(407212.5, 3758337.5, 135.0, 1.5);	
(407212.5, 3758312.5, 135.1, 1.5);	(407212.5, 3758287.5, 135.2, 1.5);	
(407212.5, 3758262.5, 136.1, 1.5);	(407212.5, 3758237.5, 137.0, 1.5);	
(407212.5, 3758212.5, 139.8, 1.5);	(407212.5, 3758187.5, 141.0, 1.5);	
(407212.5, 3758162.5, 140.5, 1.5);	(407212.5, 3758137.5, 136.9, 1.5);	
(407237.5, 3758512.5, 143.0, 1.5);	(407237.5, 3758487.5, 143.7, 1.5);	
(407237.5, 3758462.5, 143.7, 1.5);	(407237.5, 3758437.5, 142.7, 1.5);	
(407237.5, 3758412.5, 140.2, 1.5);	(407237.5, 3758387.5, 137.7, 1.5);	
(407237.5, 3758362.5, 136.7, 1.5);	(407237.5, 3758337.5, 136.7, 1.5);	
(407237.5, 3758312.5, 137.2, 1.5);	(407237.5, 3758287.5, 137.7, 1.5);	
(407237.5, 3758262.5, 137.9, 1.5);	(407237.5, 3758237.5, 138.0, 1.5);	
(407237.5, 3758212.5, 140.1, 1.5);	(407237.5, 3758187.5, 140.2, 1.5);	
(407237.5, 3758162.5, 138.7, 1.5);	(407237.5, 3758137.5, 136.2, 1.5);	
(407262.5, 3758512.5, 144.2, 1.5);	(407262.5, 3758487.5, 145.0, 1.5);	
(407262.5, 3758462.5, 145.1, 1.5);	(407262.5, 3758437.5, 146.3, 1.5);	
(407262.5, 3758412.5, 144.8, 1.5);	(407262.5, 3758387.5, 139.9, 1.5);	
(407262.5, 3758362.5, 138.3, 1.5);	(407262.5, 3758337.5, 138.3, 1.5);	
(407262.5, 3758312.5, 139.2, 1.5);	(407262.5, 3758287.5, 139.3, 1.5);	
(407262.5, 3758262.5, 140.0, 1.5);	(407262.5, 3758237.5, 139.2, 1.5);	
(407262.5, 3758212.5, 138.3, 1.5);	(407262.5, 3758187.5, 137.7, 1.5);	
(407262.5, 3758162.5, 136.6, 1.5);	(407262.5, 3758137.5, 134.7, 1.5);	
(407287.5, 3758512.5, 146.3, 1.5);	(407287.5, 3758487.5, 145.8, 1.5);	
(407287.5, 3758462.5, 146.9, 1.5);	(407287.5, 3758437.5, 147.7, 1.5);	
(407287.5, 3758412.5, 146.9, 1.5);	(407287.5, 3758387.5, 142.5, 1.5);	
(407287.5, 3758362.5, 139.3, 1.5);	(407287.5, 3758337.5, 140.0, 1.5);	
(407287.5, 3758312.5, 140.8, 1.5);	(407287.5, 3758287.5, 141.0, 1.5);	
(407287.5, 3758262.5, 141.0, 1.5);	(407287.5, 3758237.5, 139.0, 1.5);	
(407287.5, 3758212.5, 135.9, 1.5);	(407287.5, 3758187.5, 135.2, 1.5);	
(407287.5, 3758162.5, 135.8, 1.5);	(407287.5, 3758137.5, 134.0, 1.5);	
(407312.5, 3758512.5, 150.1, 1.5);	(407312.5, 3758487.5, 151.2, 1.5);	
(407312.5, 3758462.5, 149.7, 1.5);	(407312.5, 3758437.5, 148.9, 1.5);	
(407312.5, 3758412.5, 147.9, 1.5);	(407312.5, 3758387.5, 144.9, 1.5);	
(407312.5, 3758362.5, 140.6, 1.5);	(407312.5, 3758337.5, 140.0, 1.5);	
(407312.5, 3758312.5, 140.8, 1.5);	(407312.5, 3758287.5, 140.7, 1.5);	
(407312.5, 3758262.5, 139.2, 1.5);	(407312.5, 3758237.5, 135.7, 1.5);	
(407312.5, 3758212.5, 133.7, 1.5);	(407312.5, 3758187.5, 133.7, 1.5);	
(407312.5, 3758162.5, 135.0, 1.5);	(407312.5, 3758137.5, 135.2, 1.5);	
(407337.5, 3758512.5, 153.3, 1.5);	(407337.5, 3758487.5, 152.9, 1.5);	
(407337.5, 3758462.5, 151.4, 1.5);	(407337.5, 3758437.5, 149.7, 1.5);	
(407337.5, 3758412.5, 147.9, 1.5);	(407337.5, 3758387.5, 145.9, 1.5);	
(407337.5, 3758362.5, 140.5, 1.5);	(407337.5, 3758337.5, 139.2, 1.5);	
(407337.5, 3758312.5, 138.3, 1.5);	(407337.5, 3758287.5, 137.2, 1.5);	
(407337.5, 3758262.5, 135.8, 1.5);	(407337.5, 3758237.5, 134.2, 1.5);	

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
 MODELOPTs: * PAGE 21

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***

Appendix B

PM 24 hour Emissions unmitigated
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(407337.5, 3758212.5, 132.4, 1.5);	(407337.5, 3758187.5, 132.2, 1.5);
(407337.5, 3758162.5, 134.5, 1.5);	(407337.5, 3758137.5, 135.0, 1.5);
(407362.5, 3758512.5, 153.2, 1.5);	(407362.5, 3758487.5, 152.9, 1.5);
(407362.5, 3758462.5, 151.4, 1.5);	(407362.5, 3758437.5, 149.6, 1.5);
(407362.5, 3758412.5, 147.9, 1.5);	(407362.5, 3758387.5, 145.9, 1.5);
(407362.5, 3758362.5, 141.6, 1.5);	(407362.5, 3758337.5, 139.2, 1.5);
(407362.5, 3758312.5, 136.6, 1.5);	(407362.5, 3758287.5, 134.7, 1.5);
(407362.5, 3758262.5, 133.2, 1.5);	(407362.5, 3758237.5, 129.4, 1.5);
(407362.5, 3758212.5, 129.3, 1.5);	(407362.5, 3758187.5, 128.4, 1.5);
(407362.5, 3758162.5, 130.6, 1.5);	(407362.5, 3758137.5, 132.4, 1.5);
(407387.5, 3758512.5, 152.1, 1.5);	(407387.5, 3758487.5, 152.2, 1.5);
(407387.5, 3758462.5, 150.0, 1.5);	(407387.5, 3758437.5, 147.4, 1.5);
(407387.5, 3758412.5, 147.1, 1.5);	(407387.5, 3758387.5, 145.9, 1.5);
(407387.5, 3758362.5, 142.4, 1.5);	(407387.5, 3758337.5, 140.9, 1.5);
(407387.5, 3758312.5, 137.7, 1.5);	(407387.5, 3758287.5, 134.7, 1.5);
(407387.5, 3758262.5, 131.3, 1.5);	(407387.5, 3758237.5, 128.0, 1.5);
(407387.5, 3758212.5, 124.6, 1.5);	(407387.5, 3758187.5, 120.2, 1.5);
(407387.5, 3758162.5, 120.3, 1.5);	(407387.5, 3758137.5, 121.3, 1.5);
(407412.5, 3758512.5, 151.2, 1.5);	(407412.5, 3758487.5, 150.9, 1.5);
(407412.5, 3758462.5, 148.6, 1.5);	(407412.5, 3758437.5, 145.9, 1.5);
(407412.5, 3758412.5, 145.0, 1.5);	(407412.5, 3758387.5, 145.0, 1.5);
(407412.5, 3758362.5, 142.9, 1.5);	(407412.5, 3758337.5, 140.9, 1.5);
(407412.5, 3758312.5, 139.7, 1.5);	(407412.5, 3758287.5, 136.5, 1.5);
(407412.5, 3758262.5, 133.6, 1.5);	(407412.5, 3758237.5, 129.5, 1.5);
(407412.5, 3758212.5, 125.4, 1.5);	(407412.5, 3758187.5, 121.8, 1.5);
(407412.5, 3758162.5, 120.4, 1.5);	(407412.5, 3758137.5, 119.0, 1.5);
(407437.5, 3758512.5, 153.5, 1.5);	(407437.5, 3758487.5, 153.5, 1.5);
(407437.5, 3758462.5, 153.4, 1.5);	(407437.5, 3758437.5, 150.6, 1.5);
(407437.5, 3758412.5, 147.0, 1.5);	(407437.5, 3758387.5, 144.9, 1.5);
(407437.5, 3758362.5, 143.0, 1.5);	(407437.5, 3758337.5, 142.0, 1.5);
(407437.5, 3758312.5, 140.8, 1.5);	(407437.5, 3758287.5, 139.7, 1.5);
(407437.5, 3758262.5, 135.0, 1.5);	(407437.5, 3758237.5, 131.7, 1.5);
(407437.5, 3758212.5, 130.2, 1.5);	(407437.5, 3758187.5, 129.5, 1.5);
(407437.5, 3758162.5, 128.0, 1.5);	(407437.5, 3758137.5, 124.8, 1.5);
(407462.5, 3758512.5, 158.3, 1.5);	(407462.5, 3758487.5, 158.3, 1.5);
(407462.5, 3758462.5, 159.4, 1.5);	(407462.5, 3758437.5, 156.2, 1.5);
(407462.5, 3758412.5, 149.4, 1.5);	(407462.5, 3758387.5, 144.9, 1.5);
(407462.5, 3758362.5, 141.2, 1.5);	(407462.5, 3758337.5, 140.7, 1.5);
(407462.5, 3758312.5, 140.7, 1.5);	(407462.5, 3758287.5, 141.0, 1.5);
(407462.5, 3758262.5, 139.1, 1.5);	(407462.5, 3758237.5, 134.8, 1.5);
(407462.5, 3758212.5, 133.4, 1.5);	(407462.5, 3758187.5, 132.5, 1.5);
(407462.5, 3758162.5, 131.0, 1.5);	(407462.5, 3758137.5, 129.5, 1.5);
(407487.5, 3758512.5, 157.9, 1.5);	(407487.5, 3758487.5, 161.0, 1.5);
(407487.5, 3758462.5, 160.5, 1.5);	(407487.5, 3758437.5, 156.1, 1.5);
(407487.5, 3758412.5, 149.0, 1.5);	(407487.5, 3758387.5, 144.1, 1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 MODELOPTs: * ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
 CONC URBAN ELEV FLGPOL NOCALM *** PAGE 22

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(407487.5, 3758362.5, 140.8, 1.5);	(407487.5, 3758337.5, 140.0, 1.5);
(407487.5, 3758312.5, 140.0, 1.5);	(407487.5, 3758287.5, 140.8, 1.5);
(407487.5, 3758262.5, 140.8, 1.5);	(407487.5, 3758237.5, 139.8, 1.5);
(407487.5, 3758212.5, 138.6, 1.5);	(407487.5, 3758187.5, 136.5, 1.5);
(407487.5, 3758162.5, 135.5, 1.5);	(407487.5, 3758137.5, 134.5, 1.5);
(407512.5, 3758512.5, 149.8, 1.5);	(407512.5, 3758487.5, 150.9, 1.5);
(407512.5, 3758462.5, 153.7, 1.5);	(407512.5, 3758437.5, 151.4, 1.5);
(407512.5, 3758412.5, 146.0, 1.5);	(407512.5, 3758387.5, 142.6, 1.5);
(407512.5, 3758362.5, 140.8, 1.5);	(407512.5, 3758337.5, 142.3, 1.5);
(407512.5, 3758312.5, 142.4, 1.5);	(407512.5, 3758287.5, 142.3, 1.5);
(407512.5, 3758262.5, 142.3, 1.5);	(407512.5, 3758237.5, 141.2, 1.5);
(407512.5, 3758212.5, 141.2, 1.5);	(407512.5, 3758187.5, 140.5, 1.5);
(407512.5, 3758162.5, 140.0, 1.5);	(407512.5, 3758137.5, 138.3, 1.5);
(407537.5, 3758512.5, 0.0, 1.5);	(407537.5, 3758487.5, 0.0, 1.5);
(407537.5, 3758462.5, 0.0, 1.5);	(407537.5, 3758437.5, 0.0, 1.5);
(407537.5, 3758412.5, 0.0, 1.5);	(407537.5, 3758387.5, 0.0, 1.5);
(407537.5, 3758362.5, 0.0, 1.5);	(407537.5, 3758337.5, 0.0, 1.5);
(407537.5, 3758312.5, 0.0, 1.5);	(407537.5, 3758287.5, 0.0, 1.5);

Appendix B

PM 24 hour Emissions unmitigated

```
( 407537.5, 3758262.5, 0.0, 1.5); ( 407537.5, 3758237.5, 0.0, 1.5);
( 407537.5, 3758212.5, 0.0, 1.5); ( 407537.5, 3758187.5, 0.0, 1.5);
( 407537.5, 3758162.5, 0.0, 1.5); ( 407537.5, 3758137.5, 0.0, 1.5);
( 407562.5, 3758512.5, 0.0, 1.5); ( 407562.5, 3758487.5, 0.0, 1.5);
( 407562.5, 3758462.5, 0.0, 1.5); ( 407562.5, 3758437.5, 0.0, 1.5);
( 407562.5, 3758412.5, 0.0, 1.5); ( 407562.5, 3758387.5, 0.0, 1.5);
( 407562.5, 3758362.5, 0.0, 1.5); ( 407562.5, 3758337.5, 0.0, 1.5);
( 407562.5, 3758312.5, 0.0, 1.5); ( 407562.5, 3758287.5, 0.0, 1.5);
( 407562.5, 3758262.5, 0.0, 1.5); ( 407562.5, 3758237.5, 0.0, 1.5);
( 407562.5, 3758212.5, 0.0, 1.5); ( 407562.5, 3758187.5, 0.0, 1.5);
( 407562.5, 3758162.5, 0.0, 1.5); ( 407562.5, 3758137.5, 0.0, 1.5);
( 407587.5, 3758512.5, 0.0, 1.5); ( 407587.5, 3758487.5, 0.0, 1.5);
( 407587.5, 3758462.5, 0.0, 1.5); ( 407587.5, 3758437.5, 0.0, 1.5);
( 407587.5, 3758412.5, 0.0, 1.5); ( 407587.5, 3758387.5, 0.0, 1.5);
( 407587.5, 3758362.5, 0.0, 1.5); ( 407587.5, 3758337.5, 0.0, 1.5);
( 407587.5, 3758312.5, 0.0, 1.5); ( 407587.5, 3758287.5, 0.0, 1.5);
( 407587.5, 3758262.5, 0.0, 1.5); ( 407587.5, 3758237.5, 0.0, 1.5);
( 407587.5, 3758212.5, 0.0, 1.5); ( 407587.5, 3758187.5, 0.0, 1.5);
( 407587.5, 3758162.5, 0.0, 1.5); ( 407587.5, 3758137.5, 0.0, 1.5);
( 407612.5, 3758512.5, 0.0, 1.5); ( 407612.5, 3758487.5, 0.0, 1.5);
( 407612.5, 3758462.5, 0.0, 1.5); ( 407612.5, 3758437.5, 0.0, 1.5);
( 407612.5, 3758412.5, 0.0, 1.5); ( 407612.5, 3758387.5, 0.0, 1.5);
( 407612.5, 3758362.5, 0.0, 1.5); ( 407612.5, 3758337.5, 0.0, 1.5);
( 407612.5, 3758312.5, 0.0, 1.5); ( 407612.5, 3758287.5, 0.0, 1.5);
( 407612.5, 3758262.5, 0.0, 1.5); ( 407612.5, 3758237.5, 0.0, 1.5);
( 407612.5, 3758212.5, 0.0, 1.5); ( 407612.5, 3758187.5, 0.0, 1.5);
( 407612.5, 3758162.5, 0.0, 1.5); ( 407612.5, 3758137.5, 0.0, 1.5);
. *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
**MODELOPTs: ** PAGE 23
CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)
( 407637.5, 3758512.5, 0.0, 1.5); ( 407637.5, 3758487.5, 0.0, 1.5);
( 407637.5, 3758462.5, 0.0, 1.5); ( 407637.5, 3758437.5, 0.0, 1.5);
( 407637.5, 3758412.5, 0.0, 1.5); ( 407637.5, 3758387.5, 0.0, 1.5);
( 407637.5, 3758362.5, 0.0, 1.5); ( 407637.5, 3758337.5, 0.0, 1.5);
( 407637.5, 3758312.5, 0.0, 1.5); ( 407637.5, 3758287.5, 0.0, 1.5);
( 407637.5, 3758262.5, 0.0, 1.5); ( 407637.5, 3758237.5, 0.0, 1.5);
( 407637.5, 3758212.5, 0.0, 1.5); ( 407637.5, 3758187.5, 0.0, 1.5);
( 407637.5, 3758162.5, 0.0, 1.5); ( 407637.5, 3758137.5, 0.0, 1.5);
( 407662.5, 3758512.5, 0.0, 1.5); ( 407662.5, 3758487.5, 0.0, 1.5);
( 407662.5, 3758462.5, 0.0, 1.5); ( 407662.5, 3758437.5, 0.0, 1.5);
( 407662.5, 3758412.5, 0.0, 1.5); ( 407662.5, 3758387.5, 0.0, 1.5);
( 407662.5, 3758362.5, 0.0, 1.5); ( 407662.5, 3758337.5, 0.0, 1.5);
( 407662.5, 3758312.5, 0.0, 1.5); ( 407662.5, 3758287.5, 0.0, 1.5);
( 407662.5, 3758262.5, 0.0, 1.5); ( 407662.5, 3758237.5, 0.0, 1.5);
( 407662.5, 3758212.5, 0.0, 1.5); ( 407662.5, 3758187.5, 0.0, 1.5);
( 407662.5, 3758162.5, 0.0, 1.5); ( 407662.5, 3758137.5, 0.0, 1.5);
( 407687.5, 3758512.5, 0.0, 1.5); ( 407687.5, 3758487.5, 0.0, 1.5);
( 407687.5, 3758462.5, 0.0, 1.5); ( 407687.5, 3758437.5, 0.0, 1.5);
( 407687.5, 3758412.5, 0.0, 1.5); ( 407687.5, 3758387.5, 0.0, 1.5);
( 407687.5, 3758362.5, 0.0, 1.5); ( 407687.5, 3758337.5, 0.0, 1.5);
( 407687.5, 3758312.5, 0.0, 1.5); ( 407687.5, 3758287.5, 0.0, 1.5);
( 407687.5, 3758262.5, 0.0, 1.5); ( 407687.5, 3758237.5, 0.0, 1.5);
( 407687.5, 3758212.5, 0.0, 1.5); ( 407687.5, 3758187.5, 0.0, 1.5);
( 407687.5, 3758162.5, 0.0, 1.5); ( 407687.5, 3758137.5, 0.0, 1.5);
( 407712.5, 3758512.5, 0.0, 1.5); ( 407712.5, 3758487.5, 0.0, 1.5);
( 407712.5, 3758462.5, 0.0, 1.5); ( 407712.5, 3758437.5, 0.0, 1.5);
( 407712.5, 3758412.5, 0.0, 1.5); ( 407712.5, 3758387.5, 0.0, 1.5);
( 407712.5, 3758362.5, 0.0, 1.5); ( 407712.5, 3758337.5, 0.0, 1.5);
( 407712.5, 3758312.5, 0.0, 1.5); ( 407712.5, 3758287.5, 0.0, 1.5);
( 407712.5, 3758262.5, 0.0, 1.5); ( 407712.5, 3758237.5, 0.0, 1.5);
( 407712.5, 3758212.5, 0.0, 1.5); ( 407712.5, 3758187.5, 0.0, 1.5);
( 407712.5, 3758162.5, 0.0, 1.5); ( 407712.5, 3758137.5, 0.0, 1.5);
( 407737.5, 3758512.5, 0.0, 1.5); ( 407737.5, 3758487.5, 0.0, 1.5);
( 407737.5, 3758462.5, 0.0, 1.5); ( 407737.5, 3758437.5, 0.0, 1.5);
( 407737.5, 3758412.5, 0.0, 1.5); ( 407737.5, 3758387.5, 0.0, 1.5);
( 407737.5, 3758362.5, 0.0, 1.5); ( 407737.5, 3758337.5, 0.0, 1.5);
( 407737.5, 3758312.5, 0.0, 1.5); ( 407737.5, 3758287.5, 0.0, 1.5);
( 407737.5, 3758262.5, 0.0, 1.5); ( 407737.5, 3758237.5, 0.0, 1.5);
( 407737.5, 3758212.5, 0.0, 1.5); ( 407737.5, 3758187.5, 0.0, 1.5);
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Appendix B

PM 24 hour Emissions unmitigated

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( 407737.5, 3758162.5, 0.0, 1.5); ( 407737.5, 3758137.5, 0.0, 1.5);
( 407762.5, 3758512.5, 0.0, 1.5); ( 407762.5, 3758487.5, 0.0, 1.5);
( 407762.5, 3758462.5, 0.0, 1.5); ( 407762.5, 3758437.5, 0.0, 1.5);
( 407762.5, 3758412.5, 0.0, 1.5); ( 407762.5, 3758387.5, 0.0, 1.5);
( 407762.5, 3758362.5, 0.0, 1.5); ( 407762.5, 3758337.5, 0.0, 1.5);
( 407762.5, 3758312.5, 0.0, 1.5); ( 407762.5, 3758287.5, 0.0, 1.5);
• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT ***
*** ANALYSIS PEAK DAY 24hr PM emissions ***
**MODELOPTs:
CONC URBAN ELEV FLGPOL NOCALM

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*** 07/29/11
*** 11:29:13
*** PAGE 24

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

```

( 407762.5, 3758262.5, 0.0, 1.5); ( 407762.5, 3758237.5, 0.0, 1.5);
( 407762.5, 3758212.5, 0.0, 1.5); ( 407762.5, 3758187.5, 0.0, 1.5);
( 407762.5, 3758162.5, 0.0, 1.5); ( 407762.5, 3758137.5, 0.0, 1.5);
( 407787.5, 3758512.5, 0.0, 1.5); ( 407787.5, 3758487.5, 0.0, 1.5);
( 407787.5, 3758462.5, 0.0, 1.5); ( 407787.5, 3758437.5, 0.0, 1.5);
( 407787.5, 3758412.5, 0.0, 1.5); ( 407787.5, 3758387.5, 0.0, 1.5);
( 407787.5, 3758362.5, 0.0, 1.5); ( 407787.5, 3758337.5, 0.0, 1.5);
( 407787.5, 3758312.5, 0.0, 1.5); ( 407787.5, 3758287.5, 0.0, 1.5);
( 407787.5, 3758262.5, 0.0, 1.5); ( 407787.5, 3758237.5, 0.0, 1.5);
( 407787.5, 3758212.5, 0.0, 1.5); ( 407787.5, 3758187.5, 0.0, 1.5);
( 407787.5, 3758162.5, 0.0, 1.5); ( 407787.5, 3758137.5, 0.0, 1.5);
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( 407812.5, 3758462.5, 0.0, 1.5); ( 407812.5, 3758437.5, 0.0, 1.5);
( 407812.5, 3758412.5, 0.0, 1.5); ( 407812.5, 3758387.5, 0.0, 1.5);
( 407812.5, 3758362.5, 0.0, 1.5); ( 407812.5, 3758337.5, 0.0, 1.5);
( 407812.5, 3758312.5, 0.0, 1.5); ( 407812.5, 3758287.5, 0.0, 1.5);
( 407812.5, 3758262.5, 0.0, 1.5); ( 407812.5, 3758237.5, 0.0, 1.5);
( 407812.5, 3758212.5, 0.0, 1.5); ( 407812.5, 3758187.5, 0.0, 1.5);
( 407812.5, 3758162.5, 0.0, 1.5); ( 407812.5, 3758137.5, 0.0, 1.5);
( 407837.5, 3758512.5, 0.0, 1.5); ( 407837.5, 3758487.5, 0.0, 1.5);
( 407837.5, 3758462.5, 0.0, 1.5); ( 407837.5, 3758437.5, 0.0, 1.5);
( 407837.5, 3758412.5, 0.0, 1.5); ( 407837.5, 3758387.5, 0.0, 1.5);
( 407837.5, 3758362.5, 0.0, 1.5); ( 407837.5, 3758337.5, 0.0, 1.5);
( 407837.5, 3758312.5, 0.0, 1.5); ( 407837.5, 3758287.5, 0.0, 1.5);
( 407837.5, 3758262.5, 0.0, 1.5); ( 407837.5, 3758237.5, 0.0, 1.5);
( 407837.5, 3758212.5, 0.0, 1.5); ( 407837.5, 3758187.5, 0.0, 1.5);
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( 407862.5, 3758512.5, 0.0, 1.5); ( 407862.5, 3758487.5, 0.0, 1.5);
( 407862.5, 3758462.5, 0.0, 1.5); ( 407862.5, 3758437.5, 0.0, 1.5);
( 407862.5, 3758412.5, 0.0, 1.5); ( 407862.5, 3758387.5, 0.0, 1.5);
( 407862.5, 3758362.5, 0.0, 1.5); ( 407862.5, 3758337.5, 0.0, 1.5);
( 407862.5, 3758312.5, 0.0, 1.5); ( 407862.5, 3758287.5, 0.0, 1.5);
( 407862.5, 3758262.5, 0.0, 1.5); ( 407862.5, 3758237.5, 0.0, 1.5);
( 407862.5, 3758212.5, 0.0, 1.5); ( 407862.5, 3758187.5, 0.0, 1.5);
( 407862.5, 3758162.5, 0.0, 1.5); ( 407862.5, 3758137.5, 0.0, 1.5);
( 407887.5, 3758512.5, 0.0, 1.5); ( 407887.5, 3758487.5, 0.0, 1.5);
( 407887.5, 3758462.5, 0.0, 1.5); ( 407887.5, 3758437.5, 0.0, 1.5);
( 407887.5, 3758412.5, 0.0, 1.5); ( 407887.5, 3758387.5, 0.0, 1.5);
( 407887.5, 3758362.5, 0.0, 1.5); ( 407887.5, 3758337.5, 0.0, 1.5);
( 407887.5, 3758312.5, 0.0, 1.5); ( 407887.5, 3758287.5, 0.0, 1.5);
( 407887.5, 3758262.5, 0.0, 1.5); ( 407887.5, 3758237.5, 0.0, 1.5);
( 407887.5, 3758212.5, 0.0, 1.5); ( 407887.5, 3758187.5, 0.0, 1.5);
( 407887.5, 3758162.5, 0.0, 1.5); ( 407887.5, 3758137.5, 0.0, 1.5);
( 407912.5, 3758512.5, 0.0, 1.5); ( 407912.5, 3758487.5, 0.0, 1.5);
( 407912.5, 3758462.5, 0.0, 1.5); ( 407912.5, 3758437.5, 0.0, 1.5);
• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT ***
*** ANALYSIS PEAK DAY 24hr PM emissions ***
**MODELOPTs:
CONC URBAN ELEV FLGPOL NOCALM

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*** 07/29/11
*** 11:29:13
*** PAGE 25

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

```

( 407912.5, 3758412.5, 0.0, 1.5); ( 407912.5, 3758387.5, 0.0, 1.5);
( 407912.5, 3758362.5, 0.0, 1.5); ( 407912.5, 3758337.5, 0.0, 1.5);
( 407912.5, 3758312.5, 0.0, 1.5); ( 407912.5, 3758287.5, 0.0, 1.5);
( 407912.5, 3758262.5, 0.0, 1.5); ( 407912.5, 3758237.5, 0.0, 1.5);
( 407912.5, 3758212.5, 0.0, 1.5); ( 407912.5, 3758187.5, 0.0, 1.5);

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Appendix B

PM 24 hour Emissions unmitigated

(407912.5, 3758162.5, 0.0, 1.5);	(407912.5, 3758137.5, 0.0, 1.5);		
(407937.5, 3758512.5, 0.0, 1.5);	(407937.5, 3758487.5, 0.0, 1.5);		
(407937.5, 3758462.5, 0.0, 1.5);	(407937.5, 3758437.5, 0.0, 1.5);		
(407937.5, 3758412.5, 0.0, 1.5);	(407937.5, 3758387.5, 0.0, 1.5);		
(407937.5, 3758362.5, 0.0, 1.5);	(407937.5, 3758337.5, 0.0, 1.5);		
(407937.5, 3758312.5, 0.0, 1.5);	(407937.5, 3758287.5, 0.0, 1.5);		
(407937.5, 3758262.5, 0.0, 1.5);	(407937.5, 3758237.5, 0.0, 1.5);		
(407937.5, 3758212.5, 0.0, 1.5);	(407937.5, 3758187.5, 0.0, 1.5);		
(407937.5, 3758162.5, 0.0, 1.5);	(407937.5, 3758137.5, 0.0, 1.5);		
(407962.5, 3758512.5, 0.0, 1.5);	(407962.5, 3758487.5, 0.0, 1.5);		
(407962.5, 3758462.5, 0.0, 1.5);	(407962.5, 3758437.5, 0.0, 1.5);		
(407962.5, 3758412.5, 0.0, 1.5);	(407962.5, 3758387.5, 0.0, 1.5);		
(407962.5, 3758362.5, 0.0, 1.5);	(407962.5, 3758337.5, 0.0, 1.5);		
(407962.5, 3758312.5, 0.0, 1.5);	(407962.5, 3758287.5, 0.0, 1.5);		
(407962.5, 3758262.5, 0.0, 1.5);	(407962.5, 3758237.5, 0.0, 1.5);		
(407962.5, 3758212.5, 0.0, 1.5);	(407962.5, 3758187.5, 0.0, 1.5);		
(407962.5, 3758162.5, 0.0, 1.5);	(407962.5, 3758137.5, 0.0, 1.5);		
(407987.5, 3758512.5, 0.0, 1.5);	(407987.5, 3758487.5, 0.0, 1.5);		
(407987.5, 3758462.5, 0.0, 1.5);	(407987.5, 3758437.5, 0.0, 1.5);		
(407987.5, 3758412.5, 0.0, 1.5);	(407987.5, 3758387.5, 0.0, 1.5);		
(407987.5, 3758362.5, 0.0, 1.5);	(407987.5, 3758337.5, 0.0, 1.5);		
(407987.5, 3758312.5, 0.0, 1.5);	(407987.5, 3758287.5, 0.0, 1.5);		
(407987.5, 3758262.5, 0.0, 1.5);	(407987.5, 3758237.5, 0.0, 1.5);		
(407987.5, 3758212.5, 0.0, 1.5);	(407987.5, 3758187.5, 0.0, 1.5);		
(407987.5, 3758162.5, 0.0, 1.5);	(407987.5, 3758137.5, 0.0, 1.5);		
(408012.5, 3758512.5, 0.0, 1.5);	(408012.5, 3758487.5, 0.0, 1.5);		
(408012.5, 3758462.5, 0.0, 1.5);	(408012.5, 3758437.5, 0.0, 1.5);		
(408012.5, 3758412.5, 0.0, 1.5);	(408012.5, 3758387.5, 0.0, 1.5);		
(408012.5, 3758362.5, 0.0, 1.5);	(408012.5, 3758337.5, 0.0, 1.5);		
(408012.5, 3758312.5, 0.0, 1.5);	(408012.5, 3758287.5, 0.0, 1.5);		
(408012.5, 3758262.5, 0.0, 1.5);	(408012.5, 3758237.5, 0.0, 1.5);		
(408012.5, 3758212.5, 0.0, 1.5);	(408012.5, 3758187.5, 0.0, 1.5);		
(408012.5, 3758162.5, 0.0, 1.5);	(408012.5, 3758137.5, 0.0, 1.5);		
(408037.5, 3758512.5, 0.0, 1.5);	(408037.5, 3758487.5, 0.0, 1.5);		
(408037.5, 3758462.5, 0.0, 1.5);	(408037.5, 3758437.5, 0.0, 1.5);		
(408037.5, 3758412.5, 0.0, 1.5);	(408037.5, 3758387.5, 0.0, 1.5);		
(408037.5, 3758362.5, 0.0, 1.5);	(408037.5, 3758337.5, 0.0, 1.5);		
(408037.5, 3758312.5, 0.0, 1.5);	(408037.5, 3758287.5, 0.0, 1.5);		
(408037.5, 3758262.5, 0.0, 1.5);	(408037.5, 3758237.5, 0.0, 1.5);		
(408037.5, 3758212.5, 0.0, 1.5);	(408037.5, 3758187.5, 0.0, 1.5);		
• *** ISCSST3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT	***	07/29/11
	*** ANALYSIS PEAK DAY 24hr PM emissions	***	11:29:13
**MODELOPTs:			PAGE 26
CONC	URBAN ELEV FLGPOL	NOCALM	
	*** DISCRETE CARTESIAN RECEPTORS ***		
	(X-COORD, Y-COORD, ZELEV, ZFLAG)		
	(METERS)		
(408037.5, 3758162.5, 0.0, 1.5);	(408037.5, 3758137.5, 0.0, 1.5);		
(408062.5, 3758512.5, 0.0, 1.5);	(408062.5, 3758487.5, 0.0, 1.5);		
(408062.5, 3758462.5, 0.0, 1.5);	(408062.5, 3758437.5, 0.0, 1.5);		
(408062.5, 3758412.5, 0.0, 1.5);	(408062.5, 3758387.5, 0.0, 1.5);		
(408062.5, 3758362.5, 0.0, 1.5);	(408062.5, 3758337.5, 0.0, 1.5);		
(408062.5, 3758312.5, 0.0, 1.5);	(408062.5, 3758287.5, 0.0, 1.5);		
(408062.5, 3758262.5, 0.0, 1.5);	(408062.5, 3758237.5, 0.0, 1.5);		
(408062.5, 3758212.5, 0.0, 1.5);	(408062.5, 3758187.5, 0.0, 1.5);		
(408062.5, 3758162.5, 0.0, 1.5);	(408062.5, 3758137.5, 0.0, 1.5);		
(408087.5, 3758512.5, 0.0, 1.5);	(408087.5, 3758487.5, 0.0, 1.5);		
(408087.5, 3758462.5, 0.0, 1.5);	(408087.5, 3758437.5, 0.0, 1.5);		
(408087.5, 3758412.5, 0.0, 1.5);	(408087.5, 3758387.5, 0.0, 1.5);		
(408087.5, 3758362.5, 0.0, 1.5);	(408087.5, 3758337.5, 0.0, 1.5);		
(408087.5, 3758312.5, 0.0, 1.5);	(408087.5, 3758287.5, 0.0, 1.5);		
(408087.5, 3758262.5, 0.0, 1.5);	(408087.5, 3758237.5, 0.0, 1.5);		
(408087.5, 3758212.5, 0.0, 1.5);	(408087.5, 3758187.5, 0.0, 1.5);		
(408087.5, 3758162.5, 0.0, 1.5);	(408087.5, 3758137.5, 0.0, 1.5);		
(408112.5, 3758512.5, 0.0, 1.5);	(408112.5, 3758487.5, 0.0, 1.5);		
(408112.5, 3758462.5, 0.0, 1.5);	(408112.5, 3758437.5, 0.0, 1.5);		
(408112.5, 3758412.5, 0.0, 1.5);	(408112.5, 3758387.5, 0.0, 1.5);		
(408112.5, 3758362.5, 0.0, 1.5);	(408112.5, 3758337.5, 0.0, 1.5);		
(408112.5, 3758312.5, 0.0, 1.5);	(408112.5, 3758287.5, 0.0, 1.5);		
(408112.5, 3758262.5, 0.0, 1.5);	(408112.5, 3758237.5, 0.0, 1.5);		
(408112.5, 3758212.5, 0.0, 1.5);	(408112.5, 3758187.5, 0.0, 1.5);		
(408112.5, 3758162.5, 0.0, 1.5);	(408112.5, 3758137.5, 0.0, 1.5);		
(405962.5, 3758562.5, 93.0, 1.5);	(406012.5, 3758562.5, 94.6, 1.5);		

Appendix B

PM 24 hour Emissions unmitigated

(406062.5, 3758562.5, 95.6, 1.5);	(406112.5, 3758562.5, 97.0, 1.5);		
(406162.5, 3758562.5, 98.3, 1.5);	(406212.5, 3758562.5, 100.1, 1.5);		
(406262.5, 3758562.5, 102.3, 1.5);	(406312.5, 3758562.5, 104.1, 1.5);		
(406362.5, 3758562.5, 105.2, 1.5);	(406412.5, 3758562.5, 107.0, 1.5);		
(406462.5, 3758562.5, 108.1, 1.5);	(405962.5, 3760012.5, 228.9, 1.5);		
(405962.5, 3759962.5, 226.7, 1.5);	(405962.5, 3759912.5, 220.6, 1.5);		
(405962.5, 3759862.5, 203.9, 1.5);	(405962.5, 3759812.5, 193.4, 1.5);		
(405962.5, 3759762.5, 189.1, 1.5);	(405962.5, 3759712.5, 171.9, 1.5);		
(405962.5, 3759662.5, 164.7, 1.5);	(405962.5, 3759612.5, 159.7, 1.5);		
(405962.5, 3759562.5, 157.0, 1.5);	(405962.5, 3759512.5, 160.4, 1.5);		
(405962.5, 3759462.5, 159.7, 1.5);	(405962.5, 3759412.5, 153.9, 1.5);		
(405962.5, 3759362.5, 143.8, 1.5);	(405962.5, 3759312.5, 134.1, 1.5);		
(405962.5, 3759262.5, 124.2, 1.5);	(405962.5, 3759212.5, 116.4, 1.5);		
(405962.5, 3759162.5, 114.5, 1.5);	(405962.5, 3759112.5, 112.4, 1.5);		
(405962.5, 3759062.5, 110.0, 1.5);	(405962.5, 3759012.5, 108.6, 1.5);		
(405962.5, 3758962.5, 107.3, 1.5);	(405962.5, 3758912.5, 105.1, 1.5);		
(405962.5, 3758862.5, 103.6, 1.5);	(405962.5, 3758812.5, 102.0, 1.5);		
(405962.5, 3758762.5, 99.6, 1.5);	(405962.5, 3758712.5, 98.0, 1.5);		
(405962.5, 3758662.5, 96.1, 1.5);	(405962.5, 3758612.5, 95.0, 1.5);		
* *** ISCST3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT	***	07/29/11
MODELOPTs:	* ANALYSIS PEAK DAY 24hr PM emissions	***	11:29:13
CONC	URBAN ELEV FLGPOL		PAGE 27
	NOCALM		
	*** DISCRETE CARTESIAN RECEPTORS ***		
	(X-COORD, Y-COORD, ZELEV, ZFLAG)		
	(METERS)		
(406012.5, 3760012.5, 227.1, 1.5);	(406012.5, 3759962.5, 216.2, 1.5);		
(406012.5, 3759912.5, 200.3, 1.5);	(406012.5, 3759862.5, 198.9, 1.5);		
(406012.5, 3759812.5, 192.1, 1.5);	(406012.5, 3759762.5, 189.3, 1.5);		
(406012.5, 3759712.5, 185.9, 1.5);	(406012.5, 3759662.5, 166.7, 1.5);		
(406012.5, 3759612.5, 163.4, 1.5);	(406012.5, 3759562.5, 160.7, 1.5);		
(406012.5, 3759512.5, 160.8, 1.5);	(406012.5, 3759462.5, 155.5, 1.5);		
(406012.5, 3759412.5, 147.6, 1.5);	(406012.5, 3759362.5, 141.4, 1.5);		
(406012.5, 3759312.5, 133.4, 1.5);	(406012.5, 3759262.5, 127.0, 1.5);		
(406012.5, 3759212.5, 116.9, 1.5);	(406012.5, 3759162.5, 116.0, 1.5);		
(406012.5, 3759112.5, 114.1, 1.5);	(406012.5, 3759062.5, 111.6, 1.5);		
(406012.5, 3759012.5, 109.6, 1.5);	(406012.5, 3758962.5, 109.1, 1.5);		
(406012.5, 3758912.5, 107.1, 1.5);	(406012.5, 3758862.5, 104.5, 1.5);		
(406012.5, 3758812.5, 102.6, 1.5);	(406012.5, 3758762.5, 101.1, 1.5);		
(406012.5, 3758712.5, 99.0, 1.5);	(406012.5, 3758662.5, 97.0, 1.5);		
(406012.5, 3758612.5, 95.6, 1.5);	(406062.5, 3760012.5, 211.4, 1.5);		
(406062.5, 3759812.5, 167.0, 1.5);	(406062.5, 3759762.5, 164.6, 1.5);		
(406062.5, 3759712.5, 168.0, 1.5);	(406062.5, 3759662.5, 160.9, 1.5);		
(406062.5, 3759612.5, 160.0, 1.5);	(406062.5, 3759562.5, 151.0, 1.5);		
(406062.5, 3759512.5, 143.5, 1.5);	(406062.5, 3759462.5, 141.4, 1.5);		
(406062.5, 3759412.5, 136.6, 1.5);	(406062.5, 3759362.5, 131.2, 1.5);		
(406062.5, 3759312.5, 129.1, 1.5);	(406062.5, 3759262.5, 120.6, 1.5);		
(406062.5, 3759212.5, 119.6, 1.5);	(406062.5, 3759162.5, 118.0, 1.5);		
(406062.5, 3759112.5, 116.0, 1.5);	(406062.5, 3759062.5, 114.0, 1.5);		
(406062.5, 3759012.5, 112.3, 1.5);	(406062.5, 3758962.5, 111.0, 1.5);		
(406062.5, 3758912.5, 108.6, 1.5);	(406062.5, 3758862.5, 106.3, 1.5);		
(406062.5, 3758812.5, 104.5, 1.5);	(406062.5, 3758762.5, 102.1, 1.5);		
(406062.5, 3758712.5, 100.1, 1.5);	(406062.5, 3758662.5, 98.1, 1.5);		
(406062.5, 3758612.5, 97.0, 1.5);	(406112.5, 3760012.5, 187.6, 1.5);		
(406112.5, 3759812.5, 147.9, 1.5);	(406112.5, 3759762.5, 147.3, 1.5);		
(406112.5, 3759712.5, 145.7, 1.5);	(406112.5, 3759662.5, 143.9, 1.5);		
(406112.5, 3759612.5, 143.0, 1.5);	(406112.5, 3759562.5, 142.0, 1.5);		
(406112.5, 3759512.5, 140.7, 1.5);	(406112.5, 3759462.5, 131.5, 1.5);		
(406112.5, 3759412.5, 128.7, 1.5);	(406112.5, 3759362.5, 127.5, 1.5);		
(406112.5, 3759312.5, 127.3, 1.5);	(406112.5, 3759262.5, 125.7, 1.5);		
(406112.5, 3759212.5, 122.1, 1.5);	(406112.5, 3759162.5, 120.1, 1.5);		
(406112.5, 3759112.5, 118.1, 1.5);	(406112.5, 3759062.5, 116.0, 1.5);		
(406112.5, 3759012.5, 115.0, 1.5);	(406112.5, 3758962.5, 112.6, 1.5);		
(406112.5, 3758912.5, 110.6, 1.5);	(406112.5, 3758862.5, 108.6, 1.5);		
(406112.5, 3758812.5, 106.0, 1.5);	(406112.5, 3758762.5, 103.6, 1.5);		
(406112.5, 3758712.5, 101.6, 1.5);	(406112.5, 3758662.5, 99.6, 1.5);		
(406112.5, 3758612.5, 98.0, 1.5);	(406162.5, 3760012.5, 159.1, 1.5);		
(406162.5, 3759812.5, 152.2, 1.5);	(406162.5, 3759462.5, 135.8, 1.5);		
(406162.5, 3759412.5, 139.3, 1.5);	(406162.5, 3759362.5, 137.3, 1.5);		
(406162.5, 3759312.5, 136.2, 1.5);	(406162.5, 3759262.5, 128.6, 1.5);		
(406162.5, 3759212.5, 124.6, 1.5);	(406162.5, 3759162.5, 122.1, 1.5);		
* *** ISCST3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT	***	07/29/11
MODELOPTs:	* ANALYSIS PEAK DAY 24hr PM emissions	***	11:29:13

Appendix B

PM 24 hour Emissions unmitigated

**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406162.5, 3759112.5, 120.0, 1.5);	(406162.5, 3759062.5, 118.0, 1.5);
(406162.5, 3759012.5, 116.6, 1.5);	(406162.5, 3758962.5, 115.1, 1.5);
(406162.5, 3758912.5, 112.0, 1.5);	(406162.5, 3758862.5, 110.0, 1.5);
(406162.5, 3758812.5, 107.4, 1.5);	(406162.5, 3758762.5, 104.6, 1.5);
(406162.5, 3758712.5, 102.4, 1.5);	(406162.5, 3758662.5, 101.0, 1.5);
(406162.5, 3758612.5, 99.2, 1.5);	(406212.5, 3759412.5, 147.3, 1.5);
(406212.5, 3759362.5, 144.6, 1.5);	(406212.5, 3759312.5, 138.4, 1.5);
(406212.5, 3759262.5, 132.1, 1.5);	(406212.5, 3759212.5, 126.6, 1.5);
(406212.5, 3759162.5, 123.6, 1.5);	(406212.5, 3759112.5, 121.6, 1.5);
(406212.5, 3759062.5, 120.0, 1.5);	(406212.5, 3759012.5, 117.6, 1.5);
(406212.5, 3758962.5, 116.0, 1.5);	(406212.5, 3758912.5, 113.1, 1.5);
(406212.5, 3758862.5, 110.6, 1.5);	(406212.5, 3758812.5, 108.4, 1.5);
(406212.5, 3758762.5, 105.1, 1.5);	(406212.5, 3758712.5, 103.1, 1.5);
(406212.5, 3758662.5, 102.0, 1.5);	(406212.5, 3758612.5, 101.1, 1.5);
(406262.5, 3759412.5, 152.2, 1.5);	(406262.5, 3759362.5, 144.2, 1.5);
(406262.5, 3759312.5, 138.1, 1.5);	(406262.5, 3759262.5, 134.1, 1.5);
(406262.5, 3759212.5, 128.4, 1.5);	(406262.5, 3759162.5, 125.5, 1.5);
(406262.5, 3759112.5, 123.0, 1.5);	(406262.5, 3759062.5, 121.0, 1.5);
(406262.5, 3759012.5, 118.0, 1.5);	(406262.5, 3758962.5, 116.0, 1.5);
(406262.5, 3758912.5, 113.4, 1.5);	(406262.5, 3758862.5, 110.5, 1.5);
(406262.5, 3758812.5, 108.4, 1.5);	(406262.5, 3758762.5, 106.0, 1.5);
(406262.5, 3758712.5, 104.6, 1.5);	(406262.5, 3758662.5, 103.1, 1.5);
(406262.5, 3758612.5, 102.6, 1.5);	(406312.5, 3759412.5, 155.0, 1.5);
(406312.5, 3759362.5, 149.0, 1.5);	(406312.5, 3759312.5, 139.7, 1.5);
(406312.5, 3759262.5, 135.5, 1.5);	(406312.5, 3759212.5, 130.5, 1.5);
(406312.5, 3759162.5, 126.6, 1.5);	(406312.5, 3759112.5, 123.4, 1.5);
(406312.5, 3759062.5, 121.0, 1.5);	(406312.5, 3759012.5, 118.4, 1.5);
(406312.5, 3758962.5, 115.5, 1.5);	(406312.5, 3758912.5, 113.0, 1.5);
(406312.5, 3758862.5, 111.0, 1.5);	(406312.5, 3758812.5, 109.0, 1.5);
(406312.5, 3758762.5, 107.0, 1.5);	(406312.5, 3758712.5, 105.1, 1.5);
(406312.5, 3758662.5, 104.6, 1.5);	(406312.5, 3758612.5, 104.2, 1.5);
(406362.5, 3759412.5, 148.7, 1.5);	(406362.5, 3759362.5, 146.9, 1.5);
(406362.5, 3759312.5, 139.4, 1.5);	(406362.5, 3759262.5, 134.3, 1.5);
(406362.5, 3759212.5, 131.0, 1.5);	(406362.5, 3759162.5, 127.1, 1.5);
(406362.5, 3759112.5, 124.1, 1.5);	(406362.5, 3759062.5, 121.4, 1.5);
(406362.5, 3759012.5, 118.6, 1.5);	(406362.5, 3758962.5, 116.0, 1.5);
(406362.5, 3758912.5, 113.4, 1.5);	(406362.5, 3758862.5, 110.3, 1.5);
(406362.5, 3758812.5, 108.7, 1.5);	(406362.5, 3758762.5, 107.6, 1.5);
(406362.5, 3758712.5, 107.0, 1.5);	(406362.5, 3758662.5, 106.6, 1.5);
(406362.5, 3758612.5, 106.0, 1.5);	(406412.5, 3759312.5, 138.0, 1.5);
(406412.5, 3759262.5, 135.0, 1.5);	(406412.5, 3759212.5, 131.6, 1.5);
(406412.5, 3759162.5, 127.4, 1.5);	(406412.5, 3759112.5, 124.4, 1.5);
(406412.5, 3759062.5, 121.8, 1.5);	(406412.5, 3759012.5, 119.5, 1.5);
(406412.5, 3758962.5, 116.4, 1.5);	(406412.5, 3758912.5, 113.4, 1.5);
(406412.5, 3758862.5, 109.3, 1.5);	(406412.5, 3758812.5, 108.6, 1.5);

• *** ISCSST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

07/29/11

*** ANALYSIS PEAK DAY 24hr PM emissions

11:29:13

**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406412.5, 3758762.5, 108.6, 1.5);	(406412.5, 3758712.5, 109.0, 1.5);
(406412.5, 3758662.5, 109.0, 1.5);	(406412.5, 3758612.5, 108.0, 1.5);
(406462.5, 3759312.5, 138.0, 1.5);	(406462.5, 3759262.5, 135.1, 1.5);
(406462.5, 3759212.5, 131.4, 1.5);	(406462.5, 3759162.5, 127.4, 1.5);
(406462.5, 3759112.5, 124.4, 1.5);	(406462.5, 3759062.5, 121.0, 1.5);
(406462.5, 3759012.5, 119.5, 1.5);	(406462.5, 3758962.5, 117.1, 1.5);
(406462.5, 3758912.5, 114.7, 1.5);	(406462.5, 3758862.5, 110.2, 1.5);
(406462.5, 3758812.5, 109.6, 1.5);	(406462.5, 3758762.5, 110.6, 1.5);
(406462.5, 3758712.5, 110.6, 1.5);	(406462.5, 3758662.5, 110.0, 1.5);
(406462.5, 3758612.5, 109.0, 1.5);	(406512.5, 3759262.5, 136.0, 1.5);
(406512.5, 3759212.5, 132.1, 1.5);	(406512.5, 3759162.5, 127.4, 1.5);
(406512.5, 3759112.5, 125.0, 1.5);	(406512.5, 3759062.5, 122.6, 1.5);
(406512.5, 3759012.5, 120.1, 1.5);	(406512.5, 3758962.5, 117.3, 1.5);

Appendix B

PM 24 hour Emissions unmitigated

(406512.5, 3758912.5, 115.5, 1.5);	(406512.5, 3758862.5, 113.3, 1.5);
(406512.5, 3758812.5, 114.2, 1.5);	(406512.5, 3758762.5, 113.6, 1.5);
(406512.5, 3758712.5, 113.0, 1.5);	(406512.5, 3758662.5, 112.0, 1.5);
(406512.5, 3758612.5, 110.6, 1.5);	(406537.5, 3758562.5, 110.0, 1.5);
(406562.5, 3759262.5, 137.4, 1.5);	(406562.5, 3759212.5, 133.6, 1.5);
(406562.5, 3759162.5, 129.7, 1.5);	(406562.5, 3759112.5, 126.6, 1.5);
(406562.5, 3759062.5, 124.0, 1.5);	(406562.5, 3759012.5, 121.4, 1.5);
(406562.5, 3758962.5, 116.7, 1.5);	(406562.5, 3758912.5, 116.3, 1.5);
(406562.5, 3758862.5, 117.3, 1.5);	(406562.5, 3758812.5, 117.0, 1.5);
(406562.5, 3758762.5, 116.0, 1.5);	(406562.5, 3758712.5, 115.0, 1.5);
(406562.5, 3758662.5, 113.6, 1.5);	(406562.5, 3758612.5, 112.0, 1.5);
(406587.5, 3758562.5, 110.5, 1.5);	(406612.5, 3759212.5, 136.4, 1.5);
(406612.5, 3759162.5, 132.6, 1.5);	(406612.5, 3759112.5, 128.6, 1.5);
(406612.5, 3759062.5, 125.5, 1.5);	(406612.5, 3759012.5, 121.4, 1.5);
(406612.5, 3758962.5, 121.1, 1.5);	(406612.5, 3758912.5, 121.1, 1.5);
(406612.5, 3758862.5, 120.6, 1.5);	(406612.5, 3758812.5, 119.1, 1.5);
(406612.5, 3758762.5, 117.4, 1.5);	(406612.5, 3758712.5, 116.1, 1.5);
(406612.5, 3758662.5, 114.5, 1.5);	(406637.5, 3758562.5, 110.0, 1.5);
(406662.5, 3759162.5, 133.4, 1.5);	(406662.5, 3759112.5, 128.8, 1.5);
(406662.5, 3759062.5, 127.1, 1.5);	(406662.5, 3759012.5, 124.2, 1.5);
(406662.5, 3758962.5, 124.8, 1.5);	(406662.5, 3758912.5, 124.1, 1.5);
(406662.5, 3758862.5, 122.6, 1.5);	(406662.5, 3758812.5, 120.5, 1.5);
(406662.5, 3758762.5, 118.0, 1.5);	(406662.5, 3758712.5, 116.0, 1.5);
(406687.5, 3758562.5, 111.2, 1.5);	(406712.5, 3759162.5, 133.4, 1.5);
(406712.5, 3759112.5, 130.2, 1.5);	(406712.5, 3759062.5, 132.9, 1.5);
(406712.5, 3759012.5, 130.1, 1.5);	(406712.5, 3758962.5, 129.0, 1.5);
(406712.5, 3758912.5, 125.5, 1.5);	(406712.5, 3758862.5, 122.3, 1.5);
(406712.5, 3758612.5, 115.6, 1.5);	(406737.5, 3758562.5, 112.0, 1.5);
(406762.5, 3759062.5, 139.6, 1.5);	(406762.5, 3759012.5, 133.6, 1.5);
(406762.5, 3758962.5, 129.4, 1.5);	(406762.5, 3758912.5, 124.9, 1.5);
(406762.5, 3758662.5, 118.8, 1.5);	(406762.5, 3758612.5, 115.3, 1.5);
(406787.5, 3758562.5, 112.9, 1.5);	(406812.5, 3759012.5, 135.9, 1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
 **MODELOPTs: ** PAGE 30

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406812.5, 3758962.5, 129.2, 1.5);	(406812.5, 3758712.5, 122.1, 1.5);
(406812.5, 3758662.5, 119.6, 1.5);	(406812.5, 3758612.5, 117.0, 1.5);
(406837.5, 3758562.5, 109.0, 1.5);	(406862.5, 3758762.5, 124.6, 1.5);
(406862.5, 3758712.5, 123.0, 1.5);	(406862.5, 3758662.5, 120.0, 1.5);
(406862.5, 3758612.5, 115.2, 1.5);	(406887.5, 3758562.5, 115.1, 1.5);
(406912.5, 3758762.5, 125.5, 1.5);	(406912.5, 3758712.5, 121.8, 1.5);
(406912.5, 3758662.5, 118.4, 1.5);	(406912.5, 3758612.5, 112.7, 1.5);
(406937.5, 3758562.5, 116.4, 1.5);	(406962.5, 3758762.5, 125.5, 1.5);
(406962.5, 3758712.5, 121.4, 1.5);	(406962.5, 3758662.5, 117.4, 1.5);
(406962.5, 3758612.5, 116.0, 1.5);	(406987.5, 3758562.5, 119.9, 1.5);
(407012.5, 3758712.5, 122.2, 1.5);	(407012.5, 3758662.5, 115.5, 1.5);
(407012.5, 3758612.5, 117.5, 1.5);	(407037.5, 3758562.5, 121.9, 1.5);
(407062.5, 3758662.5, 115.1, 1.5);	(407062.5, 3758612.5, 120.9, 1.5);
(407087.5, 3758562.5, 124.0, 1.5);	(407112.5, 3758662.5, 120.9, 1.5);
(407112.5, 3758612.5, 124.2, 1.5);	(407137.5, 3758562.5, 127.0, 1.5);
(407162.5, 3758662.5, 128.3, 1.5);	(407162.5, 3758612.5, 127.0, 1.5);
(407187.5, 3758562.5, 134.0, 1.5);	(407212.5, 3758662.5, 132.7, 1.5);
(407212.5, 3758612.5, 134.5, 1.5);	(407237.5, 3758562.5, 139.5, 1.5);
(407262.5, 3758662.5, 137.3, 1.5);	(407262.5, 3758612.5, 137.3, 1.5);
(407287.5, 3758562.5, 140.1, 1.5);	(407312.5, 3758662.5, 142.3, 1.5);
(407312.5, 3758612.5, 141.2, 1.5);	(407337.5, 3758562.5, 144.9, 1.5);
(407362.5, 3758662.5, 147.6, 1.5);	(407362.5, 3758612.5, 146.2, 1.5);
(407387.5, 3758562.5, 149.1, 1.5);	(407412.5, 3758662.5, 151.6, 1.5);
(407412.5, 3758612.5, 152.6, 1.5);	(407437.5, 3758562.5, 154.5, 1.5);
(407462.5, 3758662.5, 153.8, 1.5);	(407462.5, 3758612.5, 154.2, 1.5);
(407487.5, 3758562.5, 152.9, 1.5);	(407512.5, 3758662.5, 147.4, 1.5);
(407512.5, 3758612.5, 145.4, 1.5);	(407537.5, 3758562.5, 0.0, 1.5);
(407562.5, 3758662.5, 0.0, 1.5);	(407562.5, 3758612.5, 0.0, 1.5);
(407587.5, 3758562.5, 0.0, 1.5);	(407612.5, 3758662.5, 0.0, 1.5);
(407612.5, 3758612.5, 0.0, 1.5);	(407637.5, 3758562.5, 0.0, 1.5);
(407662.5, 3758612.5, 0.0, 1.5);	(407687.5, 3758562.5, 0.0, 1.5);
(407712.5, 3758612.5, 0.0, 1.5);	(407737.5, 3758562.5, 0.0, 1.5);
(407762.5, 3758612.5, 0.0, 1.5);	(407787.5, 3758562.5, 0.0, 1.5);
(407812.5, 3758612.5, 0.0, 1.5);	(407837.5, 3758562.5, 0.0, 1.5);

Appendix B

PM 24 hour Emissions unmitigated

(407862.5, 3758612.5, 0.0, 1.5);	(407887.5, 3758562.5, 0.0, 1.5);
(407912.5, 3758612.5, 0.0, 1.5);	(407937.5, 3758562.5, 0.0, 1.5);
(407962.5, 3758612.5, 0.0, 1.5);	(407987.5, 3758562.5, 0.0, 1.5);
(408012.5, 3758612.5, 0.0, 1.5);	(408037.5, 3758562.5, 0.0, 1.5);
(408062.5, 3758612.5, 0.0, 1.5);	(408087.5, 3758562.5, 0.0, 1.5);
(408112.5, 3758612.5, 0.0, 1.5);	(405962.5, 3758537.5, 92.3, 1.5);
(405987.5, 3758562.5, 93.8, 1.5);	(406037.5, 3758562.5, 95.0, 1.5);
(406087.5, 3758562.5, 96.0, 1.5);	(406137.5, 3758562.5, 97.9, 1.5);
(406187.5, 3758562.5, 99.0, 1.5);	(406237.5, 3758562.5, 101.3, 1.5);
(406287.5, 3758562.5, 103.4, 1.5);	(406337.5, 3758562.5, 105.0, 1.5);
(406387.5, 3758562.5, 106.0, 1.5);	(406437.5, 3758562.5, 107.7, 1.5);

* ** ICST3 - VERSION 02035 **

*** WHITTIER MATRIX OIL PROJECT

*** ANALYSIS PEAK DAY 24hr PM emissions

07/29/11

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**MODELOPTs:

CONC URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZFLAG)

(METERS)

(406487.5, 3758562.5, 109.0, 1.5);	(406537.5, 3758537.5, 109.0, 1.5);
(406587.5, 3758537.5, 109.7, 1.5);	(406637.5, 3758537.5, 109.0, 1.5);
(406687.5, 3758537.5, 110.0, 1.5);	(406737.5, 3758537.5, 109.9, 1.5);
(406787.5, 3758537.5, 110.0, 1.5);	(406837.5, 3758537.5, 111.0, 1.5);
(406887.5, 3758537.5, 113.7, 1.5);	(406937.5, 3758537.5, 116.0, 1.5);
(406987.5, 3758537.5, 120.8, 1.5);	(407037.5, 3758537.5, 122.0, 1.5);
(407087.5, 3758537.5, 124.8, 1.5);	(407137.5, 3758537.5, 128.8, 1.5);
(407187.5, 3758537.5, 137.7, 1.5);	(407237.5, 3758537.5, 141.0, 1.5);
(407287.5, 3758537.5, 143.8, 1.5);	(407337.5, 3758537.5, 147.0, 1.5);
(407387.5, 3758537.5, 148.8, 1.5);	(407437.5, 3758537.5, 153.5, 1.5);
(407487.5, 3758537.5, 155.4, 1.5);	(407537.5, 3758537.5, 0.0, 1.5);
(407587.5, 3758537.5, 0.0, 1.5);	(407637.5, 3758537.5, 0.0, 1.5);
(407687.5, 3758537.5, 0.0, 1.5);	(407737.5, 3758537.5, 0.0, 1.5);
(407787.5, 3758537.5, 0.0, 1.5);	(407837.5, 3758537.5, 0.0, 1.5);
(407887.5, 3758537.5, 0.0, 1.5);	(407937.5, 3758537.5, 0.0, 1.5);
(407987.5, 3758537.5, 0.0, 1.5);	(408037.5, 3758537.5, 0.0, 1.5);
(408087.5, 3758537.5, 0.0, 1.5);	(405962.5, 3759987.5, 229.9, 1.5);
(405962.5, 3759937.5, 223.6, 1.5);	(405962.5, 3759887.5, 214.8, 1.5);
(405962.5, 3759837.5, 195.5, 1.5);	(405962.5, 3759787.5, 191.6, 1.5);
(405962.5, 3759737.5, 188.7, 1.5);	(405962.5, 3759687.5, 167.2, 1.5);
(405962.5, 3759637.5, 162.2, 1.5);	(405962.5, 3759587.5, 157.2, 1.5);
(405962.5, 3759537.5, 159.3, 1.5);	(405962.5, 3759487.5, 159.3, 1.5);
(405962.5, 3759437.5, 157.2, 1.5);	(405962.5, 3759387.5, 148.9, 1.5);
(405962.5, 3759337.5, 138.2, 1.5);	(405962.5, 3759287.5, 128.2, 1.5);
(405962.5, 3759237.5, 120.2, 1.5);	(405962.5, 3759187.5, 115.0, 1.5);
(405962.5, 3759137.5, 113.9, 1.5);	(405962.5, 3759087.5, 112.0, 1.5);
(405962.5, 3759037.5, 109.0, 1.5);	(405962.5, 3758987.5, 108.0, 1.5);
(405962.5, 3758937.5, 106.3, 1.5);	(405962.5, 3758887.5, 104.9, 1.5);
(405962.5, 3758837.5, 103.0, 1.5);	(405962.5, 3758787.5, 100.9, 1.5);
(405962.5, 3758737.5, 98.9, 1.5);	(405962.5, 3758687.5, 97.0, 1.5);
(405962.5, 3758637.5, 95.0, 1.5);	(406012.5, 3759987.5, 224.1, 1.5);
(406012.5, 3759937.5, 203.5, 1.5);	(406012.5, 3759887.5, 201.9, 1.5);
(406012.5, 3759837.5, 196.6, 1.5);	(406012.5, 3759787.5, 190.7, 1.5);
(406012.5, 3759737.5, 190.4, 1.5);	(406012.5, 3759687.5, 169.9, 1.5);
(406012.5, 3759637.5, 165.9, 1.5);	(406012.5, 3759587.5, 161.0, 1.5);
(406012.5, 3759537.5, 161.0, 1.5);	(406012.5, 3759487.5, 159.1, 1.5);
(406012.5, 3759437.5, 150.2, 1.5);	(406012.5, 3759387.5, 146.3, 1.5);
(406012.5, 3759337.5, 137.4, 1.5);	(406012.5, 3759287.5, 129.9, 1.5);
(406012.5, 3759237.5, 121.6, 1.5);	(406012.5, 3759187.5, 116.3, 1.5);
(406012.5, 3759137.5, 115.2, 1.5);	(406012.5, 3759087.5, 113.0, 1.5);
(406012.5, 3759037.5, 110.2, 1.5);	(406012.5, 3758987.5, 110.0, 1.5);
(406012.5, 3758937.5, 108.2, 1.5);	(406012.5, 3758887.5, 105.9, 1.5);
(406012.5, 3758837.5, 103.0, 1.5);	(406012.5, 3758787.5, 102.0, 1.5);
(406012.5, 3758737.5, 99.9, 1.5);	(406012.5, 3758687.5, 98.0, 1.5);
(406012.5, 3758637.5, 96.3, 1.5);	(406062.5, 3759987.5, 209.4, 1.5);

* ** ICST3 - VERSION 02035 **

*** WHITTIER MATRIX OIL PROJECT

*** ANALYSIS PEAK DAY 24hr PM emissions

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**MODELOPTs:

CONC URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZFLAG)

(METERS)

Appendix B

PM 24 hour Emissions unmitigated

(406062.5, 3759837.5, 177.7, 1.5);	(406062.5, 3759787.5, 171.7, 1.5);		
(406062.5, 3759737.5, 166.3, 1.5);	(406062.5, 3759687.5, 167.2, 1.5);		
(406062.5, 3759637.5, 161.1, 1.5);	(406062.5, 3759587.5, 157.8, 1.5);		
(406062.5, 3759537.5, 146.4, 1.5);	(406062.5, 3759487.5, 142.0, 1.5);		
(406062.5, 3759437.5, 138.4, 1.5);	(406062.5, 3759387.5, 133.4, 1.5);		
(406062.5, 3759337.5, 129.4, 1.5);	(406062.5, 3759287.5, 126.4, 1.5);		
(406062.5, 3759237.5, 120.0, 1.5);	(406062.5, 3759187.5, 119.0, 1.5);		
(406062.5, 3759137.5, 117.0, 1.5);	(406062.5, 3759087.5, 114.9, 1.5);		
(406062.5, 3759037.5, 113.0, 1.5);	(406062.5, 3758987.5, 112.0, 1.5);		
(406062.5, 3758937.5, 109.0, 1.5);	(406062.5, 3758887.5, 107.3, 1.5);		
(406062.5, 3758837.5, 105.0, 1.5);	(406062.5, 3758787.5, 103.0, 1.5);		
(406062.5, 3758737.5, 101.3, 1.5);	(406062.5, 3758687.5, 99.0, 1.5);		
(406062.5, 3758637.5, 98.0, 1.5);	(406112.5, 3759987.5, 180.6, 1.5);		
(406112.5, 3759837.5, 149.0, 1.5);	(406112.5, 3759787.5, 147.9, 1.5);		
(406112.5, 3759737.5, 145.7, 1.5);	(406112.5, 3759687.5, 145.0, 1.5);		
(406112.5, 3759637.5, 143.0, 1.5);	(406112.5, 3759587.5, 143.0, 1.5);		
(406112.5, 3759537.5, 141.7, 1.5);	(406112.5, 3759487.5, 136.8, 1.5);		
(406112.5, 3759437.5, 129.9, 1.5);	(406112.5, 3759387.5, 127.3, 1.5);		
(406112.5, 3759337.5, 128.5, 1.5);	(406112.5, 3759287.5, 127.5, 1.5);		
(406112.5, 3759237.5, 123.2, 1.5);	(406112.5, 3759187.5, 121.2, 1.5);		
(406112.5, 3759137.5, 119.0, 1.5);	(406112.5, 3759087.5, 117.0, 1.5);		
(406112.5, 3759037.5, 115.2, 1.5);	(406112.5, 3758987.5, 114.0, 1.5);		
(406112.5, 3758937.5, 111.3, 1.5);	(406112.5, 3758887.5, 109.2, 1.5);		
(406112.5, 3758837.5, 107.3, 1.5);	(406112.5, 3758787.5, 104.9, 1.5);		
(406112.5, 3758737.5, 102.3, 1.5);	(406112.5, 3758687.5, 100.9, 1.5);		
(406112.5, 3758637.5, 99.0, 1.5);	(406162.5, 3759987.5, 155.4, 1.5);		
(406162.5, 3759837.5, 153.4, 1.5);	(406162.5, 3759787.5, 154.2, 1.5);		
(406162.5, 3759437.5, 137.1, 1.5);	(406162.5, 3759387.5, 138.5, 1.5);		
(406162.5, 3759337.5, 137.8, 1.5);	(406162.5, 3759287.5, 132.2, 1.5);		
(406162.5, 3759237.5, 126.2, 1.5);	(406162.5, 3759187.5, 123.2, 1.5);		
(406162.5, 3759137.5, 120.9, 1.5);	(406162.5, 3759087.5, 119.0, 1.5);		
(406162.5, 3759037.5, 117.3, 1.5);	(406162.5, 3758987.5, 116.0, 1.5);		
(406162.5, 3758937.5, 113.2, 1.5);	(406162.5, 3758887.5, 111.0, 1.5);		
(406162.5, 3758837.5, 109.0, 1.5);	(406162.5, 3758787.5, 105.9, 1.5);		
(406162.5, 3758737.5, 103.0, 1.5);	(406162.5, 3758687.5, 102.0, 1.5);		
(406162.5, 3758637.5, 100.0, 1.5);	(406212.5, 3759437.5, 151.9, 1.5);		
(406212.5, 3759387.5, 147.2, 1.5);	(406212.5, 3759337.5, 141.0, 1.5);		
(406212.5, 3759287.5, 134.9, 1.5);	(406212.5, 3759237.5, 128.2, 1.5);		
(406212.5, 3759187.5, 125.0, 1.5);	(406212.5, 3759137.5, 123.0, 1.5);		
(406212.5, 3759087.5, 120.9, 1.5);	(406212.5, 3759037.5, 118.9, 1.5);		
(406212.5, 3758987.5, 117.0, 1.5);	(406212.5, 3758937.5, 114.9, 1.5);		
(406212.5, 3758887.5, 112.0, 1.5);	(406212.5, 3758837.5, 109.2, 1.5);		
(406212.5, 3758787.5, 107.0, 1.5);	(406212.5, 3758737.5, 104.0, 1.5);		
(406212.5, 3758687.5, 103.0, 1.5);	(406212.5, 3758637.5, 102.0, 1.5);		
(406262.5, 3759437.5, 153.2, 1.5);	(406262.5, 3759387.5, 149.5, 1.5);		

• *** ISCS3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

*** 07/29/11
 *** 11:29:13
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*** ANALYSIS PEAK DAY 24hr PM emissions

**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406262.5, 3759337.5, 139.9, 1.5);	(406262.5, 3759287.5, 135.9, 1.5);
(406262.5, 3759237.5, 131.2, 1.5);	(406262.5, 3759187.5, 126.9, 1.5);
(406262.5, 3759137.5, 124.0, 1.5);	(406262.5, 3759087.5, 122.0, 1.5);
(406262.5, 3759037.5, 119.9, 1.5);	(406262.5, 3758987.5, 117.0, 1.5);
(406262.5, 3758937.5, 114.9, 1.5);	(406262.5, 3758887.5, 112.0, 1.5);
(406262.5, 3758837.5, 109.7, 1.5);	(406262.5, 3758787.5, 108.0, 1.5);
(406262.5, 3758737.5, 105.0, 1.5);	(406262.5, 3758687.5, 104.0, 1.5);
(406262.5, 3758637.5, 103.0, 1.5);	(406312.5, 3759437.5, 155.9, 1.5);
(406312.5, 3759387.5, 153.9, 1.5);	(406312.5, 3759337.5, 144.2, 1.5);
(406312.5, 3759287.5, 138.0, 1.5);	(406312.5, 3759237.5, 133.0, 1.5);
(406312.5, 3759187.5, 128.0, 1.5);	(406312.5, 3759137.5, 124.9, 1.5);
(406312.5, 3759087.5, 122.0, 1.5);	(406312.5, 3759037.5, 119.9, 1.5);
(406312.5, 3758987.5, 117.0, 1.5);	(406312.5, 3758937.5, 114.0, 1.5);
(406312.5, 3758887.5, 112.0, 1.5);	(406312.5, 3758837.5, 109.9, 1.5);
(406312.5, 3758787.5, 108.0, 1.5);	(406312.5, 3758737.5, 106.0, 1.5);
(406312.5, 3758687.5, 105.0, 1.5);	(406312.5, 3758637.5, 104.2, 1.5);
(406362.5, 3759437.5, 151.1, 1.5);	(406362.5, 3759387.5, 148.1, 1.5);
(406362.5, 3759337.5, 143.6, 1.5);	(406362.5, 3759287.5, 136.9, 1.5);
(406362.5, 3759237.5, 133.0, 1.5);	(406362.5, 3759187.5, 128.9, 1.5);
(406362.5, 3759137.5, 125.9, 1.5);	(406362.5, 3759087.5, 123.0, 1.5);
(406362.5, 3759037.5, 120.0, 1.5);	(406362.5, 3758987.5, 117.0, 1.5);

Appendix B

PM 24 hour Emissions unmitigated

(406362.5, 3758937.5, 114.9, 1.5);	(406362.5, 3758887.5, 111.7, 1.5);
(406362.5, 3758837.5, 109.0, 1.5);	(406362.5, 3758787.5, 108.0, 1.5);
(406362.5, 3758737.5, 107.3, 1.5);	(406362.5, 3758687.5, 107.0, 1.5);
(406362.5, 3758637.5, 106.0, 1.5);	(406412.5, 3759337.5, 138.9, 1.5);
(406412.5, 3759287.5, 136.0, 1.5);	(406412.5, 3759237.5, 134.0, 1.5);
(406412.5, 3759187.5, 129.9, 1.5);	(406412.5, 3759137.5, 126.0, 1.5);
(406412.5, 3759087.5, 123.0, 1.5);	(406412.5, 3759037.5, 120.0, 1.5);
(406412.5, 3758987.5, 118.0, 1.5);	(406412.5, 3758937.5, 115.2, 1.5);
(406412.5, 3758887.5, 110.9, 1.5);	(406412.5, 3758837.5, 109.0, 1.5);
(406412.5, 3758787.5, 108.3, 1.5);	(406412.5, 3758737.5, 109.0, 1.5);
(406412.5, 3758687.5, 109.0, 1.5);	(406412.5, 3758637.5, 108.2, 1.5);
(406462.5, 3759287.5, 136.9, 1.5);	(406462.5, 3759237.5, 133.9, 1.5);
(406462.5, 3759187.5, 129.9, 1.5);	(406462.5, 3759137.5, 125.9, 1.5);
(406462.5, 3759087.5, 122.0, 1.5);	(406462.5, 3759037.5, 120.0, 1.5);
(406462.5, 3758987.5, 118.0, 1.5);	(406462.5, 3758937.5, 116.0, 1.5);
(406462.5, 3758887.5, 112.2, 1.5);	(406462.5, 3758837.5, 109.2, 1.5);
(406462.5, 3758787.5, 110.2, 1.5);	(406462.5, 3758737.5, 110.2, 1.5);
(406462.5, 3758687.5, 110.9, 1.5);	(406462.5, 3758637.5, 109.2, 1.5);
(406512.5, 3759287.5, 138.0, 1.5);	(406512.5, 3759237.5, 134.0, 1.5);
(406512.5, 3759187.5, 129.2, 1.5);	(406512.5, 3759137.5, 126.2, 1.5);
(406512.5, 3759087.5, 123.9, 1.5);	(406512.5, 3759037.5, 121.2, 1.5);
(406512.5, 3758987.5, 118.9, 1.5);	(406512.5, 3758937.5, 116.7, 1.5);
(406512.5, 3758887.5, 114.0, 1.5);	(406512.5, 3758837.5, 114.2, 1.5);
(406512.5, 3758787.5, 113.3, 1.5);	(406512.5, 3758737.5, 113.3, 1.5);

* *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

07/29/11

*** ANALYSIS PEAK DAY 24hr PM emissions

11:29:13

**MODELOPTs:

CONC

URBAN ELEV FLGPOL

NOCALM

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*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZFLAG)

(METERS)

(406512.5, 3758687.5, 112.3, 1.5);	(406512.5, 3758637.5, 111.3, 1.5);
(406562.5, 3759237.5, 135.2, 1.5);	(406562.5, 3759187.5, 131.9, 1.5);
(406562.5, 3759137.5, 128.0, 1.5);	(406562.5, 3759087.5, 125.2, 1.5);
(406562.5, 3759037.5, 123.0, 1.5);	(406562.5, 3758987.5, 119.9, 1.5);
(406562.5, 3758937.5, 116.3, 1.5);	(406562.5, 3758887.5, 116.3, 1.5);
(406562.5, 3758837.5, 117.3, 1.5);	(406562.5, 3758787.5, 116.3, 1.5);
(406562.5, 3758737.5, 115.9, 1.5);	(406562.5, 3758687.5, 114.2, 1.5);
(406562.5, 3758637.5, 113.0, 1.5);	(406562.5, 3758587.5, 111.0, 1.5);
(406612.5, 3759187.5, 134.2, 1.5);	(406612.5, 3759137.5, 130.2, 1.5);
(406612.5, 3759087.5, 126.9, 1.5);	(406612.5, 3759037.5, 123.0, 1.5);
(406612.5, 3758987.5, 120.9, 1.5);	(406612.5, 3758937.5, 121.2, 1.5);
(406612.5, 3758887.5, 121.2, 1.5);	(406612.5, 3758837.5, 120.0, 1.5);
(406612.5, 3758787.5, 118.0, 1.5);	(406612.5, 3758737.5, 117.0, 1.5);
(406612.5, 3758687.5, 115.9, 1.5);	(406612.5, 3758637.5, 113.0, 1.5);
(406612.5, 3758587.5, 111.0, 1.5);	(406662.5, 3759187.5, 135.9, 1.5);
(406662.5, 3759137.5, 130.9, 1.5);	(406662.5, 3759087.5, 128.0, 1.5);
(406662.5, 3759037.5, 125.2, 1.5);	(406662.5, 3758987.5, 124.5, 1.5);
(406662.5, 3758937.5, 125.0, 1.5);	(406662.5, 3758887.5, 123.0, 1.5);
(406662.5, 3758837.5, 122.0, 1.5);	(406662.5, 3758787.5, 119.0, 1.5);
(406662.5, 3758737.5, 117.0, 1.5);	(406712.5, 3759137.5, 131.2, 1.5);
(406712.5, 3759087.5, 131.3, 1.5);	(406712.5, 3759037.5, 130.5, 1.5);
(406712.5, 3758987.5, 129.2, 1.5);	(406712.5, 3758937.5, 128.0, 1.5);
(406712.5, 3758887.5, 123.7, 1.5);	(406712.5, 3758587.5, 113.9, 1.5);
(406762.5, 3759037.5, 136.2, 1.5);	(406762.5, 3758987.5, 131.9, 1.5);
(406762.5, 3758937.5, 127.0, 1.5);	(406762.5, 3758687.5, 118.3, 1.5);
(406762.5, 3758637.5, 116.7, 1.5);	(406762.5, 3758587.5, 114.0, 1.5);
(406812.5, 3758987.5, 132.6, 1.5);	(406812.5, 3758687.5, 121.2, 1.5);
(406812.5, 3758637.5, 117.3, 1.5);	(406812.5, 3758587.5, 115.6, 1.5);
(406862.5, 3758737.5, 124.0, 1.5);	(406862.5, 3758687.5, 122.0, 1.5);
(406862.5, 3758637.5, 118.0, 1.5);	(406862.5, 3758587.5, 108.7, 1.5);
(406912.5, 3758787.5, 127.0, 1.5);	(406912.5, 3758737.5, 123.0, 1.5);
(406912.5, 3758687.5, 120.0, 1.5);	(406912.5, 3758637.5, 116.6, 1.5);
(406912.5, 3758587.5, 115.3, 1.5);	(406962.5, 3758737.5, 123.0, 1.5);
(406962.5, 3758687.5, 119.9, 1.5);	(406962.5, 3758637.5, 115.0, 1.5);
(406962.5, 3758587.5, 117.0, 1.5);	(407012.5, 3758687.5, 118.9, 1.5);
(407012.5, 3758637.5, 115.3, 1.5);	(407012.5, 3758587.5, 119.3, 1.5);
(407062.5, 3758687.5, 117.0, 1.5);	(407062.5, 3758637.5, 118.6, 1.5);
(407062.5, 3758587.5, 122.0, 1.5);	(407112.5, 3758637.5, 123.3, 1.5);
(407112.5, 3758587.5, 125.0, 1.5);	(407162.5, 3758637.5, 127.0, 1.5);
(407162.5, 3758587.5, 127.0, 1.5);	(407212.5, 3758637.5, 132.0, 1.5);
(407212.5, 3758587.5, 136.3, 1.5);	(407262.5, 3758637.5, 137.3, 1.5);
(407262.5, 3758587.5, 138.3, 1.5);	(407312.5, 3758637.5, 142.3, 1.5);

Appendix B

PM 24 hour Emissions unmitigated

(407312.5, 3758587.5, 141.2, 1.5);	(407362.5, 3758637.5, 146.2, 1.5);	***	07/29/11
(407362.5, 3758587.5, 146.2, 1.5);	(407412.5, 3758637.5, 152.2, 1.5);	***	11:29:13
(407412.5, 3758587.5, 153.3, 1.5);	(407462.5, 3758637.5, 152.7, 1.5);	***	PAGE 35

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK DAY 24hr PM emissions

**MODELOPTs:
 CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(407462.5, 3758587.5, 155.0, 1.5);	(407512.5, 3758637.5, 146.7, 1.5);		
(407512.5, 3758587.5, 146.1, 1.5);	(407562.5, 3758637.5, 0.0, 1.5);		
(407562.5, 3758587.5, 0.0, 1.5);	(407612.5, 3758637.5, 0.0, 1.5);		
(407612.5, 3758587.5, 0.0, 1.5);	(407662.5, 3758637.5, 0.0, 1.5);		
(407662.5, 3758587.5, 0.0, 1.5);	(407712.5, 3758637.5, 0.0, 1.5);		
(407712.5, 3758587.5, 0.0, 1.5);	(407762.5, 3758637.5, 0.0, 1.5);		
(407762.5, 3758587.5, 0.0, 1.5);	(407812.5, 3758637.5, 0.0, 1.5);		
(407812.5, 3758587.5, 0.0, 1.5);	(407862.5, 3758637.5, 0.0, 1.5);		
(407862.5, 3758587.5, 0.0, 1.5);	(407912.5, 3758637.5, 0.0, 1.5);		
(407912.5, 3758587.5, 0.0, 1.5);	(407962.5, 3758637.5, 0.0, 1.5);		
(407962.5, 3758587.5, 0.0, 1.5);	(408012.5, 3758637.5, 0.0, 1.5);		
(408012.5, 3758587.5, 0.0, 1.5);	(408062.5, 3758637.5, 0.0, 1.5);		
(408062.5, 3758587.5, 0.0, 1.5);	(408112.5, 3758637.5, 0.0, 1.5);		
(408112.5, 3758587.5, 0.0, 1.5);	(405987.5, 3758537.5, 93.0, 1.5);		
(406012.5, 3758537.5, 94.0, 1.5);	(406037.5, 3758537.5, 94.7, 1.5);		
(406062.5, 3758537.5, 95.0, 1.5);	(406087.5, 3758537.5, 96.0, 1.5);		
(406112.5, 3758537.5, 96.3, 1.5);	(406137.5, 3758537.5, 97.0, 1.5);		
(406162.5, 3758537.5, 98.0, 1.5);	(406187.5, 3758537.5, 98.8, 1.5);		
(406212.5, 3758537.5, 99.9, 1.5);	(406237.5, 3758537.5, 100.8, 1.5);		
(406262.5, 3758537.5, 102.0, 1.5);	(406287.5, 3758537.5, 103.0, 1.5);		
(406312.5, 3758537.5, 104.0, 1.5);	(406337.5, 3758537.5, 104.7, 1.5);		
(406362.5, 3758537.5, 105.0, 1.5);	(406387.5, 3758537.5, 105.7, 1.5);		
(406412.5, 3758537.5, 106.0, 1.5);	(406437.5, 3758537.5, 107.0, 1.5);		
(406462.5, 3758537.5, 108.0, 1.5);	(406487.5, 3758537.5, 108.0, 1.5);		
(406512.5, 3758537.5, 109.0, 1.5);	(406562.5, 3758537.5, 109.0, 1.5);		
(406612.5, 3758537.5, 109.9, 1.5);	(406662.5, 3758537.5, 109.0, 1.5);		
(406712.5, 3758537.5, 109.9, 1.5);	(406762.5, 3758537.5, 109.0, 1.5);		
(406812.5, 3758537.5, 110.0, 1.5);	(406862.5, 3758537.5, 111.3, 1.5);		
(406912.5, 3758537.5, 114.9, 1.5);	(406962.5, 3758537.5, 118.5, 1.5);		
(407012.5, 3758537.5, 122.0, 1.5);	(407062.5, 3758537.5, 123.0, 1.5);		
(407112.5, 3758537.5, 127.0, 1.5);	(407162.5, 3758537.5, 130.0, 1.5);		
(407212.5, 3758537.5, 141.0, 1.5);	(407262.5, 3758537.5, 142.0, 1.5);		
(407312.5, 3758537.5, 147.0, 1.5);	(407362.5, 3758537.5, 147.3, 1.5);		
(407412.5, 3758537.5, 151.2, 1.5);	(407462.5, 3758537.5, 158.3, 1.5);		
(407512.5, 3758537.5, 148.4, 1.5);	(407562.5, 3758537.5, 0.0, 1.5);		
(407612.5, 3758537.5, 0.0, 1.5);	(407662.5, 3758537.5, 0.0, 1.5);		
(407712.5, 3758537.5, 0.0, 1.5);	(407762.5, 3758537.5, 0.0, 1.5);		
(407812.5, 3758537.5, 0.0, 1.5);	(407862.5, 3758537.5, 0.0, 1.5);		
(407912.5, 3758537.5, 0.0, 1.5);	(407962.5, 3758537.5, 0.0, 1.5);		
(408012.5, 3758537.5, 0.0, 1.5);	(408062.5, 3758537.5, 0.0, 1.5);		
(408112.5, 3758537.5, 0.0, 1.5);	(405962.5, 3758587.5, 94.0, 1.5);		
(406012.5, 3758587.5, 95.0, 1.5);	(406062.5, 3758587.5, 96.0, 1.5);		
(406112.5, 3758587.5, 97.0, 1.5);	(406162.5, 3758587.5, 99.0, 1.5);		
(406212.5, 3758587.5, 100.9, 1.5);	(406262.5, 3758587.5, 102.3, 1.5);		
(406312.5, 3758587.5, 104.2, 1.5);	(406362.5, 3758587.5, 105.2, 1.5);		

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK DAY 24hr PM emissions

**MODELOPTs:
 CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406412.5, 3758587.5, 107.0, 1.5);	(406462.5, 3758587.5, 109.0, 1.5);		
(406512.5, 3758587.5, 110.0, 1.5);	(405987.5, 3760012.5, 229.9, 1.5);		
(405987.5, 3759962.5, 223.9, 1.5);	(405987.5, 3759912.5, 217.2, 1.5);		
(405987.5, 3759862.5, 205.0, 1.5);	(405987.5, 3759812.5, 194.2, 1.5);		
(405987.5, 3759762.5, 190.0, 1.5);	(405987.5, 3759712.5, 179.8, 1.5);		
(405987.5, 3759662.5, 165.8, 1.5);	(405987.5, 3759612.5, 161.8, 1.5);		
(405987.5, 3759562.5, 160.3, 1.5);	(405987.5, 3759512.5, 162.0, 1.5);		
(405987.5, 3759462.5, 161.3, 1.5);	(405987.5, 3759412.5, 153.1, 1.5);		

Appendix B

PM 24 hour Emissions unmitigated

(405987.5, 3759362.5, 143.5, 1.5);	(405987.5, 3759312.5, 134.9, 1.5);
(405987.5, 3759262.5, 126.7, 1.5);	(405987.5, 3759212.5, 116.1, 1.5);
(405987.5, 3759162.5, 115.0, 1.5);	(405987.5, 3759112.5, 113.4, 1.5);
(405987.5, 3759062.5, 110.9, 1.5);	(405987.5, 3759012.5, 109.0, 1.5);
(405987.5, 3758962.5, 108.4, 1.5);	(405987.5, 3758912.5, 106.3, 1.5);
(405987.5, 3758862.5, 104.3, 1.5);	(405987.5, 3758812.5, 102.0, 1.5);
(405987.5, 3758762.5, 100.3, 1.5);	(405987.5, 3758712.5, 98.4, 1.5);
(405987.5, 3758662.5, 96.4, 1.5);	(406037.5, 3760012.5, 220.7, 1.5);
(406037.5, 3759812.5, 181.5, 1.5);	(406037.5, 3759762.5, 179.4, 1.5);
(406037.5, 3759712.5, 178.3, 1.5);	(406037.5, 3759662.5, 166.4, 1.5);
(406037.5, 3759612.5, 162.4, 1.5);	(406037.5, 3759562.5, 159.6, 1.5);
(406037.5, 3759512.5, 152.9, 1.5);	(406037.5, 3759462.5, 142.7, 1.5);
(406037.5, 3759412.5, 141.3, 1.5);	(406037.5, 3759362.5, 135.4, 1.5);
(406037.5, 3759312.5, 133.1, 1.5);	(406037.5, 3759262.5, 122.8, 1.5);
(406037.5, 3759212.5, 119.2, 1.5);	(406037.5, 3759162.5, 116.9, 1.5);
(406037.5, 3759112.5, 115.0, 1.5);	(406037.5, 3759062.5, 112.9, 1.5);
(406037.5, 3759012.5, 111.7, 1.5);	(406037.5, 3758962.5, 110.3, 1.5);
(406037.5, 3758912.5, 108.0, 1.5);	(406037.5, 3758862.5, 105.0, 1.5);
(406037.5, 3758812.5, 103.8, 1.5);	(406037.5, 3758762.5, 101.9, 1.5);
(406037.5, 3758712.5, 99.5, 1.5);	(406037.5, 3758662.5, 97.9, 1.5);
(406087.5, 3760012.5, 200.6, 1.5);	(406087.5, 3759812.5, 152.7, 1.5);
(406087.5, 3759762.5, 150.3, 1.5);	(406087.5, 3759712.5, 151.5, 1.5);
(406087.5, 3759662.5, 147.4, 1.5);	(406087.5, 3759612.5, 149.3, 1.5);
(406087.5, 3759562.5, 143.9, 1.5);	(406087.5, 3759512.5, 142.0, 1.5);
(406087.5, 3759462.5, 139.0, 1.5);	(406087.5, 3759412.5, 130.1, 1.5);
(406087.5, 3759362.5, 128.3, 1.5);	(406087.5, 3759312.5, 127.5, 1.5);
(406087.5, 3759262.5, 122.2, 1.5);	(406087.5, 3759212.5, 120.3, 1.5);
(406087.5, 3759162.5, 119.0, 1.5);	(406087.5, 3759112.5, 116.9, 1.5);
(406087.5, 3759062.5, 115.0, 1.5);	(406087.5, 3759012.5, 113.8, 1.5);
(406087.5, 3758962.5, 111.4, 1.5);	(406087.5, 3758912.5, 109.3, 1.5);
(406087.5, 3758862.5, 107.4, 1.5);	(406087.5, 3758812.5, 105.0, 1.5);
(406087.5, 3758762.5, 103.0, 1.5);	(406087.5, 3758712.5, 101.0, 1.5);
(406087.5, 3758662.5, 99.0, 1.5);	(406137.5, 3760012.5, 175.9, 1.5);
(406137.5, 3759812.5, 147.9, 1.5);	(406137.5, 3759762.5, 147.9, 1.5);
(406137.5, 3759712.5, 147.5, 1.5);	(406137.5, 3759662.5, 145.6, 1.5);
(406137.5, 3759612.5, 143.0, 1.5);	(406137.5, 3759562.5, 140.5, 1.5);
(406137.5, 3759512.5, 133.1, 1.5);	(406137.5, 3759462.5, 130.0, 1.5);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

*** ANALYSIS PEAK DAY 24hr PM emissions

07/29/11

11:29:13

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**MODELOPTs:

CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZFLAG)

(METERS)

(406137.5, 3759412.5, 132.0, 1.5);	(406137.5, 3759362.5, 133.0, 1.5);
(406137.5, 3759312.5, 133.0, 1.5);	(406137.5, 3759262.5, 127.2, 1.5);
(406137.5, 3759212.5, 123.4, 1.5);	(406137.5, 3759162.5, 121.3, 1.5);
(406137.5, 3759112.5, 119.0, 1.5);	(406137.5, 3759062.5, 116.9, 1.5);
(406137.5, 3759012.5, 116.0, 1.5);	(406137.5, 3758962.5, 113.8, 1.5);
(406137.5, 3758912.5, 111.3, 1.5);	(406137.5, 3758862.5, 109.0, 1.5);
(406137.5, 3758812.5, 106.4, 1.5);	(406137.5, 3758762.5, 104.3, 1.5);
(406137.5, 3758712.5, 102.0, 1.5);	(406137.5, 3758662.5, 100.3, 1.5);
(406187.5, 3759412.5, 146.6, 1.5);	(406187.5, 3759362.5, 141.2, 1.5);
(406187.5, 3759312.5, 138.7, 1.5);	(406187.5, 3759262.5, 130.3, 1.5);
(406187.5, 3759212.5, 125.9, 1.5);	(406187.5, 3759162.5, 123.0, 1.5);
(406187.5, 3759112.5, 120.9, 1.5);	(406187.5, 3759062.5, 118.8, 1.5);
(406187.5, 3759012.5, 117.3, 1.5);	(406187.5, 3758962.5, 115.9, 1.5);
(406187.5, 3758912.5, 112.4, 1.5);	(406187.5, 3758862.5, 110.5, 1.5);
(406187.5, 3758812.5, 108.0, 1.5);	(406187.5, 3758762.5, 105.0, 1.5);
(406187.5, 3758712.5, 102.9, 1.5);	(406187.5, 3758662.5, 101.9, 1.5);
(406237.5, 3759412.5, 150.2, 1.5);	(406237.5, 3759362.5, 144.1, 1.5);
(406237.5, 3759312.5, 138.1, 1.5);	(406237.5, 3759262.5, 133.3, 1.5);
(406237.5, 3759212.5, 127.3, 1.5);	(406237.5, 3759162.5, 124.4, 1.5);
(406237.5, 3759112.5, 122.9, 1.5);	(406237.5, 3759062.5, 120.3, 1.5);
(406237.5, 3759012.5, 118.0, 1.5);	(406237.5, 3758962.5, 116.0, 1.5);
(406237.5, 3758912.5, 113.4, 1.5);	(406237.5, 3758862.5, 111.0, 1.5);
(406237.5, 3758812.5, 108.4, 1.5);	(406237.5, 3758762.5, 105.5, 1.5);
(406237.5, 3758712.5, 104.0, 1.5);	(406237.5, 3758662.5, 102.9, 1.5);
(406287.5, 3759412.5, 153.8, 1.5);	(406287.5, 3759362.5, 146.7, 1.5);
(406287.5, 3759312.5, 138.8, 1.5);	(406287.5, 3759262.5, 134.4, 1.5);
(406287.5, 3759212.5, 129.4, 1.5);	(406287.5, 3759162.5, 126.0, 1.5);
(406287.5, 3759112.5, 123.0, 1.5);	(406287.5, 3759062.5, 121.0, 1.5);
(406287.5, 3759012.5, 118.4, 1.5);	(406287.5, 3758962.5, 116.0, 1.5);

Appendix B

PM 24 hour Emissions unmitigated

(406287.5, 3758912.5, 113.4, 1.5);	(406287.5, 3758862.5, 110.9, 1.5);
(406287.5, 3758812.5, 108.4, 1.5);	(406287.5, 3758762.5, 106.4, 1.5);
(406287.5, 3758712.5, 105.0, 1.5);	(406287.5, 3758662.5, 104.0, 1.5);
(406337.5, 3759412.5, 153.6, 1.5);	(406337.5, 3759362.5, 149.5, 1.5);
(406337.5, 3759312.5, 140.9, 1.5);	(406337.5, 3759262.5, 135.5, 1.5);
(406337.5, 3759212.5, 130.5, 1.5);	(406337.5, 3759162.5, 127.3, 1.5);
(406337.5, 3759112.5, 123.4, 1.5);	(406337.5, 3759062.5, 121.0, 1.5);
(406337.5, 3759012.5, 118.4, 1.5);	(406337.5, 3758962.5, 115.5, 1.5);
(406337.5, 3758912.5, 113.0, 1.5);	(406337.5, 3758862.5, 110.6, 1.5);
(406337.5, 3758812.5, 109.0, 1.5);	(406337.5, 3758762.5, 107.0, 1.5);
(406337.5, 3758712.5, 106.0, 1.5);	(406337.5, 3758662.5, 105.8, 1.5);
(406387.5, 3759362.5, 141.9, 1.5);	(406387.5, 3759312.5, 138.7, 1.5);
(406387.5, 3759262.5, 134.3, 1.5);	(406387.5, 3759212.5, 131.4, 1.5);
(406387.5, 3759162.5, 127.4, 1.5);	(406387.5, 3759112.5, 124.4, 1.5);
(406387.5, 3759062.5, 122.0, 1.5);	(406387.5, 3759012.5, 119.0, 1.5);
(406387.5, 3758962.5, 116.3, 1.5);	(406387.5, 3758912.5, 113.4, 1.5);

* *** ICSCT3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
**MODELOPTs: PAGE 38
CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406387.5, 3758862.5, 109.5, 1.5);	(406387.5, 3758812.5, 108.0, 1.5);
(406387.5, 3758762.5, 108.0, 1.5);	(406387.5, 3758712.5, 108.0, 1.5);
(406387.5, 3758662.5, 107.7, 1.5);	(406437.5, 3759312.5, 137.4, 1.5);
(406437.5, 3759262.5, 135.1, 1.5);	(406437.5, 3759212.5, 131.9, 1.5);
(406437.5, 3759162.5, 127.4, 1.5);	(406437.5, 3759112.5, 124.4, 1.5);
(406437.5, 3759062.5, 121.4, 1.5);	(406437.5, 3759012.5, 119.5, 1.5);
(406437.5, 3758962.5, 117.0, 1.5);	(406437.5, 3758912.5, 114.2, 1.5);
(406437.5, 3758862.5, 109.3, 1.5);	(406437.5, 3758812.5, 109.0, 1.5);
(406437.5, 3758762.5, 109.0, 1.5);	(406437.5, 3758712.5, 109.4, 1.5);
(406437.5, 3758662.5, 109.0, 1.5);	(406487.5, 3759312.5, 138.3, 1.5);
(406487.5, 3759262.5, 135.5, 1.5);	(406487.5, 3759212.5, 131.4, 1.5);
(406487.5, 3759162.5, 127.1, 1.5);	(406487.5, 3759112.5, 124.4, 1.5);
(406487.5, 3759062.5, 121.9, 1.5);	(406487.5, 3759012.5, 119.8, 1.5);
(406487.5, 3758962.5, 117.4, 1.5);	(406487.5, 3758912.5, 115.5, 1.5);
(406487.5, 3758862.5, 111.9, 1.5);	(406487.5, 3758812.5, 111.3, 1.5);
(406487.5, 3758762.5, 112.0, 1.5);	(406487.5, 3758712.5, 112.0, 1.5);
(406487.5, 3758662.5, 111.0, 1.5);	(406537.5, 3759262.5, 136.4, 1.5);
(406537.5, 3759212.5, 132.4, 1.5);	(406537.5, 3759162.5, 128.4, 1.5);
(406537.5, 3759112.5, 125.9, 1.5);	(406537.5, 3759062.5, 123.0, 1.5);
(406537.5, 3759012.5, 120.9, 1.5);	(406537.5, 3758962.5, 117.0, 1.5);
(406537.5, 3758912.5, 115.0, 1.5);	(406537.5, 3758862.5, 115.4, 1.5);
(406537.5, 3758812.5, 115.9, 1.5);	(406537.5, 3758762.5, 115.0, 1.5);
(406537.5, 3758712.5, 114.0, 1.5);	(406537.5, 3758662.5, 112.9, 1.5);
(406587.5, 3759212.5, 134.8, 1.5);	(406587.5, 3759162.5, 131.2, 1.5);
(406587.5, 3759112.5, 127.3, 1.5);	(406587.5, 3759062.5, 124.4, 1.5);
(406587.5, 3759012.5, 121.4, 1.5);	(406587.5, 3758962.5, 118.8, 1.5);
(406587.5, 3758912.5, 118.8, 1.5);	(406587.5, 3758862.5, 119.3, 1.5);
(406587.5, 3758812.5, 118.0, 1.5);	(406587.5, 3758762.5, 116.9, 1.5);
(406587.5, 3758712.5, 115.9, 1.5);	(406587.5, 3758662.5, 114.3, 1.5);
(406587.5, 3758612.5, 112.0, 1.5);	(406637.5, 3759212.5, 137.3, 1.5);
(406637.5, 3759162.5, 133.4, 1.5);	(406637.5, 3759112.5, 129.4, 1.5);
(406637.5, 3759062.5, 126.4, 1.5);	(406637.5, 3759012.5, 121.9, 1.5);
(406637.5, 3758962.5, 122.9, 1.5);	(406637.5, 3758912.5, 122.7, 1.5);
(406637.5, 3758862.5, 121.9, 1.5);	(406637.5, 3758812.5, 120.0, 1.5);
(406637.5, 3758762.5, 118.0, 1.5);	(406637.5, 3758712.5, 116.9, 1.5);
(406637.5, 3758662.5, 113.6, 1.5);	(406687.5, 3759162.5, 133.6, 1.5);
(406687.5, 3759112.5, 128.0, 1.5);	(406687.5, 3759062.5, 128.7, 1.5);
(406687.5, 3759012.5, 127.3, 1.5);	(406687.5, 3758962.5, 126.7, 1.5);
(406687.5, 3758912.5, 125.5, 1.5);	(406687.5, 3758862.5, 123.0, 1.5);
(406687.5, 3758762.5, 118.0, 1.5);	(406737.5, 3759112.5, 133.7, 1.5);
(406737.5, 3759062.5, 136.5, 1.5);	(406737.5, 3759012.5, 132.2, 1.5);
(406737.5, 3758962.5, 129.4, 1.5);	(406737.5, 3758912.5, 125.5, 1.5);
(406737.5, 3758862.5, 117.7, 1.5);	(406737.5, 3758612.5, 116.0, 1.5);
(406787.5, 3759012.5, 134.8, 1.5);	(406787.5, 3758962.5, 129.4, 1.5);
(406787.5, 3758712.5, 120.6, 1.5);	(406787.5, 3758662.5, 119.3, 1.5);

* *** ICSCT3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
**MODELOPTs: PAGE 39
CONC URBAN ELEV FLGPOL NOCALM

Appendix B

PM 24 hour Emissions unmitigated

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406787.5, 3758612.5, 115.8, 1.5);	(406837.5, 3758712.5, 123.0, 1.5);
(406837.5, 3758662.5, 120.5, 1.5);	(406837.5, 3758612.5, 116.6, 1.5);
(406887.5, 3758762.5, 125.3, 1.5);	(406887.5, 3758712.5, 122.4, 1.5);
(406887.5, 3758662.5, 119.5, 1.5);	(406887.5, 3758612.5, 112.6, 1.5);
(406937.5, 3758762.5, 125.5, 1.5);	(406937.5, 3758712.5, 121.4, 1.5);
(406937.5, 3758662.5, 117.6, 1.5);	(406937.5, 3758612.5, 115.4, 1.5);
(406987.5, 3758712.5, 121.9, 1.5);	(406987.5, 3758662.5, 116.4, 1.5);
(406987.5, 3758612.5, 116.4, 1.5);	(407037.5, 3758712.5, 121.4, 1.5);
(407037.5, 3758662.5, 115.1, 1.5);	(407037.5, 3758612.5, 119.3, 1.5);
(407087.5, 3758662.5, 116.7, 1.5);	(407087.5, 3758612.5, 122.9, 1.5);
(407137.5, 3758662.5, 123.3, 1.5);	(407137.5, 3758612.5, 125.8, 1.5);
(407187.5, 3758662.5, 129.8, 1.5);	(407187.5, 3758612.5, 130.3, 1.5);
(407237.5, 3758662.5, 134.8, 1.5);	(407237.5, 3758612.5, 134.5, 1.5);
(407287.5, 3758662.5, 139.8, 1.5);	(407287.5, 3758612.5, 139.8, 1.5);
(407337.5, 3758662.5, 144.7, 1.5);	(407337.5, 3758612.5, 143.7, 1.5);
(407387.5, 3758662.5, 149.7, 1.5);	(407387.5, 3758612.5, 149.5, 1.5);
(407437.5, 3758662.5, 153.7, 1.5);	(407437.5, 3758612.5, 154.4, 1.5);
(407487.5, 3758662.5, 152.4, 1.5);	(407487.5, 3758612.5, 149.5, 1.5);
(407537.5, 3758662.5, 0.0, 1.5);	(407537.5, 3758612.5, 0.0, 1.5);
(407587.5, 3758662.5, 0.0, 1.5);	(407587.5, 3758612.5, 0.0, 1.5);
(407637.5, 3758612.5, 0.0, 1.5);	(407687.5, 3758612.5, 0.0, 1.5);
(407737.5, 3758612.5, 0.0, 1.5);	(407787.5, 3758612.5, 0.0, 1.5);
(407837.5, 3758612.5, 0.0, 1.5);	(407887.5, 3758612.5, 0.0, 1.5);
(407937.5, 3758612.5, 0.0, 1.5);	(407987.5, 3758612.5, 0.0, 1.5);
(408037.5, 3758612.5, 0.0, 1.5);	(408087.5, 3758612.5, 0.0, 1.5);
(405987.5, 3758612.5, 95.0, 1.5);	(406037.5, 3758612.5, 96.3, 1.5);
(406087.5, 3758612.5, 97.4, 1.5);	(406137.5, 3758612.5, 98.4, 1.5);
(406187.5, 3758612.5, 100.3, 1.5);	(406237.5, 3758612.5, 102.0, 1.5);
(406287.5, 3758612.5, 103.8, 1.5);	(406337.5, 3758612.5, 105.0, 1.5);
(406387.5, 3758612.5, 106.9, 1.5);	(406437.5, 3758612.5, 108.8, 1.5);
(406487.5, 3758612.5, 110.0, 1.5);	(406512.5, 3758562.5, 109.1, 1.5);
(406537.5, 3758612.5, 111.3, 1.5);	(406562.5, 3758562.5, 110.0, 1.5);
(406612.5, 3758562.5, 110.8, 1.5);	(406662.5, 3758562.5, 110.0, 1.5);
(406712.5, 3758562.5, 112.0, 1.5);	(406762.5, 3758562.5, 112.0, 1.5);
(406812.5, 3758562.5, 110.7, 1.5);	(406862.5, 3758562.5, 109.8, 1.5);
(406912.5, 3758562.5, 116.1, 1.5);	(406962.5, 3758562.5, 118.1, 1.5);
(407012.5, 3758562.5, 120.6, 1.5);	(407062.5, 3758562.5, 122.6, 1.5);
(407112.5, 3758562.5, 126.1, 1.5);	(407162.5, 3758562.5, 127.1, 1.5);
(407212.5, 3758562.5, 139.0, 1.5);	(407262.5, 3758562.5, 139.8, 1.5);
(407312.5, 3758562.5, 142.0, 1.5);	(407362.5, 3758562.5, 146.2, 1.5);
(407412.5, 3758562.5, 152.1, 1.5);	(407462.5, 3758562.5, 157.2, 1.5);
(407512.5, 3758562.5, 147.3, 1.5);	(407562.5, 3758562.5, 0.0, 1.5);
(407612.5, 3758562.5, 0.0, 1.5);	(407662.5, 3758562.5, 0.0, 1.5);
(407712.5, 3758562.5, 0.0, 1.5);	(407762.5, 3758562.5, 0.0, 1.5);
(407812.5, 3758562.5, 0.0, 1.5);	(407862.5, 3758562.5, 0.0, 1.5);

• *** ISCS3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK DAY 24hr PM emissions

*** 07/29/11
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**MODELOPTs: URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(407912.5, 3758562.5, 0.0, 1.5);	(407962.5, 3758562.5, 0.0, 1.5);
(408012.5, 3758562.5, 0.0, 1.5);	(408062.5, 3758562.5, 0.0, 1.5);
(408112.5, 3758562.5, 0.0, 1.5);	(405987.5, 3759987.5, 228.1, 1.5);
(405987.5, 3759937.5, 218.6, 1.5);	(405987.5, 3759887.5, 212.3, 1.5);
(405987.5, 3759837.5, 197.9, 1.5);	(405987.5, 3759787.5, 191.2, 1.5);
(405987.5, 3759737.5, 190.5, 1.5);	(405987.5, 3759687.5, 168.9, 1.5);
(405987.5, 3759637.5, 163.7, 1.5);	(405987.5, 3759587.5, 159.7, 1.5);
(405987.5, 3759537.5, 161.8, 1.5);	(405987.5, 3759487.5, 162.0, 1.5);
(405987.5, 3759437.5, 158.7, 1.5);	(405987.5, 3759387.5, 148.9, 1.5);
(405987.5, 3759337.5, 139.7, 1.5);	(405987.5, 3759287.5, 129.9, 1.5);
(405987.5, 3759237.5, 122.7, 1.5);	(405987.5, 3759187.5, 115.0, 1.5);
(405987.5, 3759137.5, 114.7, 1.5);	(405987.5, 3759087.5, 112.0, 1.5);
(405987.5, 3759037.5, 109.0, 1.5);	(405987.5, 3758987.5, 109.0, 1.5);
(405987.5, 3758937.5, 107.7, 1.5);	(405987.5, 3758887.5, 105.0, 1.5);
(405987.5, 3758837.5, 103.0, 1.5);	(405987.5, 3758787.5, 101.0, 1.5);
(405987.5, 3758737.5, 99.0, 1.5);	(405987.5, 3758687.5, 97.7, 1.5);

Appendix B

PM 24 hour Emissions unmitigated

(406037.5, 3759987.5, 215.7, 1.5);	(406037.5, 3759837.5, 192.5, 1.5);
(406037.5, 3759787.5, 184.0, 1.5);	(406037.5, 3759737.5, 179.8, 1.5);
(406037.5, 3759687.5, 170.7, 1.5);	(406037.5, 3759637.5, 164.2, 1.5);
(406037.5, 3759587.5, 160.2, 1.5);	(406037.5, 3759537.5, 157.6, 1.5);
(406037.5, 3759487.5, 146.4, 1.5);	(406037.5, 3759437.5, 141.2, 1.5);
(406037.5, 3759387.5, 139.4, 1.5);	(406037.5, 3759337.5, 133.2, 1.5);
(406037.5, 3759287.5, 127.3, 1.5);	(406037.5, 3759237.5, 120.9, 1.5);
(406037.5, 3759187.5, 118.0, 1.5);	(406037.5, 3759137.5, 116.0, 1.5);
(406037.5, 3759087.5, 114.0, 1.5);	(406037.5, 3759037.5, 111.7, 1.5);
(406037.5, 3758987.5, 111.0, 1.5);	(406037.5, 3758937.5, 109.0, 1.5);
(406037.5, 3758887.5, 106.7, 1.5);	(406037.5, 3758837.5, 104.0, 1.5);
(406037.5, 3758787.5, 102.7, 1.5);	(406037.5, 3758737.5, 100.7, 1.5);
(406037.5, 3758687.5, 98.0, 1.5);	(406087.5, 3759987.5, 196.7, 1.5);
(406087.5, 3759837.5, 156.9, 1.5);	(406087.5, 3759787.5, 152.5, 1.5);
(406087.5, 3759737.5, 151.3, 1.5);	(406087.5, 3759687.5, 149.5, 1.5);
(406087.5, 3759637.5, 149.5, 1.5);	(406087.5, 3759587.5, 146.6, 1.5);
(406087.5, 3759537.5, 142.0, 1.5);	(406087.5, 3759487.5, 141.2, 1.5);
(406087.5, 3759437.5, 132.6, 1.5);	(406087.5, 3759387.5, 128.4, 1.5);
(406087.5, 3759337.5, 127.0, 1.5);	(406087.5, 3759287.5, 128.2, 1.5);
(406087.5, 3759237.5, 121.0, 1.5);	(406087.5, 3759187.5, 120.0, 1.5);
(406087.5, 3759137.5, 118.0, 1.5);	(406087.5, 3759087.5, 116.0, 1.5);
(406087.5, 3759037.5, 114.0, 1.5);	(406087.5, 3758987.5, 112.7, 1.5);
(406087.5, 3758937.5, 110.0, 1.5);	(406087.5, 3758887.5, 108.7, 1.5);
(406087.5, 3758837.5, 106.0, 1.5);	(406087.5, 3758787.5, 104.0, 1.5);
(406087.5, 3758737.5, 102.0, 1.5);	(406087.5, 3758687.5, 100.0, 1.5);
(406137.5, 3759987.5, 167.9, 1.5);	(406137.5, 3759837.5, 148.9, 1.5);
(406137.5, 3759787.5, 147.9, 1.5);	(406137.5, 3759737.5, 147.5, 1.5);
(406137.5, 3759687.5, 147.5, 1.5);	(406137.5, 3759637.5, 143.7, 1.5);
(406137.5, 3759587.5, 141.9, 1.5);	(406137.5, 3759537.5, 139.3, 1.5);

*** ICST3 - VERSION 02035 *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK DAY 24hr PM emissions

*** 07/29/11
 *** 11:29:13
 *** PAGE 41

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406137.5, 3759487.5, 130.4, 1.5);	(406137.5, 3759437.5, 130.8, 1.5);
(406137.5, 3759387.5, 133.5, 1.5);	(406137.5, 3759337.5, 132.6, 1.5);
(406137.5, 3759287.5, 130.7, 1.5);	(406137.5, 3759237.5, 124.9, 1.5);
(406137.5, 3759187.5, 122.7, 1.5);	(406137.5, 3759137.5, 120.0, 1.5);
(406137.5, 3759087.5, 118.0, 1.5);	(406137.5, 3759037.5, 116.0, 1.5);
(406137.5, 3758987.5, 115.0, 1.5);	(406137.5, 3758937.5, 112.7, 1.5);
(406137.5, 3758887.5, 110.0, 1.5);	(406137.5, 3758837.5, 108.0, 1.5);
(406137.5, 3758787.5, 105.0, 1.5);	(406137.5, 3758737.5, 103.0, 1.5);
(406137.5, 3758687.5, 101.0, 1.5);	(406187.5, 3759437.5, 148.5, 1.5);
(406187.5, 3759387.5, 143.3, 1.5);	(406187.5, 3759337.5, 141.0, 1.5);
(406187.5, 3759287.5, 133.9, 1.5);	(406187.5, 3759237.5, 127.0, 1.5);
(406187.5, 3759187.5, 124.0, 1.5);	(406187.5, 3759137.5, 122.0, 1.5);
(406187.5, 3759087.5, 120.0, 1.5);	(406187.5, 3759037.5, 118.0, 1.5);
(406187.5, 3758987.5, 116.7, 1.5);	(406187.5, 3758937.5, 114.0, 1.5);
(406187.5, 3758887.5, 111.7, 1.5);	(406187.5, 3758837.5, 109.0, 1.5);
(406187.5, 3758787.5, 106.0, 1.5);	(406187.5, 3758737.5, 103.9, 1.5);
(406187.5, 3758687.5, 102.0, 1.5);	(406237.5, 3759437.5, 152.9, 1.5);
(406237.5, 3759387.5, 147.2, 1.5);	(406237.5, 3759337.5, 140.9, 1.5);
(406237.5, 3759287.5, 135.9, 1.5);	(406237.5, 3759237.5, 129.9, 1.5);
(406237.5, 3759187.5, 126.0, 1.5);	(406237.5, 3759137.5, 123.0, 1.5);
(406237.5, 3759087.5, 121.7, 1.5);	(406237.5, 3759037.5, 119.0, 1.5);
(406237.5, 3758987.5, 117.0, 1.5);	(406237.5, 3758937.5, 114.9, 1.5);
(406237.5, 3758887.5, 112.0, 1.5);	(406237.5, 3758837.5, 109.9, 1.5);
(406237.5, 3758787.5, 107.0, 1.5);	(406237.5, 3758737.5, 104.9, 1.5);
(406237.5, 3758687.5, 103.0, 1.5);	(406287.5, 3759437.5, 155.0, 1.5);
(406287.5, 3759387.5, 152.7, 1.5);	(406287.5, 3759337.5, 141.7, 1.5);
(406287.5, 3759287.5, 136.9, 1.5);	(406287.5, 3759237.5, 131.9, 1.5);
(406287.5, 3759187.5, 127.0, 1.5);	(406287.5, 3759137.5, 124.7, 1.5);
(406287.5, 3759087.5, 122.0, 1.5);	(406287.5, 3759037.5, 119.9, 1.5);
(406287.5, 3758987.5, 117.0, 1.5);	(406287.5, 3758937.5, 114.9, 1.5);
(406287.5, 3758887.5, 112.0, 1.5);	(406287.5, 3758837.5, 109.0, 1.5);
(406287.5, 3758787.5, 108.0, 1.5);	(406287.5, 3758737.5, 105.7, 1.5);
(406287.5, 3758687.5, 104.7, 1.5);	(406337.5, 3759437.5, 154.9, 1.5);
(406337.5, 3759387.5, 152.2, 1.5);	(406337.5, 3759337.5, 144.9, 1.5);
(406337.5, 3759287.5, 138.0, 1.5);	(406337.5, 3759237.5, 133.0, 1.5);
(406337.5, 3759187.5, 128.9, 1.5);	(406337.5, 3759137.5, 125.7, 1.5);
(406337.5, 3759087.5, 122.0, 1.5);	(406337.5, 3759037.5, 120.0, 1.5);

Appendix B

PM 24 hour Emissions unmitigated

Table with 8 columns: X, Y, Z, U, V, W, X, Y. Contains two columns of data for various receptor locations.

*** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 42

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

Table with 8 columns: X, Y, Z, U, V, W, X, Y. Contains two columns of data for discrete Cartesian receptors.

*** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 43

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

Table with 8 columns: X, Y, Z, U, V, W, X, Y. Contains two columns of data for discrete Cartesian receptors.

Appendix B

PM 24 hour Emissions unmitigated

(406987.5, 3758737.5, 123.0, 1.5);	(406987.5, 3758687.5, 119.9, 1.5);
(406987.5, 3758637.5, 115.0, 1.5);	(407037.5, 3758687.5, 118.1, 1.5);
(407037.5, 3758637.5, 116.0, 1.5);	(407087.5, 3758637.5, 122.0, 1.5);
(407137.5, 3758637.5, 124.8, 1.5);	(407187.5, 3758637.5, 128.7, 1.5);
(407237.5, 3758637.5, 133.7, 1.5);	(407287.5, 3758637.5, 139.8, 1.5);
(407337.5, 3758637.5, 144.7, 1.5);	(407387.5, 3758637.5, 149.5, 1.5);
(407437.5, 3758637.5, 154.0, 1.5);	(407487.5, 3758637.5, 149.4, 1.5);
(407537.5, 3758637.5, 0.0, 1.5);	(407587.5, 3758637.5, 0.0, 1.5);
(407637.5, 3758637.5, 0.0, 1.5);	(407687.5, 3758637.5, 0.0, 1.5);
(407737.5, 3758637.5, 0.0, 1.5);	(407787.5, 3758637.5, 0.0, 1.5);
(407837.5, 3758637.5, 0.0, 1.5);	(407887.5, 3758637.5, 0.0, 1.5);
(407937.5, 3758637.5, 0.0, 1.5);	(407987.5, 3758637.5, 0.0, 1.5);
(408037.5, 3758637.5, 0.0, 1.5);	(408087.5, 3758637.5, 0.0, 1.5);
(405987.5, 3758637.5, 96.0, 1.5);	(405987.5, 3758587.5, 94.7, 1.5);
(406037.5, 3758637.5, 97.0, 1.5);	(406037.5, 3758587.5, 95.7, 1.5);
(406087.5, 3758637.5, 98.0, 1.5);	(406087.5, 3758587.5, 97.0, 1.5);
(406137.5, 3758637.5, 99.0, 1.5);	(406137.5, 3758587.5, 98.0, 1.5);
(406187.5, 3758637.5, 101.0, 1.5);	(406187.5, 3758587.5, 99.8, 1.5);
(406237.5, 3758637.5, 102.0, 1.5);	(406237.5, 3758587.5, 101.7, 1.5);
(406287.5, 3758637.5, 103.8, 1.5);	(406287.5, 3758587.5, 103.8, 1.5);
(406337.5, 3758637.5, 105.0, 1.5);	(406337.5, 3758587.5, 105.0, 1.5);
(406387.5, 3758637.5, 107.0, 1.5);	(406387.5, 3758587.5, 106.0, 1.5);
(406437.5, 3758637.5, 109.0, 1.5);	(406437.5, 3758587.5, 108.0, 1.5);
(406487.5, 3758637.5, 110.7, 1.5);	(406487.5, 3758587.5, 109.0, 1.5);
(406537.5, 3758637.5, 112.0, 1.5);	(406537.5, 3758587.5, 110.7, 1.5);
(406587.5, 3758587.5, 111.0, 1.5);	(406737.5, 3758587.5, 113.9, 1.5);
(406787.5, 3758587.5, 115.7, 1.5);	(406837.5, 3758587.5, 113.1, 1.5);
(406887.5, 3758587.5, 108.0, 1.5);	(406937.5, 3758587.5, 116.0, 1.5);
(406987.5, 3758587.5, 118.0, 1.5);	(407037.5, 3758587.5, 121.8, 1.5);
(407087.5, 3758587.5, 123.0, 1.5);	(407137.5, 3758587.5, 126.0, 1.5);
(407187.5, 3758587.5, 132.6, 1.5);	(407237.5, 3758587.5, 137.7, 1.5);
(407287.5, 3758587.5, 139.0, 1.5);	(407337.5, 3758587.5, 143.8, 1.5);
(407387.5, 3758587.5, 150.3, 1.5);	(407437.5, 3758587.5, 154.7, 1.5);
(407487.5, 3758587.5, 151.4, 1.5);	(407537.5, 3758587.5, 0.0, 1.5);
(407587.5, 3758587.5, 0.0, 1.5);	(407637.5, 3758587.5, 0.0, 1.5);
(407687.5, 3758587.5, 0.0, 1.5);	(407737.5, 3758587.5, 0.0, 1.5);
(407787.5, 3758587.5, 0.0, 1.5);	(407837.5, 3758587.5, 0.0, 1.5);
(407887.5, 3758587.5, 0.0, 1.5);	(407937.5, 3758587.5, 0.0, 1.5);
(407987.5, 3758587.5, 0.0, 1.5);	(408037.5, 3758587.5, 0.0, 1.5);
(408087.5, 3758587.5, 0.0, 1.5);	(408749.8, 3760427.5, 0.0, 0.0);
(408576.4, 3760430.5, 0.0, 0.0);	(408341.8, 3760655.3, 0.0, 0.0);
(408422.1, 3760726.5, 0.0, 0.0);	(408612.5, 3760597.3, 0.0, 0.0);

* *** ISCSST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

*** ANALYSIS PEAK DAY 24hr PM emissions

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11:29:13

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**MODELOPTs:

CONC URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZFLAG)

(METERS)

(408737.2, 3760284.3, 0.0, 0.0);	(407589.2, 3757492.8, 0.0, 0.0);
(406297.8, 3757662.0, 87.0, 0.0);	(406584.2, 3757389.8, 79.0, 0.0);
(407118.8, 3757983.5, 114.2, 0.0);	(406874.3, 3758349.8, 116.0, 0.0);
(406620.2, 3758321.0, 107.0, 0.0);	(406622.5, 3757771.8, 94.1, 0.0);
(406913.0, 3757488.0, 86.7, 0.0);	(406700.6, 3757538.3, 87.1, 0.0);
(407066.2, 3757290.8, 86.2, 0.0);	(407127.3, 3757406.5, 92.0, 0.0);
(408971.5, 3759219.3, 0.0, 0.0);	(408922.5, 3758958.8, 0.0, 0.0);
(408826.5, 3758876.0, 0.0, 0.0);	(409072.4, 3758868.3, 0.0, 0.0);
(408995.0, 3758728.5, 0.0, 0.0);	(408227.3, 3758224.5, 0.0, 0.0);
(408139.7, 3758492.5, 0.0, 0.0);	(408582.0, 3758154.3, 0.0, 0.0);
(408461.6, 3758025.8, 0.0, 0.0);	(407729.4, 3758130.8, 0.0, 0.0);
(407645.4, 3757976.3, 0.0, 0.0);	(407482.9, 3757723.5, 130.9, 0.0);
(405320.4, 3759820.0, 121.0, 0.0);	(405904.1, 3759261.5, 124.5, 0.0);
(405691.5, 3759433.3, 136.0, 0.0);	(405617.4, 3759631.3, 165.1, 0.0);
(405524.7, 3759523.8, 131.7, 0.0);	(405402.4, 3759491.8, 129.0, 0.0);
(405646.0, 3759323.0, 120.1, 0.0);	(405616.3, 3759173.5, 105.0, 0.0);
(405512.6, 3759095.0, 98.0, 0.0);	(405377.5, 3759043.0, 95.0, 0.0);
(405466.3, 3758975.8, 94.0, 0.0);	(405527.8, 3758925.3, 94.0, 0.0);
(406550.6, 3758915.0, 116.0, 0.0);	(406480.5, 3759093.0, 123.0, 0.0);
(406259.7, 3759222.5, 129.4, 0.0);	(406195.8, 3759106.8, 120.9, 0.0);
(406070.3, 3759025.3, 113.0, 0.0);	(405757.6, 3758923.0, 101.4, 0.0);
(405844.4, 3758855.3, 100.8, 0.0);	(406318.1, 3758856.0, 110.8, 0.0);
(406403.5, 3759010.5, 119.1, 0.0);	(406352.0, 3759038.5, 120.0, 0.0);
(406045.0, 3760461.3, 192.0, 0.0);	(407358.3, 3758534.5, 147.9, 0.0);

Appendix B

Table with 2 columns of data for 'PM 24 hour Emissions unmitigated'. Each row contains two sets of four values: (X1, Y1, Z1, W1) and (X2, Y2, Z2, W2). The values are numerical, often with decimal points, representing emission levels for various locations.

*** ICST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
**MODELOPTs: ** PAGE 45
CONC URBAN ELEV FLGPOL NOCALM

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

A grid of 10 rows and 30 columns of binary values (1s and 0s) representing meteorological data selection for processing across different days and categories.

METEOROLOGICAL DATA PROCESSED BETWEEN START DATE: 1981 1 1 0
AND END DATE: 1981 12 31 24

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

Table showing wind profile exponents for stability categories A through F across wind speed categories 1 through 6. Values are in scientific notation (e.g., .15000E+00).

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

Table showing vertical potential temperature gradients for stability categories A through E across wind speed categories 1 through 6. Values are in scientific notation (e.g., .00000E+00).

Appendix B

PM 24 hour Emissions unmitigated

F .35000E-01 .35000E-01 .35000E-01 .35000E-01 .35000E-01 .35000E-01
 *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
 **MODELOPTs: **
 CONC URBAN ELEV FLGPOL NOCALM PAGE 46

*** THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

FILE: c:\ISC\whittier.asc
 FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)
 SURFACE STATION NO.: 53114 UPPER AIR STATION NO.: 91919
 NAME: LOSANGELES NAME: LOSANGELES
 YEAR: 1981 YEAR: 1981

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING HEIGHT (M) RURAL	MIXING HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
81	01	01	01	179.8	1.00	282.6	7	387.2	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	02	169.9	0.00	282.6	7	397.3	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	03	85.0	1.00	283.1	7	407.3	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	04	256.0	1.00	283.7	7	417.4	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	05	174.0	1.00	281.5	7	427.5	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	06	117.0	1.00	281.5	7	437.5	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	07	184.5	1.00	280.4	7	447.6	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	08	134.6	1.00	282.0	6	71.6	202.6	0.0000	0.0	0.0000	0	0.00
81	01	01	09	96.5	1.00	286.5	5	146.0	255.1	0.0000	0.0	0.0000	0	0.00
81	01	01	10	324.1	1.00	290.4	4	220.4	307.7	0.0000	0.0	0.0000	0	0.00
81	01	01	11	314.1	1.34	294.3	3	294.8	360.3	0.0000	0.0	0.0000	0	0.00
81	01	01	12	305.6	1.79	295.4	3	369.2	412.9	0.0000	0.0	0.0000	0	0.00
81	01	01	13	289.7	1.79	297.6	3	443.6	465.4	0.0000	0.0	0.0000	0	0.00
81	01	01	14	259.2	1.34	295.9	2	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	01	01	15	359.8	1.34	294.8	2	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	01	01	16	8.2	1.79	293.1	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	01	01	17	357.6	1.34	290.4	4	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	01	01	18	52.6	1.00	288.1	5	518.0	468.1	0.0000	0.0	0.0000	0	0.00
81	01	01	19	358.0	1.00	287.6	6	518.0	425.6	0.0000	0.0	0.0000	0	0.00
81	01	01	20	33.2	1.00	287.0	7	518.0	383.1	0.0000	0.0	0.0000	0	0.00
81	01	01	21	178.6	1.00	285.9	7	518.0	340.6	0.0000	0.0	0.0000	0	0.00
81	01	01	22	137.0	1.00	285.9	7	518.0	298.0	0.0000	0.0	0.0000	0	0.00
81	01	01	23	90.7	1.00	285.4	7	518.0	255.5	0.0000	0.0	0.0000	0	0.00
81	01	01	24	134.7	1.00	284.8	7	518.0	213.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
 FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

*** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
 **MODELOPTs: **
 CONC URBAN ELEV FLGPOL NOCALM PAGE 47

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
409779.53	3759787.50	0.12439	(81071924)	409779.34	3759762.50	0.12409	(81071924)
409779.19	3759737.50	0.12440	(81090724)	409779.03	3759712.50	0.12516	(81090724)
409778.88	3759687.50	0.12561	(81090724)	409778.72	3759662.50	0.12579	(81090724)
409778.53	3759637.50	0.12573	(81090724)	409778.38	3759612.50	0.12548	(81090724)
409778.22	3759587.50	0.12508	(81090724)	409778.06	3759562.50	0.12457	(81090724)
409777.88	3759537.50	0.12399	(81090724)	409777.72	3759512.50	0.12335	(81090724)
409777.56	3759487.50	0.12269	(81090724)	409777.41	3759462.50	0.12201	(81090724)
409777.25	3759437.50	0.12132	(81090724)	409777.06	3759412.50	0.12062	(81090724)
409776.91	3759387.50	0.12223	(81041524)	409776.75	3759362.50	0.12454	(81041524)
409776.56	3759337.50	0.12646	(81041524)	409776.41	3759312.50	0.12796	(81041524)
409776.25	3759287.50	0.12903	(81041524)	409776.09	3759262.50	0.12964	(81041524)
409775.94	3759237.50	0.12979	(81041524)	409775.66	3759212.50	0.12945	(81041524)
409775.38	3759187.50	0.12864	(81041524)	409775.13	3759162.50	0.12734	(81041524)
409774.84	3759137.50	0.12558	(81041524)	409774.59	3759112.50	0.12336	(81041524)

Appendix B

PM 24 hour Emissions unmitigated

409774.31	3759087.50	0.12072	(81041524)	409774.03	3759062.50	0.11769	(81041524)
409773.78	3759037.50	0.11430	(81041524)	409765.25	3759020.25	0.11163	(81041524)
409740.25	3759020.50	0.11118	(81041524)	409715.25	3759021.00	0.11077	(81041524)
409690.25	3759021.25	0.11031	(81041524)	409665.25	3759021.50	0.10983	(81041524)
409640.25	3759021.75	0.10934	(81041524)	409615.25	3759022.25	0.10889	(81041524)
409590.25	3759022.50	0.10838	(81041524)	409565.25	3759022.75	0.10786	(81041524)
409540.25	3759023.25	0.10737	(81041524)	409515.28	3759024.25	0.10696	(81041524)
409490.28	3759025.25	0.10654	(81041524)	409465.31	3759026.50	0.10616	(81041524)
409440.34	3759027.00	0.10564	(81041524)	409415.34	3759027.75	0.10515	(81041524)
409390.34	3759027.75	0.10453	(81041524)	409365.34	3759028.50	0.10402	(81041524)
409340.34	3759029.00	0.10347	(81041524)	409315.38	3759029.50	0.10394	(81071424)
409290.38	3759030.00	0.10458	(81071424)	409265.38	3759030.50	0.10521	(81071424)
409240.38	3759031.00	0.10585	(81071424)	409215.38	3759031.50	0.10649	(81071424)
409190.38	3759032.00	0.10713	(81071424)	409165.41	3759032.50	0.10778	(81071424)
409140.41	3759033.00	0.10842	(81071424)	409115.41	3759033.50	0.10906	(81071424)
409090.41	3759034.00	0.10970	(81071424)	409065.41	3759034.50	0.11034	(81071424)
409040.41	3759035.00	0.11097	(81071424)	409015.44	3759035.50	0.11161	(81071424)
408990.44	3759036.25	0.11226	(81071424)	408965.44	3759036.75	0.11288	(81071424)
408940.44	3759037.25	0.11350	(81071424)	408915.44	3759037.75	0.11411	(81071424)
408890.47	3759038.25	0.11471	(81071424)	408865.47	3759038.75	0.11529	(81071424)
408840.47	3759039.25	0.11587	(81071424)	408815.47	3759039.75	0.11642	(81071424)
408790.47	3759040.25	0.11697	(81071424)	408765.47	3759040.75	0.11749	(81071424)
408740.50	3759041.25	0.11799	(81071424)	408715.50	3759041.75	0.11846	(81071424)
408690.50	3759042.25	0.11891	(81071424)	408665.50	3759042.75	0.11932	(81071424)
408640.50	3759043.25	0.11970	(81071424)	408615.50	3759044.00	0.12009	(81071424)
408590.53	3759044.50	0.12039	(81071424)	408581.91	3759028.75	0.11750	(81071424)

*** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
 **MODELOPTs: PAGE 48
 CONC URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1, 2, 3, 4

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **							
X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)
408581.59	3759004.00	0.11280	(81071424)	408581.28	3758979.00	0.10799	(81071424)
408580.97	3758954.00	0.10314	(81071424)	408580.66	3758929.00	0.10029	(81120224)
408580.31	3758904.00	0.10093	(81120224)	408580.00	3758879.00	0.10112	(81120224)
408579.69	3758854.00	0.10088	(81120224)	408579.38	3758829.00	0.10022	(81120224)
408579.06	3758804.00	0.09916	(81120224)	408578.75	3758779.00	0.09775	(81120224)
408578.44	3758754.00	0.09601	(81120224)	408578.13	3758729.00	0.09400	(81120224)
408567.84	3758707.50	0.09210	(81012024)	408550.69	3758689.50	0.09491	(81012024)
408533.56	3758671.25	0.09740	(81012024)	408513.78	3758658.50	0.09947	(81012024)
408488.78	3758658.75	0.10115	(81012024)	408463.78	3758659.25	0.10274	(81012024)
408438.78	3758659.75	0.10424	(81012024)	408413.78	3758660.25	0.10564	(81012024)
408388.78	3758660.50	0.10693	(81012024)	408363.78	3758661.00	0.10810	(81012024)
408338.81	3758661.50	0.10914	(81012024)	408313.81	3758662.00	0.11004	(81012024)
408288.81	3758662.50	0.11079	(81012024)	408263.81	3758662.75	0.11135	(81012024)
408238.81	3758663.25	0.11175	(81012024)	408213.81	3758663.75	0.11196	(81012024)
408188.81	3758664.25	0.11196	(81012024)	408163.81	3758664.50	0.11173	(81012024)
408138.84	3758665.00	0.11130	(81012024)	408113.84	3758665.50	0.11063	(81012024)
408088.84	3758666.00	0.11157	(81122024)	408063.84	3758666.25	0.11341	(81122024)
408038.84	3758666.75	0.11474	(81122024)	408013.84	3758667.25	0.11552	(81122024)
407988.84	3758667.75	0.11573	(81122024)	407963.84	3758668.25	0.12171	(81032224)
407938.84	3758668.50	0.12924	(81032224)	407913.88	3758669.00	0.13609	(81032224)
407888.88	3758669.50	0.14212	(81032224)	407863.88	3758670.00	0.14705	(81032224)
407838.88	3758670.25	0.15066	(81032224)	407813.88	3758670.75	0.15270	(81032224)
407788.88	3758671.25	0.15299	(81032224)	407763.88	3758671.75	0.15139	(81032224)
407738.88	3758672.25	0.14782	(81032224)	407713.91	3758672.50	0.14219	(81032224)
407688.91	3758673.00	0.13473	(81032224)	407663.91	3758673.50	0.12554	(81032224)
407638.91	3758674.00	0.12310	(81120724)	407613.91	3758674.25	0.13038	(81020724)
407588.91	3758674.75	0.13930	(81020724)	407563.91	3758675.25	0.14691	(81020724)
407538.91	3758675.75	0.15267	(81020724)	407513.94	3758676.25	0.15183	(81011724)
407488.91	3758676.75	0.65809	(81070324)	407463.97	3758678.00	0.75817	(81070324)
407439.00	3758679.25	0.82998	(81070324)	407414.03	3758680.75	0.81382	(81070324)
407389.06	3758682.00	0.75106	(81070324)	407364.09	3758683.25	0.63943	(81070324)
407339.13	3758684.75	0.50666	(81020624)	407314.16	3758686.00	0.54287	(81012624)
407289.19	3758687.25	0.62700	(81012624)	407264.22	3758688.75	0.68437	(81012624)
407239.28	3758690.00	0.73908	(81012624)	407214.31	3758691.25	0.77081	(81013024)
407189.34	3758692.75	0.69079	(81012924)	407164.38	3758694.00	0.56189	(81012924)
407139.41	3758695.25	0.43435	(81012924)	407114.44	3758696.50	0.40417	(81012624)

Appendix B

PM 24 hour Emissions unmitigated

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406174.41	3759759.50	1.45294	(81032424)	406174.69	3759784.50	1.31750	(81032424)
406174.97	3759809.50	1.07180	(81031224)	406175.22	3759834.50	0.99434	(81031224)
406175.50	3759859.50	0.88615	(81122924)	406152.34	3759859.50	0.73526	(81122924)
406127.34	3759859.00	0.68743	(81031224)	406102.34	3759858.25	0.74336	(81031224)
406077.38	3759857.50	1.03277	(81122624)	406052.38	3759856.75	1.27384	(81032424)
406041.31	3759871.00	1.24969	(81122624)	406041.56	3759896.00	1.23488	(81122624)
406041.84	3759921.00	1.42004	(81122624)	406042.09	3759946.00	1.70604	(81122624)
406042.38	3759971.00	1.58400	(81122524)	406067.34	3759972.50	1.60334	(81122524)
406092.34	3759973.50	1.54607	(81122524)	406117.31	3759974.25	1.44686	(81122524)
406142.31	3759975.00	1.51250	(81122624)	406167.31	3759975.75	1.12750	(81122624)
406187.16	3759980.75	1.16669	(81122624)	406187.44	3760005.75	1.16656	(81122624)
406187.69	3760030.75	1.16177	(81122624)	406187.97	3760055.75	1.16919	(81122624)
406188.25	3760080.75	1.41744	(81122524)	406188.50	3760105.75	1.66179	(81122524)
406188.78	3760130.75	1.57403	(81122624)	406189.06	3760155.75	1.36259	(81122824)
406189.31	3760180.75	1.55570	(81122524)	406189.59	3760205.75	1.82328	(81082124)
406189.88	3760230.75	2.05566	(81082124)	406190.13	3760255.50	2.03789	(81082124)
406198.22	3760273.75	2.01825	(81082124)	406223.22	3760274.50	2.36690	(81082124)
406248.19	3760275.25	2.43416	(81082124)	406270.56	3760282.00	2.44531	(81082124)
406289.75	3760298.25	2.45847	(81082124)	406308.91	3760314.25	2.47010	(81082124)
406328.09	3760330.25	2.18633	(81082124)	406347.25	3760346.25	2.16203	(81081124)
406366.44	3760362.25	2.16737	(81081124)	406385.59	3760378.50	2.19323	(81081124)
406404.78	3760394.50	1.96918	(81080924)	406423.94	3760410.50	1.95759	(81080924)
406438.56	3760430.50	1.94194	(81080924)	406453.13	3760451.00	1.87497	(81080924)
406464.50	3760468.50	1.76372	(81082824)	406439.66	3760465.75	1.79667	(81080924)
406414.84	3760462.75	1.76792	(81080924)	406390.31	3760458.25	1.69386	(81080924)
406365.97	3760452.75	1.68943	(81080924)	406354.47	3760461.75	1.67310	(81080924)
406362.25	3760484.25	1.66910	(81080924)	406383.81	3760497.00	1.72295	(81080924)
406405.22	3760509.75	1.73062	(81080924)	406422.63	3760527.50	1.67431	(81082824)
406440.06	3760545.50	1.63475	(81062324)	406459.63	3760554.25	1.56871	(81062324)
406482.22	3760543.50	1.83974	(81062324)	406504.78	3760532.75	1.85320	(81062324)
406527.34	3760522.00	1.88483	(81062324)	406549.91	3760511.25	1.65617	(81062324)
406572.50	3760500.50	1.68506	(81062324)	406596.63	3760494.75	1.72212	(81062324)
406621.09	3760489.75	1.76110	(81062324)	406645.00	3760486.75	1.96949	(81062324)
406667.09	3760498.50	1.94295	(81062324)	406684.06	3760513.00	1.66868	(81062324)
406685.72	3760538.00	1.62370	(81062324)	406687.41	3760563.00	1.58513	(81062324)
406689.06	3760587.75	1.53824	(81071124)	406690.72	3760612.75	1.51261	(81071124)

* *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 MODELOPTs: * ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
 CONC URBAN ELEV FLGPOL NOCALM PAGE 51

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Appendix B

PM 24 hour Emissions unmitigated

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Rows list various coordinates and concentrations for 24-hour PM emissions.

*** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 52

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1, 2, 3, 4

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Rows list discrete Cartesian receptor points with their respective coordinates and concentrations.

*** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 53

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1, 2, 3, 4

Appendix B

PM 24 hour Emissions unmitigated

406062.50 3758162.50 0.24030 (81082024) 406062.50 3758137.50 0.24676 (81082024)
 406087.50 3758512.50 0.23223 (81111024) 406087.50 3758487.50 0.22244 (81111024)
 • *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
 **MODELOPTs: PAGE 56
 CONC URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406087.50	3758462.50	0.21059	(81111024)	406087.50	3758437.50	0.19739	(81022724)
406087.50	3758412.50	0.18886	(81022724)	406087.50	3758387.50	0.18114	(81110224)
406087.50	3758362.50	0.18893	(81082024)	406087.50	3758337.50	0.19983	(81082024)
406087.50	3758312.50	0.21121	(81082024)	406087.50	3758287.50	0.22169	(81082024)
406087.50	3758262.50	0.22714	(81082024)	406087.50	3758237.50	0.23591	(81082024)
406087.50	3758212.50	0.24241	(81082024)	406087.50	3758187.50	0.24460	(81082024)
406087.50	3758162.50	0.25012	(81082024)	406087.50	3758137.50	0.25450	(81082024)
406112.50	3758512.50	0.22461	(81111024)	406112.50	3758487.50	0.21338	(81111024)
406112.50	3758462.50	0.19916	(81022724)	406112.50	3758437.50	0.19114	(81110224)
406112.50	3758412.50	0.18397	(81110224)	406112.50	3758387.50	0.18991	(81082024)
406112.50	3758362.50	0.20198	(81082024)	406112.50	3758337.50	0.21344	(81082024)
406112.50	3758312.50	0.22255	(81082024)	406112.50	3758287.50	0.23233	(81082024)
406112.50	3758262.50	0.24114	(81082024)	406112.50	3758237.50	0.24888	(81082024)
406112.50	3758212.50	0.25123	(81082024)	406112.50	3758187.50	0.25665	(81082024)
406112.50	3758162.50	0.25905	(81082024)	406112.50	3758137.50	0.26210	(81082024)
406137.50	3758512.50	0.21578	(81111024)	406137.50	3758487.50	0.20122	(81110224)
406137.50	3758462.50	0.19408	(81110224)	406137.50	3758437.50	0.18572	(81110224)
406137.50	3758412.50	0.19308	(81082024)	406137.50	3758387.50	0.20531	(81082024)
406137.50	3758362.50	0.21688	(81082024)	406137.50	3758337.50	0.22766	(81082024)
406137.50	3758312.50	0.23752	(81082024)	406137.50	3758287.50	0.24636	(81082024)
406137.50	3758262.50	0.25274	(81082024)	406137.50	3758237.50	0.25928	(81082024)
406137.50	3758212.50	0.26191	(81082024)	406137.50	3758187.50	0.26370	(81082024)
406137.50	3758162.50	0.26654	(81082024)	406137.50	3758137.50	0.26816	(81082024)
406162.50	3758512.50	0.20753	(81110224)	406162.50	3758487.50	0.19705	(81110224)
406162.50	3758462.50	0.18794	(81082024)	406162.50	3758437.50	0.19768	(81082024)
406162.50	3758412.50	0.21012	(81082024)	406162.50	3758387.50	0.22186	(81082024)
406162.50	3758362.50	0.22821	(81082024)	406162.50	3758337.50	0.23805	(81082024)
406162.50	3758312.50	0.24586	(81082024)	406162.50	3758287.50	0.25272	(81082024)
406162.50	3758262.50	0.25917	(81082024)	406162.50	3758237.50	0.26435	(81082024)
406162.50	3758212.50	0.26826	(81082024)	406162.50	3758187.50	0.27087	(81082024)
406162.50	3758162.50	0.27220	(81082024)	406162.50	3758137.50	0.27228	(81082024)
406187.50	3758512.50	0.19991	(81110224)	406187.50	3758487.50	0.19328	(81082024)
406187.50	3758462.50	0.20228	(81082024)	406187.50	3758437.50	0.21492	(81082024)
406187.50	3758412.50	0.22603	(81082024)	406187.50	3758387.50	0.23622	(81082024)
406187.50	3758362.50	0.24118	(81082024)	406187.50	3758337.50	0.24996	(81082024)
406187.50	3758312.50	0.25758	(81082024)	406187.50	3758287.50	0.26394	(81082024)
406187.50	3758262.50	0.26899	(81082024)	406187.50	3758237.50	0.27270	(81082024)
406187.50	3758212.50	0.27505	(81082024)	406187.50	3758187.50	0.27607	(81082024)
406187.50	3758162.50	0.27444	(81082024)	406187.50	3758137.50	0.26812	(81082024)
406212.50	3758512.50	0.19906	(81082024)	406212.50	3758487.50	0.20852	(81082024)

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
 **MODELOPTs: PAGE 57
 CONC URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406212.50	3758462.50	0.21948	(81082024)	406212.50	3758437.50	0.23150	(81082024)
406212.50	3758412.50	0.23787	(81082024)	406212.50	3758387.50	0.24595	(81082024)
406212.50	3758362.50	0.25663	(81082024)	406212.50	3758337.50	0.26232	(81082024)
406212.50	3758312.50	0.26859	(81082024)	406212.50	3758287.50	0.27349	(81082024)
406212.50	3758262.50	0.27698	(81082024)	406212.50	3758237.50	0.27906	(81082024)
406212.50	3758212.50	0.27973	(81082024)	406212.50	3758187.50	0.27905	(81082024)

Appendix B

PM 24 hour Emissions unmitigated

406412.50	3758262.50	0.22069	(81082024)	406412.50	3758237.50	0.20114	(81082024)	
406412.50	3758212.50	0.18808	(81082024)	406412.50	3758187.50	0.18205	(81121524)	
406412.50	3758162.50	0.18597	(81121524)	406412.50	3758137.50	0.18922	(81121524)	
406437.50	3758512.50	0.30423	(81082024)	406437.50	3758487.50	0.30156	(81082024)	
406437.50	3758462.50	0.29452	(81082024)	406437.50	3758437.50	0.28792	(81082024)	
406437.50	3758412.50	0.28234	(81082024)	406437.50	3758387.50	0.27322	(81082024)	
406437.50	3758362.50	0.25932	(81082024)	406437.50	3758337.50	0.24958	(81082024)	
406437.50	3758312.50	0.23306	(81082024)	406437.50	3758287.50	0.21689	(81082024)	
406437.50	3758262.50	0.19641	(81082024)	406437.50	3758237.50	0.17953	(81121524)	
406437.50	3758212.50	0.18284	(81121524)	406437.50	3758187.50	0.18645	(81121524)	
406437.50	3758162.50	0.18936	(81121524)	406437.50	3758137.50	0.19160	(81121524)	
406462.50	3758512.50	0.30198	(81082024)	406462.50	3758487.50	0.29121	(81082024)	
*** ISCS3 - VERSION 02035 ***				*** WHITTIER MATRIX OIL PROJECT ***				07/29/11
MODELOPTs:				* ANALYSIS PEAK DAY 24hr PM emissions ***				11:29:13
CONC	URBAN ELEV	FLGPOL	NOCALM					PAGE 59

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1, 2, 3, 4

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)		Y-COORD (M)		CONC		(YYMMDDHH)		
X-COORD (M)		Y-COORD (M)		CONC		(YYMMDDHH)		
406462.50	3758462.50	0.28698	(81082024)	406462.50	3758437.50	0.27511	(81082024)	
406462.50	3758412.50	0.26530	(81082024)	406462.50	3758387.50	0.25603	(81082024)	
406462.50	3758362.50	0.24327	(81082024)	406462.50	3758337.50	0.22836	(81082024)	
406462.50	3758312.50	0.21482	(81082024)	406462.50	3758287.50	0.19652	(81082024)	
406462.50	3758262.50	0.18555	(81121524)	406462.50	3758237.50	0.18297	(81121524)	
406462.50	3758212.50	0.18624	(81121524)	406462.50	3758187.50	0.19026	(81121524)	
406462.50	3758162.50	0.19386	(81121524)	406462.50	3758137.50	0.19790	(81121524)	
406487.50	3758512.50	0.29785	(81082024)	406487.50	3758487.50	0.28511	(81082024)	
406487.50	3758462.50	0.27062	(81082024)	406487.50	3758437.50	0.26208	(81082024)	
406487.50	3758412.50	0.24542	(81082024)	406487.50	3758387.50	0.23464	(81082024)	
406487.50	3758362.50	0.22300	(81082024)	406487.50	3758337.50	0.20561	(81082024)	
406487.50	3758312.50	0.20584	(81121524)	406487.50	3758287.50	0.20473	(81121524)	
406487.50	3758262.50	0.18525	(81121524)	406487.50	3758237.50	0.18529	(81121524)	
406487.50	3758212.50	0.19195	(81121524)	406487.50	3758187.50	0.19770	(81121524)	
406487.50	3758162.50	0.19939	(81121524)	406487.50	3758137.50	0.20318	(81121524)	
406512.50	3758512.50	0.28281	(81082024)	406512.50	3758487.50	0.26749	(81082024)	
406512.50	3758462.50	0.25111	(81082024)	406512.50	3758437.50	0.23430	(81082024)	
406512.50	3758412.50	0.22329	(81082024)	406512.50	3758387.50	0.21147	(81082024)	
406512.50	3758362.50	0.20285	(81121524)	406512.50	3758337.50	0.20590	(81121524)	
406512.50	3758312.50	0.20545	(81121524)	406512.50	3758287.50	0.19647	(81121524)	
406512.50	3758262.50	0.18353	(81121524)	406512.50	3758237.50	0.18833	(81121524)	
406512.50	3758212.50	0.20625	(81121524)	406512.50	3758187.50	0.20654	(81121524)	
406512.50	3758162.50	0.20584	(81121524)	406512.50	3758137.50	0.21210	(81111924)	
406537.50	3758512.50	0.26718	(81082024)	406537.50	3758487.50	0.24655	(81082024)	
406537.50	3758462.50	0.22905	(81082024)	406537.50	3758437.50	0.21157	(81082024)	
406537.50	3758412.50	0.20083	(81121524)	406537.50	3758387.50	0.20172	(81121524)	
406537.50	3758362.50	0.20274	(81121524)	406537.50	3758337.50	0.20286	(81121524)	
406537.50	3758312.50	0.20265	(81121524)	406537.50	3758287.50	0.20066	(81121524)	
406537.50	3758262.50	0.20284	(81121524)	406537.50	3758237.50	0.21790	(81121524)	
406537.50	3758212.50	0.21516	(81111924)	406537.50	3758187.50	0.21880	(81111924)	
406537.50	3758162.50	0.22310	(81111924)	406537.50	3758137.50	0.22792	(81111924)	
406562.50	3758512.50	0.24559	(81082024)	406562.50	3758487.50	0.22322	(81082024)	
406562.50	3758462.50	0.20434	(81082024)	406562.50	3758437.50	0.19992	(81121524)	
406562.50	3758412.50	0.19904	(81121524)	406562.50	3758387.50	0.19729	(81121524)	
406562.50	3758362.50	0.20047	(81121524)	406562.50	3758337.50	0.20270	(81121524)	
406562.50	3758312.50	0.20570	(81121524)	406562.50	3758287.50	0.20996	(81121524)	
406562.50	3758262.50	0.22099	(81111924)	406562.50	3758237.50	0.23023	(81111924)	
406562.50	3758212.50	0.23403	(81111924)	406562.50	3758187.50	0.23936	(81111924)	
406562.50	3758162.50	0.24211	(81111924)	406562.50	3758137.50	0.24607	(81111924)	
406587.50	3758512.50	0.22290	(81082024)	406587.50	3758487.50	0.20607	(81121524)	
*** ISCS3 - VERSION 02035 ***				*** WHITTIER MATRIX OIL PROJECT ***				07/29/11
MODELOPTs:				* ANALYSIS PEAK DAY 24hr PM emissions ***				11:29:13
CONC	URBAN ELEV	FLGPOL	NOCALM					PAGE 60

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1, 2, 3, 4

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Appendix B

PM 24 hour Emissions unmitigated

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 63
 CONC

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406962.50	3758462.50	0.58778	(81012624)	406962.50	3758437.50	0.58586	(81012624)
406962.50	3758412.50	0.60282	(81012624)	406962.50	3758387.50	0.59810	(81012624)
406962.50	3758362.50	0.55844	(81012624)	406962.50	3758337.50	0.53867	(81012624)
406962.50	3758312.50	0.54074	(81012624)	406962.50	3758287.50	0.56782	(81012624)
406962.50	3758262.50	0.61638	(81012624)	406962.50	3758237.50	0.62780	(81012624)
406962.50	3758212.50	0.62660	(81012624)	406962.50	3758187.50	0.62523	(81012624)
406962.50	3758162.50	0.59961	(81012624)	406962.50	3758137.50	0.56373	(81012624)
406987.50	3758512.50	0.63209	(81012624)	406987.50	3758487.50	0.63384	(81012624)
406987.50	3758462.50	0.61618	(81012624)	406987.50	3758437.50	0.61470	(81012624)
406987.50	3758412.50	0.60562	(81012624)	406987.50	3758387.50	0.58147	(81012624)
406987.50	3758362.50	0.53643	(81012624)	406987.50	3758337.50	0.52076	(81012624)
406987.50	3758312.50	0.52527	(81012624)	406987.50	3758287.50	0.56861	(81012624)
406987.50	3758262.50	0.61524	(81012624)	406987.50	3758237.50	0.61004	(81012624)
406987.50	3758212.50	0.60496	(81012624)	406987.50	3758187.50	0.58680	(81012624)
406987.50	3758162.50	0.54618	(81012624)	406987.50	3758137.50	0.50626	(81012624)
407012.50	3758512.50	0.63859	(81012624)	407012.50	3758487.50	0.63531	(81012624)
407012.50	3758462.50	0.63139	(81012624)	407012.50	3758437.50	0.61551	(81012624)
407012.50	3758412.50	0.59813	(81012624)	407012.50	3758387.50	0.57145	(81012624)
407012.50	3758362.50	0.54247	(81012624)	407012.50	3758337.50	0.54365	(81012624)
407012.50	3758312.50	0.53947	(81012624)	407012.50	3758287.50	0.57056	(81012624)
407012.50	3758262.50	0.58293	(81012624)	407012.50	3758237.50	0.56776	(81012624)
407012.50	3758212.50	0.55495	(81012624)	407012.50	3758187.50	0.52019	(81012624)
407012.50	3758162.50	0.47919	(81012624)	407012.50	3758137.50	0.47395	(81012624)
407037.50	3758512.50	0.61930	(81012624)	407037.50	3758487.50	0.62453	(81012624)
407037.50	3758462.50	0.61727	(81012624)	407037.50	3758437.50	0.60989	(81012624)
407037.50	3758412.50	0.59128	(81012624)	407037.50	3758387.50	0.56952	(81012624)
407037.50	3758362.50	0.56454	(81012624)	407037.50	3758337.50	0.57310	(81012624)
407037.50	3758312.50	0.56741	(81012624)	407037.50	3758287.50	0.56162	(81012624)
407037.50	3758262.50	0.54630	(81012624)	407037.50	3758237.50	0.53124	(81012624)
407037.50	3758212.50	0.52200	(81012624)	407037.50	3758187.50	0.52177	(81012624)
407037.50	3758162.50	0.51857	(81012624)	407037.50	3758137.50	0.51583	(81012624)
407062.50	3758512.50	0.59789	(81012624)	407062.50	3758487.50	0.61768	(81012624)
407062.50	3758462.50	0.61216	(81012624)	407062.50	3758437.50	0.60605	(81012624)
407062.50	3758412.50	0.58563	(81012624)	407062.50	3758387.50	0.56627	(81012624)
407062.50	3758362.50	0.56127	(81012624)	407062.50	3758337.50	0.56560	(81012624)
407062.50	3758312.50	0.56012	(81012624)	407062.50	3758287.50	0.54534	(81012624)
407062.50	3758262.50	0.53226	(81012624)	407062.50	3758237.50	0.52001	(81012624)
407062.50	3758212.50	0.52230	(81012624)	407062.50	3758187.50	0.52077	(81012624)
407062.50	3758162.50	0.51540	(81012624)	407062.50	3758137.50	0.51165	(81012624)
407087.50	3758512.50	0.61850	(81012624)	407087.50	3758487.50	0.62544	(81012624)

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 64
 CONC

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407087.50	3758462.50	0.63257	(81012624)	407087.50	3758437.50	0.61403	(81012624)
407087.50	3758412.50	0.59914	(81012624)	407087.50	3758387.50	0.58527	(81012624)
407087.50	3758362.50	0.58003	(81012624)	407087.50	3758337.50	0.57470	(81012624)
407087.50	3758312.50	0.56928	(81012624)	407087.50	3758287.50	0.56340	(81012624)
407087.50	3758262.50	0.54583	(81012624)	407087.50	3758237.50	0.52871	(81012624)
407087.50	3758212.50	0.52378	(81012624)	407087.50	3758187.50	0.52116	(81012624)
407087.50	3758162.50	0.51606	(81012624)	407087.50	3758137.50	0.51092	(81012624)
407112.50	3758512.50	0.63375	(81012624)	407112.50	3758487.50	0.65446	(81012624)

Appendix B

PM 24 hour Emissions unmitigated

407287.50	3758162.50	0.67414	(81013024)	407287.50	3758137.50	0.65009	(81013024)
407312.50	3758512.50	0.79300	(81012624)	407312.50	3758487.50	0.81952	(81012624)
407312.50	3758462.50	0.80217	(81012624)	407312.50	3758437.50	0.79512	(81012624)
407312.50	3758412.50	0.78449	(81012624)	407312.50	3758387.50	0.74326	(81012624)
407312.50	3758362.50	0.68446	(81012624)	407312.50	3758337.50	0.67958	(81012624)
407312.50	3758312.50	0.69302	(81012624)	407312.50	3758287.50	0.69238	(81012624)
407312.50	3758262.50	0.67372	(81012624)	407312.50	3758237.50	0.63030	(81012624)
407312.50	3758212.50	0.60708	(81012624)	407312.50	3758187.50	0.60754	(81012624)
407312.50	3758162.50	0.62226	(81012624)	407312.50	3758137.50	0.62421	(81012624)
407337.50	3758512.50	0.77080	(81012624)	407337.50	3758487.50	0.77052	(81012624)

*** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 66
 CONC

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407337.50	3758462.50	0.72878	(81012624)	407337.50	3758437.50	0.71442	(81012624)
407337.50	3758412.50	0.69861	(81012624)	407337.50	3758387.50	0.67873	(81012624)
407337.50	3758362.50	0.61546	(81012624)	407337.50	3758337.50	0.60580	(81012624)
407337.50	3758312.50	0.60053	(81012624)	407337.50	3758287.50	0.59227	(81012624)
407337.50	3758262.50	0.58018	(81012624)	407337.50	3758237.50	0.56559	(81012624)
407337.50	3758212.50	0.54974	(81012624)	407337.50	3758187.50	0.55035	(81012624)
407337.50	3758162.50	0.57678	(81012624)	407337.50	3758137.50	0.58374	(81012624)
407362.50	3758512.50	0.65539	(81012624)	407362.50	3758487.50	0.66010	(81012624)
407362.50	3758462.50	0.63037	(81012624)	407362.50	3758437.50	0.62100	(81012624)
407362.50	3758412.50	0.61218	(81012624)	407362.50	3758387.50	0.59873	(81012624)
407362.50	3758362.50	0.55840	(81012624)	407362.50	3758337.50	0.54092	(81012624)
407362.50	3758312.50	0.52014	(81012624)	407362.50	3758287.50	0.50744	(81012624)
407362.50	3758262.50	0.49832	(81012624)	407362.50	3758237.50	0.46710	(81012624)
407362.50	3758212.50	0.47122	(81012624)	407362.50	3758187.50	0.46812	(81012624)
407362.50	3758162.50	0.49322	(81012624)	407362.50	3758137.50	0.51479	(81012624)
407387.50	3758512.50	0.57301	(81012624)	407387.50	3758487.50	0.58090	(81012624)
407387.50	3758462.50	0.52400	(81012624)	407387.50	3758437.50	0.51143	(81012624)
407387.50	3758412.50	0.52078	(81012624)	407387.50	3758387.50	0.52118	(81012624)
407387.50	3758362.50	0.49727	(81012624)	407387.50	3758337.50	0.49265	(81012624)
407387.50	3758312.50	0.47095	(81012624)	407387.50	3758287.50	0.45164	(81012624)
407387.50	3758262.50	0.42869	(81012624)	407387.50	3758237.50	0.40679	(81012624)
407387.50	3758212.50	0.38570	(81012624)	407387.50	3758187.50	0.35633	(81012624)
407387.50	3758162.50	0.36338	(81012624)	407387.50	3758137.50	0.37694	(81012624)
407412.50	3758512.50	0.57945	(81070324)	407412.50	3758487.50	0.53740	(81070324)
407412.50	3758462.50	0.48022	(81020624)	407412.50	3758437.50	0.44915	(81072124)
407412.50	3758412.50	0.43894	(81072124)	407412.50	3758387.50	0.44065	(81012624)
407412.50	3758362.50	0.43510	(81012624)	407412.50	3758337.50	0.42933	(81012624)
407412.50	3758312.50	0.42927	(81012624)	407412.50	3758287.50	0.41201	(81012624)
407412.50	3758262.50	0.39713	(81012624)	407412.50	3758237.50	0.37347	(81012624)
407412.50	3758212.50	0.34998	(81012624)	407412.50	3758187.50	0.33095	(81012624)
407412.50	3758162.50	0.32772	(81012624)	407412.50	3758137.50	0.32404	(81012624)
407437.50	3758512.50	0.68972	(81070324)	407437.50	3758487.50	0.65197	(81070324)
407437.50	3758462.50	0.61226	(81070324)	407437.50	3758437.50	0.54285	(81070324)
407437.50	3758412.50	0.47652	(81070324)	407437.50	3758387.50	0.42912	(81070324)
407437.50	3758362.50	0.40725	(81072124)	407437.50	3758337.50	0.39896	(81072124)
407437.50	3758312.50	0.38851	(81072124)	407437.50	3758287.50	0.38295	(81012624)
407437.50	3758262.50	0.35829	(81012624)	407437.50	3758237.50	0.34446	(81012624)
407437.50	3758212.50	0.34214	(81012624)	407437.50	3758187.50	0.34503	(81012624)
407437.50	3758162.50	0.34214	(81012624)	407437.50	3758137.50	0.32764	(81012624)
407462.50	3758512.50	0.79162	(81070324)	407462.50	3758487.50	0.76978	(81070324)

*** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 67
 CONC

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Appendix B

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains 50 rows of coordinate and concentration data.

*** ICST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

*** 07/29/11

*** ANALYSIS PEAK DAY 24hr PM emissions

*** 11:29:13

**MODELOPTs:

URBAN ELEV FLGPOI

NOCALM

PAGE 68

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 INCLUDING SOURCE(S): 1, 2, 3, 4

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains 30 rows of coordinate and concentration data for discrete receptor points.

Appendix B

**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407837.50	3758462.50	0.11575	(81032224)	407837.50	3758437.50	0.10913	(81032224)
407837.50	3758412.50	0.10243	(81032224)	407837.50	3758387.50	0.09574	(81032224)
407837.50	3758362.50	0.09211	(81120724)	407837.50	3758337.50	0.09195	(81020724)
407837.50	3758312.50	0.09344	(81020724)	407837.50	3758287.50	0.09469	(81020724)
407837.50	3758262.50	0.09569	(81020724)	407837.50	3758237.50	0.09643	(81020724)
407837.50	3758212.50	0.09692	(81020724)	407837.50	3758187.50	0.09717	(81020724)
407837.50	3758162.50	0.09717	(81020724)	407837.50	3758137.50	0.09693	(81020724)
407862.50	3758512.50	0.13275	(81032224)	407862.50	3758487.50	0.12747	(81032224)
407862.50	3758462.50	0.12173	(81032224)	407862.50	3758437.50	0.11566	(81032224)
407862.50	3758412.50	0.10937	(81032224)	407862.50	3758387.50	0.10297	(81032224)
407862.50	3758362.50	0.09655	(81032224)	407862.50	3758337.50	0.09094	(81120724)
407862.50	3758312.50	0.08846	(81020724)	407862.50	3758287.50	0.09001	(81020724)
407862.50	3758262.50	0.09134	(81020724)	407862.50	3758237.50	0.09245	(81020724)
407862.50	3758212.50	0.09332	(81020724)	407862.50	3758187.50	0.09397	(81020724)
407862.50	3758162.50	0.09438	(81020724)	407862.50	3758137.50	0.09456	(81020724)
407887.50	3758512.50	0.13581	(81032224)	407887.50	3758487.50	0.13148	(81032224)
407887.50	3758462.50	0.12656	(81032224)	407887.50	3758437.50	0.12117	(81032224)
407887.50	3758412.50	0.11544	(81032224)	407887.50	3758387.50	0.10947	(81032224)
407887.50	3758362.50	0.10336	(81032224)	407887.50	3758337.50	0.09721	(81032224)
407887.50	3758312.50	0.09107	(81032224)	407887.50	3758287.50	0.08699	(81120724)
407887.50	3758262.50	0.08677	(81020724)	407887.50	3758237.50	0.08816	(81020724)
407887.50	3758212.50	0.08934	(81020724)	407887.50	3758187.50	0.09032	(81020724)
407887.50	3758162.50	0.09108	(81020724)	407887.50	3758137.50	0.09164	(81020724)
407912.50	3758512.50	0.13746	(81032224)	407912.50	3758487.50	0.13416	(81032224)
407912.50	3758462.50	0.13016	(81032224)	407912.50	3758437.50	0.12557	(81032224)
407912.50	3758412.50	0.12053	(81032224)	407912.50	3758387.50	0.11512	(81032224)
407912.50	3758362.50	0.10945	(81032224)	407912.50	3758337.50	0.10363	(81032224)
407912.50	3758312.50	0.09772	(81032224)	407912.50	3758287.50	0.09181	(81032224)
407912.50	3758262.50	0.08600	(81120724)	407912.50	3758237.50	0.08372	(81020724)
407912.50	3758212.50	0.08514	(81020724)	407912.50	3758187.50	0.08638	(81020724)
407912.50	3758162.50	0.08743	(81020724)	407912.50	3758137.50	0.08829	(81020724)
407937.50	3758512.50	0.13774	(81032224)	407937.50	3758487.50	0.13550	(81032224)
407937.50	3758462.50	0.13249	(81032224)	407937.50	3758437.50	0.12879	(81032224)
407937.50	3758412.50	0.12453	(81032224)	407937.50	3758387.50	0.11980	(81032224)
407937.50	3758362.50	0.11470	(81032224)	407937.50	3758337.50	0.10932	(81032224)
407937.50	3758312.50	0.10376	(81032224)	407937.50	3758287.50	0.09811	(81032224)
407937.50	3758262.50	0.09242	(81032224)	407937.50	3758237.50	0.08677	(81032224)
407937.50	3758212.50	0.08244	(81120724)	407937.50	3758187.50	0.08229	(81020724)
407937.50	3758162.50	0.08356	(81020724)	407937.50	3758137.50	0.08466	(81020724)
407962.50	3758512.50	0.13671	(81032224)	407962.50	3758487.50	0.13555	(81032224)

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
PAGE 71

**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407962.50	3758462.50	0.13355	(81032224)	407962.50	3758437.50	0.13081	(81032224)
407962.50	3758412.50	0.12740	(81032224)	407962.50	3758387.50	0.12344	(81032224)
407962.50	3758362.50	0.11900	(81032224)	407962.50	3758337.50	0.11419	(81032224)
407962.50	3758312.50	0.10909	(81032224)	407962.50	3758287.50	0.10379	(81032224)
407962.50	3758262.50	0.09838	(81032224)	407962.50	3758237.50	0.09291	(81032224)
407962.50	3758212.50	0.08745	(81032224)	407962.50	3758187.50	0.08228	(81121924)
407962.50	3758162.50	0.08035	(81121924)	407962.50	3758137.50	0.08088	(81020724)
407987.50	3758512.50	0.13448	(81032224)	407987.50	3758487.50	0.13437	(81032224)
407987.50	3758462.50	0.13340	(81032224)	407987.50	3758437.50	0.13163	(81032224)
407987.50	3758412.50	0.12913	(81032224)	407987.50	3758387.50	0.12599	(81032224)

Appendix B

PM 24 hour Emissions unmitigated

Table with 8 columns: ID, X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Rows list various emission points and their coordinates.

*** IS CST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13

**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 73

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Main data table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains multiple rows of receptor point data.

*** IS CST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13

**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 74

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table header for the second data section with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH).

Appendix B

PM 24 hour Emissions unmitigated

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407662.50	3758612.50	0.11794	(81020724)	407687.50	3758562.50	0.11390	(81020724)
407712.50	3758612.50	0.12221	(81032224)	407737.50	3758562.50	0.11451	(81032224)
407762.50	3758612.50	0.13715	(81032224)	407787.50	3758562.50	0.12964	(81032224)
407812.50	3758612.50	0.14541	(81032224)	407837.50	3758562.50	0.13906	(81032224)
407862.50	3758612.50	0.14669	(81032224)	407887.50	3758562.50	0.14224	(81032224)
407912.50	3758612.50	0.14170	(81032224)	407937.50	3758562.50	0.13952	(81032224)
407962.50	3758612.50	0.13181	(81032224)	407987.50	3758562.50	0.13192	(81032224)
408012.50	3758612.50	0.11868	(81032224)	408037.50	3758562.50	0.12080	(81032224)
408062.50	3758612.50	0.11700	(81122024)	408087.50	3758562.50	0.11745	(81122024)
408112.50	3758612.50	0.11513	(81122024)	405962.50	3758537.50	0.26485	(81111024)
405987.50	3758562.50	0.27082	(81111024)	406037.50	3758562.50	0.26617	(81111024)
406087.50	3758562.50	0.25369	(81111024)	406137.50	3758562.50	0.24151	(81111024)
406187.50	3758562.50	0.21993	(81110224)	406237.50	3758562.50	0.21387	(81110224)
406287.50	3758562.50	0.23688	(81082024)	406337.50	3758562.50	0.27015	(81082024)
406387.50	3758562.50	0.29098	(81082024)	406437.50	3758562.50	0.30967	(81082024)
406487.50	3758562.50	0.31119	(81082024)	406537.50	3758537.50	0.27984	(81082024)
406587.50	3758537.50	0.24068	(81082024)	406637.50	3758537.50	0.21312	(81041924)
406687.50	3758537.50	0.24377	(81111924)	406737.50	3758537.50	0.27547	(81111924)
406787.50	3758537.50	0.29614	(81111924)	406837.50	3758537.50	0.30633	(81111924)
406887.50	3758537.50	0.40161	(81012624)	406937.50	3758537.50	0.50973	(81012624)
406987.50	3758537.50	0.61433	(81012624)	407037.50	3758537.50	0.59846	(81012624)
407087.50	3758537.50	0.59676	(81012624)	407137.50	3758537.50	0.68480	(81012924)
407187.50	3758537.50	0.90955	(81012924)	407237.50	3758537.50	0.88041	(81013024)
407287.50	3758537.50	0.77772	(81012624)	407337.50	3758537.50	0.63164	(81012624)
407387.50	3758537.50	0.50893	(81020624)	407437.50	3758537.50	0.72573	(81070324)
407487.50	3758537.50	0.77869	(81070324)	407537.50	3758537.50	0.13382	(81020724)
407587.50	3758537.50	0.13447	(81020724)	407637.50	3758537.50	0.12771	(81020724)
407687.50	3758537.50	0.11557	(81020724)	407737.50	3758537.50	0.10823	(81120724)
407787.50	3758537.50	0.12269	(81032224)	407837.50	3758537.50	0.13397	(81032224)
407887.50	3758537.50	0.13944	(81032224)	407937.50	3758537.50	0.13911	(81032224)
407987.50	3758537.50	0.13368	(81032224)	408037.50	3758537.50	0.12431	(81032224)
408087.50	3758537.50	0.11690	(81122024)	405962.50	3759987.50	1.67412	(81122624)
405962.50	3759937.50	1.47688	(81122624)	405962.50	3759887.50	1.47265	(81032424)
405962.50	3759837.50	1.54931	(81032424)	405962.50	3759787.50	1.59108	(81032424)
405962.50	3759737.50	1.79069	(81032424)	405962.50	3759687.50	1.67851	(81032424)
405962.50	3759637.50	1.70850	(81022824)	405962.50	3759587.50	1.77021	(81022824)
405962.50	3759537.50	1.89211	(81022824)	405962.50	3759487.50	1.75417	(81022824)
405962.50	3759437.50	1.48828	(81022824)	405962.50	3759387.50	1.01954	(81022824)
405962.50	3759337.50	0.66512	(81022824)	405962.50	3759287.50	0.44208	(81022824)
405962.50	3759237.50	0.34587	(81031024)	405962.50	3759187.50	0.30972	(81031024)

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK DAY 24hr PM emissions

*** 07/29/11
 *** 11:29:13
 *** PAGE 78

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
405962.50	3759137.50	0.31257	(81112024)	405962.50	3759087.50	0.33325	(81112024)
405962.50	3759037.50	0.32948	(81112024)	405962.50	3758987.50	0.32876	(81112024)
405962.50	3758937.50	0.31455	(81112824)	405962.50	3758887.50	0.30308	(81112824)
405962.50	3758837.50	0.27672	(81112824)	405962.50	3758787.50	0.25143	(81121124)
405962.50	3758737.50	0.26211	(81121124)	405962.50	3758687.50	0.26469	(81121124)
405962.50	3758637.50	0.26165	(81111024)	406012.50	3759987.50	1.55238	(81122524)
406012.50	3759937.50	1.70835	(81122624)	406012.50	3759887.50	1.46638	(81122624)
406012.50	3759837.50	1.66378	(81032424)	406012.50	3759787.50	1.62560	(81032424)
406012.50	3759737.50	1.88671	(81032424)	406012.50	3759687.50	1.75979	(81032424)
406012.50	3759637.50	2.14107	(81022824)	406012.50	3759587.50	1.93530	(81022824)
406012.50	3759537.50	1.99515	(81022824)	406012.50	3759487.50	1.79747	(81022824)
406012.50	3759437.50	1.30587	(81022824)	406012.50	3759387.50	0.97135	(81022824)

Appendix B

PM 24 hour Emissions unmitigated

• *** ISCS T3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 79

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER				IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406112.50	3759137.50	0.38659	(81112024)	406112.50	3759087.50	0.38847	(81112024)
406112.50	3759037.50	0.39006	(81112824)	406112.50	3758987.50	0.37358	(81112824)
406112.50	3758937.50	0.33086	(81112824)	406112.50	3758887.50	0.29281	(81121124)
406112.50	3758837.50	0.30640	(81121124)	406112.50	3758787.50	0.30398	(81121124)
406112.50	3758737.50	0.29628	(81111024)	406112.50	3758687.50	0.29448	(81111024)
406112.50	3758637.50	0.27776	(81111024)	406162.50	3759987.50	1.17336	(81122624)
406162.50	3759837.50	0.83804	(81031224)	406162.50	3759787.50	0.91955	(81031224)
406162.50	3759437.50	0.98256	(81022824)	406162.50	3759387.50	0.80329	(81022824)
406162.50	3759337.50	0.62909	(81022824)	406162.50	3759287.50	0.46886	(81022824)
406162.50	3759237.50	0.39423	(81030524)	406162.50	3759187.50	0.39744	(81112024)
406162.50	3759137.50	0.41280	(81112024)	406162.50	3759087.50	0.42382	(81112824)
406162.50	3759037.50	0.41185	(81112824)	406162.50	3758987.50	0.37765	(81112824)
406162.50	3758937.50	0.32054	(81112824)	406162.50	3758887.50	0.32186	(81121124)
406162.50	3758837.50	0.32530	(81121124)	406162.50	3758787.50	0.31473	(81111024)
406162.50	3758737.50	0.29589	(81111024)	406162.50	3758687.50	0.28743	(81111024)
406162.50	3758637.50	0.26431	(81111024)	406212.50	3759437.50	1.36417	(81022824)
406212.50	3759387.50	0.92346	(81022824)	406212.50	3759337.50	0.66203	(81022824)
406212.50	3759287.50	0.50225	(81031024)	406212.50	3759237.50	0.41471	(81030524)
406212.50	3759187.50	0.42768	(81112824)	406212.50	3759137.50	0.45701	(81112824)
406212.50	3759087.50	0.45607	(81112824)	406212.50	3759037.50	0.42067	(81112824)
406212.50	3758987.50	0.36317	(81112824)	406212.50	3758937.50	0.33779	(81121124)
406212.50	3758887.50	0.33891	(81121124)	406212.50	3758837.50	0.33130	(81111024)
406212.50	3758787.50	0.31682	(81111024)	406212.50	3758737.50	0.28747	(81111024)
406212.50	3758687.50	0.27274	(81111024)	406212.50	3758637.50	0.25281	(81111024)
406262.50	3759437.50	1.35506	(81022824)	406262.50	3759387.50	0.94221	(81022824)
406262.50	3759337.50	0.65407	(81022824)	406262.50	3759287.50	0.51488	(81022824)
406262.50	3759237.50	0.46510	(81112024)	406262.50	3759187.50	0.48242	(81112824)
406262.50	3759137.50	0.49468	(81112824)	406262.50	3759087.50	0.47027	(81112824)
406262.50	3759037.50	0.40987	(81112824)	406262.50	3758987.50	0.33293	(81121124)
406262.50	3758937.50	0.35099	(81121124)	406262.50	3758887.50	0.34350	(81111024)
406262.50	3758837.50	0.32591	(81111024)	406262.50	3758787.50	0.30573	(81111024)
406262.50	3758737.50	0.27155	(81110224)	406262.50	3758687.50	0.25618	(81110224)
406262.50	3758637.50	0.23617	(81110224)	406312.50	3759437.50	1.38817	(81022824)
406312.50	3759387.50	1.08036	(81022824)	406312.50	3759337.50	0.71559	(81022824)

Appendix B

PM 24 hour Emissions unmitigated

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains 24 rows of emission data for various coordinates.

*** ISCS T3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 80

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Main data table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains 100 rows of discrete receptor point data.

*** ISCS T3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 81

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Summary table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains 2 rows of summary data.

Appendix B

PM 24 hour Emissions unmitigated

406612.50	3758787.50	0.32549	(81082024)	406612.50	3758737.50	0.33093	(81082024)
406612.50	3758687.50	0.32397	(81082024)	406612.50	3758637.50	0.28471	(81082024)
406612.50	3758587.50	0.24863	(81082024)	406662.50	3759187.50	0.55106	(81031024)
406662.50	3759137.50	0.47299	(81112024)	406662.50	3759087.50	0.39216	(81112024)
406662.50	3759037.50	0.40278	(81122424)	406662.50	3758987.50	0.39456	(81122424)
406662.50	3758937.50	0.38134	(81110224)	406662.50	3758887.50	0.33738	(81110224)
406662.50	3758837.50	0.34166	(81082024)	406662.50	3758787.50	0.32454	(81082024)
406662.50	3758737.50	0.30769	(81082024)	406712.50	3759137.50	0.47539	(81112024)
406712.50	3759087.50	0.47180	(81122424)	406712.50	3759037.50	0.49274	(81122424)
406712.50	3758987.50	0.45136	(81110224)	406712.50	3758937.50	0.40288	(81110224)
406712.50	3758887.50	0.32393	(81082024)	406712.50	3758587.50	0.26789	(81111924)
406762.50	3759037.50	0.60843	(81110224)	406762.50	3758987.50	0.46743	(81110224)
406762.50	3758937.50	0.34080	(81110124)	406762.50	3758687.50	0.29439	(81111924)
406762.50	3758637.50	0.30248	(81111924)	406762.50	3758587.50	0.30058	(81111924)
406812.50	3758987.50	0.46461	(81111924)	406812.50	3758687.50	0.35259	(81111924)
406812.50	3758637.50	0.33511	(81111924)	406812.50	3758587.50	0.33411	(81111924)
406862.50	3758737.50	0.38918	(81111924)	406862.50	3758687.50	0.38331	(81111924)
406862.50	3758637.50	0.35369	(81111924)	406862.50	3758587.50	0.28872	(81111924)
406912.50	3758787.50	0.43652	(81111924)	406912.50	3758737.50	0.40162	(81012624)
406912.50	3758687.50	0.41090	(81012624)	406912.50	3758637.50	0.40921	(81012624)
406912.50	3758587.50	0.43079	(81012624)	406962.50	3758737.50	0.52608	(81012624)
406962.50	3758687.50	0.51418	(81012624)	406962.50	3758637.50	0.46214	(81012624)
406962.50	3758587.50	0.52484	(81012624)	407012.50	3758687.50	0.54489	(81012624)
407012.50	3758637.50	0.49175	(81012624)	407012.50	3758587.50	0.57266	(81012624)
407062.50	3758687.50	0.48319	(81012624)	407062.50	3758637.50	0.51647	(81012624)
407062.50	3758587.50	0.57665	(81012624)	407112.50	3758637.50	0.56191	(81012624)
407112.50	3758587.50	0.59245	(81012624)	407162.50	3758637.50	0.67876	(81012924)
407162.50	3758587.50	0.67937	(81012924)	407212.50	3758637.50	0.74174	(81013024)
407212.50	3758587.50	0.84163	(81013024)	407262.50	3758637.50	0.71227	(81012624)
407262.50	3758587.50	0.74716	(81012624)	407312.50	3758637.50	0.60046	(81012624)
407312.50	3758587.50	0.61768	(81012624)	407362.50	3758637.50	0.53873	(81070324)
407362.50	3758587.50	0.49643	(81072124)	407412.50	3758637.50	0.77713	(81070324)
407412.50	3758587.50	0.73202	(81070324)	407462.50	3758637.50	0.76284	(81070324)
407462.50	3758587.50	0.80244	(81070324)	407512.50	3758637.50	0.51402	(81070324)
407512.50	3758587.50	0.57577	(81070324)	407562.50	3758637.50	0.14559	(81020724)
407562.50	3758587.50	0.14127	(81020724)	407612.50	3758637.50	0.13291	(81020724)
407612.50	3758587.50	0.13353	(81020724)	407662.50	3758637.50	0.11850	(81120724)
407662.50	3758587.50	0.11984	(81020724)	407712.50	3758637.50	0.13060	(81032224)

* *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK DAY 24hr PM emissions

*** 07/29/11
*** 11:29:13
*** PAGE 82

**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407712.50	3758587.50	0.11407	(81120724)	407762.50	3758637.50	0.14362	(81032224)
407762.50	3758587.50	0.13012	(81032224)	407812.50	3758637.50	0.14928	(81032224)
407812.50	3758587.50	0.14064	(81032224)	407862.50	3758637.50	0.14773	(81032224)
407862.50	3758587.50	0.14455	(81032224)	407912.50	3758637.50	0.14010	(81032224)
407912.50	3758587.50	0.14217	(81032224)	407962.50	3758637.50	0.12807	(81032224)
407962.50	3758587.50	0.13454	(81032224)	408012.50	3758637.50	0.11659	(81122024)
408012.50	3758587.50	0.12312	(81032224)	408062.50	3758637.50	0.11584	(81122024)
408062.50	3758587.50	0.11736	(81122024)	408112.50	3758637.50	0.11288	(81122024)
408112.50	3758587.50	0.11662	(81122024)	405987.50	3758537.50	0.26443	(81111024)
406012.50	3758537.50	0.26433	(81111024)	406037.50	3758537.50	0.26072	(81111024)
406062.50	3758537.50	0.25196	(81111024)	406087.50	3758537.50	0.24692	(81111024)
406112.50	3758537.50	0.23585	(81111024)	406137.50	3758537.50	0.22661	(81111024)
406162.50	3758537.50	0.21772	(81111024)	406187.50	3758537.50	0.21154	(81110224)
406212.50	3758537.50	0.20830	(81110224)	406237.50	3758537.50	0.20857	(81082024)
406262.50	3758537.50	0.22930	(81082024)	406287.50	3758537.50	0.24781	(81082024)
406312.50	3758537.50	0.26549	(81082024)	406337.50	3758537.50	0.27971	(81082024)
406362.50	3758537.50	0.28743	(81082024)	406387.50	3758537.50	0.29747	(81082024)
406412.50	3758537.50	0.30030	(81082024)	406437.50	3758537.50	0.30733	(81082024)
406462.50	3758537.50	0.31079	(81082024)	406487.50	3758537.50	0.30148	(81082024)
406512.50	3758537.50	0.29715	(81082024)	406562.50	3758537.50	0.25906	(81082024)
406612.50	3758537.50	0.21595	(81121524)	406662.50	3758537.50	0.22193	(81041924)
406712.50	3758537.50	0.26060	(81111924)	406762.50	3758537.50	0.28102	(81111924)
406812.50	3758537.50	0.30036	(81111924)	406862.50	3758537.50	0.32449	(81012624)
406912.50	3758537.50	0.46133	(81012624)	406962.50	3758537.50	0.57179	(81012624)

Appendix B

PM 24 hour Emissions unmitigated

Table with 4 columns: X-COORD (M), Y-COORD (M), CONC, and (YYMMDDHH). It lists 24-hour PM emissions for various locations. Includes metadata: *** ISCS T3 - VERSION 02035 *** WHITTIER MATRIX OIL PROJECT ANALYSIS PEAK DAY 24hr PM emissions. Date: 07/29/11 11:29:13. Page: 83.

**MODELOPTs: CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 INCLUDING SOURCE(S): 1, 2, 3, 4

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Main data table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It lists discrete Cartesian receptor points with their respective coordinates and concentrations.

*** ISCS T3 - VERSION 02035 *** WHITTIER MATRIX OIL PROJECT ANALYSIS PEAK DAY 24hr PM emissions. Date: 07/29/11 11:29:13. Page: 84.

**MODELOPTs: CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1

Appendix B

INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

PM 24 hour Emissions unmitigated

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406087.50	3758662.50	0.28500	(81111024)	406137.50	3760012.50	1.52298	(81122524)
406137.50	3759812.50	0.74380	(81031224)	406137.50	3759762.50	0.87981	(81032424)
406137.50	3759712.50	1.11348	(81032424)	406137.50	3759662.50	1.15461	(81022824)
406137.50	3759612.50	1.30775	(81022824)	406137.50	3759562.50	1.34645	(81022824)
406137.50	3759512.50	1.11039	(81022824)	406137.50	3759462.50	0.92626	(81022824)
406137.50	3759412.50	0.80298	(81022824)	406137.50	3759362.50	0.65038	(81022824)
406137.50	3759312.50	0.52319	(81022824)	406137.50	3759262.50	0.40418	(81031024)
406137.50	3759212.50	0.36972	(81030524)	406137.50	3759162.50	0.39655	(81112024)
406137.50	3759112.50	0.40177	(81112024)	406137.50	3759062.50	0.40548	(81112824)
406137.50	3759012.50	0.39456	(81112824)	406137.50	3758962.50	0.35453	(81112824)
406137.50	3758912.50	0.30187	(81112824)	406137.50	3758862.50	0.31311	(81121124)
406137.50	3758812.50	0.31071	(81121124)	406137.50	3758762.50	0.30747	(81111024)
406137.50	3758712.50	0.29559	(81111024)	406137.50	3758662.50	0.28162	(81111024)
406187.50	3759412.50	1.05190	(81022824)	406187.50	3759362.50	0.74136	(81022824)
406187.50	3759312.50	0.57825	(81022824)	406187.50	3759262.50	0.43737	(81031024)
406187.50	3759212.50	0.40505	(81112024)	406187.50	3759162.50	0.42175	(81112024)
406187.50	3759112.50	0.44030	(81112824)	406187.50	3759062.50	0.43182	(81112824)
406187.50	3759012.50	0.39766	(81112824)	406187.50	3758962.50	0.34525	(81112824)
406187.50	3758912.50	0.32588	(81121124)	406187.50	3758862.50	0.33221	(81121124)
406187.50	3758812.50	0.32671	(81111024)	406187.50	3758762.50	0.30619	(81111024)
406187.50	3758712.50	0.28684	(81111024)	406187.50	3758662.50	0.27182	(81111024)
406237.50	3759412.50	1.10139	(81022824)	406237.50	3759362.50	0.77126	(81022824)
406237.50	3759312.50	0.57937	(81022824)	406237.50	3759262.50	0.46797	(81031024)
406237.50	3759212.50	0.43573	(81112024)	406237.50	3759162.50	0.46759	(81112824)
406237.50	3759112.50	0.47912	(81112824)	406237.50	3759062.50	0.44386	(81112824)
406237.50	3759012.50	0.38210	(81112824)	406237.50	3758962.50	0.33641	(81121124)
406237.50	3758912.50	0.34523	(81121124)	406237.50	3758862.50	0.34154	(81111024)
406237.50	3758812.50	0.32278	(81111024)	406237.50	3758762.50	0.29152	(81111024)
406237.50	3758712.50	0.27238	(81111024)	406237.50	3758662.50	0.25281	(81111024)
406287.50	3759412.50	1.22135	(81022824)	406287.50	3759362.50	0.80229	(81022824)
406287.50	3759312.50	0.59881	(81022824)	406287.50	3759262.50	0.48290	(81112024)
406287.50	3759212.50	0.49420	(81112824)	406287.50	3759162.50	0.51565	(81112824)
406287.50	3759112.50	0.49174	(81112824)	406287.50	3759062.50	0.43315	(81112824)
406287.50	3759012.50	0.35240	(81112824)	406287.50	3758962.50	0.35155	(81121124)
406287.50	3758912.50	0.35132	(81111024)	406287.50	3758862.50	0.32885	(81111024)
406287.50	3758812.50	0.29932	(81111024)	406287.50	3758762.50	0.27857	(81110224)
406287.50	3758712.50	0.25954	(81110224)	406287.50	3758662.50	0.23957	(81110224)
406337.50	3759412.50	1.19464	(81022824)	406337.50	3759362.50	0.84592	(81022824)
406337.50	3759312.50	0.63867	(81022824)	406337.50	3759262.50	0.51699	(81112824)
406337.50	3759212.50	0.55149	(81112824)	406337.50	3759162.50	0.55565	(81112824)

• *** ISCS73 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

*** 07/29/11

*** ANALYSIS PEAK DAY 24hr PM emissions

*** 11:29:13

**MODELOPTs:

*** PAGE 85

CONC

URBAN ELEV FLGPOL

NOCALM

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406337.50	3759112.50	0.48869	(81112824)	406337.50	3759062.50	0.39991	(81112824)
406337.50	3759012.50	0.35199	(81121124)	406337.50	3758962.50	0.35534	(81111024)
406337.50	3758912.50	0.33205	(81111024)	406337.50	3758862.50	0.30054	(81121124)
406337.50	3758812.50	0.28877	(81110224)	406337.50	3758762.50	0.26568	(81110224)
406337.50	3758712.50	0.24623	(81110224)	406337.50	3758662.50	0.23067	(81110224)
406387.50	3759362.50	0.74574	(81022824)	406387.50	3759312.50	0.63126	(81022824)
406387.50	3759262.50	0.56411	(81112824)	406387.50	3759212.50	0.60665	(81112824)
406387.50	3759162.50	0.56469	(81112824)	406387.50	3759112.50	0.46769	(81112824)
406387.50	3759062.50	0.36091	(81112824)	406387.50	3759012.50	0.37947	(81111024)
406387.50	3758962.50	0.35436	(81111024)	406387.50	3758912.50	0.31227	(81121124)
406387.50	3758862.50	0.27675	(81110224)	406387.50	3758812.50	0.26124	(81110224)
406387.50	3758762.50	0.25229	(81110224)	406387.50	3758712.50	0.23977	(81110224)
406387.50	3758662.50	0.25812	(81082024)	406437.50	3759312.50	0.63717	(81022824)
406437.50	3759262.50	0.62927	(81112824)	406437.50	3759212.50	0.64255	(81112824)

Appendix B

PM 24 hour Emissions unmitigated

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Rows 1-4.

*** ISCS T3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

07/29/11

*** ANALYSIS PEAK DAY 24hr PM emissions

11:29:13

**MODELOPTs:

CONC

URBAN ELEV FLGPOL

NOCALM

PAGE 87

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Main table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Rows 5-48.

*** ISCS T3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

07/29/11

*** ANALYSIS PEAK DAY 24hr PM emissions

11:29:13

**MODELOPTs:

CONC

URBAN ELEV FLGPOL

NOCALM

PAGE 88

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Main table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Rows 49-52.

Appendix B

PM 24 hour Emissions unmitigated

406387.50	3759287.50	0.54958	(81022824)	406387.50	3759237.50	0.59237	(81112824)
406387.50	3759187.50	0.59945	(81112824)	406387.50	3759137.50	0.52155	(81112824)
406387.50	3759087.50	0.41077	(81112824)	406387.50	3759037.50	0.36835	(81111024)
406387.50	3758987.50	0.37342	(81111024)	406387.50	3758937.50	0.33012	(81121124)
406387.50	3758887.50	0.28875	(81110224)	406387.50	3758837.50	0.27249	(81110224)
406387.50	3758787.50	0.25749	(81110224)	406387.50	3758737.50	0.24622	(81110224)
406387.50	3758687.50	0.24431	(81082024)	406437.50	3759337.50	0.70033	(81022824)
406437.50	3759287.50	0.59229	(81112824)	406437.50	3759237.50	0.65289	(81112824)
406437.50	3759187.50	0.60719	(81112824)	406437.50	3759137.50	0.48194	(81112824)
406437.50	3759087.50	0.36908	(81111024)	406437.50	3759037.50	0.38046	(81111024)
406437.50	3758987.50	0.34718	(81111024)	406437.50	3758937.50	0.32206	(81110224)
406437.50	3758887.50	0.28159	(81110224)	406437.50	3758837.50	0.25343	(81122424)
406437.50	3758787.50	0.25142	(81122424)	406437.50	3758737.50	0.24224	(81082024)
406437.50	3758687.50	0.28152	(81082024)	406487.50	3759287.50	0.66215	(81112824)

*** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 90
 CONC

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **							
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406487.50	3759237.50	0.68186	(81112824)	406487.50	3759187.50	0.56676	(81112824)
406487.50	3759137.50	0.42155	(81112824)	406487.50	3759087.50	0.39360	(81111024)
406487.50	3759037.50	0.36482	(81111024)	406487.50	3758987.50	0.32972	(81110224)
406487.50	3758937.50	0.31591	(81110224)	406487.50	3758887.50	0.28362	(81122424)
406487.50	3758837.50	0.27228	(81122424)	406487.50	3758787.50	0.25612	(81122424)
406487.50	3758737.50	0.28596	(81082024)	406487.50	3758687.50	0.30754	(81082024)
406537.50	3759237.50	0.67563	(81112824)	406537.50	3759187.50	0.51828	(81112824)
406537.50	3759137.50	0.41189	(81111024)	406537.50	3759087.50	0.40596	(81111024)
406537.50	3759037.50	0.33639	(81112024)	406537.50	3758987.50	0.31453	(81110224)
406537.50	3758937.50	0.30662	(81122424)	406537.50	3758887.50	0.29952	(81122424)
406537.50	3758837.50	0.28633	(81122424)	406537.50	3758787.50	0.30757	(81082024)
406537.50	3758737.50	0.31915	(81082024)	406537.50	3758687.50	0.32672	(81082024)
406587.50	3759237.50	0.66968	(81112824)	406587.50	3759187.50	0.47059	(81112824)
406587.50	3759137.50	0.44903	(81111024)	406587.50	3759087.50	0.39236	(81112024)
406587.50	3759037.50	0.33260	(81110224)	406587.50	3758987.50	0.33933	(81122424)
406587.50	3758937.50	0.33630	(81122424)	406587.50	3758887.50	0.30923	(81122424)
406587.50	3758837.50	0.31730	(81082024)	406587.50	3758787.50	0.32792	(81082024)
406587.50	3758737.50	0.32654	(81082024)	406587.50	3758687.50	0.32627	(81082024)
406587.50	3758637.50	0.30352	(81082024)	406637.50	3759187.50	0.52291	(81031024)
406637.50	3759137.50	0.46026	(81112024)	406637.50	3759087.50	0.41421	(81112024)
406637.50	3759037.50	0.35488	(81122424)	406637.50	3758987.50	0.37151	(81122424)
406637.50	3758937.50	0.35129	(81110224)	406637.50	3758887.50	0.34625	(81110224)
406637.50	3758837.50	0.33529	(81082024)	406637.50	3758787.50	0.33199	(81082024)
406637.50	3758737.50	0.32119	(81082024)	406637.50	3758687.50	0.30666	(81082024)
406687.50	3759137.50	0.47645	(81112024)	406687.50	3759087.50	0.39848	(81112824)
406687.50	3759037.50	0.43697	(81122424)	406687.50	3758987.50	0.41027	(81110224)
406687.50	3758937.50	0.40138	(81110224)	406687.50	3758887.50	0.33384	(81082024)
406687.50	3758837.50	0.33571	(81082024)	406687.50	3758737.50	0.29014	(81082024)
406737.50	3759137.50	0.51461	(81112024)	406737.50	3759037.50	0.54260	(81110224)
406737.50	3758987.50	0.47447	(81110224)	406737.50	3758937.50	0.35989	(81110224)
406737.50	3758637.50	0.28765	(81111924)	406787.50	3759037.50	0.66167	(81110224)
406787.50	3758987.50	0.42291	(81110224)	406787.50	3758937.50	0.35649	(81111924)
406787.50	3758687.50	0.32530	(81111924)	406787.50	3758637.50	0.31194	(81111924)
406837.50	3758737.50	0.37279	(81111924)	406837.50	3758687.50	0.37310	(81111924)
406837.50	3758637.50	0.34997	(81111924)	406887.50	3758787.50	0.41627	(81111924)
406887.50	3758737.50	0.40177	(81111924)	406887.50	3758687.50	0.37812	(81111924)
406887.50	3758637.50	0.35987	(81012624)	406937.50	3758737.50	0.46628	(81012624)
406937.50	3758687.50	0.46646	(81012624)	406937.50	3758637.50	0.44395	(81012624)
406987.50	3758737.50	0.57678	(81012624)	406987.50	3758687.50	0.54831	(81012624)
406987.50	3758637.50	0.48284	(81012624)	407037.50	3758687.50	0.52510	(81012624)

*** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions *** 11:29:13
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 91
 CONC

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

Appendix B

PM 24 hour Emissions unmitigated

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains multiple rows of emission data for various locations and coordinates.

*** WHITTIER MATRIX OIL PROJECT ANALYSIS PEAK DAY 24hr PM emissions *** 07/29/11 11:29:13 PAGE 93

**MODELOPTs: CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 INCLUDING SOURCE(S): 1, 2, 3, 4

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). Contains discrete receptor points data.

*** WHITTIER MATRIX OIL PROJECT ANALYSIS PEAK DAY 24hr PM emissions *** 07/29/11 11:29:13 PAGE 94

**MODELOPTs: CONC

URBAN ELEV FLGPOL NOCALM

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Table with 8 columns: GROUP ID, AVERAGE CONC, DATE (YYMMDDHH), RECEPTOR (XR, YR, ZELEV, ZFLAG), OF TYPE, NETWORK GRID-ID. Contains summary of highest results for group 1.

*** RECEPTOR TYPES: GC = GRIDCART, GP = GRIDPOLR, DC = DISCCART, DP = DISCPOLR, BD = BOUNDARY

*** WHITTIER MATRIX OIL PROJECT ANALYSIS PEAK DAY 24hr PM emissions *** 07/29/11 11:29:13 PAGE 95

**MODELOPTs: CONC

URBAN ELEV FLGPOL NOCALM

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)

Appendix B

PM 24 hour Emissions unmitigated

A Total of 4 Warning Message(s)
A Total of 75552 Informational Message(s)
A Total of 1405 Calm Hours Identified
A Total of 74147 Cases Identified with HE > ZI

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
ME W360 7444 SET_WI:2-Digit Year Specified: Valid for Range 1950-2049 SURFDATA
SO W320 30 PPARAM :Input Parameter May Be Out-of-Range for Parameter QS
SO W320 34 PPARAM :Input Parameter May Be Out-of-Range for Parameter QS
RE W282 7437 CHK_EL:RecElev < SrcBase; See non-DEFAULT HE>ZI option in MCB#9

*** ISCST3 Finishes Successfully ***

Appendix B

PM 24 hour Emissions Mitigated

** ISC input file generated by GCC from
** Date: 7/22/2011

CO STARTING

TITLEONE WHITTIER MATRIX OIL PROJECT
TITLETWO ANALYSIS PEAK DAY 24hr PM emissions mitigated
MODELOPT CONC URBAN NOCALM
AVERTIME 24
POLLUTID Other
TERRHGT5 ELEV
RUNORNOT RUN
ERRORFIL c:\ISC\zERROR.ERR
FLAGPOLE 0.0

CO FINISHED

** UTMZONE 11
** SRCPARAM g/sec - height m - temp K - velocity m/s - dia m

SO STARTING

ELEVUNIT FEET

** Flare
LOCATION 1 POINT 407065 3759568 495
SRCPARAM 1 0.0789 12.2 1050 3.7 1.8

** DEA Reboiler - not operating on peak day
LOCATION 2 POINT 407085 3759498 495
SRCPARAM 2 0.000 6.1 565.0 2.8 0.25

** Heater - not operating on peak day
LOCATION 3 POINT 407085 3759498 495
SRCPARAM 3 0.000 6.1 565.0 2.8 0.5

** Drill Rig
LOCATION 4 POINT 407130 3759340 485
SRCPARAM 4 0.0029 4.0 783.0 3.6 0.2

SRCGROUP 1 1-4

SO FINISHED

RE STARTING

ELEVUNIT FEET

** receptor 1 property boundary receptor: 1
DISCCART 409779.521165832 3759787.55611628 0.00 1.50
** receptor =B6+1 property boundary receptor: =C6+1
DISCCART 409779.356248946 3759762.55120596 0.00 1.50
** receptor =B7+1 property boundary receptor: =C7+1
DISCCART 409779.19133206 3759737.5562936 0.00 1.50
** receptor =B8+1 property boundary receptor: =C8+1
DISCCART 409779.026415174 3759712.55138327 0.00 1.50
** receptor =B9+1 property boundary receptor: =C9+1
DISCCART 409778.869744132 3759687.55647092 0.00 1.50
** receptor =B10+1 property boundary receptor: =C10+1
DISCCART 409778.704827246 3759662.56155856 0.00 1.50
** receptor =B11+1 property boundary receptor: =C11+1
DISCCART 409778.539910361 3759637.55664824 0.00 1.50
** receptor =B12+1 property boundary receptor: =C12+1
DISCCART 409778.374993475 3759612.56173588 0.00 1.50
** receptor =B13+1 property boundary receptor: =C13+1
DISCCART 409778.210076589 3759587.55682556 0.00 1.50
** receptor =B14+1 property boundary receptor: =C14+1
DISCCART 409778.053405547 3759562.5619132 0.00 1.50
** receptor =B15+1 property boundary receptor: =C15+1
DISCCART 409777.888488661 3759537.55700287 0.00 1.50
** receptor =B16+1 property boundary receptor: =C16+1
DISCCART 409777.723571775 3759512.56209052 0.00 1.50
** receptor =B17+1 property boundary receptor: =C17+1
DISCCART 409777.558654889 3759487.55718019 0.00 1.50

Appendix B

PM 24 hour Emissions Mitigated

```

** receptor =B18+1 property boundary receptor: =C18+1
DISCCART 409777.393738003 3759462.56226784 0.00 1.50
** receptor =B19+1 property boundary receptor: =C19+1
DISCCART 409777.237066962 3759437.55735751 0.00 1.50
** receptor =B20+1 property boundary receptor: =C20+1
DISCCART 409777.072150076 3759412.56244516 0.00 1.50
** receptor =B21+1 property boundary receptor: =C21+1
DISCCART 409776.90723319 3759387.55753483 0.00 1.50
** receptor =B22+1 property boundary receptor: =C22+1
DISCCART 409776.742316304 3759362.56262247 0.00 1.50
** receptor =B23+1 property boundary receptor: =C23+1
DISCCART 409776.577399418 3759337.56771012 0.00 1.50
** receptor =B24+1 property boundary receptor: =C24+1
DISCCART 409776.420728376 3759312.56279979 0.00 1.50
** receptor =B25+1 property boundary receptor: =C25+1
DISCCART 409776.25581149 3759287.56788744 0.00 1.50
** receptor =B26+1 property boundary receptor: =C26+1
DISCCART 409776.090894605 3759262.56297711 0.00 1.50
** receptor =B27+1 property boundary receptor: =C27+1
DISCCART 409775.925977719 3759237.56806476 0.00 1.50
** receptor =B28+1 property boundary receptor: =C28+1
DISCCART 409775.653864857 3759212.56315443 0.00 1.50
** receptor =B29+1 property boundary receptor: =C29+1
DISCCART 409775.389997839 3759187.56824207 0.00 1.50
** receptor =B30+1 property boundary receptor: =C30+1
DISCCART 409775.117884978 3759162.56333175 0.00 1.50
** receptor =B31+1 property boundary receptor: =C31+1
DISCCART 409774.845772116 3759137.56841939 0.00 1.50
** receptor =B32+1 property boundary receptor: =C32+1
DISCCART 409774.581905098 3759112.57350704 0.00 1.50
** receptor =B33+1 property boundary receptor: =C33+1
DISCCART 409774.309792237 3759087.56859671 0.00 1.50
** receptor =B34+1 property boundary receptor: =C34+1
DISCCART 409774.037679375 3759062.57368436 0.00 1.50
** receptor =B35+1 property boundary receptor: =C35+1
DISCCART 409773.773812357 3759037.578772 0.00 1.50
** receptor =B36+1 property boundary receptor: =C36+1
DISCCART 409765.239363511 3759020.17231503 0.00 1.50
** receptor =B37+1 property boundary receptor: =C37+1
DISCCART 409740.237963605 3759020.5522377 0.00 1.50
** receptor =B38+1 property boundary receptor: =C38+1
DISCCART 409715.244809544 3759020.89216851 0.00 1.50
** receptor =B39+1 property boundary receptor: =C39+1
DISCCART 409690.243409638 3759021.21210339 0.00 1.50
** receptor =B40+1 property boundary receptor: =C40+1
DISCCART 409665.242009733 3759021.53203826 0.00 1.50
** receptor =B41+1 property boundary receptor: =C41+1
DISCCART 409640.248855671 3759021.86197111 0.00 1.50
** receptor =B42+1 property boundary receptor: =C42+1
DISCCART 409615.247455766 3759022.18190599 0.00 1.50
** receptor =B43+1 property boundary receptor: =C43+1
DISCCART 409590.254301704 3759022.50184086 0.00 1.50
** receptor =B44+1 property boundary receptor: =C44+1
DISCCART 409565.252901799 3759022.83177371 0.00 1.50
** receptor =B45+1 property boundary receptor: =C45+1
DISCCART 409540.259747738 3759023.15170858 0.00 1.50
** receptor =B46+1 property boundary receptor: =C46+1
DISCCART 409515.266593676 3759024.15150508 0.00 1.50
** receptor =B47+1 property boundary receptor: =C47+1
DISCCART 409490.289931303 3759025.35126087 0.00 1.50
** receptor =B48+1 property boundary receptor: =C48+1
DISCCART 409465.321514775 3759026.38105126 0.00 1.50
** receptor =B49+1 property boundary receptor: =C49+1
DISCCART 409440.336606558 3759027.09090677 0.00 1.50
** receptor =B50+1 property boundary receptor: =C50+1
DISCCART 409415.351698341 3759027.66079077 0.00 1.50
** receptor =B51+1 property boundary receptor: =C51+1
DISCCART 409390.342052591 3759027.87074804 0.00 1.50
** receptor =B52+1 property boundary receptor: =C52+1
DISCCART 409365.34889853 3759028.39064221 0.00 1.50
** receptor =B53+1 property boundary receptor: =C53+1
DISCCART 409340.355744468 3759028.90053843 0.00 1.50
** receptor =B54+1 property boundary receptor: =C54+1
DISCCART 409315.362590407 3759029.4204326 0.00 1.50
** receptor =B55+1 property boundary receptor: =C55+1
DISCCART 409290.369436346 3759029.94032678 0.00 1.50

```

Appendix B

PM 24 hour Emissions Mitigated

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** receptor =B56+1 property boundary receptor: =C56+1
DISCCART 409265.376282284 3759030.45022299 0.00 1.50
** receptor =B57+1 property boundary receptor: =C57+1
DISCCART 409240.374882379 3759030.97011717 0.00 1.50
** receptor =B58+1 property boundary receptor: =C58+1
DISCCART 409215.381728317 3759031.48001338 0.00 1.50
** receptor =B59+1 property boundary receptor: =C59+1
DISCCART 409190.388574256 3759031.99990756 0.00 1.50
** receptor =B60+1 property boundary receptor: =C60+1
DISCCART 409165.395420195 3759032.51980174 0.00 1.50
** receptor =B61+1 property boundary receptor: =C61+1
DISCCART 409140.402266133 3759033.02969795 0.00 1.50
** receptor =B62+1 property boundary receptor: =C62+1
DISCCART 409115.400866228 3759033.54959213 0.00 1.50
** receptor =B63+1 property boundary receptor: =C63+1
DISCCART 409090.407712167 3759034.0694863 0.00 1.50
** receptor =B64+1 property boundary receptor: =C64+1
DISCCART 409065.414558105 3759034.57938251 0.00 1.50
** receptor =B65+1 property boundary receptor: =C65+1
DISCCART 409040.421404044 3759035.09927669 0.00 1.50
** receptor =B66+1 property boundary receptor: =C66+1
DISCCART 409015.428249983 3759035.61917087 0.00 1.50
** receptor =B67+1 property boundary receptor: =C67+1
DISCCART 408990.426850077 3759036.12906708 0.00 1.50
** receptor =B68+1 property boundary receptor: =C68+1
DISCCART 408965.433696016 3759036.64896126 0.00 1.50
** receptor =B69+1 property boundary receptor: =C69+1
DISCCART 408940.440541954 3759037.15885747 0.00 1.50
** receptor =B70+1 property boundary receptor: =C70+1
DISCCART 408915.447387893 3759037.67875165 0.00 1.50
** receptor =B71+1 property boundary receptor: =C71+1
DISCCART 408890.454233832 3759038.19864582 0.00 1.50
** receptor =B72+1 property boundary receptor: =C72+1
DISCCART 408865.46107977 3759038.70854204 0.00 1.50
** receptor =B73+1 property boundary receptor: =C73+1
DISCCART 408840.459679865 3759039.22843621 0.00 1.50
** receptor =B74+1 property boundary receptor: =C74+1
DISCCART 408815.466525803 3759039.74833039 0.00 1.50
** receptor =B75+1 property boundary receptor: =C75+1
DISCCART 408790.473371742 3759040.2582266 0.00 1.50
** receptor =B76+1 property boundary receptor: =C76+1
DISCCART 408765.480217681 3759040.77812078 0.00 1.50
** receptor =B77+1 property boundary receptor: =C77+1
DISCCART 408740.487063619 3759041.28801699 0.00 1.50
** receptor =B78+1 property boundary receptor: =C78+1
DISCCART 408715.485663714 3759041.80791117 0.00 1.50
** receptor =B79+1 property boundary receptor: =C79+1
DISCCART 408690.492509652 3759042.32780535 0.00 1.50
** receptor =B80+1 property boundary receptor: =C80+1
DISCCART 408665.499355591 3759042.83770156 0.00 1.50
** receptor =B81+1 property boundary receptor: =C81+1
DISCCART 408640.50620153 3759043.35759573 0.00 1.50
** receptor =B82+1 property boundary receptor: =C82+1
DISCCART 408615.513047468 3759043.87748991 0.00 1.50
** receptor =B83+1 property boundary receptor: =C83+1
DISCCART 408590.519893407 3759044.38738612 0.00 1.50
** receptor =B84+1 property boundary receptor: =C84+1
DISCCART 408581.894740273 3759028.87054453 0.00 1.50
** receptor =B85+1 property boundary receptor: =C85+1
DISCCART 408581.58139819 3759003.87563217 0.00 1.50
** receptor =B86+1 property boundary receptor: =C86+1
DISCCART 408581.268056107 3758978.88071982 0.00 1.50
** receptor =B87+1 property boundary receptor: =C87+1
DISCCART 408580.954714024 3758953.87580949 0.00 1.50
** receptor =B88+1 property boundary receptor: =C88+1
DISCCART 408580.64137194 3758928.88089714 0.00 1.50
** receptor =B89+1 property boundary receptor: =C89+1
DISCCART 408580.328029857 3758903.88598478 0.00 1.50
** receptor =B90+1 property boundary receptor: =C90+1
DISCCART 408580.014687774 3758878.88107445 0.00 1.50
** receptor =B91+1 property boundary receptor: =C91+1
DISCCART 408579.701345691 3758853.8861621 0.00 1.50
** receptor =B92+1 property boundary receptor: =C92+1
DISCCART 408579.388003607 3758828.89124974 0.00 1.50
** receptor =B93+1 property boundary receptor: =C93+1
DISCCART 408579.074661524 3758803.88633942 0.00 1.50

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Appendix B

PM 24 hour Emissions Mitigated

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** receptor =B94+1 property boundary receptor: =C94+1
DISCCART 408578.761319441 3758778.89142706 0.00 1.50
** receptor =B95+1 property boundary receptor: =C95+1
DISCCART 408578.447977358 3758753.8965147 0.00 1.50
** receptor =B96+1 property boundary receptor: =C96+1
DISCCART 408578.134635274 3758728.89160438 0.00 1.50
** receptor =B97+1 property boundary receptor: =C97+1
DISCCART 408567.835575749 3758707.58594108 0.00 1.50
** receptor =B98+1 property boundary receptor: =C98+1
DISCCART 408550.700711301 3758689.38964489 0.00 1.50
** receptor =B99+1 property boundary receptor: =C99+1
DISCCART 408533.565846854 3758671.18335073 0.00 1.50
** receptor =B100+1 property boundary receptor: =C100+1
DISCCART 408513.767574699 3758658.37595763 0.00 1.50
** receptor =B101+1 property boundary receptor: =C101+1
DISCCART 408488.774420638 3758658.81586809 0.00 1.50
** receptor =B102+1 property boundary receptor: =C102+1
DISCCART 408463.773020732 3758659.26577651 0.00 1.50
** receptor =B103+1 property boundary receptor: =C103+1
DISCCART 408438.779866671 3758659.70568697 0.00 1.50
** receptor =B104+1 property boundary receptor: =C104+1
DISCCART 408413.78671261 3758660.15559539 0.00 1.50
** receptor =B105+1 property boundary receptor: =C105+1
DISCCART 408388.785312704 3758660.59550585 0.00 1.50
** receptor =B106+1 property boundary receptor: =C106+1
DISCCART 408363.792158643 3758661.04541427 0.00 1.50
** receptor =B107+1 property boundary receptor: =C107+1
DISCCART 408338.799004582 3758661.48532473 0.00 1.50
** receptor =B108+1 property boundary receptor: =C108+1
DISCCART 408313.797604676 3758661.93523315 0.00 1.50
** receptor =B109+1 property boundary receptor: =C109+1
DISCCART 408288.804450615 3758662.37514361 0.00 1.50
** receptor =B110+1 property boundary receptor: =C110+1
DISCCART 408263.811296553 3758662.81505407 0.00 1.50
** receptor =B111+1 property boundary receptor: =C111+1
DISCCART 408238.809896648 3758663.26496249 0.00 1.50
** receptor =B112+1 property boundary receptor: =C112+1
DISCCART 408213.816742586 3758663.70487295 0.00 1.50
** receptor =B113+1 property boundary receptor: =C113+1
DISCCART 408188.823588525 3758664.15478137 0.00 1.50
** receptor =B114+1 property boundary receptor: =C114+1
DISCCART 408163.822188619 3758664.59469183 0.00 1.50
** receptor =B115+1 property boundary receptor: =C115+1
DISCCART 408138.829034558 3758665.04460025 0.00 1.50
** receptor =B116+1 property boundary receptor: =C116+1
DISCCART 408113.835880497 3758665.48451071 0.00 1.50
** receptor =B117+1 property boundary receptor: =C117+1
DISCCART 408088.834480591 3758665.93441913 0.00 1.50
** receptor =B118+1 property boundary receptor: =C118+1
DISCCART 408063.84132653 3758666.37432959 0.00 1.50
** receptor =B119+1 property boundary receptor: =C119+1
DISCCART 408038.839926624 3758666.82423801 0.00 1.50
** receptor =B120+1 property boundary receptor: =C120+1
DISCCART 408013.846772563 3758667.26414847 0.00 1.50
** receptor =B121+1 property boundary receptor: =C121+1
DISCCART 407988.853618501 3758667.71405689 0.00 1.50
** receptor =B122+1 property boundary receptor: =C122+1
DISCCART 407963.852218596 3758668.15396735 0.00 1.50
** receptor =B123+1 property boundary receptor: =C123+1
DISCCART 407938.859064535 3758668.59387781 0.00 1.50
** receptor =B124+1 property boundary receptor: =C124+1
DISCCART 407913.865910473 3758669.04378623 0.00 1.50
** receptor =B125+1 property boundary receptor: =C125+1
DISCCART 407888.864510568 3758669.48369669 0.00 1.50
** receptor =B126+1 property boundary receptor: =C126+1
DISCCART 407863.871356506 3758669.93360511 0.00 1.50
** receptor =B127+1 property boundary receptor: =C127+1
DISCCART 407838.878202445 3758670.37351557 0.00 1.50
** receptor =B128+1 property boundary receptor: =C128+1
DISCCART 407813.876802539 3758670.82342399 0.00 1.50
** receptor =B129+1 property boundary receptor: =C129+1
DISCCART 407788.883648478 3758671.26333445 0.00 1.50
** receptor =B130+1 property boundary receptor: =C130+1
DISCCART 407763.890494417 3758671.71324287 0.00 1.50
** receptor =B131+1 property boundary receptor: =C131+1
DISCCART 407738.889094511 3758672.15315333 0.00 1.50

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Appendix B

PM 24 hour Emissions Mitigated

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** receptor =B132+1 property boundary receptor: =C132+1
DISCCART 407713.89594045 3758672.60306175 0.00 1.50
** receptor =B133+1 property boundary receptor: =C133+1
DISCCART 407688.902786388 3758673.04297221 0.00 1.50
** receptor =B134+1 property boundary receptor: =C134+1
DISCCART 407663.901386483 3758673.49288063 0.00 1.50
** receptor =B135+1 property boundary receptor: =C135+1
DISCCART 407638.908232421 3758673.93279109 0.00 1.50
** receptor =B136+1 property boundary receptor: =C136+1
DISCCART 407613.91507836 3758674.37270154 0.00 1.50
** receptor =B137+1 property boundary receptor: =C137+1
DISCCART 407588.913678454 3758674.82260997 0.00 1.50
** receptor =B138+1 property boundary receptor: =C138+1
DISCCART 407563.920524393 3758675.26252042 0.00 1.50
** receptor =B139+1 property boundary receptor: =C139+1
DISCCART 407538.919124488 3758675.71242885 0.00 1.50
** receptor =B140+1 property boundary receptor: =C140+1
DISCCART 407513.925970426 3758676.1523393 487.00 1.50
** receptor =B141+1 property boundary receptor: =C141+1
DISCCART 407488.916324676 3758676.67223348 504.80 1.50
** receptor =B142+1 property boundary receptor: =C142+1
DISCCART 407463.956153992 3758678.00196282 508.50 1.50
** receptor =B143+1 property boundary receptor: =C143+1
DISCCART 407438.987737464 3758679.33169215 508.00 1.50
** receptor =B144+1 property boundary receptor: =C144+1
DISCCART 407414.02756678 3758680.66142149 499.00 1.50
** receptor =B145+1 property boundary receptor: =C145+1
DISCCART 407389.059150251 3758681.99115083 491.80 1.50
** receptor =B146+1 property boundary receptor: =C146+1
DISCCART 407364.090733723 3758683.32088017 483.60 1.50
** receptor =B147+1 property boundary receptor: =C147+1
DISCCART 407339.130563039 3758684.6506095 473.10 1.50
** receptor =B148+1 property boundary receptor: =C148+1
DISCCART 407314.16214651 3758685.98033884 464.30 1.50
** receptor =B149+1 property boundary receptor: =C149+1
DISCCART 407289.201975826 3758687.31006818 459.00 1.50
** receptor =B150+1 property boundary receptor: =C150+1
DISCCART 407264.233559298 3758688.63979752 450.60 1.50
** receptor =B151+1 property boundary receptor: =C151+1
DISCCART 407239.273388613 3758689.96952686 445.20 1.50
** receptor =B152+1 property boundary receptor: =C152+1
DISCCART 407214.304972085 3758691.29925619 439.20 1.50
** receptor =B153+1 property boundary receptor: =C153+1
DISCCART 407189.344801401 3758692.62898553 421.30 1.50
** receptor =B154+1 property boundary receptor: =C154+1
DISCCART 407164.376384872 3758693.95871487 400.40 1.50
** receptor =B155+1 property boundary receptor: =C155+1
DISCCART 407139.416214188 3758695.27844624 382.00 1.50
** receptor =B156+1 property boundary receptor: =C156+1
DISCCART 407114.44779766 3758696.60817558 377.20 1.50
** receptor =B157+1 property boundary receptor: =C157+1
DISCCART 407089.487626976 3758697.93790491 384.00 1.50
** receptor =B158+1 property boundary receptor: =C158+1
DISCCART 407065.681874493 3758703.39679377 394.00 1.50
** receptor =B159+1 property boundary receptor: =C159+1
DISCCART 407045.124984663 3758717.63389585 400.10 1.50
** receptor =B160+1 property boundary receptor: =C160+1
DISCCART 407024.576340677 3758731.87099793 403.40 1.50
** receptor =B161+1 property boundary receptor: =C161+1
DISCCART 407004.019450847 3758746.09810204 406.20 1.50
** receptor =B162+1 property boundary receptor: =C162+1
DISCCART 406983.470806861 3758760.33520412 410.90 1.50
** receptor =B163+1 property boundary receptor: =C163+1
DISCCART 406962.922162876 3758774.5723062 415.50 1.50
** receptor =B164+1 property boundary receptor: =C164+1
DISCCART 406942.365273046 3758788.80940828 416.90 1.50
** receptor =B165+1 property boundary receptor: =C165+1
DISCCART 406921.81662906 3758803.0365124 418.60 1.50
** receptor =B166+1 property boundary receptor: =C166+1
DISCCART 406901.25973923 3758817.27361448 417.10 1.50
** receptor =B167+1 property boundary receptor: =C167+1
DISCCART 406883.918728675 3758804.44622545 408.20 1.50
** receptor =B168+1 property boundary receptor: =C168+1
DISCCART 406866.511751366 3758786.49987838 407.40 1.50
** receptor =B169+1 property boundary receptor: =C169+1
DISCCART 406849.055298991 3758768.49354352 409.10 1.50

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Appendix B

PM 24 hour Emissions Mitigated

** receptor =B170+1 property boundary receptor: =C170+1
DISCCART 406828.828242933 3758753.80653302 404.10 1.50
** receptor =B171+1 property boundary receptor: =C171+1
DISCCART 406808.601186875 3758739.11952251 401.40 1.50
** receptor =B172+1 property boundary receptor: =C172+1
DISCCART 406788.374130817 3758724.42251405 393.80 1.50
** receptor =B173+1 property boundary receptor: =C173+1
DISCCART 406768.138828914 3758709.73550355 388.10 1.50
** receptor =B174+1 property boundary receptor: =C174+1
DISCCART 406747.911772856 3758695.04849305 383.30 1.50
** receptor =B175+1 property boundary receptor: =C175+1
DISCCART 406730.010044889 3758678.56184885 380.60 1.50
** receptor =B176+1 property boundary receptor: =C176+1
DISCCART 406717.971112217 3758656.65630766 379.90 1.50
** receptor =B177+1 property boundary receptor: =C177+1
DISCCART 406705.932179545 3758634.74076851 377.20 1.50
** receptor =B178+1 property boundary receptor: =C178+1
DISCCART 406693.885001028 3758612.83522732 370.10 1.50
** receptor =B179+1 property boundary receptor: =C179+1
DISCCART 406681.846068356 3758590.92968613 364.80 1.50
** receptor =B180+1 property boundary receptor: =C180+1
DISCCART 406667.506545125 3758575.57281197 360.80 1.50
** receptor =B181+1 property boundary receptor: =C181+1
DISCCART 406646.562100613 3758589.22003412 360.80 1.50
** receptor =B182+1 property boundary receptor: =C182+1
DISCCART 406625.617656101 3758602.87725423 364.10 1.50
** receptor =B183+1 property boundary receptor: =C183+1
DISCCART 406625.493968437 3758621.57344868 365.50 1.50
** receptor =B184+1 property boundary receptor: =C184+1
DISCCART 406639.083119837 3758642.55917709 365.90 1.50
** receptor =B185+1 property boundary receptor: =C185+1
DISCCART 406652.672271237 3758663.54490551 370.00 1.50
** receptor =B186+1 property boundary receptor: =C186+1
DISCCART 406666.261422637 3758684.53063393 373.30 1.50
** receptor =B187+1 property boundary receptor: =C187+1
DISCCART 406679.850574036 3758705.51636234 379.60 1.50
** receptor =B188+1 property boundary receptor: =C188+1
DISCCART 406693.439725436 3758726.50209076 382.10 1.50
** receptor =B189+1 property boundary receptor: =C189+1
DISCCART 406707.028876836 3758747.47782121 383.70 1.50
** receptor =B190+1 property boundary receptor: =C190+1
DISCCART 406720.799436811 3758767.88366766 383.80 1.50
** receptor =B191+1 property boundary receptor: =C191+1
DISCCART 406700.250792825 3758782.11077177 390.20 1.50
** receptor =B192+1 property boundary receptor: =C192+1
DISCCART 406681.672905626 3758797.34767034 393.50 1.50
** receptor =B193+1 property boundary receptor: =C193+1
DISCCART 406695.591890798 3758818.11344353 393.70 1.50
** receptor =B194+1 property boundary receptor: =C194+1
DISCCART 406709.510875969 3758838.87921672 397.30 1.50
** receptor =B195+1 property boundary receptor: =C195+1
DISCCART 406723.429861141 3758859.6449899 399.20 1.50
** receptor =B196+1 property boundary receptor: =C196+1
DISCCART 406737.340600469 3758880.41076309 401.00 1.50
** receptor =B197+1 property boundary receptor: =C197+1
DISCCART 406756.833776384 3758895.6076698 402.70 1.50
** receptor =B198+1 property boundary receptor: =C198+1
DISCCART 406778.272971554 3758908.46505272 407.20 1.50
** receptor =B199+1 property boundary receptor: =C199+1
DISCCART 406799.712166724 3758921.32243564 414.50 1.50
** receptor =B200+1 property boundary receptor: =C200+1
DISCCART 406821.151361894 3758934.17981856 416.40 1.50
** receptor =B201+1 property boundary receptor: =C201+1
DISCCART 406830.97216245 3758956.33530887 419.00 1.50
** receptor =B202+1 property boundary receptor: =C202+1
DISCCART 406839.745740781 3758979.75054277 420.50 1.50
** receptor =B203+1 property boundary receptor: =C203+1
DISCCART 406848.519319112 3759003.1557787 430.30 1.50
** receptor =B204+1 property boundary receptor: =C204+1
DISCCART 406844.091300725 3759021.77198942 440.10 1.50
** receptor =B205+1 property boundary receptor: =C205+1
DISCCART 406823.361248165 3759035.73914645 457.90 1.50
** receptor =B206+1 property boundary receptor: =C206+1
DISCCART 406802.62294976 3759049.70630347 460.60 1.50
** receptor =B207+1 property boundary receptor: =C207+1
DISCCART 406781.884651356 3759063.6734605 461.40 1.50

Appendix B

PM 24 hour Emissions Mitigated

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** receptor =B208+1 property boundary receptor: =C208+1
DISCCART 406761.154598795 3759077.63061956 462.50 1.50
** receptor =B209+1 property boundary receptor: =C209+1
DISCCART 406740.416300391 3759091.59777659 445.50 1.50
** receptor =B210+1 property boundary receptor: =C210+1
DISCCART 406747.507726486 3759112.46352942 447.40 1.50
** receptor =B211+1 property boundary receptor: =C211+1
DISCCART 406760.231064234 3759133.97914998 450.90 1.50
** receptor =B212+1 property boundary receptor: =C212+1
DISCCART 406747.763347659 3759149.98589185 441.40 1.50
** receptor =B213+1 property boundary receptor: =C213+1
DISCCART 406732.228177005 3759166.43254418 436.20 1.50
** receptor =B214+1 property boundary receptor: =C214+1
DISCCART 406714.664528654 3759177.07037888 439.50 1.50
** receptor =B215+1 property boundary receptor: =C215+1
DISCCART 406693.579904789 3759190.50764377 445.20 1.50
** receptor =B216+1 property boundary receptor: =C216+1
DISCCART 406672.503526769 3759203.94490865 448.10 1.50
** receptor =B217+1 property boundary receptor: =C217+1
DISCCART 406651.418902904 3759217.37217557 452.50 1.50
** receptor =B218+1 property boundary receptor: =C218+1
DISCCART 406630.334279039 3759230.80944045 453.90 1.50
** receptor =B219+1 property boundary receptor: =C219+1
DISCCART 406609.249655174 3759244.24670534 454.70 1.50
** receptor =B220+1 property boundary receptor: =C220+1
DISCCART 406588.165031309 3759257.67397226 455.40 1.50
** receptor =B221+1 property boundary receptor: =C221+1
DISCCART 406567.080407444 3759271.11123714 453.50 1.50
** receptor =B222+1 property boundary receptor: =C222+1
DISCCART 406545.995783579 3759284.54850202 454.90 1.50
** receptor =B223+1 property boundary receptor: =C223+1
DISCCART 406524.911159714 3759297.97576894 456.00 1.50
** receptor =B224+1 property boundary receptor: =C224+1
DISCCART 406503.826535849 3759311.41303383 454.70 1.50
** receptor =B225+1 property boundary receptor: =C225+1
DISCCART 406482.750157828 3759324.85029871 455.30 1.50
** receptor =B226+1 property boundary receptor: =C226+1
DISCCART 406461.665533963 3759338.28756359 456.70 1.50
** receptor =B227+1 property boundary receptor: =C227+1
DISCCART 406440.580910098 3759351.71483051 457.40 1.50
** receptor =B228+1 property boundary receptor: =C228+1
DISCCART 406419.496286233 3759365.15209539 459.20 1.50
** receptor =B229+1 property boundary receptor: =C229+1
DISCCART 406398.411662368 3759378.58936028 466.20 1.50
** receptor =B230+1 property boundary receptor: =C230+1
DISCCART 406377.021942264 3759392.30656818 476.50 1.50
** receptor =B231+1 property boundary receptor: =C231+1
DISCCART 406375.644886267 3759417.26148868 478.20 1.50
** receptor =B232+1 property boundary receptor: =C232+1
DISCCART 406374.267830269 3759442.22640714 485.00 1.50
** receptor =B233+1 property boundary receptor: =C233+1
DISCCART 406372.890774272 3759467.1913256 487.80 1.50
** receptor =B234+1 property boundary receptor: =C234+1
DISCCART 406351.525791701 3759469.48085958 504.40 1.50
** receptor =B235+1 property boundary receptor: =C235+1
DISCCART 406326.540883484 3759468.72101424 513.00 1.50
** receptor =B236+1 property boundary receptor: =C236+1
DISCCART 406301.547729422 3759467.96116891 518.20 1.50
** receptor =B237+1 property boundary receptor: =C237+1
DISCCART 406276.562821205 3759467.20132357 513.80 1.50
** receptor =B238+1 property boundary receptor: =C238+1
DISCCART 406251.569667144 3759466.4514762 508.90 1.50
** receptor =B239+1 property boundary receptor: =C239+1
DISCCART 406226.584758927 3759465.69163086 506.90 1.50
** receptor =B240+1 property boundary receptor: =C240+1
DISCCART 406201.591604866 3759464.93178553 499.20 1.50
** receptor =B241+1 property boundary receptor: =C241+1
DISCCART 406176.606696648 3759464.17194019 472.60 1.50
** receptor =B242+1 property boundary receptor: =C242+1
DISCCART 406171.354093832 3759484.43781513 453.00 1.50
** receptor =B243+1 property boundary receptor: =C243+1
DISCCART 406171.634452538 3759509.43272749 441.20 1.50
** receptor =B244+1 property boundary receptor: =C244+1
DISCCART 406171.9065654 3759534.43763781 445.70 1.50
** receptor =B245+1 property boundary receptor: =C245+1
DISCCART 406172.186924106 3759559.43255017 456.90 1.50

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Appendix B

PM 24 hour Emissions Mitigated

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** receptor =B246+1 property boundary receptor: =C246+1
DISCCART 406172.459036968 3759584.42746253 473.00 1.50
** receptor =B247+1 property boundary receptor: =C247+1
DISCCART 406172.739395674 3759609.43237285 488.60 1.50
** receptor =B248+1 property boundary receptor: =C248+1
DISCCART 406173.01975438 3759634.42728521 502.60 1.50
** receptor =B249+1 property boundary receptor: =C249+1
DISCCART 406173.291867242 3759659.43219553 508.70 1.50
** receptor =B250+1 property boundary receptor: =C250+1
DISCCART 406173.572225948 3759684.42710789 530.50 1.50
** receptor =B251+1 property boundary receptor: =C251+1
DISCCART 406173.844338809 3759709.42202025 531.00 1.50
** receptor =B252+1 property boundary receptor: =C252+1
DISCCART 406174.124697515 3759734.42693057 523.50 1.50
** receptor =B253+1 property boundary receptor: =C253+1
DISCCART 406174.396810377 3759759.42184293 541.40 1.50
** receptor =B254+1 property boundary receptor: =C254+1
DISCCART 406174.677169083 3759784.41675529 537.90 1.50
** receptor =B255+1 property boundary receptor: =C255+1
DISCCART 406174.957527789 3759809.42166561 527.00 1.50
** receptor =B256+1 property boundary receptor: =C256+1
DISCCART 406175.229640651 3759834.41657797 529.00 1.50
** receptor =B257+1 property boundary receptor: =C257+1
DISCCART 406175.509999357 3759859.41149032 518.70 1.50
** receptor =B258+1 property boundary receptor: =C258+1
DISCCART 406152.330931041 3759859.62144759 499.60 1.50
** receptor =B259+1 property boundary receptor: =C259+1
DISCCART 406127.346022824 3759858.88159818 492.00 1.50
** receptor =B260+1 property boundary receptor: =C260+1
DISCCART 406102.352868763 3759858.14174878 497.80 1.50
** receptor =B261+1 property boundary receptor: =C261+1
DISCCART 406077.367960546 3759857.39190141 548.20 1.50
** receptor =B262+1 property boundary receptor: =C262+1
DISCCART 406052.374806484 3759856.652052 603.20 1.50
** receptor =B263+1 property boundary receptor: =C263+1
DISCCART 406041.308883439 3759870.99913169 598.20 1.50
** receptor =B264+1 property boundary receptor: =C264+1
DISCCART 406041.572750456 3759895.99404405 595.60 1.50
** receptor =B265+1 property boundary receptor: =C265+1
DISCCART 406041.844863318 3759920.98895641 593.00 1.50
** receptor =B266+1 property boundary receptor: =C266+1
DISCCART 406042.108730336 3759945.99386673 652.50 1.50
** receptor =B267+1 property boundary receptor: =C267+1
DISCCART 406042.380843197 3759970.98877909 690.00 1.50
** receptor =B268+1 property boundary receptor: =C268+1
DISCCART 406067.349259726 3759972.61844738 677.10 1.50
** receptor =B269+1 property boundary receptor: =C269+1
DISCCART 406092.334167943 3759973.38829068 646.60 1.50
** receptor =B270+1 property boundary receptor: =C270+1
DISCCART 406117.327322004 3759974.15813398 595.70 1.50
** receptor =B271+1 property boundary receptor: =C271+1
DISCCART 406142.312230221 3759974.91797931 550.00 1.50
** receptor =B272+1 property boundary receptor: =C272+1
DISCCART 406167.305384283 3759975.68782261 501.80 1.50
** receptor =B273+1 property boundary receptor: =C273+1
DISCCART 406187.153131503 3759980.63681526 507.00 1.50
** receptor =B274+1 property boundary receptor: =C274+1
DISCCART 406187.425244365 3760005.64172558 508.40 1.50
** receptor =B275+1 property boundary receptor: =C275+1
DISCCART 406187.697357227 3760030.63663794 512.70 1.50
** receptor =B276+1 property boundary receptor: =C276+1
DISCCART 406187.969470088 3760055.64154826 522.30 1.50
** receptor =B277+1 property boundary receptor: =C277+1
DISCCART 406188.24158295 3760080.63646062 553.60 1.50
** receptor =B278+1 property boundary receptor: =C278+1
DISCCART 406188.505449968 3760105.63137298 605.90 1.50
** receptor =B279+1 property boundary receptor: =C279+1
DISCCART 406188.777562829 3760130.6362833 606.30 1.50
** receptor =B280+1 property boundary receptor: =C280+1
DISCCART 406189.049675691 3760155.63119566 582.80 1.50
** receptor =B281+1 property boundary receptor: =C281+1
DISCCART 406189.321788553 3760180.62610802 621.80 1.50
** receptor =B282+1 property boundary receptor: =C282+1
DISCCART 406189.593901415 3760205.63101834 668.30 1.50
** receptor =B283+1 property boundary receptor: =C283+1
DISCCART 406189.866014277 3760230.6259307 703.70 1.50

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Appendix B

PM 24 hour Emissions Mitigated

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** receptor =B284+1 property boundary receptor: =C284+1
DISCCART 406190.129881294 3760255.62084306 712.50 1.50
** receptor =B285+1 property boundary receptor: =C285+1
DISCCART 406198.210808704 3760273.80714129 709.80 1.50
** receptor =B286+1 property boundary receptor: =C286+1
DISCCART 406223.203962765 3760274.55698866 728.30 1.50
** receptor =B287+1 property boundary receptor: =C287+1
DISCCART 406248.188870983 3760275.29683806 727.10 1.50
** receptor =B288+1 property boundary receptor: =C288+1
DISCCART 406270.568092402 3760282.11545016 720.90 1.50
** receptor =B289+1 property boundary receptor: =C289+1
DISCCART 406289.73968039 3760298.15218592 719.10 1.50
** receptor =B290+1 property boundary receptor: =C290+1
DISCCART 406308.911268379 3760314.19891966 751.70 1.50
** receptor =B291+1 property boundary receptor: =C291+1
DISCCART 406328.082856367 3760330.24565339 769.70 1.50
** receptor =B292+1 property boundary receptor: =C292+1
DISCCART 406347.2626902 3760346.28238916 786.20 1.50
** receptor =B293+1 property boundary receptor: =C293+1
DISCCART 406366.434278188 3760362.32912289 784.80 1.50
** receptor =B294+1 property boundary receptor: =C294+1
DISCCART 406385.605866176 3760378.37585663 759.90 1.50
** receptor =B295+1 property boundary receptor: =C295+1
DISCCART 406404.777454164 3760394.42259036 763.00 1.50
** receptor =B296+1 property boundary receptor: =C296+1
DISCCART 406423.949042153 3760410.45932613 759.20 1.50
** receptor =B297+1 property boundary receptor: =C297+1
DISCCART 406438.560678245 3760430.58522956 791.50 1.50
** receptor =B298+1 property boundary receptor: =C298+1
DISCCART 406453.114593428 3760450.91109229 824.10 1.50
** receptor =B299+1 property boundary receptor: =C299+1
DISCCART 406464.510350245 3760468.4475228 845.30 1.50
** receptor =B300+1 property boundary receptor: =C300+1
DISCCART 406439.665621381 3760465.62809669 847.40 1.50
** receptor =B301+1 property boundary receptor: =C301+1
DISCCART 406414.829138361 3760462.81866854 851.20 1.50
** receptor =B302+1 property boundary receptor: =C302+1
DISCCART 406390.322489114 3760458.31958431 852.80 1.50
** receptor =B303+1 property boundary receptor: =C303+1
DISCCART 406365.972510907 3760452.67073412 847.20 1.50
** receptor =B304+1 property boundary receptor: =C304+1
DISCCART 406354.469558114 3760461.64890664 846.20 1.50
** receptor =B305+1 property boundary receptor: =C305+1
DISCCART 406362.261880974 3760484.3042952 797.40 1.50
** receptor =B306+1 property boundary receptor: =C306+1
DISCCART 406383.824763808 3760496.95172085 792.40 1.50
** receptor =B307+1 property boundary receptor: =C307+1
DISCCART 406405.214483912 3760509.6291404 793.10 1.50
** receptor =B308+1 property boundary receptor: =C308+1
DISCCART 406422.63795291 3760527.56548951 780.80 1.50
** receptor =B309+1 property boundary receptor: =C309+1
DISCCART 406440.053176063 3760545.50183862 786.30 1.50
** receptor =B310+1 property boundary receptor: =C310+1
DISCCART 406459.637056266 3760554.25005794 832.90 1.50
** receptor =B311+1 property boundary receptor: =C311+1
DISCCART 406482.214177949 3760543.50224563 862.30 1.50
** receptor =B312+1 property boundary receptor: =C312+1
DISCCART 406504.783053787 3760532.75443332 891.50 1.50
** receptor =B313+1 property boundary receptor: =C313+1
DISCCART 406527.351929625 3760522.006621 907.40 1.50
** receptor =B314+1 property boundary receptor: =C314+1
DISCCART 406549.920805464 3760511.24881072 919.80 1.50
** receptor =B315+1 property boundary receptor: =C315+1
DISCCART 406572.497927146 3760500.50099841 936.10 1.50
** receptor =B316+1 property boundary receptor: =C316+1
DISCCART 406596.617021712 3760494.71217671 948.10 1.50
** receptor =B317+1 property boundary receptor: =C317+1
DISCCART 406621.107179271 3760489.7231922 949.10 1.50
** receptor =B318+1 property boundary receptor: =C318+1
DISCCART 406645.011881886 3760486.75379661 977.60 1.50
** receptor =B319+1 property boundary receptor: =C319+1
DISCCART 406667.09425291 3760498.49140746 983.80 1.50
** receptor =B320+1 property boundary receptor: =C320+1
DISCCART 406684.064200472 3760513.01845052 969.70 1.50
** receptor =B321+1 property boundary receptor: =C321+1
DISCCART 406685.72986102 3760537.96337305 951.70 1.50

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Appendix B

PM 24 hour Emissions Mitigated

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** receptor =B322+1 property boundary receptor: =C322+1
DISCCART 406687.395521567 3760562.90829558 941.20 1.50
** receptor =B323+1 property boundary receptor: =C323+1
DISCCART 406689.061182115 3760587.85321812 928.10 1.50
** receptor =B324+1 property boundary receptor: =C324+1
DISCCART 406690.726842663 3760612.79814065 906.30 1.50
** receptor =B325+1 property boundary receptor: =C325+1
DISCCART 406692.392503211 3760637.74306318 901.10 1.50
** receptor =B326+1 property boundary receptor: =C326+1
DISCCART 406694.058163759 3760662.68798572 914.40 1.50
** receptor =B327+1 property boundary receptor: =C327+1
DISCCART 406695.723824306 3760687.63290825 926.90 1.50
** receptor =B328+1 property boundary receptor: =C328+1
DISCCART 406694.016934537 3760710.82818692 929.80 1.50
** receptor =B329+1 property boundary receptor: =C329+1
DISCCART 406675.661685134 3760727.79473343 928.30 1.50
** receptor =B330+1 property boundary receptor: =C330+1
DISCCART 406657.306435731 3760744.7712779 929.00 1.50
** receptor =B331+1 property boundary receptor: =C331+1
DISCCART 406638.942940484 3760761.74782237 917.90 1.50
** receptor =B332+1 property boundary receptor: =C332+1
DISCCART 406620.587691081 3760778.71436888 909.20 1.50
** receptor =B333+1 property boundary receptor: =C333+1
DISCCART 406600.105013849 3760790.50196955 910.30 1.50
** receptor =B334+1 property boundary receptor: =C334+1
DISCCART 406575.309760051 3760793.6813224 913.60 1.50
** receptor =B335+1 property boundary receptor: =C335+1
DISCCART 406550.514506253 3760796.86067525 911.30 1.50
** receptor =B336+1 property boundary receptor: =C336+1
DISCCART 406525.719252455 3760800.04002811 910.10 1.50
** receptor =B337+1 property boundary receptor: =C337+1
DISCCART 406500.915752812 3760803.20938299 907.50 1.50
** receptor =B338+1 property boundary receptor: =C338+1
DISCCART 406478.025289046 3760812.0775779 899.10 1.50
** receptor =B339+1 property boundary receptor: =C339+1
DISCCART 406457.196286355 3760825.90476341 893.60 1.50
** receptor =B340+1 property boundary receptor: =C340+1
DISCCART 406436.367283663 3760839.72195097 890.60 1.50
** receptor =B341+1 property boundary receptor: =C341+1
DISCCART 406415.538280971 3760853.54913648 882.30 1.50
** receptor =B342+1 property boundary receptor: =C342+1
DISCCART 406392.268508367 3760856.24858702 870.50 1.50
** receptor =B343+1 property boundary receptor: =C343+1
DISCCART 406367.399041971 3760853.71910189 870.50 1.50
** receptor =B344+1 property boundary receptor: =C344+1
DISCCART 406342.521329729 3760851.17961879 866.50 1.50
** receptor =B345+1 property boundary receptor: =C345+1
DISCCART 406317.651863332 3760848.65013366 865.10 1.50
** receptor =B346+1 property boundary receptor: =C346+1
DISCCART 406292.782396936 3760846.11065056 864.20 1.50
** receptor =B347+1 property boundary receptor: =C347+1
DISCCART 406267.912930539 3760843.58116543 872.50 1.50
** receptor =B348+1 property boundary receptor: =C348+1
DISCCART 406244.090686367 3760836.56259404 883.10 1.50
** receptor =B349+1 property boundary receptor: =C349+1
DISCCART 406220.33440895 3760828.76418139 884.50 1.50
** receptor =B350+1 property boundary receptor: =C350+1
DISCCART 406196.586377378 3760820.96576873 881.50 1.50
** receptor =B351+1 property boundary receptor: =C351+1
DISCCART 406172.830099961 3760813.15735811 870.50 1.50
** receptor =B352+1 property boundary receptor: =C352+1
DISCCART 406149.082068388 3760805.35894546 867.20 1.50
** receptor =B353+1 property boundary receptor: =C353+1
DISCCART 406125.334036816 3760797.5605328 863.20 1.50
** receptor =B354+1 property boundary receptor: =C354+1
DISCCART 406105.593485571 3760782.55358742 862.70 1.50
** receptor =B355+1 property boundary receptor: =C355+1
DISCCART 406085.877671859 3760767.17671734 840.90 1.50
** receptor =B356+1 property boundary receptor: =C356+1
DISCCART 406083.428656103 3760744.02143053 840.90 1.50
** receptor =B357+1 property boundary receptor: =C357+1
DISCCART 406083.931652605 3760719.02651817 838.00 1.50
** receptor =B358+1 property boundary receptor: =C358+1
DISCCART 406084.442894952 3760694.03160581 824.10 1.50
** receptor =B359+1 property boundary receptor: =C359+1
DISCCART 406073.797509965 3760679.39458514 814.50 1.50

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Appendix B

PM 24 hour Emissions Mitigated

** receptor =B360+1 property boundary receptor: =C360+1
DISCCART 406048.812601748 3760680.15443047 809.20 1.50
** receptor =B361+1 property boundary receptor: =C361+1
DISCCART 406023.827693531 3760680.90427784 763.80 1.50
** receptor =B362+1 property boundary receptor: =C362+1
DISCCART 405998.83453947 3760681.65412521 703.40 1.50
** receptor =B363+1 property boundary receptor: =C363+1
DISCCART 405973.849631253 3760682.40397258 653.30 1.50
** receptor =B364+1 property boundary receptor: =C364+1
DISCCART 405948.856477192 3760683.16381792 647.20 1.50
** receptor =B365+1 property boundary receptor: =C365+1
DISCCART 405923.871568975 3760683.91366529 645.10 1.50
** receptor =B366+1 property boundary receptor: =C366+1
DISCCART 405898.878414913 3760684.66351266 605.30 1.50
** receptor =B367+1 property boundary receptor: =C367+1
DISCCART 405873.893506696 3760685.41336003 562.00 1.50
** receptor =B368+1 property boundary receptor: =C368+1
DISCCART 405848.900352635 3760686.1632074 537.10 1.50
** receptor =B369+1 property boundary receptor: =C369+1
DISCCART 405823.915444418 3760686.92305274 526.20 1.50
** receptor =B370+1 property boundary receptor: =C370+1
DISCCART 405798.922290357 3760687.67290011 521.50 1.50
** receptor =B371+1 property boundary receptor: =C371+1
DISCCART 405774.473362019 3760683.82368361 524.60 1.50
** receptor =B372+1 property boundary receptor: =C372+1
DISCCART 405749.554420556 3760682.28399701 542.50 1.50
** receptor =B373+1 property boundary receptor: =C373+1
DISCCART 405724.55302065 3760682.50395223 549.20 1.50
** receptor =B374+1 property boundary receptor: =C374+1
DISCCART 405699.559866589 3760682.73390543 534.70 1.50
** receptor =B375+1 property boundary receptor: =C375+1
DISCCART 405674.558466684 3760682.96385862 544.60 1.50
** receptor =B376+1 property boundary receptor: =C376+1
DISCCART 405649.557066778 3760683.19381182 556.20 1.50
** receptor =B377+1 property boundary receptor: =C377+1
DISCCART 405632.100614403 3760691.55211051 570.10 1.50
** receptor =B378+1 property boundary receptor: =C378+1
DISCCART 405632.809757013 3760716.54702287 587.70 1.50
** receptor =B379+1 property boundary receptor: =C379+1
DISCCART 405633.518899622 3760741.53193726 599.40 1.50
** receptor =B380+1 property boundary receptor: =C380+1
DISCCART 405634.219796387 3760766.52684962 603.30 1.50
** receptor =B381+1 property boundary receptor: =C381+1
DISCCART 405634.928938997 3760791.51176401 603.50 1.50
** receptor =B382+1 property boundary receptor: =C382+1
DISCCART 405635.638081606 3760816.50667637 604.70 1.50
** receptor =B383+1 property boundary receptor: =C383+1
DISCCART 405636.338978371 3760841.49159076 614.60 1.50
** receptor =B384+1 property boundary receptor: =C384+1
DISCCART 405637.048120981 3760866.48650312 632.00 1.50
** receptor =B385+1 property boundary receptor: =C385+1
DISCCART 405637.75726359 3760891.47141751 654.90 1.50
** receptor =B386+1 property boundary receptor: =C386+1
DISCCART 405638.458160355 3760916.46632987 658.40 1.50
** receptor =B387+1 property boundary receptor: =C387+1
DISCCART 405639.167302965 3760941.45124426 655.80 1.50
** receptor =B388+1 property boundary receptor: =C388+1
DISCCART 405639.876445574 3760966.44615662 659.10 1.50
** receptor =B389+1 property boundary receptor: =C389+1
DISCCART 405644.081826165 3760990.87118498 670.50 1.50
** receptor =B390+1 property boundary receptor: =C390+1
DISCCART 405653.317171777 3761014.1064555 681.40 1.50
** receptor =B391+1 property boundary receptor: =C391+1
DISCCART 405653.762447369 3761038.93140246 695.60 1.50
** receptor =B392+1 property boundary receptor: =C392+1
DISCCART 405654.150002051 3761063.92631482 706.90 1.50
** receptor =B393+1 property boundary receptor: =C393+1
DISCCART 405654.537556733 3761088.92122717 718.70 1.50
** receptor =B394+1 property boundary receptor: =C394+1
DISCCART 405672.802101848 3761096.21974158 721.60 1.50
** receptor =B395+1 property boundary receptor: =C395+1
DISCCART 405697.79525591 3761095.61986368 723.70 1.50
** receptor =B396+1 property boundary receptor: =C396+1
DISCCART 405722.788409971 3761095.01998579 721.30 1.50
** receptor =B397+1 property boundary receptor: =C397+1
DISCCART 405747.781564032 3761094.42010789 720.30 1.50

Appendix B

PM 24 hour Emissions Mitigated

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** receptor =B398+1 property boundary receptor: =C398+1
DISCCART 405772.766472249 3761093.82023 722.60 1.50
** receptor =B399+1 property boundary receptor: =C399+1
DISCCART 405797.759626311 3761093.2203521 726.10 1.50
** receptor =B400+1 property boundary receptor: =C400+1
DISCCART 405822.752780372 3761092.6204742 711.70 1.50
** receptor =B401+1 property boundary receptor: =C401+1
DISCCART 405847.745934433 3761092.02059631 659.40 1.50
** receptor =B402+1 property boundary receptor: =C402+1
DISCCART 405872.739088495 3761091.42071841 677.30 1.50
** receptor =B403+1 property boundary receptor: =C403+1
DISCCART 405897.732242556 3761090.82084051 700.10 1.50
** receptor =B404+1 property boundary receptor: =C404+1
DISCCART 405922.725396617 3761090.22096262 713.40 1.50
** receptor =B405+1 property boundary receptor: =C405+1
DISCCART 405947.718550679 3761089.62108472 723.90 1.50
** receptor =B406+1 property boundary receptor: =C406+1
DISCCART 405972.71170474 3761089.02120682 715.50 1.50
** receptor =B407+1 property boundary receptor: =C407+1
DISCCART 405997.704858801 3761088.41133096 696.70 1.50
** receptor =B408+1 property boundary receptor: =C408+1
DISCCART 406022.698012863 3761087.81145306 682.90 1.50
** receptor =B409+1 property boundary receptor: =C409+1
DISCCART 406047.691166924 3761087.21157517 744.00 1.50
** receptor =B410+1 property boundary receptor: =C410+1
DISCCART 406072.684320985 3761086.61169727 811.20 1.50
** receptor =B411+1 property boundary receptor: =C411+1
DISCCART 406097.677475047 3761086.01181937 811.30 1.50
** receptor =B412+1 property boundary receptor: =C412+1
DISCCART 406122.670629108 3761085.41194148 766.50 1.50
** receptor =B413+1 property boundary receptor: =C413+1
DISCCART 406147.663783169 3761084.81206358 718.20 1.50
** receptor =B414+1 property boundary receptor: =C414+1
DISCCART 406172.656937231 3761084.21218569 736.20 1.50
** receptor =B415+1 property boundary receptor: =C415+1
DISCCART 406197.650091292 3761083.61230779 747.10 1.50
** receptor =B416+1 property boundary receptor: =C416+1
DISCCART 406222.643245353 3761083.01242989 735.90 1.50
** receptor =B417+1 property boundary receptor: =C417+1
DISCCART 406247.636399415 3761082.412552 692.90 1.50
** receptor =B418+1 property boundary receptor: =C418+1
DISCCART 406272.629553476 3761081.8126741 695.00 1.50
** receptor =B419+1 property boundary receptor: =C419+1
DISCCART 406297.622707537 3761081.2127962 717.30 1.50
** receptor =B420+1 property boundary receptor: =C420+1
DISCCART 406322.607615754 3761080.61291831 750.80 1.50
** receptor =B421+1 property boundary receptor: =C421+1
DISCCART 406347.600769816 3761080.01304041 702.40 1.50
** receptor =B422+1 property boundary receptor: =C422+1
DISCCART 406372.593923877 3761079.41316251 706.20 1.50
** receptor =B423+1 property boundary receptor: =C423+1
DISCCART 406397.587077938 3761078.81328462 717.80 1.50
** receptor =B424+1 property boundary receptor: =C424+1
DISCCART 406422.580232 3761078.20340875 743.10 1.50
** receptor =B425+1 property boundary receptor: =C425+1
DISCCART 406447.573386061 3761077.60353086 744.20 1.50
** receptor =B426+1 property boundary receptor: =C426+1
DISCCART 406472.566540122 3761077.00365296 689.30 1.50
** receptor =B427+1 property boundary receptor: =C427+1
DISCCART 406497.559694184 3761076.40377506 682.70 1.50
** receptor =B428+1 property boundary receptor: =C428+1
DISCCART 406522.552848245 3761075.80389717 733.00 1.50
** receptor =B429+1 property boundary receptor: =C429+1
DISCCART 406547.546002306 3761075.20401927 766.50 1.50
** receptor =B430+1 property boundary receptor: =C430+1
DISCCART 406572.539156368 3761074.60414137 774.40 1.50
** receptor =B431+1 property boundary receptor: =C431+1
DISCCART 406597.532310429 3761074.00426348 764.30 1.50
** receptor =B432+1 property boundary receptor: =C432+1
DISCCART 406622.52546449 3761073.40438558 788.10 1.50
** receptor =B433+1 property boundary receptor: =C433+1
DISCCART 406647.518618552 3761072.80450769 778.40 1.50
** receptor =B434+1 property boundary receptor: =C434+1
DISCCART 406672.511772613 3761072.20462979 755.40 1.50
** receptor =B435+1 property boundary receptor: =C435+1
DISCCART 406697.504926674 3761071.60475189 797.00 1.50

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Appendix B

PM 24 hour Emissions Mitigated

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** receptor =B436+1 property boundary receptor: =C436+1
DISCCART 406722.498080736 3761071.00487399 811.80 1.50
** receptor =B437+1 property boundary receptor: =C437+1
DISCCART 406747.491234797 3761070.4049961 768.50 1.50
** receptor =B438+1 property boundary receptor: =C438+1
DISCCART 406772.484388858 3761069.8051182 740.50 1.50
** receptor =B439+1 property boundary receptor: =C439+1
DISCCART 406797.47754292 3761069.20524031 786.40 1.50
** receptor =B440+1 property boundary receptor: =C440+1
DISCCART 406822.470696981 3761068.60536241 834.10 1.50
** receptor =B441+1 property boundary receptor: =C441+1
DISCCART 406847.463851042 3761068.00548451 852.90 1.50
** receptor =B442+1 property boundary receptor: =C442+1
DISCCART 406872.457005104 3761067.39560865 857.90 1.50
** receptor =B443+1 property boundary receptor: =C443+1
DISCCART 406897.441913321 3761066.79573075 846.20 1.50
** receptor =B444+1 property boundary receptor: =C444+1
DISCCART 406922.435067382 3761066.19585286 825.30 1.50
** receptor =B445+1 property boundary receptor: =C445+1
DISCCART 406947.428221443 3761065.59597496 792.50 1.50
** receptor =B446+1 property boundary receptor: =C446+1
DISCCART 406972.421375505 3761064.99609706 774.10 1.50
** receptor =B447+1 property boundary receptor: =C447+1
DISCCART 406997.414529566 3761064.39621917 781.90 1.50
** receptor =B448+1 property boundary receptor: =C448+1
DISCCART 407021.129577761 3761061.73676049 827.00 1.50
** receptor =B449+1 property boundary receptor: =C449+1
DISCCART 407020.313239176 3761036.7518461 788.80 1.50
** receptor =B450+1 property boundary receptor: =C450+1
DISCCART 407019.496900591 3761011.76693171 840.40 1.50
** receptor =B451+1 property boundary receptor: =C451+1
DISCCART 407018.672316161 3760986.78201732 894.40 1.50
** receptor =B452+1 property boundary receptor: =C452+1
DISCCART 407017.855977576 3760961.78710496 947.50 1.50
** receptor =B453+1 property boundary receptor: =C453+1
DISCCART 407017.039638991 3760936.80219056 989.40 1.50
** receptor =B454+1 property boundary receptor: =C454+1
DISCCART 407016.215054561 3760911.81727617 1033.70 1.50
** receptor =B455+1 property boundary receptor: =C455+1
DISCCART 407015.398715976 3760886.83236178 1047.60 1.50
** receptor =B456+1 property boundary receptor: =C456+1
DISCCART 407014.58237739 3760861.84744738 1031.60 1.50
** receptor =B457+1 property boundary receptor: =C457+1
DISCCART 407013.757792961 3760836.86253299 1013.10 1.50
** receptor =B458+1 property boundary receptor: =C458+1
DISCCART 407012.941454375 3760811.86762063 1004.00 1.50
** receptor =B459+1 property boundary receptor: =C459+1
DISCCART 407012.12511579 3760786.88270624 991.50 1.50
** receptor =B460+1 property boundary receptor: =C460+1
DISCCART 407011.30053136 3760761.89779185 965.40 1.50
** receptor =B461+1 property boundary receptor: =C461+1
DISCCART 407010.484192775 3760736.91287745 929.60 1.50
** receptor =B462+1 property boundary receptor: =C462+1
DISCCART 407009.66785419 3760711.92796306 891.10 1.50
** receptor =B463+1 property boundary receptor: =C463+1
DISCCART 407008.84326976 3760686.94304867 843.80 1.50
** receptor =B464+1 property boundary receptor: =C464+1
DISCCART 407008.026931175 3760661.94813631 807.10 1.50
** receptor =B465+1 property boundary receptor: =C465+1
DISCCART 407031.923387945 3760661.55821568 770.20 1.50
** receptor =B466+1 property boundary receptor: =C466+1
DISCCART 407056.92478785 3760661.34825841 710.10 1.50
** receptor =B467+1 property boundary receptor: =C467+1
DISCCART 407081.926187756 3760661.14829912 721.00 1.50
** receptor =B468+1 property boundary receptor: =C468+1
DISCCART 407106.927587662 3760660.93834185 805.20 1.50
** receptor =B469+1 property boundary receptor: =C469+1
DISCCART 407131.920741723 3760660.73838255 854.60 1.50
** receptor =B470+1 property boundary receptor: =C470+1
DISCCART 407156.922141629 3760660.52842529 878.90 1.50
** receptor =B471+1 property boundary receptor: =C471+1
DISCCART 407181.923541534 3760660.32846599 925.90 1.50
** receptor =B472+1 property boundary receptor: =C472+1
DISCCART 407206.916695596 3760660.11850873 973.50 1.50
** receptor =B473+1 property boundary receptor: =C473+1
DISCCART 407231.918095501 3760659.90855146 1011.30 1.50

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Appendix B

PM 24 hour Emissions Mitigated

** receptor =B474+1 property boundary receptor: =C474+1
 DISCCART 407256.919495407 3760659.70859216 1023.40 1.50
 ** receptor =B475+1 property boundary receptor: =C475+1
 DISCCART 407281.920895313 3760659.4986349 1000.40 1.50
 ** receptor =B476+1 property boundary receptor: =C476+1
 DISCCART 407306.914049374 3760659.2986756 962.40 1.50
 ** receptor =B477+1 property boundary receptor: =C477+1
 DISCCART 407331.91544928 3760659.08871834 935.50 1.50
 ** receptor =B478+1 property boundary receptor: =C478+1
 DISCCART 407356.916849185 3760658.88875904 958.90 1.50
 ** receptor =B479+1 property boundary receptor: =C479+1
 DISCCART 407381.918249091 3760658.67880177 960.10 1.50
 ** receptor =B480+1 property boundary receptor: =C480+1
 DISCCART 407406.911403152 3760658.47884248 955.30 1.50
 ** receptor =B481+1 property boundary receptor: =C481+1
 DISCCART 407431.912803058 3760658.26888521 975.60 1.50
 ** receptor =B482+1 property boundary receptor: =C482+1
 DISCCART 407456.914202963 3760658.06892591 989.10 1.50
 ** receptor =B483+1 property boundary receptor: =C483+1
 DISCCART 407481.907357025 3760657.85896865 995.00 1.50
 ** receptor =B484+1 property boundary receptor: =C484+1
 DISCCART 407506.90875693 3760657.64901139 964.70 1.50
 ** receptor =B485+1 property boundary receptor: =C485+1
 DISCCART 407531.910156836 3760657.44905209 943.60 1.50
 ** receptor =B486+1 property boundary receptor: =C486+1
 DISCCART 407556.911556741 3760657.23909482 0.00 1.50
 ** receptor =B487+1 property boundary receptor: =C487+1
 DISCCART 407581.904710803 3760657.03913552 0.00 1.50
 ** receptor =B488+1 property boundary receptor: =C488+1
 DISCCART 407606.906110708 3760656.82917826 0.00 1.50
 ** receptor =B489+1 property boundary receptor: =C489+1
 DISCCART 407631.907510614 3760656.62921896 0.00 1.50
 ** receptor =B490+1 property boundary receptor: =C490+1
 DISCCART 407656.90891052 3760656.4192617 0.00 1.50
 ** receptor =B491+1 property boundary receptor: =C491+1
 DISCCART 407681.902064581 3760656.2193024 0.00 1.50
 ** receptor =B492+1 property boundary receptor: =C492+1
 DISCCART 407706.903464487 3760656.00934513 0.00 1.50
 ** receptor =B493+1 property boundary receptor: =C493+1
 DISCCART 407731.904864392 3760655.79938787 0.00 1.50
 ** receptor =B494+1 property boundary receptor: =C494+1
 DISCCART 407756.898018454 3760655.59942857 0.00 1.50
 ** receptor =B495+1 property boundary receptor: =C495+1
 DISCCART 407781.899418359 3760655.38947131 0.00 1.50
 ** receptor =B496+1 property boundary receptor: =C496+1
 DISCCART 407806.900818265 3760655.18951201 0.00 1.50
 ** receptor =B497+1 property boundary receptor: =C497+1
 DISCCART 407831.90221817 3760654.97955475 0.00 1.50
 ** receptor =B498+1 property boundary receptor: =C498+1
 DISCCART 407856.895372232 3760654.77959545 0.00 1.50
 ** receptor =B499+1 property boundary receptor: =C499+1
 DISCCART 407881.896772137 3760654.56963818 0.00 1.50
 ** receptor =B500+1 property boundary receptor: =C500+1
 DISCCART 407906.898172043 3760654.36967888 0.00 1.50
 ** receptor =B501+1 property boundary receptor: =C501+1
 DISCCART 407931.899571949 3760654.15972162 0.00 1.50
 ** receptor =B502+1 property boundary receptor: =C502+1
 DISCCART 407956.89272601 3760653.95976232 0.00 1.50
 ** receptor =B503+1 property boundary receptor: =C503+1
 DISCCART 407981.894125916 3760653.74980506 0.00 1.50
 ** receptor =B504+1 property boundary receptor: =C504+1
 DISCCART 408006.895525821 3760653.53984779 0.00 1.50
 ** receptor =B505+1 property boundary receptor: =C505+1
 DISCCART 408031.888679883 3760653.3398885 0.00 1.50
 ** receptor =B506+1 property boundary receptor: =C506+1
 DISCCART 408056.890079788 3760653.12993123 0.00 1.50
 ** receptor =B507+1 property boundary receptor: =C507+1
 DISCCART 408081.891479694 3760652.92997193 0.00 1.50
 ** receptor =B508+1 property boundary receptor: =C508+1
 DISCCART 408106.892879599 3760652.72001467 0.00 1.50
 ** receptor =B509+1 property boundary receptor: =C509+1
 DISCCART 408131.886033661 3760652.52005537 0.00 1.50
 ** receptor =B510+1 property boundary receptor: =C510+1
 DISCCART 408156.887433566 3760652.31009811 0.00 1.50
 ** receptor =B511+1 property boundary receptor: =C511+1
 DISCCART 408181.888833472 3760652.11013881 0.00 1.50

Appendix B

PM 24 hour Emissions Mitigated

** receptor =B512+1 property boundary receptor: =C512+1
DISCCART 408206.890233378 3760651.90018154 0.00 1.50
** receptor =B513+1 property boundary receptor: =C513+1
DISCCART 408225.740233438 3760644.93159998 0.00 1.50
** receptor =B514+1 property boundary receptor: =C514+1
DISCCART 408224.940386542 3760619.93668762 0.00 1.50
** receptor =B515+1 property boundary receptor: =C515+1
DISCCART 408224.148785489 3760594.95177323 0.00 1.50
** receptor =B516+1 property boundary receptor: =C516+1
DISCCART 408223.348938593 3760569.96685883 0.00 1.50
** receptor =B517+1 property boundary receptor: =C517+1
DISCCART 408222.549091696 3760544.98194444 0.00 1.50
** receptor =B518+1 property boundary receptor: =C518+1
DISCCART 408221.749244799 3760519.98703208 0.00 1.50
** receptor =B519+1 property boundary receptor: =C519+1
DISCCART 408220.949397902 3760495.00211769 0.00 1.50
** receptor =B520+1 property boundary receptor: =C520+1
DISCCART 408220.149551006 3760470.0172033 0.00 1.50
** receptor =B521+1 property boundary receptor: =C521+1
DISCCART 408219.349704109 3760445.0322889 0.00 1.50
** receptor =B522+1 property boundary receptor: =C522+1
DISCCART 408218.549857212 3760420.03737655 0.00 1.50
** receptor =B523+1 property boundary receptor: =C523+1
DISCCART 408217.750010316 3760395.05246215 0.00 1.50
** receptor =B524+1 property boundary receptor: =C524+1
DISCCART 408216.950163419 3760370.06754776 0.00 1.50
** receptor =B525+1 property boundary receptor: =C525+1
DISCCART 408216.150316522 3760345.08263337 0.00 1.50
** receptor =B526+1 property boundary receptor: =C526+1
DISCCART 408215.350469625 3760320.09771897 0.00 1.50
** receptor =B527+1 property boundary receptor: =C527+1
DISCCART 408214.558868573 3760295.10280662 0.00 1.50
** receptor =B528+1 property boundary receptor: =C528+1
DISCCART 408213.759021676 3760270.11789223 0.00 1.50
** receptor =B529+1 property boundary receptor: =C529+1
DISCCART 408212.95917478 3760245.13297783 0.00 1.50
** receptor =B530+1 property boundary receptor: =C530+1
DISCCART 408212.159327883 3760220.14806344 0.00 1.50
** receptor =B531+1 property boundary receptor: =C531+1
DISCCART 408211.359480986 3760195.15315108 0.00 1.50
** receptor =B532+1 property boundary receptor: =C532+1
DISCCART 408210.559634089 3760170.16823669 0.00 1.50
** receptor =B533+1 property boundary receptor: =C533+1
DISCCART 408209.759787193 3760145.18332229 0.00 1.50
** receptor =B534+1 property boundary receptor: =C534+1
DISCCART 408208.959940296 3760120.1984079 0.00 1.50
** receptor =B535+1 property boundary receptor: =C535+1
DISCCART 408208.160093399 3760095.20349554 0.00 1.50
** receptor =B536+1 property boundary receptor: =C536+1
DISCCART 408207.360246503 3760070.21858115 0.00 1.50
** receptor =B537+1 property boundary receptor: =C537+1
DISCCART 408206.560399606 3760045.23366676 0.00 1.50
** receptor =B538+1 property boundary receptor: =C538+1
DISCCART 408205.760552709 3760020.24875237 0.00 1.50
** receptor =B539+1 property boundary receptor: =C539+1
DISCCART 408204.968951657 3759995.26383797 0.00 1.50
** receptor =B540+1 property boundary receptor: =C540+1
DISCCART 408204.16910476 3759970.26892561 0.00 1.50
** receptor =B541+1 property boundary receptor: =C541+1
DISCCART 408203.369257863 3759945.28401122 0.00 1.50
** receptor =B542+1 property boundary receptor: =C542+1
DISCCART 408202.569410967 3759920.29909683 0.00 1.50
** receptor =B543+1 property boundary receptor: =C543+1
DISCCART 408201.76956407 3759895.31418244 0.00 1.50
** receptor =B544+1 property boundary receptor: =C544+1
DISCCART 408200.969717173 3759870.31927008 0.00 1.50
** receptor =B545+1 property boundary receptor: =C545+1
DISCCART 408201.579909651 3759847.54390594 0.00 1.50
** receptor =B546+1 property boundary receptor: =C546+1
DISCCART 408226.573063712 3759847.1539853 0.00 1.50
** receptor =B547+1 property boundary receptor: =C547+1
DISCCART 408251.574463618 3759846.76406467 0.00 1.50
** receptor =B548+1 property boundary receptor: =C548+1
DISCCART 408276.567617679 3759846.37414404 0.00 1.50
** receptor =B549+1 property boundary receptor: =C549+1
DISCCART 408301.569017585 3759845.98422341 0.00 1.50

Appendix B

PM 24 hour Emissions Mitigated

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** receptor =B550+1 property boundary receptor: =C550+1
DISCCART 408326.562171646 3759845.59430277 0.00 1.50
** receptor =B551+1 property boundary receptor: =C551+1
DISCCART 408351.563571552 3759845.20438214 0.00 1.50
** receptor =B552+1 property boundary receptor: =C552+1
DISCCART 408376.556725613 3759844.81446151 0.00 1.50
** receptor =B553+1 property boundary receptor: =C553+1
DISCCART 408401.549879674 3759844.42454087 0.00 1.50
** receptor =B554+1 property boundary receptor: =C554+1
DISCCART 408426.55127958 3759844.04461821 0.00 1.50
** receptor =B555+1 property boundary receptor: =C555+1
DISCCART 408451.544433641 3759843.65469757 0.00 1.50
** receptor =B556+1 property boundary receptor: =C556+1
DISCCART 408476.545833547 3759843.26477694 0.00 1.50
** receptor =B557+1 property boundary receptor: =C557+1
DISCCART 408501.538987608 3759842.87485631 0.00 1.50
** receptor =B558+1 property boundary receptor: =C558+1
DISCCART 408526.540387514 3759842.48493568 0.00 1.50
** receptor =B559+1 property boundary receptor: =C559+1
DISCCART 408551.533541575 3759842.09501504 0.00 1.50
** receptor =B560+1 property boundary receptor: =C560+1
DISCCART 408576.534941481 3759841.70509441 0.00 1.50
** receptor =B561+1 property boundary receptor: =C561+1
DISCCART 408601.528095542 3759841.31517378 0.00 1.50
** receptor =B562+1 property boundary receptor: =C562+1
DISCCART 408626.529495448 3759840.93525111 0.00 1.50
** receptor =B563+1 property boundary receptor: =C563+1
DISCCART 408651.522649509 3759840.54533048 0.00 1.50
** receptor =B564+1 property boundary receptor: =C564+1
DISCCART 408676.524049415 3759840.15540984 0.00 1.50
** receptor =B565+1 property boundary receptor: =C565+1
DISCCART 408701.517203476 3759839.76548921 0.00 1.50
** receptor =B566+1 property boundary receptor: =C566+1
DISCCART 408726.510357538 3759839.37556858 0.00 1.50
** receptor =B567+1 property boundary receptor: =C567+1
DISCCART 408751.511757443 3759838.98564795 0.00 1.50
** receptor =B568+1 property boundary receptor: =C568+1
DISCCART 408776.504911504 3759838.59572731 0.00 1.50
** receptor =B569+1 property boundary receptor: =C569+1
DISCCART 408801.506311141 3759838.20580668 0.00 1.50
** receptor =B570+1 property boundary receptor: =C570+1
DISCCART 408826.499465471 3759837.81588605 0.00 1.50
** receptor =B571+1 property boundary receptor: =C571+1
DISCCART 408851.500865377 3759837.43596338 0.00 1.50
** receptor =B572+1 property boundary receptor: =C572+1
DISCCART 408876.494019438 3759837.04604275 0.00 1.50
** receptor =B573+1 property boundary receptor: =C573+1
DISCCART 408901.495419344 3759836.65612211 0.00 1.50
** receptor =B574+1 property boundary receptor: =C574+1
DISCCART 408926.488573405 3759836.26620148 0.00 1.50
** receptor =B575+1 property boundary receptor: =C575+1
DISCCART 408951.489973311 3759835.87628085 0.00 1.50
** receptor =B576+1 property boundary receptor: =C576+1
DISCCART 408976.483127372 3759835.48636022 0.00 1.50
** receptor =B577+1 property boundary receptor: =C577+1
DISCCART 409001.484527278 3759835.09643958 0.00 1.50
** receptor =B578+1 property boundary receptor: =C578+1
DISCCART 409026.477681339 3759834.70651895 0.00 1.50
** receptor =B579+1 property boundary receptor: =C579+1
DISCCART 409051.479081245 3759834.31659832 0.00 1.50
** receptor =B580+1 property boundary receptor: =C580+1
DISCCART 409076.472235306 3759833.93667565 0.00 1.50
** receptor =B581+1 property boundary receptor: =C581+1
DISCCART 409101.465389368 3759833.58674688 0.00 1.50
** receptor =B582+1 property boundary receptor: =C582+1
DISCCART 409126.466789273 3759833.25681403 0.00 1.50
** receptor =B583+1 property boundary receptor: =C583+1
DISCCART 409151.468189179 3759832.91688323 0.00 1.50
** receptor =B584+1 property boundary receptor: =C584+1
DISCCART 409176.46134324 3759832.58695038 0.00 1.50
** receptor =B585+1 property boundary receptor: =C585+1
DISCCART 409201.462743146 3759832.24701957 0.00 1.50
** receptor =B586+1 property boundary receptor: =C586+1
DISCCART 409226.455897207 3759831.91708673 0.00 1.50
** receptor =B587+1 property boundary receptor: =C587+1
DISCCART 409251.457297113 3759831.57715592 0.00 1.50

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PM 24 hour Emissions Mitigated

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** receptor =B588+1 property boundary receptor: =C588+1
DISCCART 409276.450451174 3759831.24722308 0.00 1.50
** receptor =B589+1 property boundary receptor: =C589+1
DISCCART 409301.45185108 3759830.90729227 0.00 1.50
** receptor =B590+1 property boundary receptor: =C590+1
DISCCART 409326.445005141 3759830.57735943 0.00 1.50
** receptor =B591+1 property boundary receptor: =C591+1
DISCCART 409351.446405047 3759830.23742862 0.00 1.50
** receptor =B592+1 property boundary receptor: =C592+1
DISCCART 409376.447804952 3759829.90749578 0.00 1.50
** receptor =B593+1 property boundary receptor: =C593+1
DISCCART 409401.440959014 3759829.56756497 0.00 1.50
** receptor =B594+1 property boundary receptor: =C594+1
DISCCART 409426.442358919 3759829.23763213 0.00 1.50
** receptor =B595+1 property boundary receptor: =C595+1
DISCCART 409451.43551298 3759828.89770132 0.00 1.50
** receptor =B596+1 property boundary receptor: =C596+1
DISCCART 409476.436912886 3759828.56776847 0.00 1.50
** receptor =B597+1 property boundary receptor: =C597+1
DISCCART 409501.430066947 3759828.22783767 0.00 1.50
** receptor =B598+1 property boundary receptor: =C598+1
DISCCART 409526.431466853 3759827.89790482 0.00 1.50
** receptor =B599+1 property boundary receptor: =C599+1
DISCCART 409551.424620914 3759827.55797402 0.00 1.50
** receptor =B600+1 property boundary receptor: =C600+1
DISCCART 409576.42602082 3759827.22804117 0.00 1.50
** receptor =B601+1 property boundary receptor: =C601+1
DISCCART 409601.427420726 3759826.88811036 0.00 1.50
** receptor =B602+1 property boundary receptor: =C602+1
DISCCART 409626.420574787 3759826.55817752 0.00 1.50
** receptor =B603+1 property boundary receptor: =C603+1
DISCCART 409651.421974693 3759826.21824671 0.00 1.50
** receptor =B604+1 property boundary receptor: =C604+1
DISCCART 409676.415128754 3759825.88831387 0.00 1.50
** receptor =B605+1 property boundary receptor: =C605+1
DISCCART 409700.872302936 3759821.52920115 0.00 1.50
** receptor =B606+1 property boundary receptor: =C606+1
DISCCART 409724.579105287 3759813.61081292 0.00 1.50
** receptor =B607+1 property boundary receptor: =C607+1
DISCCART 409748.294153483 3759805.68242672 0.00 1.50
** receptor =B608+1 property boundary receptor: =C608+1
DISCCART 409772.000955834 3759797.76403848 0.00 1.50

** SENSITIVE RECEPTORS

** receptor 1001 (sensitive receptor: T1)
DISCCART 407390.947448644 3759093.38741401 454.30 1.50
** receptor =B9+1 (sensitive receptor: T2)
DISCCART 407365.137955997 3759080.33007179 454.60 1.50
** receptor =B10+1 (sensitive receptor: T3)
DISCCART 407339.781984787 3759067.38270719 459.10 1.50
** receptor =B11+1 (sensitive receptor: T4)
DISCCART 407316.602916471 3759058.85444309 463.60 1.50
** receptor =B12+1 (sensitive receptor: T5)
DISCCART 407283.190755383 3759053.07561936 473.50 1.50
** receptor =B13+1 (sensitive receptor: T6)
DISCCART 407252.936752661 3759048.82648426 475.60 1.50
** receptor =B14+1 (sensitive receptor: T7)
DISCCART 407225.675991418 3759048.53654327 475.60 1.50
** receptor =B15+1 (sensitive receptor: T8)
DISCCART 407196.955715735 3759049.9262604 471.40 1.50
** receptor =B16+1 (sensitive receptor: T9)
DISCCART 407179.012758547 3759047.99665316 465.50 1.50
** receptor =B17+1 (sensitive receptor: T10)
DISCCART 407162.817920349 3759027.3108637 462.40 1.50
** receptor =B18+1 (sensitive receptor: T11)
DISCCART 407144.116345486 3759003.98561149 454.10 1.50
** receptor =B19+1 (sensitive receptor: T12)
DISCCART 407126.461992848 3758984.74952693 443.30 1.50
** receptor =B20+1 (sensitive receptor: T13)
DISCCART 407105.781415354 3758967.54302927 438.30 1.50
** receptor =B21+1 (sensitive receptor: T14)
DISCCART 407088.160046093 3758951.85622227 437.90 1.50
** receptor =B22+1 (sensitive receptor: T15)
DISCCART 407069.524437984 3758935.17961675 437.10 1.50
** receptor =B23+1 (sensitive receptor: T16)

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Appendix B

PM 24 hour Emissions Mitigated

** DISCCART	407049.30562777	3758918.52300715	436.10	1.50
** receptor	=B24+1 (sensitive	receptor: T17)		
** DISCCART	407036.326668848	3758904.9057789	432.80	1.50
** receptor	=B25+1 (sensitive	receptor: T18)		
** DISCCART	407039.682727476	3758879.36097847	436.20	1.50
** receptor	=B26+1 (sensitive	receptor: T19)		
** DISCCART	407046.642220062	3758854.23609257	429.40	1.50
** receptor	=B27+1 (sensitive	receptor: T20)		
** DISCCART	407052.496769513	3758829.11120666	426.40	1.50
** receptor	=B28+1 (sensitive	receptor: T21)		
** DISCCART	407055.861073985	3758804.57620069	422.10	1.50
** receptor	=B29+1 (sensitive	receptor: T22)		
** DISCCART	407059.233624302	3758781.58088132	416.60	1.50
** receptor	=B30+1 (sensitive	receptor: T23)		
** DISCCART	407066.250837798	3758771.76287975	414.60	1.50
** receptor	=B31+1 (sensitive	receptor: T24)		
** DISCCART	407073.952456371	3758765.02425138	410.50	1.50
** receptor	=B32+1 (sensitive	receptor: T25)		
** DISCCART	407083.138326917	3758759.39539712	407.30	1.50
** receptor	=B33+1 (sensitive	receptor: T26)		
** DISCCART	407094.377412692	3758756.73593844	406.70	1.50
** receptor	=B34+1 (sensitive	receptor: T27)		
** DISCCART	407109.327128401	3758764.23441215	408.90	1.50
** receptor	=B35+1 (sensitive	receptor: T28)		
** DISCCART	407134.58414948	3758776.74186629	408.20	1.50
** receptor	=B36+1 (sensitive	receptor: T29)		
** DISCCART	407157.820938706	3758790.81900093	411.00	1.50
** receptor	=B37+1 (sensitive	receptor: T30)		
** DISCCART	407181.601953656	3758803.33645304	415.10	1.50
** receptor	=B38+1 (sensitive	receptor: T31)		
** DISCCART	407205.374722761	3758815.86390311	418.10	1.50
** receptor	=B39+1 (sensitive	receptor: T32)		
** DISCCART	407230.681218906	3758833.47031938	425.00	1.50
** receptor	=B40+1 (sensitive	receptor: T33)		
** DISCCART	407254.025204108	3758858.3052643	428.30	1.50
** receptor	=B41+1 (sensitive	receptor: T34)		
** DISCCART	407272.693795594	3758877.52135292	428.60	1.50
** receptor	2001 (sensitive	receptor: C1)		
** DISCCART	405962.503349551	3758512.50565081	301.80	1.50
** receptor	=B43+1 (sensitive	receptor: C2)		
** DISCCART	405962.503349551	3758487.50074049	298.50	1.50
** receptor	=B44+1 (sensitive	receptor: C3)		
** DISCCART	405962.503349551	3758462.50582813	298.50	1.50
** receptor	=B45+1 (sensitive	receptor: C4)		
** DISCCART	405962.503349551	3758437.50091781	298.50	1.50
** receptor	=B46+1 (sensitive	receptor: C5)		
** DISCCART	405962.503349551	3758412.50600545	296.10	1.50
** receptor	=B47+1 (sensitive	receptor: C6)		
** DISCCART	405962.503349551	3758387.50109513	296.10	1.50
** receptor	=B48+1 (sensitive	receptor: C7)		
** DISCCART	405962.503349551	3758362.50618277	295.20	1.50
** receptor	=B49+1 (sensitive	receptor: C8)		
** DISCCART	405962.503349551	3758337.50127244	295.20	1.50
** receptor	=B50+1 (sensitive	receptor: C9)		
** DISCCART	405962.503349551	3758312.50636009	295.20	1.50
** receptor	=B51+1 (sensitive	receptor: C10)		
** DISCCART	405962.503349551	3758287.50144976	295.20	1.50
** receptor	=B52+1 (sensitive	receptor: C11)		
** DISCCART	405962.503349551	3758262.50653741	295.20	1.50
** receptor	=B53+1 (sensitive	receptor: C12)		
** DISCCART	405962.503349551	3758237.50162708	292.80	1.50
** receptor	=B54+1 (sensitive	receptor: C13)		
** DISCCART	405962.503349551	3758212.50671473	292.40	1.50
** receptor	=B55+1 (sensitive	receptor: C14)		
** DISCCART	405962.503349551	3758187.5018044	291.90	1.50
** receptor	=B56+1 (sensitive	receptor: C15)		
** DISCCART	405962.503349551	3758162.50689204	291.90	1.50
** receptor	=B57+1 (sensitive	receptor: C16)		
** DISCCART	405962.503349551	3758137.50198172	289.60	1.50
** receptor	=B58+1 (sensitive	receptor: C17)		
** DISCCART	405987.496503612	3758512.50565081	304.30	1.50
** receptor	=B59+1 (sensitive	receptor: C18)		
** DISCCART	405987.496503612	3758487.50074049	301.80	1.50
** receptor	=B60+1 (sensitive	receptor: C19)		
** DISCCART	405987.496503612	3758462.50582813	299.70	1.50
** receptor	=B61+1 (sensitive	receptor: C20)		

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** DISCCART	405987.496503612	3758437.50091781	298.50	1.50
** receptor	=B62+1 (sensitive	receptor: C21)		
** DISCCART	405987.496503612	3758412.50600545	298.50	1.50
** receptor	=B63+1 (sensitive	receptor: C22)		
** DISCCART	405987.496503612	3758387.50109513	298.50	1.50
** receptor	=B64+1 (sensitive	receptor: C23)		
** DISCCART	405987.496503612	3758362.50618277	298.50	1.50
** receptor	=B65+1 (sensitive	receptor: C24)		
** DISCCART	405987.496503612	3758337.50127244	298.50	1.50
** receptor	=B66+1 (sensitive	receptor: C25)		
** DISCCART	405987.496503612	3758312.50636009	298.50	1.50
** receptor	=B67+1 (sensitive	receptor: C26)		
** DISCCART	405987.496503612	3758287.50144976	298.50	1.50
** receptor	=B68+1 (sensitive	receptor: C27)		
** DISCCART	405987.496503612	3758262.50653741	297.80	1.50
** receptor	=B69+1 (sensitive	receptor: C28)		
** DISCCART	405987.496503612	3758237.50162708	295.20	1.50
** receptor	=B70+1 (sensitive	receptor: C29)		
** DISCCART	405987.496503612	3758212.50671473	295.20	1.50
** receptor	=B71+1 (sensitive	receptor: C30)		
** DISCCART	405987.496503612	3758187.5018044	294.50	1.50
** receptor	=B72+1 (sensitive	receptor: C31)		
** DISCCART	405987.496503612	3758162.50689204	293.10	1.50
** receptor	=B73+1 (sensitive	receptor: C32)		
** DISCCART	405987.496503612	3758137.50198172	291.90	1.50
** receptor	=B74+1 (sensitive	receptor: C33)		
** DISCCART	406012.497903518	3758512.50565081	305.50	1.50
** receptor	=B75+1 (sensitive	receptor: C34)		
** DISCCART	406012.497903518	3758487.50074049	305.00	1.50
** receptor	=B76+1 (sensitive	receptor: C35)		
** DISCCART	406012.497903518	3758462.50582813	302.20	1.50
** receptor	=B77+1 (sensitive	receptor: C36)		
** DISCCART	406012.497903518	3758437.50091781	301.80	1.50
** receptor	=B78+1 (sensitive	receptor: C37)		
** DISCCART	406012.497903518	3758412.50600545	301.80	1.50
** receptor	=B79+1 (sensitive	receptor: C38)		
** DISCCART	406012.497903518	3758387.50109513	299.40	1.50
** receptor	=B80+1 (sensitive	receptor: C39)		
** DISCCART	406012.497903518	3758362.50618277	299.40	1.50
** receptor	=B81+1 (sensitive	receptor: C40)		
** DISCCART	406012.497903518	3758337.50127244	299.50	1.50
** receptor	=B82+1 (sensitive	receptor: C41)		
** DISCCART	406012.497903518	3758312.50636009	300.50	1.50
** receptor	=B83+1 (sensitive	receptor: C42)		
** DISCCART	406012.497903518	3758287.50144976	299.40	1.50
** receptor	=B84+1 (sensitive	receptor: C43)		
** DISCCART	406012.497903518	3758262.50653741	298.50	1.50
** receptor	=B85+1 (sensitive	receptor: C44)		
** DISCCART	406012.497903518	3758237.50162708	298.50	1.50
** receptor	=B86+1 (sensitive	receptor: C45)		
** DISCCART	406012.497903518	3758212.50671473	298.50	1.50
** receptor	=B87+1 (sensitive	receptor: C46)		
** DISCCART	406012.497903518	3758187.5018044	296.10	1.50
** receptor	=B88+1 (sensitive	receptor: C47)		
** DISCCART	406012.497903518	3758162.50689204	295.20	1.50
** receptor	=B89+1 (sensitive	receptor: C48)		
** DISCCART	406012.497903518	3758137.50198172	295.20	1.50
** receptor	=B90+1 (sensitive	receptor: C49)		
** DISCCART	406037.499303424	3758512.50565081	308.30	1.50
** receptor	=B91+1 (sensitive	receptor: C50)		
** DISCCART	406037.499303424	3758487.50074049	307.50	1.50
** receptor	=B92+1 (sensitive	receptor: C51)		
** DISCCART	406037.499303424	3758462.50582813	305.00	1.50
** receptor	=B93+1 (sensitive	receptor: C52)		
** DISCCART	406037.499303424	3758437.50091781	305.00	1.50
** receptor	=B94+1 (sensitive	receptor: C53)		
** DISCCART	406037.499303424	3758412.50600545	304.30	1.50
** receptor	=B95+1 (sensitive	receptor: C54)		
** DISCCART	406037.499303424	3758387.50109513	301.80	1.50
** receptor	=B96+1 (sensitive	receptor: C55)		
** DISCCART	406037.499303424	3758362.50618277	301.80	1.50
** receptor	=B97+1 (sensitive	receptor: C56)		
** DISCCART	406037.499303424	3758337.50127244	301.80	1.50
** receptor	=B98+1 (sensitive	receptor: C57)		
** DISCCART	406037.499303424	3758312.50636009	301.80	1.50
** receptor	=B99+1 (sensitive	receptor: C58)		

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** DISCCART	406037.499303424	3758287.50144976	301.80	1.50
** receptor	=B100+1 (sensitive receptor: C59)			
** DISCCART	406037.499303424	3758262.50653741	301.80	1.50
** receptor	=B101+1 (sensitive receptor: C60)			
** DISCCART	406037.499303424	3758237.50162708	301.00	1.50
** receptor	=B102+1 (sensitive receptor: C61)			
** DISCCART	406037.499303424	3758212.50671473	298.50	1.50
** receptor	=B103+1 (sensitive receptor: C62)			
** DISCCART	406037.499303424	3758187.5018044	298.50	1.50
** receptor	=B104+1 (sensitive receptor: C63)			
** DISCCART	406037.499303424	3758162.50689204	298.50	1.50
** receptor	=B105+1 (sensitive receptor: C64)			
** DISCCART	406037.499303424	3758137.50198172	298.50	1.50
** receptor	=B106+1 (sensitive receptor: C65)			
** DISCCART	406062.500703329	3758512.50565081	311.60	1.50
** receptor	=B107+1 (sensitive receptor: C66)			
** DISCCART	406062.500703329	3758487.50074049	309.20	1.50
** receptor	=B108+1 (sensitive receptor: C67)			
** DISCCART	406062.500703329	3758462.50582813	308.30	1.50
** receptor	=B109+1 (sensitive receptor: C68)			
** DISCCART	406062.500703329	3758437.50091781	306.00	1.50
** receptor	=B110+1 (sensitive receptor: C69)			
** DISCCART	406062.500703329	3758412.50600545	305.50	1.50
** receptor	=B111+1 (sensitive receptor: C70)			
** DISCCART	406062.500703329	3758387.50109513	305.00	1.50
** receptor	=B112+1 (sensitive receptor: C71)			
** DISCCART	406062.500703329	3758362.50618277	305.00	1.50
** receptor	=B113+1 (sensitive receptor: C72)			
** DISCCART	406062.500703329	3758337.50127244	305.00	1.50
** receptor	=B114+1 (sensitive receptor: C73)			
** DISCCART	406062.500703329	3758312.50636009	305.00	1.50
** receptor	=B115+1 (sensitive receptor: C74)			
** DISCCART	406062.500703329	3758287.50144976	305.00	1.50
** receptor	=B116+1 (sensitive receptor: C75)			
** DISCCART	406062.500703329	3758262.50653741	303.80	1.50
** receptor	=B117+1 (sensitive receptor: C76)			
** DISCCART	406062.500703329	3758237.50162708	302.70	1.50
** receptor	=B118+1 (sensitive receptor: C77)			
** DISCCART	406062.500703329	3758212.50671473	301.80	1.50
** receptor	=B119+1 (sensitive receptor: C78)			
** DISCCART	406062.500703329	3758187.5018044	299.40	1.50
** receptor	=B120+1 (sensitive receptor: C79)			
** DISCCART	406062.500703329	3758162.50689204	298.90	1.50
** receptor	=B121+1 (sensitive receptor: C80)			
** DISCCART	406062.500703329	3758137.50198172	299.40	1.50
** receptor	=B122+1 (sensitive receptor: C81)			
** DISCCART	406087.502103235	3758512.50565081	311.60	1.50
** receptor	=B123+1 (sensitive receptor: C82)			
** DISCCART	406087.502103235	3758487.50074049	311.60	1.50
** receptor	=B124+1 (sensitive receptor: C83)			
** DISCCART	406087.502103235	3758462.50582813	311.20	1.50
** receptor	=B125+1 (sensitive receptor: C84)			
** DISCCART	406087.502103235	3758437.50091781	308.30	1.50
** receptor	=B126+1 (sensitive receptor: C85)			
** DISCCART	406087.502103235	3758412.50600545	308.30	1.50
** receptor	=B127+1 (sensitive receptor: C86)			
** DISCCART	406087.502103235	3758387.50109513	308.30	1.50
** receptor	=B128+1 (sensitive receptor: C87)			
** DISCCART	406087.502103235	3758362.50618277	308.30	1.50
** receptor	=B129+1 (sensitive receptor: C88)			
** DISCCART	406087.502103235	3758337.50127244	307.60	1.50
** receptor	=B130+1 (sensitive receptor: C89)			
** DISCCART	406087.502103235	3758312.50636009	307.60	1.50
** receptor	=B131+1 (sensitive receptor: C90)			
** DISCCART	406087.502103235	3758287.50144976	307.50	1.50
** receptor	=B132+1 (sensitive receptor: C91)			
** DISCCART	406087.502103235	3758262.50653741	305.00	1.50
** receptor	=B133+1 (sensitive receptor: C92)			
** DISCCART	406087.502103235	3758237.50162708	305.00	1.50
** receptor	=B134+1 (sensitive receptor: C93)			
** DISCCART	406087.502103235	3758212.50671473	304.30	1.50
** receptor	=B135+1 (sensitive receptor: C94)			
** DISCCART	406087.502103235	3758187.5018044	301.80	1.50
** receptor	=B136+1 (sensitive receptor: C95)			
** DISCCART	406087.502103235	3758162.50689204	301.80	1.50
** receptor	=B137+1 (sensitive receptor: C96)			

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** DISCCART	406087.502103235	3758137.50198172	301.80	1.50
** receptor	=B138+1 (sensitive receptor: C97)			
** DISCCART	406112.495257296	3758512.50565081	314.90	1.50
** receptor	=B139+1 (sensitive receptor: C98)			
** DISCCART	406112.495257296	3758487.50074049	314.80	1.50
** receptor	=B140+1 (sensitive receptor: C99)			
** DISCCART	406112.495257296	3758462.50582813	312.00	1.50
** receptor	=B141+1 (sensitive receptor: C100)			
** DISCCART	406112.495257296	3758437.50091781	311.60	1.50
** receptor	=B142+1 (sensitive receptor: C101)			
** DISCCART	406112.495257296	3758412.50600545	311.60	1.50
** receptor	=B143+1 (sensitive receptor: C102)			
** DISCCART	406112.495257296	3758387.50109513	309.20	1.50
** receptor	=B144+1 (sensitive receptor: C103)			
** DISCCART	406112.495257296	3758362.50618277	309.20	1.50
** receptor	=B145+1 (sensitive receptor: C104)			
** DISCCART	406112.495257296	3758337.50127244	309.20	1.50
** receptor	=B146+1 (sensitive receptor: C105)			
** DISCCART	406112.495257296	3758312.50636009	308.30	1.50
** receptor	=B147+1 (sensitive receptor: C106)			
** DISCCART	406112.495257296	3758287.50144976	308.30	1.50
** receptor	=B148+1 (sensitive receptor: C107)			
** DISCCART	406112.495257296	3758262.50653741	308.30	1.50
** receptor	=B149+1 (sensitive receptor: C108)			
** DISCCART	406112.495257296	3758237.50162708	308.30	1.50
** receptor	=B150+1 (sensitive receptor: C109)			
** DISCCART	406112.495257296	3758212.50671473	306.00	1.50
** receptor	=B151+1 (sensitive receptor: C110)			
** DISCCART	406112.495257296	3758187.5018044	306.00	1.50
** receptor	=B152+1 (sensitive receptor: C111)			
** DISCCART	406112.495257296	3758162.50689204	305.00	1.50
** receptor	=B153+1 (sensitive receptor: C112)			
** DISCCART	406112.495257296	3758137.50198172	305.00	1.50
** receptor	=B154+1 (sensitive receptor: C113)			
** DISCCART	406137.496657202	3758512.50565081	318.20	1.50
** receptor	=B155+1 (sensitive receptor: C114)			
** DISCCART	406137.496657202	3758487.50074049	314.90	1.50
** receptor	=B156+1 (sensitive receptor: C115)			
** DISCCART	406137.496657202	3758462.50582813	314.90	1.50
** receptor	=B157+1 (sensitive receptor: C116)			
** DISCCART	406137.496657202	3758437.50091781	314.10	1.50
** receptor	=B158+1 (sensitive receptor: C117)			
** DISCCART	406137.496657202	3758412.50600545	311.60	1.50
** receptor	=B159+1 (sensitive receptor: C118)			
** DISCCART	406137.496657202	3758387.50109513	311.60	1.50
** receptor	=B160+1 (sensitive receptor: C119)			
** DISCCART	406137.496657202	3758362.50618277	311.60	1.50
** receptor	=B161+1 (sensitive receptor: C120)			
** DISCCART	406137.496657202	3758337.50127244	311.60	1.50
** receptor	=B162+1 (sensitive receptor: C121)			
** DISCCART	406137.496657202	3758312.50636009	311.60	1.50
** receptor	=B163+1 (sensitive receptor: C122)			
** DISCCART	406137.496657202	3758287.50144976	311.60	1.50
** receptor	=B164+1 (sensitive receptor: C123)			
** DISCCART	406137.496657202	3758262.50653741	310.90	1.50
** receptor	=B165+1 (sensitive receptor: C124)			
** DISCCART	406137.496657202	3758237.50162708	310.90	1.50
** receptor	=B166+1 (sensitive receptor: C125)			
** DISCCART	406137.496657202	3758212.50671473	309.50	1.50
** receptor	=B167+1 (sensitive receptor: C126)			
** DISCCART	406137.496657202	3758187.5018044	308.30	1.50
** receptor	=B168+1 (sensitive receptor: C127)			
** DISCCART	406137.496657202	3758162.50689204	308.30	1.50
** receptor	=B169+1 (sensitive receptor: C128)			
** DISCCART	406137.496657202	3758137.50198172	308.30	1.50
** receptor	=B170+1 (sensitive receptor: C129)			
** DISCCART	406162.498057107	3758512.50565081	320.20	1.50
** receptor	=B171+1 (sensitive receptor: C130)			
** DISCCART	406162.498057107	3758487.50074049	318.20	1.50
** receptor	=B172+1 (sensitive receptor: C131)			
** DISCCART	406162.498057107	3758462.50582813	316.90	1.50
** receptor	=B173+1 (sensitive receptor: C132)			
** DISCCART	406162.498057107	3758437.50091781	314.90	1.50
** receptor	=B174+1 (sensitive receptor: C133)			
** DISCCART	406162.498057107	3758412.50600545	314.90	1.50
** receptor	=B175+1 (sensitive receptor: C134)			

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** receptor	DISCCART 406162.498057107 3758387.50109513	314.90	1.50
** receptor	=B176+1 (sensitive receptor: C135)		
** receptor	DISCCART 406162.498057107 3758362.50618277	312.50	1.50
** receptor	=B177+1 (sensitive receptor: C136)		
** receptor	DISCCART 406162.498057107 3758337.50127244	312.50	1.50
** receptor	=B178+1 (sensitive receptor: C137)		
** receptor	DISCCART 406162.498057107 3758312.50636009	312.00	1.50
** receptor	=B179+1 (sensitive receptor: C138)		
** receptor	DISCCART 406162.498057107 3758287.50144976	311.60	1.50
** receptor	=B180+1 (sensitive receptor: C139)		
** receptor	DISCCART 406162.498057107 3758262.50653741	311.60	1.50
** receptor	=B181+1 (sensitive receptor: C140)		
** receptor	DISCCART 406162.498057107 3758237.50162708	311.60	1.50
** receptor	=B182+1 (sensitive receptor: C141)		
** receptor	DISCCART 406162.498057107 3758212.50671473	311.60	1.50
** receptor	=B183+1 (sensitive receptor: C142)		
** receptor	DISCCART 406162.498057107 3758187.5018044	311.60	1.50
** receptor	=B184+1 (sensitive receptor: C143)		
** receptor	DISCCART 406162.498057107 3758162.50689204	311.60	1.50
** receptor	=B185+1 (sensitive receptor: C144)		
** receptor	DISCCART 406162.498057107 3758137.50198172	311.60	1.50
** receptor	=B186+1 (sensitive receptor: C145)		
** receptor	DISCCART 406187.499457013 3758512.50565081	321.40	1.50
** receptor	=B187+1 (sensitive receptor: C146)		
** receptor	DISCCART 406187.499457013 3758487.50074049	320.70	1.50
** receptor	=B188+1 (sensitive receptor: C147)		
** receptor	DISCCART 406187.499457013 3758462.50582813	318.20	1.50
** receptor	=B189+1 (sensitive receptor: C148)		
** receptor	DISCCART 406187.499457013 3758437.50091781	318.20	1.50
** receptor	=B190+1 (sensitive receptor: C149)		
** receptor	DISCCART 406187.499457013 3758412.50600545	317.80	1.50
** receptor	=B191+1 (sensitive receptor: C150)		
** receptor	DISCCART 406187.499457013 3758387.50109513	317.40	1.50
** receptor	=B192+1 (sensitive receptor: C151)		
** receptor	DISCCART 406187.499457013 3758362.50618277	314.90	1.50
** receptor	=B193+1 (sensitive receptor: C152)		
** receptor	DISCCART 406187.499457013 3758337.50127244	314.90	1.50
** receptor	=B194+1 (sensitive receptor: C153)		
** receptor	DISCCART 406187.499457013 3758312.50636009	314.90	1.50
** receptor	=B195+1 (sensitive receptor: C154)		
** receptor	DISCCART 406187.499457013 3758287.50144976	314.90	1.50
** receptor	=B196+1 (sensitive receptor: C155)		
** receptor	DISCCART 406187.499457013 3758262.50653741	314.90	1.50
** receptor	=B197+1 (sensitive receptor: C156)		
** receptor	DISCCART 406187.499457013 3758237.50162708	314.90	1.50
** receptor	=B198+1 (sensitive receptor: C157)		
** receptor	DISCCART 406187.499457013 3758212.50671473	314.90	1.50
** receptor	=B199+1 (sensitive receptor: C158)		
** receptor	DISCCART 406187.499457013 3758187.5018044	314.90	1.50
** receptor	=B200+1 (sensitive receptor: C159)		
** receptor	DISCCART 406187.499457013 3758162.50689204	314.20	1.50
** receptor	=B201+1 (sensitive receptor: C160)		
** receptor	DISCCART 406187.499457013 3758137.50198172	311.60	1.50
** receptor	=B202+1 (sensitive receptor: C161)		
** receptor	DISCCART 406212.500856919 3758512.50565081	324.70	1.50
** receptor	=B203+1 (sensitive receptor: C162)		
** receptor	DISCCART 406212.500856919 3758487.50074049	322.40	1.50
** receptor	=B204+1 (sensitive receptor: C163)		
** receptor	DISCCART 406212.500856919 3758462.50582813	321.40	1.50
** receptor	=B205+1 (sensitive receptor: C164)		
** receptor	DISCCART 406212.500856919 3758437.50091781	321.40	1.50
** receptor	=B206+1 (sensitive receptor: C165)		
** receptor	DISCCART 406212.500856919 3758412.50600545	319.10	1.50
** receptor	=B207+1 (sensitive receptor: C166)		
** receptor	DISCCART 406212.500856919 3758387.50109513	318.20	1.50
** receptor	=B208+1 (sensitive receptor: C167)		
** receptor	DISCCART 406212.500856919 3758362.50618277	319.10	1.50
** receptor	=B209+1 (sensitive receptor: C168)		
** receptor	DISCCART 406212.500856919 3758337.50127244	318.20	1.50
** receptor	=B210+1 (sensitive receptor: C169)		
** receptor	DISCCART 406212.500856919 3758312.50636009	318.20	1.50
** receptor	=B211+1 (sensitive receptor: C170)		
** receptor	DISCCART 406212.500856919 3758287.50144976	318.20	1.50
** receptor	=B212+1 (sensitive receptor: C171)		
** receptor	DISCCART 406212.500856919 3758262.50653741	318.20	1.50
** receptor	=B213+1 (sensitive receptor: C172)		

Appendix B

PM 24 hour Emissions Mitigated

** receptor	DISCCART	406212.500856919	3758237.50162708	318.20	1.50
** receptor	=B214+1 (sensitive receptor: C173)				
** receptor	DISCCART	406212.500856919	3758212.50671473	318.20	1.50
** receptor	=B215+1 (sensitive receptor: C174)				
** receptor	DISCCART	406212.500856919	3758187.5018044	318.20	1.50
** receptor	=B216+1 (sensitive receptor: C175)				
** receptor	DISCCART	406212.500856919	3758162.50689204	316.90	1.50
** receptor	=B217+1 (sensitive receptor: C176)				
** receptor	DISCCART	406212.500856919	3758137.50198172	314.90	1.50
** receptor	=B218+1 (sensitive receptor: C177)				
** receptor	DISCCART	406237.502256824	3758512.50565081	329.20	1.50
** receptor	=B219+1 (sensitive receptor: C178)				
** receptor	DISCCART	406237.502256824	3758487.50074049	327.30	1.50
** receptor	=B220+1 (sensitive receptor: C179)				
** receptor	DISCCART	406237.502256824	3758462.50582813	324.70	1.50
** receptor	=B221+1 (sensitive receptor: C180)				
** receptor	DISCCART	406237.502256824	3758437.50091781	323.90	1.50
** receptor	=B222+1 (sensitive receptor: C181)				
** receptor	DISCCART	406237.502256824	3758412.50600545	321.40	1.50
** receptor	=B223+1 (sensitive receptor: C182)				
** receptor	DISCCART	406237.502256824	3758387.50109513	321.40	1.50
** receptor	=B224+1 (sensitive receptor: C183)				
** receptor	DISCCART	406237.502256824	3758362.50618277	321.40	1.50
** receptor	=B225+1 (sensitive receptor: C184)				
** receptor	DISCCART	406237.502256824	3758337.50127244	320.70	1.50
** receptor	=B226+1 (sensitive receptor: C185)				
** receptor	DISCCART	406237.502256824	3758312.50636009	320.70	1.50
** receptor	=B227+1 (sensitive receptor: C186)				
** receptor	DISCCART	406237.502256824	3758287.50144976	320.70	1.50
** receptor	=B228+1 (sensitive receptor: C187)				
** receptor	DISCCART	406237.502256824	3758262.50653741	320.70	1.50
** receptor	=B229+1 (sensitive receptor: C188)				
** receptor	DISCCART	406237.502256824	3758237.50162708	320.70	1.50
** receptor	=B230+1 (sensitive receptor: C189)				
** receptor	DISCCART	406237.502256824	3758212.50671473	321.40	1.50
** receptor	=B231+1 (sensitive receptor: C190)				
** receptor	DISCCART	406237.502256824	3758187.5018044	321.40	1.50
** receptor	=B232+1 (sensitive receptor: C191)				
** receptor	DISCCART	406237.502256824	3758162.50689204	318.20	1.50
** receptor	=B233+1 (sensitive receptor: C192)				
** receptor	DISCCART	406237.502256824	3758137.50198172	318.10	1.50
** receptor	=B234+1 (sensitive receptor: C193)				
** receptor	DISCCART	406262.495410886	3758512.50565081	333.30	1.50
** receptor	=B235+1 (sensitive receptor: C194)				
** receptor	DISCCART	406262.495410886	3758487.50074049	331.30	1.50
** receptor	=B236+1 (sensitive receptor: C195)				
** receptor	DISCCART	406262.495410886	3758462.50582813	328.90	1.50
** receptor	=B237+1 (sensitive receptor: C196)				
** receptor	DISCCART	406262.495410886	3758437.50091781	327.90	1.50
** receptor	=B238+1 (sensitive receptor: C197)				
** receptor	DISCCART	406262.495410886	3758412.50600545	325.20	1.50
** receptor	=B239+1 (sensitive receptor: C198)				
** receptor	DISCCART	406262.495410886	3758387.50109513	324.70	1.50
** receptor	=B240+1 (sensitive receptor: C199)				
** receptor	DISCCART	406262.495410886	3758362.50618277	324.70	1.50
** receptor	=B241+1 (sensitive receptor: C200)				
** receptor	DISCCART	406262.495410886	3758337.50127244	322.40	1.50
** receptor	=B242+1 (sensitive receptor: C201)				
** receptor	DISCCART	406262.495410886	3758312.50636009	321.40	1.50
** receptor	=B243+1 (sensitive receptor: C202)				
** receptor	DISCCART	406262.495410886	3758287.50144976	321.40	1.50
** receptor	=B244+1 (sensitive receptor: C203)				
** receptor	DISCCART	406262.495410886	3758262.50653741	321.90	1.50
** receptor	=B245+1 (sensitive receptor: C204)				
** receptor	DISCCART	406262.495410886	3758237.50162708	322.40	1.50
** receptor	=B246+1 (sensitive receptor: C205)				
** receptor	DISCCART	406262.495410886	3758212.50671473	321.40	1.50
** receptor	=B247+1 (sensitive receptor: C206)				
** receptor	DISCCART	406262.495410886	3758187.5018044	321.40	1.50
** receptor	=B248+1 (sensitive receptor: C207)				
** receptor	DISCCART	406262.495410886	3758162.50689204	321.40	1.50
** receptor	=B249+1 (sensitive receptor: C208)				
** receptor	DISCCART	406262.495410886	3758137.50198172	318.20	1.50
** receptor	=B250+1 (sensitive receptor: C209)				
** receptor	DISCCART	406287.496810791	3758512.50565081	335.80	1.50
** receptor	=B251+1 (sensitive receptor: C210)				

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** DISCCART	406287.496810791	3758487.50074049	334.50	1.50
** receptor	=B252+1 (sensitive receptor: C211)			
** DISCCART	406287.496810791	3758462.50582813	332.50	1.50
** receptor	=B253+1 (sensitive receptor: C212)			
** DISCCART	406287.496810791	3758437.50091781	330.60	1.50
** receptor	=B254+1 (sensitive receptor: C213)			
** DISCCART	406287.496810791	3758412.50600545	329.20	1.50
** receptor	=B255+1 (sensitive receptor: C214)			
** DISCCART	406287.496810791	3758387.50109513	328.00	1.50
** receptor	=B256+1 (sensitive receptor: C215)			
** DISCCART	406287.496810791	3758362.50618277	327.60	1.50
** receptor	=B257+1 (sensitive receptor: C216)			
** DISCCART	406287.496810791	3758337.50127244	327.20	1.50
** receptor	=B258+1 (sensitive receptor: C217)			
** DISCCART	406287.496810791	3758312.50636009	324.70	1.50
** receptor	=B259+1 (sensitive receptor: C218)			
** DISCCART	406287.496810791	3758287.50144976	324.70	1.50
** receptor	=B260+1 (sensitive receptor: C219)			
** DISCCART	406287.496810791	3758262.50653741	324.70	1.50
** receptor	=B261+1 (sensitive receptor: C220)			
** DISCCART	406287.496810791	3758237.50162708	324.70	1.50
** receptor	=B262+1 (sensitive receptor: C221)			
** DISCCART	406287.496810791	3758212.50671473	324.70	1.50
** receptor	=B263+1 (sensitive receptor: C222)			
** DISCCART	406287.496810791	3758187.5018044	321.40	1.50
** receptor	=B264+1 (sensitive receptor: C223)			
** DISCCART	406287.496810791	3758162.50689204	321.40	1.50
** receptor	=B265+1 (sensitive receptor: C224)			
** DISCCART	406287.496810791	3758137.50198172	321.40	1.50
** receptor	=B266+1 (sensitive receptor: C225)			
** DISCCART	406312.498210697	3758512.50565081	338.30	1.50
** receptor	=B267+1 (sensitive receptor: C226)			
** DISCCART	406312.498210697	3758487.50074049	335.50	1.50
** receptor	=B268+1 (sensitive receptor: C227)			
** DISCCART	406312.498210697	3758462.50582813	334.60	1.50
** receptor	=B269+1 (sensitive receptor: C228)			
** DISCCART	406312.498210697	3758437.50091781	334.60	1.50
** receptor	=B270+1 (sensitive receptor: C229)			
** DISCCART	406312.498210697	3758412.50600545	332.20	1.50
** receptor	=B271+1 (sensitive receptor: C230)			
** DISCCART	406312.498210697	3758387.50109513	331.30	1.50
** receptor	=B272+1 (sensitive receptor: C231)			
** DISCCART	406312.498210697	3758362.50618277	331.30	1.50
** receptor	=B273+1 (sensitive receptor: C232)			
** DISCCART	406312.498210697	3758337.50127244	328.90	1.50
** receptor	=B274+1 (sensitive receptor: C233)			
** DISCCART	406312.498210697	3758312.50636009	328.00	1.50
** receptor	=B275+1 (sensitive receptor: C234)			
** DISCCART	406312.498210697	3758287.50144976	328.00	1.50
** receptor	=B276+1 (sensitive receptor: C235)			
** DISCCART	406312.498210697	3758262.50653741	328.00	1.50
** receptor	=B277+1 (sensitive receptor: C236)			
** DISCCART	406312.498210697	3758237.50162708	328.00	1.50
** receptor	=B278+1 (sensitive receptor: C237)			
** DISCCART	406312.498210697	3758212.50671473	325.20	1.50
** receptor	=B279+1 (sensitive receptor: C238)			
** DISCCART	406312.498210697	3758187.5018044	324.70	1.50
** receptor	=B280+1 (sensitive receptor: C239)			
** DISCCART	406312.498210697	3758162.50689204	322.40	1.50
** receptor	=B281+1 (sensitive receptor: C240)			
** DISCCART	406312.498210697	3758137.50198172	321.40	1.50
** receptor	=B282+1 (sensitive receptor: C241)			
** DISCCART	406337.499610602	3758512.50565081	341.10	1.50
** receptor	=B283+1 (sensitive receptor: C242)			
** DISCCART	406337.499610602	3758487.50074049	337.80	1.50
** receptor	=B284+1 (sensitive receptor: C243)			
** DISCCART	406337.499610602	3758462.50582813	337.50	1.50
** receptor	=B285+1 (sensitive receptor: C244)			
** DISCCART	406337.499610602	3758437.50091781	337.10	1.50
** receptor	=B286+1 (sensitive receptor: C245)			
** DISCCART	406337.499610602	3758412.50600545	334.60	1.50
** receptor	=B287+1 (sensitive receptor: C246)			
** DISCCART	406337.499610602	3758387.50109513	334.60	1.50
** receptor	=B288+1 (sensitive receptor: C247)			
** DISCCART	406337.499610602	3758362.50618277	334.20	1.50
** receptor	=B289+1 (sensitive receptor: C248)			

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** DISCCART	406337.499610602	3758337.50127244	331.30	1.50
** receptor	=B290+1 (sensitive receptor: C249)			
** DISCCART	406337.499610602	3758312.50636009	331.30	1.50
** receptor	=B291+1 (sensitive receptor: C250)			
** DISCCART	406337.499610602	3758287.50144976	328.00	1.50
** receptor	=B292+1 (sensitive receptor: C251)			
** DISCCART	406337.499610602	3758262.50653741	328.00	1.50
** receptor	=B293+1 (sensitive receptor: C252)			
** DISCCART	406337.499610602	3758237.50162708	328.00	1.50
** receptor	=B294+1 (sensitive receptor: C253)			
** DISCCART	406337.499610602	3758212.50671473	326.30	1.50
** receptor	=B295+1 (sensitive receptor: C254)			
** DISCCART	406337.499610602	3758187.5018044	324.70	1.50
** receptor	=B296+1 (sensitive receptor: C255)			
** DISCCART	406337.499610602	3758162.50689204	324.70	1.50
** receptor	=B297+1 (sensitive receptor: C256)			
** DISCCART	406337.499610602	3758137.50198172	324.60	1.50
** receptor	=B298+1 (sensitive receptor: C257)			
** DISCCART	406362.501010508	3758512.50565081	343.20	1.50
** receptor	=B299+1 (sensitive receptor: C258)			
** DISCCART	406362.501010508	3758487.50074049	341.10	1.50
** receptor	=B300+1 (sensitive receptor: C259)			
** DISCCART	406362.501010508	3758462.50582813	341.10	1.50
** receptor	=B301+1 (sensitive receptor: C260)			
** DISCCART	406362.501010508	3758437.50091781	338.80	1.50
** receptor	=B302+1 (sensitive receptor: C261)			
** DISCCART	406362.501010508	3758412.50600545	338.30	1.50
** receptor	=B303+1 (sensitive receptor: C262)			
** DISCCART	406362.501010508	3758387.50109513	337.80	1.50
** receptor	=B304+1 (sensitive receptor: C263)			
** DISCCART	406362.501010508	3758362.50618277	334.60	1.50
** receptor	=B305+1 (sensitive receptor: C264)			
** DISCCART	406362.501010508	3758337.50127244	334.60	1.50
** receptor	=B306+1 (sensitive receptor: C265)			
** DISCCART	406362.501010508	3758312.50636009	334.60	1.50
** receptor	=B307+1 (sensitive receptor: C266)			
** DISCCART	406362.501010508	3758287.50144976	331.30	1.50
** receptor	=B308+1 (sensitive receptor: C267)			
** DISCCART	406362.501010508	3758262.50653741	331.30	1.50
** receptor	=B309+1 (sensitive receptor: C268)			
** DISCCART	406362.501010508	3758237.50162708	328.00	1.50
** receptor	=B310+1 (sensitive receptor: C269)			
** DISCCART	406362.501010508	3758212.50671473	325.80	1.50
** receptor	=B311+1 (sensitive receptor: C270)			
** DISCCART	406362.501010508	3758187.5018044	324.70	1.50
** receptor	=B312+1 (sensitive receptor: C271)			
** DISCCART	406362.501010508	3758162.50689204	324.20	1.50
** receptor	=B313+1 (sensitive receptor: C272)			
** DISCCART	406362.501010508	3758137.50198172	323.70	1.50
** receptor	=B314+1 (sensitive receptor: C273)			
** DISCCART	406387.502410414	3758512.50565081	344.40	1.50
** receptor	=B315+1 (sensitive receptor: C274)			
** DISCCART	406387.502410414	3758487.50074049	344.40	1.50
** receptor	=B316+1 (sensitive receptor: C275)			
** DISCCART	406387.502410414	3758462.50582813	343.70	1.50
** receptor	=B317+1 (sensitive receptor: C276)			
** DISCCART	406387.502410414	3758437.50091781	341.10	1.50
** receptor	=B318+1 (sensitive receptor: C277)			
** DISCCART	406387.502410414	3758412.50600545	341.10	1.50
** receptor	=B319+1 (sensitive receptor: C278)			
** DISCCART	406387.502410414	3758387.50109513	337.80	1.50
** receptor	=B320+1 (sensitive receptor: C279)			
** DISCCART	406387.502410414	3758362.50618277	337.80	1.50
** receptor	=B321+1 (sensitive receptor: C280)			
** DISCCART	406387.502410414	3758337.50127244	337.10	1.50
** receptor	=B322+1 (sensitive receptor: C281)			
** DISCCART	406387.502410414	3758312.50636009	334.60	1.50
** receptor	=B323+1 (sensitive receptor: C282)			
** DISCCART	406387.502410414	3758287.50144976	334.50	1.50
** receptor	=B324+1 (sensitive receptor: C283)			
** DISCCART	406387.502410414	3758262.50653741	331.30	1.50
** receptor	=B325+1 (sensitive receptor: C284)			
** DISCCART	406387.502410414	3758237.50162708	328.00	1.50
** receptor	=B326+1 (sensitive receptor: C285)			
** DISCCART	406387.502410414	3758212.50671473	324.70	1.50
** receptor	=B327+1 (sensitive receptor: C286)			

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** receptor	DISCCART	406387.502410414	3758187.5018044	322.20	1.50
** receptor	=B328+1 (sensitive receptor: C287)				
** receptor	DISCCART	406387.502410414	3758162.50689204	321.40	1.50
** receptor	=B329+1 (sensitive receptor: C288)				
** receptor	DISCCART	406387.502410414	3758137.50198172	321.40	1.50
** receptor	=B330+1 (sensitive receptor: C289)				
** receptor	DISCCART	406412.503810319	3758512.50565081	347.70	1.50
** receptor	=B331+1 (sensitive receptor: C290)				
** receptor	DISCCART	406412.503810319	3758487.50074049	344.40	1.50
** receptor	=B332+1 (sensitive receptor: C291)				
** receptor	DISCCART	406412.503810319	3758462.50582813	344.40	1.50
** receptor	=B333+1 (sensitive receptor: C292)				
** receptor	DISCCART	406412.503810319	3758437.50091781	344.40	1.50
** receptor	=B334+1 (sensitive receptor: C293)				
** receptor	DISCCART	406412.503810319	3758412.50600545	341.60	1.50
** receptor	=B335+1 (sensitive receptor: C294)				
** receptor	DISCCART	406412.503810319	3758387.50109513	341.10	1.50
** receptor	=B336+1 (sensitive receptor: C295)				
** receptor	DISCCART	406412.503810319	3758362.50618277	339.90	1.50
** receptor	=B337+1 (sensitive receptor: C296)				
** receptor	DISCCART	406412.503810319	3758337.50127244	337.80	1.50
** receptor	=B338+1 (sensitive receptor: C297)				
** receptor	DISCCART	406412.503810319	3758312.50636009	336.60	1.50
** receptor	=B339+1 (sensitive receptor: C298)				
** receptor	DISCCART	406412.503810319	3758287.50144976	334.60	1.50
** receptor	=B340+1 (sensitive receptor: C299)				
** receptor	DISCCART	406412.503810319	3758262.50653741	330.80	1.50
** receptor	=B341+1 (sensitive receptor: C300)				
** receptor	DISCCART	406412.503810319	3758237.50162708	324.70	1.50
** receptor	=B342+1 (sensitive receptor: C301)				
** receptor	DISCCART	406412.503810319	3758212.50671473	322.60	1.50
** receptor	=B343+1 (sensitive receptor: C302)				
** receptor	DISCCART	406412.503810319	3758187.5018044	321.40	1.50
** receptor	=B344+1 (sensitive receptor: C303)				
** receptor	DISCCART	406412.503810319	3758162.50689204	321.40	1.50
** receptor	=B345+1 (sensitive receptor: C304)				
** receptor	DISCCART	406412.503810319	3758137.50198172	321.40	1.50
** receptor	=B346+1 (sensitive receptor: C305)				
** receptor	DISCCART	406437.496964381	3758512.50565081	348.90	1.50
** receptor	=B347+1 (sensitive receptor: C306)				
** receptor	DISCCART	406437.496964381	3758487.50074049	347.70	1.50
** receptor	=B348+1 (sensitive receptor: C307)				
** receptor	DISCCART	406437.496964381	3758462.50582813	345.60	1.50
** receptor	=B349+1 (sensitive receptor: C308)				
** receptor	DISCCART	406437.496964381	3758437.50091781	344.40	1.50
** receptor	=B350+1 (sensitive receptor: C309)				
** receptor	DISCCART	406437.496964381	3758412.50600545	344.40	1.50
** receptor	=B351+1 (sensitive receptor: C310)				
** receptor	DISCCART	406437.496964381	3758387.50109513	343.60	1.50
** receptor	=B352+1 (sensitive receptor: C311)				
** receptor	DISCCART	406437.496964381	3758362.50618277	341.10	1.50
** receptor	=B353+1 (sensitive receptor: C312)				
** receptor	DISCCART	406437.496964381	3758337.50127244	341.10	1.50
** receptor	=B354+1 (sensitive receptor: C313)				
** receptor	DISCCART	406437.496964381	3758312.50636009	337.80	1.50
** receptor	=B355+1 (sensitive receptor: C314)				
** receptor	DISCCART	406437.496964381	3758287.50144976	334.60	1.50
** receptor	=B356+1 (sensitive receptor: C315)				
** receptor	DISCCART	406437.496964381	3758262.50653741	328.20	1.50
** receptor	=B357+1 (sensitive receptor: C316)				
** receptor	DISCCART	406437.496964381	3758237.50162708	322.10	1.50
** receptor	=B358+1 (sensitive receptor: C317)				
** receptor	DISCCART	406437.496964381	3758212.50671473	321.40	1.50
** receptor	=B359+1 (sensitive receptor: C318)				
** receptor	DISCCART	406437.496964381	3758187.5018044	321.40	1.50
** receptor	=B360+1 (sensitive receptor: C319)				
** receptor	DISCCART	406437.496964381	3758162.50689204	321.40	1.50
** receptor	=B361+1 (sensitive receptor: C320)				
** receptor	DISCCART	406437.496964381	3758137.50198172	321.40	1.50
** receptor	=B362+1 (sensitive receptor: C321)				
** receptor	DISCCART	406462.498364286	3758512.50565081	351.00	1.50
** receptor	=B363+1 (sensitive receptor: C322)				
** receptor	DISCCART	406462.498364286	3758487.50074049	347.70	1.50
** receptor	=B364+1 (sensitive receptor: C323)				
** receptor	DISCCART	406462.498364286	3758462.50582813	347.70	1.50
** receptor	=B365+1 (sensitive receptor: C324)				

Appendix B

PM 24 hour Emissions Mitigated

** DISCCART	406462.498364286	3758437.50091781	345.30	1.50
** receptor	=B366+1 (sensitive receptor: C325)			
** DISCCART	406462.498364286	3758412.50600545	344.40	1.50
** receptor	=B367+1 (sensitive receptor: C326)			
** DISCCART	406462.498364286	3758387.50109513	344.40	1.50
** receptor	=B368+1 (sensitive receptor: C327)			
** DISCCART	406462.498364286	3758362.50618277	343.20	1.50
** receptor	=B369+1 (sensitive receptor: C328)			
** DISCCART	406462.498364286	3758337.50127244	341.10	1.50
** receptor	=B370+1 (sensitive receptor: C329)			
** DISCCART	406462.498364286	3758312.50636009	339.90	1.50
** receptor	=B371+1 (sensitive receptor: C330)			
** DISCCART	406462.498364286	3758287.50144976	335.50	1.50
** receptor	=B372+1 (sensitive receptor: C331)			
** DISCCART	406462.498364286	3758262.50653741	325.80	1.50
** receptor	=B373+1 (sensitive receptor: C332)			
** DISCCART	406462.498364286	3758237.50162708	321.40	1.50
** receptor	=B374+1 (sensitive receptor: C333)			
** DISCCART	406462.498364286	3758212.50671473	321.40	1.50
** receptor	=B375+1 (sensitive receptor: C334)			
** DISCCART	406462.498364286	3758187.5018044	322.40	1.50
** receptor	=B376+1 (sensitive receptor: C335)			
** DISCCART	406462.498364286	3758162.50689204	323.60	1.50
** receptor	=B377+1 (sensitive receptor: C336)			
** DISCCART	406462.498364286	3758137.50198172	325.60	1.50
** receptor	=B378+1 (sensitive receptor: C337)			
** DISCCART	406487.499764192	3758512.50565081	353.90	1.50
** receptor	=B379+1 (sensitive receptor: C338)			
** DISCCART	406487.499764192	3758487.50074049	350.90	1.50
** receptor	=B380+1 (sensitive receptor: C339)			
** DISCCART	406487.499764192	3758462.50582813	347.70	1.50
** receptor	=B381+1 (sensitive receptor: C340)			
** DISCCART	406487.499764192	3758437.50091781	347.70	1.50
** receptor	=B382+1 (sensitive receptor: C341)			
** DISCCART	406487.499764192	3758412.50600545	344.40	1.50
** receptor	=B383+1 (sensitive receptor: C342)			
** DISCCART	406487.499764192	3758387.50109513	344.40	1.50
** receptor	=B384+1 (sensitive receptor: C343)			
** DISCCART	406487.499764192	3758362.50618277	344.40	1.50
** receptor	=B385+1 (sensitive receptor: C344)			
** DISCCART	406487.499764192	3758337.50127244	341.10	1.50
** receptor	=B386+1 (sensitive receptor: C345)			
** DISCCART	406487.499764192	3758312.50636009	341.10	1.50
** receptor	=B387+1 (sensitive receptor: C346)			
** DISCCART	406487.499764192	3758287.50144976	337.80	1.50
** receptor	=B388+1 (sensitive receptor: C347)			
** DISCCART	406487.499764192	3758262.50653741	323.30	1.50
** receptor	=B389+1 (sensitive receptor: C348)			
** DISCCART	406487.499764192	3758237.50162708	321.40	1.50
** receptor	=B390+1 (sensitive receptor: C349)			
** DISCCART	406487.499764192	3758212.50671473	324.40	1.50
** receptor	=B391+1 (sensitive receptor: C350)			
** DISCCART	406487.499764192	3758187.5018044	327.30	1.50
** receptor	=B392+1 (sensitive receptor: C351)			
** DISCCART	406487.499764192	3758162.50689204	328.00	1.50
** receptor	=B393+1 (sensitive receptor: C352)			
** DISCCART	406487.499764192	3758137.50198172	330.60	1.50
** receptor	=B394+1 (sensitive receptor: C353)			
** DISCCART	406512.501164097	3758512.50565081	354.20	1.50
** receptor	=B395+1 (sensitive receptor: C354)			
** DISCCART	406512.501164097	3758487.50074049	351.00	1.50
** receptor	=B396+1 (sensitive receptor: C355)			
** DISCCART	406512.501164097	3758462.50582813	347.70	1.50
** receptor	=B397+1 (sensitive receptor: C356)			
** DISCCART	406512.501164097	3758437.50091781	344.40	1.50
** receptor	=B398+1 (sensitive receptor: C357)			
** DISCCART	406512.501164097	3758412.50600545	344.40	1.50
** receptor	=B399+1 (sensitive receptor: C358)			
** DISCCART	406512.501164097	3758387.50109513	344.40	1.50
** receptor	=B400+1 (sensitive receptor: C359)			
** DISCCART	406512.501164097	3758362.50618277	342.20	1.50
** receptor	=B401+1 (sensitive receptor: C360)			
** DISCCART	406512.501164097	3758337.50127244	341.10	1.50
** receptor	=B402+1 (sensitive receptor: C361)			
** DISCCART	406512.501164097	3758312.50636009	338.50	1.50
** receptor	=B403+1 (sensitive receptor: C362)			

Appendix B

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** DISCCART	406512.501164097	3758287.50144976	331.20	1.50
** receptor	=B404+1 (sensitive receptor: C363)			
** DISCCART	406512.501164097	3758262.50653741	321.40	1.50
** receptor	=B405+1 (sensitive receptor: C364)			
** DISCCART	406512.501164097	3758237.50162708	323.40	1.50
** receptor	=B406+1 (sensitive receptor: C365)			
** DISCCART	406512.501164097	3758212.50671473	334.40	1.50
** receptor	=B407+1 (sensitive receptor: C366)			
** DISCCART	406512.501164097	3758187.5018044	334.60	1.50
** receptor	=B408+1 (sensitive receptor: C367)			
** DISCCART	406512.501164097	3758162.50689204	334.60	1.50
** receptor	=B409+1 (sensitive receptor: C368)			
** DISCCART	406512.501164097	3758137.50198172	334.60	1.50
** receptor	=B410+1 (sensitive receptor: C369)			
** DISCCART	406537.502564003	3758512.50565081	355.80	1.50
** receptor	=B411+1 (sensitive receptor: C370)			
** DISCCART	406537.502564003	3758487.50074049	351.00	1.50
** receptor	=B412+1 (sensitive receptor: C371)			
** DISCCART	406537.502564003	3758462.50582813	347.70	1.50
** receptor	=B413+1 (sensitive receptor: C372)			
** DISCCART	406537.502564003	3758437.50091781	344.40	1.50
** receptor	=B414+1 (sensitive receptor: C373)			
** DISCCART	406537.502564003	3758412.50600545	344.40	1.50
** receptor	=B415+1 (sensitive receptor: C374)			
** DISCCART	406537.502564003	3758387.50109513	341.80	1.50
** receptor	=B416+1 (sensitive receptor: C375)			
** DISCCART	406537.502564003	3758362.50618277	339.80	1.50
** receptor	=B417+1 (sensitive receptor: C376)			
** DISCCART	406537.502564003	3758337.50127244	337.80	1.50
** receptor	=B418+1 (sensitive receptor: C377)			
** DISCCART	406537.502564003	3758312.50636009	336.10	1.50
** receptor	=B419+1 (sensitive receptor: C378)			
** DISCCART	406537.502564003	3758287.50144976	333.80	1.50
** receptor	=B420+1 (sensitive receptor: C379)			
** DISCCART	406537.502564003	3758262.50653741	334.50	1.50
** receptor	=B421+1 (sensitive receptor: C380)			
** DISCCART	406537.502564003	3758237.50162708	343.60	1.50
** receptor	=B422+1 (sensitive receptor: C381)			
** DISCCART	406537.502564003	3758212.50671473	340.70	1.50
** receptor	=B423+1 (sensitive receptor: C382)			
** DISCCART	406537.502564003	3758187.5018044	337.80	1.50
** receptor	=B424+1 (sensitive receptor: C383)			
** DISCCART	406537.502564003	3758162.50689204	335.80	1.50
** receptor	=B425+1 (sensitive receptor: C384)			
** DISCCART	406537.502564003	3758137.50198172	334.60	1.50
** receptor	=B426+1 (sensitive receptor: C385)			
** DISCCART	406562.495718064	3758512.50565081	356.30	1.50
** receptor	=B427+1 (sensitive receptor: C386)			
** DISCCART	406562.495718064	3758487.50074049	351.00	1.50
** receptor	=B428+1 (sensitive receptor: C387)			
** DISCCART	406562.495718064	3758462.50582813	347.20	1.50
** receptor	=B429+1 (sensitive receptor: C388)			
** DISCCART	406562.495718064	3758437.50091781	344.40	1.50
** receptor	=B430+1 (sensitive receptor: C389)			
** DISCCART	406562.495718064	3758412.50600545	341.10	1.50
** receptor	=B431+1 (sensitive receptor: C390)			
** DISCCART	406562.495718064	3758387.50109513	337.80	1.50
** receptor	=B432+1 (sensitive receptor: C391)			
** DISCCART	406562.495718064	3758362.50618277	337.80	1.50
** receptor	=B433+1 (sensitive receptor: C392)			
** DISCCART	406562.495718064	3758337.50127244	337.80	1.50
** receptor	=B434+1 (sensitive receptor: C393)			
** DISCCART	406562.495718064	3758312.50636009	338.80	1.50
** receptor	=B435+1 (sensitive receptor: C394)			
** DISCCART	406562.495718064	3758287.50144976	341.10	1.50
** receptor	=B436+1 (sensitive receptor: C395)			
** DISCCART	406562.495718064	3758262.50653741	343.30	1.50
** receptor	=B437+1 (sensitive receptor: C396)			
** DISCCART	406562.495718064	3758237.50162708	344.40	1.50
** receptor	=B438+1 (sensitive receptor: C397)			
** DISCCART	406562.495718064	3758212.50671473	342.00	1.50
** receptor	=B439+1 (sensitive receptor: C398)			
** DISCCART	406562.495718064	3758187.5018044	341.10	1.50
** receptor	=B440+1 (sensitive receptor: C399)			
** DISCCART	406562.495718064	3758162.50689204	338.80	1.50
** receptor	=B441+1 (sensitive receptor: C400)			

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DISCCART 406562.495718064 3758137.50198172 337.80 1.50
 ** receptor =B442+1 (sensitive receptor: C401)
 DISCCART 406587.49711797 3758512.50565081 357.50 1.50
 ** receptor =B443+1 (sensitive receptor: C402)
 DISCCART 406587.49711797 3758487.50074049 351.60 1.50
 ** receptor =B444+1 (sensitive receptor: C403)
 DISCCART 406587.49711797 3758462.50582813 346.00 1.50
 ** receptor =B445+1 (sensitive receptor: C404)
 DISCCART 406587.49711797 3758437.50091781 341.10 1.50
 ** receptor =B446+1 (sensitive receptor: C405)
 DISCCART 406587.49711797 3758412.50600545 341.10 1.50
 ** receptor =B447+1 (sensitive receptor: C406)
 DISCCART 406587.49711797 3758387.50109513 340.30 1.50
 ** receptor =B448+1 (sensitive receptor: C407)
 DISCCART 406587.49711797 3758362.50618277 339.20 1.50
 ** receptor =B449+1 (sensitive receptor: C408)
 DISCCART 406587.49711797 3758337.50127244 340.50 1.50
 ** receptor =B450+1 (sensitive receptor: C409)
 DISCCART 406587.49711797 3758312.50636009 344.10 1.50
 ** receptor =B451+1 (sensitive receptor: C410)
 DISCCART 406587.49711797 3758287.50144976 344.40 1.50
 ** receptor =B452+1 (sensitive receptor: C411)
 DISCCART 406587.49711797 3758262.50653741 344.40 1.50
 ** receptor =B453+1 (sensitive receptor: C412)
 DISCCART 406587.49711797 3758237.50162708 344.40 1.50
 ** receptor =B454+1 (sensitive receptor: C413)
 DISCCART 406587.49711797 3758212.50671473 344.40 1.50
 ** receptor =B455+1 (sensitive receptor: C414)
 DISCCART 406587.49711797 3758187.5018044 343.70 1.50
 ** receptor =B456+1 (sensitive receptor: C415)
 DISCCART 406587.49711797 3758162.50689204 341.10 1.50
 ** receptor =B457+1 (sensitive receptor: C416)
 DISCCART 406587.49711797 3758137.50198172 340.40 1.50
 ** receptor =B458+1 (sensitive receptor: C417)
 DISCCART 406612.498517875 3758512.50565081 357.50 1.50
 ** receptor =B459+1 (sensitive receptor: C418)
 DISCCART 406612.498517875 3758487.50074049 350.90 1.50
 ** receptor =B460+1 (sensitive receptor: C419)
 DISCCART 406612.498517875 3758462.50582813 343.60 1.50
 ** receptor =B461+1 (sensitive receptor: C420)
 DISCCART 406612.498517875 3758437.50091781 341.10 1.50
 ** receptor =B462+1 (sensitive receptor: C421)
 DISCCART 406612.498517875 3758412.50600545 341.10 1.50
 ** receptor =B463+1 (sensitive receptor: C422)
 DISCCART 406612.498517875 3758387.50109513 338.80 1.50
 ** receptor =B464+1 (sensitive receptor: C423)
 DISCCART 406612.498517875 3758362.50618277 343.30 1.50
 ** receptor =B465+1 (sensitive receptor: C424)
 DISCCART 406612.498517875 3758337.50127244 346.30 1.50
 ** receptor =B466+1 (sensitive receptor: C425)
 DISCCART 406612.498517875 3758312.50636009 349.10 1.50
 ** receptor =B467+1 (sensitive receptor: C426)
 DISCCART 406612.498517875 3758287.50144976 348.60 1.50
 ** receptor =B468+1 (sensitive receptor: C427)
 DISCCART 406612.498517875 3758262.50653741 348.60 1.50
 ** receptor =B469+1 (sensitive receptor: C428)
 DISCCART 406612.498517875 3758237.50162708 347.70 1.50
 ** receptor =B470+1 (sensitive receptor: C429)
 DISCCART 406612.498517875 3758212.50671473 346.40 1.50
 ** receptor =B471+1 (sensitive receptor: C430)
 DISCCART 406612.498517875 3758187.5018044 344.40 1.50
 ** receptor =B472+1 (sensitive receptor: C431)
 DISCCART 406612.498517875 3758162.50689204 344.40 1.50
 ** receptor =B473+1 (sensitive receptor: C432)
 DISCCART 406612.498517875 3758137.50198172 344.40 1.50
 ** receptor =B474+1 (sensitive receptor: C433)
 DISCCART 406637.499917781 3758512.50565081 354.60 1.50
 ** receptor =B475+1 (sensitive receptor: C434)
 DISCCART 406637.499917781 3758487.50074049 350.90 1.50
 ** receptor =B476+1 (sensitive receptor: C435)
 DISCCART 406637.499917781 3758462.50582813 346.00 1.50
 ** receptor =B477+1 (sensitive receptor: C436)
 DISCCART 406637.499917781 3758437.50091781 341.10 1.50
 ** receptor =B478+1 (sensitive receptor: C437)
 DISCCART 406637.499917781 3758412.50600545 342.50 1.50
 ** receptor =B479+1 (sensitive receptor: C438)

Appendix B

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** DISCCART	406637.499917781	3758387.50109513	347.00	1.50
** receptor	=B480+1 (sensitive receptor: C439)			
** DISCCART	406637.499917781	3758362.50618277	352.00	1.50
** receptor	=B481+1 (sensitive receptor: C440)			
** DISCCART	406637.499917781	3758337.50127244	356.80	1.50
** receptor	=B482+1 (sensitive receptor: C441)			
** DISCCART	406637.499917781	3758312.50636009	357.10	1.50
** receptor	=B483+1 (sensitive receptor: C442)			
** DISCCART	406637.499917781	3758287.50144976	354.20	1.50
** receptor	=B484+1 (sensitive receptor: C443)			
** DISCCART	406637.499917781	3758262.50653741	352.20	1.50
** receptor	=B485+1 (sensitive receptor: C444)			
** DISCCART	406637.499917781	3758237.50162708	350.20	1.50
** receptor	=B486+1 (sensitive receptor: C445)			
** DISCCART	406637.499917781	3758212.50671473	347.70	1.50
** receptor	=B487+1 (sensitive receptor: C446)			
** DISCCART	406637.499917781	3758187.5018044	346.90	1.50
** receptor	=B488+1 (sensitive receptor: C447)			
** DISCCART	406637.499917781	3758162.50689204	344.40	1.50
** receptor	=B489+1 (sensitive receptor: C448)			
** DISCCART	406637.499917781	3758137.50198172	344.40	1.50
** receptor	=B490+1 (sensitive receptor: C449)			
** DISCCART	406662.501317687	3758512.50565081	357.50	1.50
** receptor	=B491+1 (sensitive receptor: C450)			
** DISCCART	406662.501317687	3758487.50074049	354.30	1.50
** receptor	=B492+1 (sensitive receptor: C451)			
** DISCCART	406662.501317687	3758462.50582813	351.80	1.50
** receptor	=B493+1 (sensitive receptor: C452)			
** DISCCART	406662.501317687	3758437.50091781	352.00	1.50
** receptor	=B494+1 (sensitive receptor: C453)			
** DISCCART	406662.501317687	3758412.50600545	355.20	1.50
** receptor	=B495+1 (sensitive receptor: C454)			
** DISCCART	406662.501317687	3758387.50109513	355.20	1.50
** receptor	=B496+1 (sensitive receptor: C455)			
** DISCCART	406662.501317687	3758362.50618277	358.40	1.50
** receptor	=B497+1 (sensitive receptor: C456)			
** DISCCART	406662.501317687	3758337.50127244	360.80	1.50
** receptor	=B498+1 (sensitive receptor: C457)			
** DISCCART	406662.501317687	3758312.50636009	359.60	1.50
** receptor	=B499+1 (sensitive receptor: C458)			
** DISCCART	406662.501317687	3758287.50144976	357.50	1.50
** receptor	=B500+1 (sensitive receptor: C459)			
** DISCCART	406662.501317687	3758262.50653741	354.20	1.50
** receptor	=B501+1 (sensitive receptor: C460)			
** DISCCART	406662.501317687	3758237.50162708	351.90	1.50
** receptor	=B502+1 (sensitive receptor: C461)			
** DISCCART	406662.501317687	3758212.50671473	351.00	1.50
** receptor	=B503+1 (sensitive receptor: C462)			
** DISCCART	406662.501317687	3758187.5018044	347.70	1.50
** receptor	=B504+1 (sensitive receptor: C463)			
** DISCCART	406662.501317687	3758162.50689204	347.70	1.50
** receptor	=B505+1 (sensitive receptor: C464)			
** DISCCART	406662.501317687	3758137.50198172	344.40	1.50
** receptor	=B506+1 (sensitive receptor: C465)			
** DISCCART	406687.502717592	3758512.50565081	357.50	1.50
** receptor	=B507+1 (sensitive receptor: C466)			
** DISCCART	406687.502717592	3758487.50074049	357.50	1.50
** receptor	=B508+1 (sensitive receptor: C467)			
** DISCCART	406687.502717592	3758462.50582813	357.50	1.50
** receptor	=B509+1 (sensitive receptor: C468)			
** DISCCART	406687.502717592	3758437.50091781	360.10	1.50
** receptor	=B510+1 (sensitive receptor: C469)			
** DISCCART	406687.502717592	3758412.50600545	360.80	1.50
** receptor	=B511+1 (sensitive receptor: C470)			
** DISCCART	406687.502717592	3758387.50109513	360.10	1.50
** receptor	=B512+1 (sensitive receptor: C471)			
** DISCCART	406687.502717592	3758362.50618277	362.10	1.50
** receptor	=B513+1 (sensitive receptor: C472)			
** DISCCART	406687.502717592	3758337.50127244	363.30	1.50
** receptor	=B514+1 (sensitive receptor: C473)			
** DISCCART	406687.502717592	3758312.50636009	360.80	1.50
** receptor	=B515+1 (sensitive receptor: C474)			
** DISCCART	406687.502717592	3758287.50144976	357.50	1.50
** receptor	=B516+1 (sensitive receptor: C475)			
** DISCCART	406687.502717592	3758262.50653741	355.80	1.50
** receptor	=B517+1 (sensitive receptor: C476)			

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** DISCCART	406687.502717592	3758237.50162708	354.20	1.50
** receptor	=B518+1 (sensitive receptor: C477)			
** DISCCART	406687.502717592	3758212.50671473	351.00	1.50
** receptor	=B519+1 (sensitive receptor: C478)			
** DISCCART	406687.502717592	3758187.5018044	350.90	1.50
** receptor	=B520+1 (sensitive receptor: C479)			
** DISCCART	406687.502717592	3758162.50689204	347.70	1.50
** receptor	=B521+1 (sensitive receptor: C480)			
** DISCCART	406687.502717592	3758137.50198172	344.40	1.50
** receptor	=B522+1 (sensitive receptor: C481)			
** DISCCART	406712.495871654	3758512.50565081	357.50	1.50
** receptor	=B523+1 (sensitive receptor: C482)			
** DISCCART	406712.495871654	3758487.50074049	358.50	1.50
** receptor	=B524+1 (sensitive receptor: C483)			
** DISCCART	406712.495871654	3758462.50582813	360.80	1.50
** receptor	=B525+1 (sensitive receptor: C484)			
** DISCCART	406712.495871654	3758437.50091781	361.70	1.50
** receptor	=B526+1 (sensitive receptor: C485)			
** DISCCART	406712.495871654	3758412.50600545	364.10	1.50
** receptor	=B527+1 (sensitive receptor: C486)			
** DISCCART	406712.495871654	3758387.50109513	364.10	1.50
** receptor	=B528+1 (sensitive receptor: C487)			
** DISCCART	406712.495871654	3758362.50618277	364.10	1.50
** receptor	=B529+1 (sensitive receptor: C488)			
** DISCCART	406712.495871654	3758337.50127244	364.00	1.50
** receptor	=B530+1 (sensitive receptor: C489)			
** DISCCART	406712.495871654	3758312.50636009	360.80	1.50
** receptor	=B531+1 (sensitive receptor: C490)			
** DISCCART	406712.495871654	3758287.50144976	357.50	1.50
** receptor	=B532+1 (sensitive receptor: C491)			
** DISCCART	406712.495871654	3758262.50653741	357.50	1.50
** receptor	=B533+1 (sensitive receptor: C492)			
** DISCCART	406712.495871654	3758237.50162708	354.20	1.50
** receptor	=B534+1 (sensitive receptor: C493)			
** DISCCART	406712.495871654	3758212.50671473	354.20	1.50
** receptor	=B535+1 (sensitive receptor: C494)			
** DISCCART	406712.495871654	3758187.5018044	351.00	1.50
** receptor	=B536+1 (sensitive receptor: C495)			
** DISCCART	406712.495871654	3758162.50689204	348.10	1.50
** receptor	=B537+1 (sensitive receptor: C496)			
** DISCCART	406712.495871654	3758137.50198172	344.40	1.50
** receptor	=B538+1 (sensitive receptor: C497)			
** DISCCART	406737.497271559	3758512.50565081	359.20	1.50
** receptor	=B539+1 (sensitive receptor: C498)			
** DISCCART	406737.497271559	3758487.50074049	360.90	1.50
** receptor	=B540+1 (sensitive receptor: C499)			
** DISCCART	406737.497271559	3758462.50582813	363.70	1.50
** receptor	=B541+1 (sensitive receptor: C500)			
** DISCCART	406737.497271559	3758437.50091781	364.10	1.50
** receptor	=B542+1 (sensitive receptor: C501)			
** DISCCART	406737.497271559	3758412.50600545	365.40	1.50
** receptor	=B543+1 (sensitive receptor: C502)			
** DISCCART	406737.497271559	3758387.50109513	366.70	1.50
** receptor	=B544+1 (sensitive receptor: C503)			
** DISCCART	406737.497271559	3758362.50618277	367.40	1.50
** receptor	=B545+1 (sensitive receptor: C504)			
** DISCCART	406737.497271559	3758337.50127244	364.10	1.50
** receptor	=B546+1 (sensitive receptor: C505)			
** DISCCART	406737.497271559	3758312.50636009	362.00	1.50
** receptor	=B547+1 (sensitive receptor: C506)			
** DISCCART	406737.497271559	3758287.50144976	360.80	1.50
** receptor	=B548+1 (sensitive receptor: C507)			
** DISCCART	406737.497271559	3758262.50653741	357.50	1.50
** receptor	=B549+1 (sensitive receptor: C508)			
** DISCCART	406737.497271559	3758237.50162708	357.50	1.50
** receptor	=B550+1 (sensitive receptor: C509)			
** DISCCART	406737.497271559	3758212.50671473	354.20	1.50
** receptor	=B551+1 (sensitive receptor: C510)			
** DISCCART	406737.497271559	3758187.5018044	351.00	1.50
** receptor	=B552+1 (sensitive receptor: C511)			
** DISCCART	406737.497271559	3758162.50689204	347.70	1.50
** receptor	=B553+1 (sensitive receptor: C512)			
** DISCCART	406737.497271559	3758137.50198172	344.40	1.50
** receptor	=B554+1 (sensitive receptor: C513)			
** DISCCART	406762.498671465	3758512.50565081	360.80	1.50
** receptor	=B555+1 (sensitive receptor: C514)			

Appendix B

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** DISCCART	406762.498671465	3758487.50074049	364.10	1.50
** receptor	=B556+1 (sensitive receptor: C515)			
** DISCCART	406762.498671465	3758462.50582813	365.00	1.50
** receptor	=B557+1 (sensitive receptor: C516)			
** DISCCART	406762.498671465	3758437.50091781	367.40	1.50
** receptor	=B558+1 (sensitive receptor: C517)			
** DISCCART	406762.498671465	3758412.50600545	367.40	1.50
** receptor	=B559+1 (sensitive receptor: C518)			
** DISCCART	406762.498671465	3758387.50109513	367.40	1.50
** receptor	=B560+1 (sensitive receptor: C519)			
** DISCCART	406762.498671465	3758362.50618277	368.30	1.50
** receptor	=B561+1 (sensitive receptor: C520)			
** DISCCART	406762.498671465	3758337.50127244	367.30	1.50
** receptor	=B562+1 (sensitive receptor: C521)			
** DISCCART	406762.498671465	3758312.50636009	364.50	1.50
** receptor	=B563+1 (sensitive receptor: C522)			
** DISCCART	406762.498671465	3758287.50144976	361.70	1.50
** receptor	=B564+1 (sensitive receptor: C523)			
** DISCCART	406762.498671465	3758262.50653741	360.80	1.50
** receptor	=B565+1 (sensitive receptor: C524)			
** DISCCART	406762.498671465	3758237.50162708	357.50	1.50
** receptor	=B566+1 (sensitive receptor: C525)			
** DISCCART	406762.498671465	3758212.50671473	356.30	1.50
** receptor	=B567+1 (sensitive receptor: C526)			
** DISCCART	406762.498671465	3758187.5018044	351.00	1.50
** receptor	=B568+1 (sensitive receptor: C527)			
** DISCCART	406762.498671465	3758162.50689204	347.70	1.50
** receptor	=B569+1 (sensitive receptor: C528)			
** DISCCART	406762.498671465	3758137.50198172	344.40	1.50
** receptor	=B570+1 (sensitive receptor: C529)			
** DISCCART	406787.50007137	3758512.50565081	360.80	1.50
** receptor	=B571+1 (sensitive receptor: C530)			
** DISCCART	406787.50007137	3758487.50074049	364.20	1.50
** receptor	=B572+1 (sensitive receptor: C531)			
** DISCCART	406787.50007137	3758462.50582813	367.40	1.50
** receptor	=B573+1 (sensitive receptor: C532)			
** DISCCART	406787.50007137	3758437.50091781	369.90	1.50
** receptor	=B574+1 (sensitive receptor: C533)			
** DISCCART	406787.50007137	3758412.50600545	370.60	1.50
** receptor	=B575+1 (sensitive receptor: C534)			
** DISCCART	406787.50007137	3758387.50109513	370.70	1.50
** receptor	=B576+1 (sensitive receptor: C535)			
** DISCCART	406787.50007137	3758362.50618277	371.90	1.50
** receptor	=B577+1 (sensitive receptor: C536)			
** DISCCART	406787.50007137	3758337.50127244	369.90	1.50
** receptor	=B578+1 (sensitive receptor: C537)			
** DISCCART	406787.50007137	3758312.50636009	367.40	1.50
** receptor	=B579+1 (sensitive receptor: C538)			
** DISCCART	406787.50007137	3758287.50144976	366.60	1.50
** receptor	=B580+1 (sensitive receptor: C539)			
** DISCCART	406787.50007137	3758262.50653741	362.00	1.50
** receptor	=B581+1 (sensitive receptor: C540)			
** DISCCART	406787.50007137	3758237.50162708	360.70	1.50
** receptor	=B582+1 (sensitive receptor: C541)			
** DISCCART	406787.50007137	3758212.50671473	357.50	1.50
** receptor	=B583+1 (sensitive receptor: C542)			
** DISCCART	406787.50007137	3758187.5018044	351.00	1.50
** receptor	=B584+1 (sensitive receptor: C543)			
** DISCCART	406787.50007137	3758162.50689204	347.70	1.50
** receptor	=B585+1 (sensitive receptor: C544)			
** DISCCART	406787.50007137	3758137.50198172	341.80	1.50
** receptor	=B586+1 (sensitive receptor: C545)			
** DISCCART	406812.501471276	3758512.50565081	363.00	1.50
** receptor	=B587+1 (sensitive receptor: C546)			
** DISCCART	406812.501471276	3758487.50074049	367.40	1.50
** receptor	=B588+1 (sensitive receptor: C547)			
** DISCCART	406812.501471276	3758462.50582813	369.50	1.50
** receptor	=B589+1 (sensitive receptor: C548)			
** DISCCART	406812.501471276	3758437.50091781	371.60	1.50
** receptor	=B590+1 (sensitive receptor: C549)			
** DISCCART	406812.501471276	3758412.50600545	374.40	1.50
** receptor	=B591+1 (sensitive receptor: C550)			
** DISCCART	406812.501471276	3758387.50109513	374.80	1.50
** receptor	=B592+1 (sensitive receptor: C551)			
** DISCCART	406812.501471276	3758362.50618277	374.80	1.50
** receptor	=B593+1 (sensitive receptor: C552)			

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** DISCCART	406812.501471276	3758337.50127244	373.90	1.50
** receptor	=B594+1 (sensitive receptor: C553)			
** DISCCART	406812.501471276	3758312.50636009	369.40	1.50
** receptor	=B595+1 (sensitive receptor: C554)			
** DISCCART	406812.501471276	3758287.50144976	367.40	1.50
** receptor	=B596+1 (sensitive receptor: C555)			
** DISCCART	406812.501471276	3758262.50653741	364.50	1.50
** receptor	=B597+1 (sensitive receptor: C556)			
** DISCCART	406812.501471276	3758237.50162708	360.80	1.50
** receptor	=B598+1 (sensitive receptor: C557)			
** DISCCART	406812.501471276	3758212.50671473	357.50	1.50
** receptor	=B599+1 (sensitive receptor: C558)			
** DISCCART	406812.501471276	3758187.5018044	354.20	1.50
** receptor	=B600+1 (sensitive receptor: C559)			
** DISCCART	406812.501471276	3758162.50689204	346.00	1.50
** receptor	=B601+1 (sensitive receptor: C560)			
** DISCCART	406812.501471276	3758137.50198172	341.10	1.50
** receptor	=B602+1 (sensitive receptor: C561)			
** DISCCART	406837.502871182	3758512.50565081	366.60	1.50
** receptor	=B603+1 (sensitive receptor: C562)			
** DISCCART	406837.502871182	3758487.50074049	367.40	1.50
** receptor	=B604+1 (sensitive receptor: C563)			
** DISCCART	406837.502871182	3758462.50582813	370.60	1.50
** receptor	=B605+1 (sensitive receptor: C564)			
** DISCCART	406837.502871182	3758437.50091781	374.00	1.50
** receptor	=B606+1 (sensitive receptor: C565)			
** DISCCART	406837.502871182	3758412.50600545	378.50	1.50
** receptor	=B607+1 (sensitive receptor: C566)			
** DISCCART	406837.502871182	3758387.50109513	379.80	1.50
** receptor	=B608+1 (sensitive receptor: C567)			
** DISCCART	406837.502871182	3758362.50618277	378.40	1.50
** receptor	=B609+1 (sensitive receptor: C568)			
** DISCCART	406837.502871182	3758337.50127244	377.20	1.50
** receptor	=B610+1 (sensitive receptor: C569)			
** DISCCART	406837.502871182	3758312.50636009	373.50	1.50
** receptor	=B611+1 (sensitive receptor: C570)			
** DISCCART	406837.502871182	3758287.50144976	367.40	1.50
** receptor	=B612+1 (sensitive receptor: C571)			
** DISCCART	406837.502871182	3758262.50653741	362.70	1.50
** receptor	=B613+1 (sensitive receptor: C572)			
** DISCCART	406837.502871182	3758237.50162708	358.20	1.50
** receptor	=B614+1 (sensitive receptor: C573)			
** DISCCART	406837.502871182	3758212.50671473	357.50	1.50
** receptor	=B615+1 (sensitive receptor: C574)			
** DISCCART	406837.502871182	3758187.5018044	354.20	1.50
** receptor	=B616+1 (sensitive receptor: C575)			
** DISCCART	406837.502871182	3758162.50689204	348.50	1.50
** receptor	=B617+1 (sensitive receptor: C576)			
** DISCCART	406837.502871182	3758137.50198172	343.70	1.50
** receptor	=B618+1 (sensitive receptor: C577)			
** DISCCART	406862.496025243	3758512.50565081	368.30	1.50
** receptor	=B619+1 (sensitive receptor: C578)			
** DISCCART	406862.496025243	3758487.50074049	370.70	1.50
** receptor	=B620+1 (sensitive receptor: C579)			
** DISCCART	406862.496025243	3758462.50582813	373.90	1.50
** receptor	=B621+1 (sensitive receptor: C580)			
** DISCCART	406862.496025243	3758437.50091781	377.20	1.50
** receptor	=B622+1 (sensitive receptor: C581)			
** DISCCART	406862.496025243	3758412.50600545	380.50	1.50
** receptor	=B623+1 (sensitive receptor: C582)			
** DISCCART	406862.496025243	3758387.50109513	381.40	1.50
** receptor	=B624+1 (sensitive receptor: C583)			
** DISCCART	406862.496025243	3758362.50618277	380.50	1.50
** receptor	=B625+1 (sensitive receptor: C584)			
** DISCCART	406862.496025243	3758337.50127244	380.40	1.50
** receptor	=B626+1 (sensitive receptor: C585)			
** DISCCART	406862.496025243	3758312.50636009	375.50	1.50
** receptor	=B627+1 (sensitive receptor: C586)			
** DISCCART	406862.496025243	3758287.50144976	364.00	1.50
** receptor	=B628+1 (sensitive receptor: C587)			
** DISCCART	406862.496025243	3758262.50653741	358.60	1.50
** receptor	=B629+1 (sensitive receptor: C588)			
** DISCCART	406862.496025243	3758237.50162708	358.40	1.50
** receptor	=B630+1 (sensitive receptor: C589)			
** DISCCART	406862.496025243	3758212.50671473	358.40	1.50
** receptor	=B631+1 (sensitive receptor: C590)			

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** DISCCART	406862.496025243	3758187.5018044	357.50	1.50
** receptor	=B632+1 (sensitive receptor: C591)			
** DISCCART	406862.496025243	3758162.50689204	357.50	1.50
** receptor	=B633+1 (sensitive receptor: C592)			
** DISCCART	406862.496025243	3758137.50198172	355.20	1.50
** receptor	=B634+1 (sensitive receptor: C593)			
** DISCCART	406887.497425149	3758512.50565081	373.20	1.50
** receptor	=B635+1 (sensitive receptor: C594)			
** DISCCART	406887.497425149	3758487.50074049	373.90	1.50
** receptor	=B636+1 (sensitive receptor: C595)			
** DISCCART	406887.497425149	3758462.50582813	375.30	1.50
** receptor	=B637+1 (sensitive receptor: C596)			
** DISCCART	406887.497425149	3758437.50091781	379.80	1.50
** receptor	=B638+1 (sensitive receptor: C597)			
** DISCCART	406887.497425149	3758412.50600545	381.80	1.50
** receptor	=B639+1 (sensitive receptor: C598)			
** DISCCART	406887.497425149	3758387.50109513	383.80	1.50
** receptor	=B640+1 (sensitive receptor: C599)			
** DISCCART	406887.497425149	3758362.50618277	383.40	1.50
** receptor	=B641+1 (sensitive receptor: C600)			
** DISCCART	406887.497425149	3758337.50127244	380.50	1.50
** receptor	=B642+1 (sensitive receptor: C601)			
** DISCCART	406887.497425149	3758312.50636009	370.50	1.50
** receptor	=B643+1 (sensitive receptor: C602)			
** DISCCART	406887.497425149	3758287.50144976	358.20	1.50
** receptor	=B644+1 (sensitive receptor: C603)			
** DISCCART	406887.497425149	3758262.50653741	360.10	1.50
** receptor	=B645+1 (sensitive receptor: C604)			
** DISCCART	406887.497425149	3758237.50162708	363.40	1.50
** receptor	=B646+1 (sensitive receptor: C605)			
** DISCCART	406887.497425149	3758212.50671473	366.60	1.50
** receptor	=B647+1 (sensitive receptor: C606)			
** DISCCART	406887.497425149	3758187.5018044	365.90	1.50
** receptor	=B648+1 (sensitive receptor: C607)			
** DISCCART	406887.497425149	3758162.50689204	365.90	1.50
** receptor	=B649+1 (sensitive receptor: C608)			
** DISCCART	406887.497425149	3758137.50198172	366.60	1.50
** receptor	=B650+1 (sensitive receptor: C609)			
** DISCCART	406912.498825054	3758512.50565081	376.10	1.50
** receptor	=B651+1 (sensitive receptor: C610)			
** DISCCART	406912.498825054	3758487.50074049	377.20	1.50
** receptor	=B652+1 (sensitive receptor: C611)			
** DISCCART	406912.498825054	3758462.50582813	377.20	1.50
** receptor	=B653+1 (sensitive receptor: C612)			
** DISCCART	406912.498825054	3758437.50091781	380.50	1.50
** receptor	=B654+1 (sensitive receptor: C613)			
** DISCCART	406912.498825054	3758412.50600545	385.50	1.50
** receptor	=B655+1 (sensitive receptor: C614)			
** DISCCART	406912.498825054	3758387.50109513	387.00	1.50
** receptor	=B656+1 (sensitive receptor: C615)			
** DISCCART	406912.498825054	3758362.50618277	383.80	1.50
** receptor	=B657+1 (sensitive receptor: C616)			
** DISCCART	406912.498825054	3758337.50127244	380.40	1.50
** receptor	=B658+1 (sensitive receptor: C617)			
** DISCCART	406912.498825054	3758312.50636009	366.30	1.50
** receptor	=B659+1 (sensitive receptor: C618)			
** DISCCART	406912.498825054	3758287.50144976	357.60	1.50
** receptor	=B660+1 (sensitive receptor: C619)			
** DISCCART	406912.498825054	3758262.50653741	367.20	1.50
** receptor	=B661+1 (sensitive receptor: C620)			
** DISCCART	406912.498825054	3758237.50162708	375.80	1.50
** receptor	=B662+1 (sensitive receptor: C621)			
** DISCCART	406912.498825054	3758212.50671473	376.90	1.50
** receptor	=B663+1 (sensitive receptor: C622)			
** DISCCART	406912.498825054	3758187.5018044	375.80	1.50
** receptor	=B664+1 (sensitive receptor: C623)			
** DISCCART	406912.498825054	3758162.50689204	375.80	1.50
** receptor	=B665+1 (sensitive receptor: C624)			
** DISCCART	406912.498825054	3758137.50198172	375.80	1.50
** receptor	=B666+1 (sensitive receptor: C625)			
** DISCCART	406937.50022496	3758512.50565081	380.50	1.50
** receptor	=B667+1 (sensitive receptor: C626)			
** DISCCART	406937.50022496	3758487.50074049	380.50	1.50
** receptor	=B668+1 (sensitive receptor: C627)			
** DISCCART	406937.50022496	3758462.50582813	380.10	1.50
** receptor	=B669+1 (sensitive receptor: C628)			

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DISCCART 406937.50022496 3758437.50091781 380.60 1.50
 ** receptor =B670+1 (sensitive receptor: C629)
 DISCCART 406937.50022496 3758412.50600545 386.70 1.50
 ** receptor =B671+1 (sensitive receptor: C630)
 DISCCART 406937.50022496 3758387.50109513 387.00 1.50
 ** receptor =B672+1 (sensitive receptor: C631)
 DISCCART 406937.50022496 3758362.50618277 383.80 1.50
 ** receptor =B673+1 (sensitive receptor: C632)
 DISCCART 406937.50022496 3758337.50127244 377.80 1.50
 ** receptor =B674+1 (sensitive receptor: C633)
 DISCCART 406937.50022496 3758312.50636009 367.00 1.50
 ** receptor =B675+1 (sensitive receptor: C634)
 DISCCART 406937.50022496 3758287.50144976 371.90 1.50
 ** receptor =B676+1 (sensitive receptor: C635)
 DISCCART 406937.50022496 3758262.50653741 381.10 1.50
 ** receptor =B677+1 (sensitive receptor: C636)
 DISCCART 406937.50022496 3758237.50162708 389.70 1.50
 ** receptor =B678+1 (sensitive receptor: C637)
 DISCCART 406937.50022496 3758212.50671473 392.20 1.50
 ** receptor =B679+1 (sensitive receptor: C638)
 DISCCART 406937.50022496 3758187.5018044 392.20 1.50
 ** receptor =B680+1 (sensitive receptor: C639)
 DISCCART 406937.50022496 3758162.50689204 390.10 1.50
 ** receptor =B681+1 (sensitive receptor: C640)
 DISCCART 406937.50022496 3758137.50198172 386.30 1.50
 ** receptor =B682+1 (sensitive receptor: C641)
 DISCCART 406962.501624865 3758512.50565081 388.90 1.50
 ** receptor =B683+1 (sensitive receptor: C642)
 DISCCART 406962.501624865 3758487.50074049 388.90 1.50
 ** receptor =B684+1 (sensitive receptor: C643)
 DISCCART 406962.501624865 3758462.50582813 388.90 1.50
 ** receptor =B685+1 (sensitive receptor: C644)
 DISCCART 406962.501624865 3758437.50091781 388.00 1.50
 ** receptor =B686+1 (sensitive receptor: C645)
 DISCCART 406962.501624865 3758412.50600545 391.20 1.50
 ** receptor =B687+1 (sensitive receptor: C646)
 DISCCART 406962.501624865 3758387.50109513 390.20 1.50
 ** receptor =B688+1 (sensitive receptor: C647)
 DISCCART 406962.501624865 3758362.50618277 381.60 1.50
 ** receptor =B689+1 (sensitive receptor: C648)
 DISCCART 406962.501624865 3758337.50127244 377.10 1.50
 ** receptor =B690+1 (sensitive receptor: C649)
 DISCCART 406962.501624865 3758312.50636009 377.80 1.50
 ** receptor =B691+1 (sensitive receptor: C650)
 DISCCART 406962.501624865 3758287.50144976 384.80 1.50
 ** receptor =B692+1 (sensitive receptor: C651)
 DISCCART 406962.501624865 3758262.50653741 397.20 1.50
 ** receptor =B693+1 (sensitive receptor: C652)
 DISCCART 406962.501624865 3758237.50162708 401.10 1.50
 ** receptor =B694+1 (sensitive receptor: C653)
 DISCCART 406962.501624865 3758212.50671473 402.20 1.50
 ** receptor =B695+1 (sensitive receptor: C654)
 DISCCART 406962.501624865 3758187.5018044 403.40 1.50
 ** receptor =B696+1 (sensitive receptor: C655)
 DISCCART 406962.501624865 3758162.50689204 398.40 1.50
 ** receptor =B697+1 (sensitive receptor: C656)
 DISCCART 406962.501624865 3758137.50198172 390.20 1.50
 ** receptor =B698+1 (sensitive receptor: C657)
 DISCCART 406987.503024771 3758512.50565081 399.10 1.50
 ** receptor =B699+1 (sensitive receptor: C658)
 DISCCART 406987.503024771 3758487.50074049 399.40 1.50
 ** receptor =B700+1 (sensitive receptor: C659)
 DISCCART 406987.503024771 3758462.50582813 396.20 1.50
 ** receptor =B701+1 (sensitive receptor: C660)
 DISCCART 406987.503024771 3758437.50091781 396.20 1.50
 ** receptor =B702+1 (sensitive receptor: C661)
 DISCCART 406987.503024771 3758412.50600545 394.80 1.50
 ** receptor =B703+1 (sensitive receptor: C662)
 DISCCART 406987.503024771 3758387.50109513 390.20 1.50
 ** receptor =B704+1 (sensitive receptor: C663)
 DISCCART 406987.503024771 3758362.50618277 380.50 1.50
 ** receptor =B705+1 (sensitive receptor: C664)
 DISCCART 406987.503024771 3758337.50127244 377.20 1.50
 ** receptor =B706+1 (sensitive receptor: C665)
 DISCCART 406987.503024771 3758312.50636009 378.90 1.50
 ** receptor =B707+1 (sensitive receptor: C666)

Appendix B

PM 24 hour Emissions Mitigated

** receptor	DISCCART	406987.503024771	3758287.50144976	390.50	1.50
** receptor	=B708+1 (sensitive receptor: C667)				
** receptor	DISCCART	406987.503024771	3758262.50653741	403.10	1.50
** receptor	=B709+1 (sensitive receptor: C668)				
** receptor	DISCCART	406987.503024771	3758237.50162708	403.40	1.50
** receptor	=B710+1 (sensitive receptor: C669)				
** receptor	DISCCART	406987.503024771	3758212.50671473	403.80	1.50
** receptor	=B711+1 (sensitive receptor: C670)				
** receptor	DISCCART	406987.503024771	3758187.5018044	400.80	1.50
** receptor	=B712+1 (sensitive receptor: C671)				
** receptor	DISCCART	406987.503024771	3758162.50689204	391.30	1.50
** receptor	=B713+1 (sensitive receptor: C672)				
** receptor	DISCCART	406987.503024771	3758137.50198172	381.10	1.50
** receptor	=B714+1 (sensitive receptor: C673)				
** receptor	DISCCART	407012.504424677	3758512.50565081	403.40	1.50
** receptor	=B715+1 (sensitive receptor: C674)				
** receptor	DISCCART	407012.504424677	3758487.50074049	403.40	1.50
** receptor	=B716+1 (sensitive receptor: C675)				
** receptor	DISCCART	407012.504424677	3758462.50582813	403.40	1.50
** receptor	=B717+1 (sensitive receptor: C676)				
** receptor	DISCCART	407012.504424677	3758437.50091781	401.10	1.50
** receptor	=B718+1 (sensitive receptor: C677)				
** receptor	DISCCART	407012.504424677	3758412.50600545	398.40	1.50
** receptor	=B719+1 (sensitive receptor: C678)				
** receptor	DISCCART	407012.504424677	3758387.50109513	393.50	1.50
** receptor	=B720+1 (sensitive receptor: C679)				
** receptor	DISCCART	407012.504424677	3758362.50618277	387.70	1.50
** receptor	=B721+1 (sensitive receptor: C680)				
** receptor	DISCCART	407012.504424677	3758337.50127244	388.90	1.50
** receptor	=B722+1 (sensitive receptor: C681)				
** receptor	DISCCART	407012.504424677	3758312.50636009	388.90	1.50
** receptor	=B723+1 (sensitive receptor: C682)				
** receptor	DISCCART	407012.504424677	3758287.50144976	397.90	1.50
** receptor	=B724+1 (sensitive receptor: C683)				
** receptor	DISCCART	407012.504424677	3758262.50653741	402.50	1.50
** receptor	=B725+1 (sensitive receptor: C684)				
** receptor	DISCCART	407012.504424677	3758237.50162708	400.20	1.50
** receptor	=B726+1 (sensitive receptor: C685)				
** receptor	DISCCART	407012.504424677	3758212.50671473	398.40	1.50
** receptor	=B727+1 (sensitive receptor: C686)				
** receptor	DISCCART	407012.504424677	3758187.5018044	390.20	1.50
** receptor	=B728+1 (sensitive receptor: C687)				
** receptor	DISCCART	407012.504424677	3758162.50689204	379.30	1.50
** receptor	=B729+1 (sensitive receptor: C688)				
** receptor	DISCCART	407012.504424677	3758137.50198172	379.00	1.50
** receptor	=B730+1 (sensitive receptor: C689)				
** receptor	DISCCART	407037.497578738	3758512.50565081	404.80	1.50
** receptor	=B731+1 (sensitive receptor: C690)				
** receptor	DISCCART	407037.497578738	3758487.50074049	406.70	1.50
** receptor	=B732+1 (sensitive receptor: C691)				
** receptor	DISCCART	407037.497578738	3758462.50582813	406.30	1.50
** receptor	=B733+1 (sensitive receptor: C692)				
** receptor	DISCCART	407037.497578738	3758437.50091781	405.90	1.50
** receptor	=B734+1 (sensitive receptor: C693)				
** receptor	DISCCART	407037.497578738	3758412.50600545	403.10	1.50
** receptor	=B735+1 (sensitive receptor: C694)				
** receptor	DISCCART	407037.497578738	3758387.50109513	399.40	1.50
** receptor	=B736+1 (sensitive receptor: C695)				
** receptor	DISCCART	407037.497578738	3758362.50618277	399.40	1.50
** receptor	=B737+1 (sensitive receptor: C696)				
** receptor	DISCCART	407037.497578738	3758337.50127244	402.70	1.50
** receptor	=B738+1 (sensitive receptor: C697)				
** receptor	DISCCART	407037.497578738	3758312.50636009	402.70	1.50
** receptor	=B739+1 (sensitive receptor: C698)				
** receptor	DISCCART	407037.497578738	3758287.50144976	402.70	1.50
** receptor	=B740+1 (sensitive receptor: C699)				
** receptor	DISCCART	407037.497578738	3758262.50653741	400.20	1.50
** receptor	=B741+1 (sensitive receptor: C700)				
** receptor	DISCCART	407037.497578738	3758237.50162708	397.60	1.50
** receptor	=B742+1 (sensitive receptor: C701)				
** receptor	DISCCART	407037.497578738	3758212.50671473	396.50	1.50
** receptor	=B743+1 (sensitive receptor: C702)				
** receptor	DISCCART	407037.497578738	3758187.5018044	398.00	1.50
** receptor	=B744+1 (sensitive receptor: C703)				
** receptor	DISCCART	407037.497578738	3758162.50689204	398.70	1.50
** receptor	=B745+1 (sensitive receptor: C704)				

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** DISCCART	407037.497578738	3758137.50198172	398.70	1.50
** receptor	=B746+1 (sensitive receptor: C705)			
** DISCCART	407062.498978644	3758512.50565081	406.10	1.50
** receptor	=B747+1 (sensitive receptor: C706)			
** DISCCART	407062.498978644	3758487.50074049	410.90	1.50
** receptor	=B748+1 (sensitive receptor: C707)			
** DISCCART	407062.498978644	3758462.50582813	410.90	1.50
** receptor	=B749+1 (sensitive receptor: C708)			
** DISCCART	407062.498978644	3758437.50091781	410.80	1.50
** receptor	=B750+1 (sensitive receptor: C709)			
** DISCCART	407062.498978644	3758412.50600545	407.60	1.50
** receptor	=B751+1 (sensitive receptor: C710)			
** DISCCART	407062.498978644	3758387.50109513	404.40	1.50
** receptor	=B752+1 (sensitive receptor: C711)			
** DISCCART	407062.498978644	3758362.50618277	404.40	1.50
** receptor	=B753+1 (sensitive receptor: C712)			
** DISCCART	407062.498978644	3758337.50127244	406.70	1.50
** receptor	=B754+1 (sensitive receptor: C713)			
** DISCCART	407062.498978644	3758312.50636009	406.70	1.50
** receptor	=B755+1 (sensitive receptor: C714)			
** DISCCART	407062.498978644	3758287.50144976	404.30	1.50
** receptor	=B756+1 (sensitive receptor: C715)			
** DISCCART	407062.498978644	3758262.50653741	402.20	1.50
** receptor	=B757+1 (sensitive receptor: C716)			
** DISCCART	407062.498978644	3758237.50162708	400.20	1.50
** receptor	=B758+1 (sensitive receptor: C717)			
** DISCCART	407062.498978644	3758212.50671473	402.30	1.50
** receptor	=B759+1 (sensitive receptor: C718)			
** DISCCART	407062.498978644	3758187.5018044	403.40	1.50
** receptor	=B760+1 (sensitive receptor: C719)			
** DISCCART	407062.498978644	3758162.50689204	403.40	1.50
** receptor	=B761+1 (sensitive receptor: C720)			
** DISCCART	407062.498978644	3758137.50198172	403.40	1.50
** receptor	=B762+1 (sensitive receptor: C721)			
** DISCCART	407087.500378549	3758512.50565081	414.30	1.50
** receptor	=B763+1 (sensitive receptor: C722)			
** DISCCART	407087.500378549	3758487.50074049	416.60	1.50
** receptor	=B764+1 (sensitive receptor: C723)			
** DISCCART	407087.500378549	3758462.50582813	419.10	1.50
** receptor	=B765+1 (sensitive receptor: C724)			
** DISCCART	407087.500378549	3758437.50091781	416.50	1.50
** receptor	=B766+1 (sensitive receptor: C725)			
** DISCCART	407087.500378549	3758412.50600545	414.50	1.50
** receptor	=B767+1 (sensitive receptor: C726)			
** DISCCART	407087.500378549	3758387.50109513	412.60	1.50
** receptor	=B768+1 (sensitive receptor: C727)			
** DISCCART	407087.500378549	3758362.50618277	412.60	1.50
** receptor	=B769+1 (sensitive receptor: C728)			
** DISCCART	407087.500378549	3758337.50127244	412.60	1.50
** receptor	=B770+1 (sensitive receptor: C729)			
** DISCCART	407087.500378549	3758312.50636009	412.60	1.50
** receptor	=B771+1 (sensitive receptor: C730)			
** DISCCART	407087.500378549	3758287.50144976	412.50	1.50
** receptor	=B772+1 (sensitive receptor: C731)			
** DISCCART	407087.500378549	3758262.50653741	409.30	1.50
** receptor	=B773+1 (sensitive receptor: C732)			
** DISCCART	407087.500378549	3758237.50162708	406.00	1.50
** receptor	=B774+1 (sensitive receptor: C733)			
** DISCCART	407087.500378549	3758212.50671473	406.00	1.50
** receptor	=B775+1 (sensitive receptor: C734)			
** DISCCART	407087.500378549	3758187.5018044	406.70	1.50
** receptor	=B776+1 (sensitive receptor: C735)			
** DISCCART	407087.500378549	3758162.50689204	406.70	1.50
** receptor	=B777+1 (sensitive receptor: C736)			
** DISCCART	407087.500378549	3758137.50198172	406.70	1.50
** receptor	=B778+1 (sensitive receptor: C737)			
** DISCCART	407112.501778455	3758512.50565081	419.20	1.50
** receptor	=B779+1 (sensitive receptor: C738)			
** DISCCART	407112.501778455	3758487.50074049	424.00	1.50
** receptor	=B780+1 (sensitive receptor: C739)			
** DISCCART	407112.501778455	3758462.50582813	424.00	1.50
** receptor	=B781+1 (sensitive receptor: C740)			
** DISCCART	407112.501778455	3758437.50091781	424.00	1.50
** receptor	=B782+1 (sensitive receptor: C741)			
** DISCCART	407112.501778455	3758412.50600545	420.30	1.50
** receptor	=B783+1 (sensitive receptor: C742)			

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** DISCCART	407112.501778455	3758387.50109513	416.60	1.50
** receptor	=B784+1 (sensitive receptor: C743)			
** DISCCART	407112.501778455	3758362.50618277	416.60	1.50
** receptor	=B785+1 (sensitive receptor: C744)			
** DISCCART	407112.501778455	3758337.50127244	416.60	1.50
** receptor	=B786+1 (sensitive receptor: C745)			
** DISCCART	407112.501778455	3758312.50636009	417.00	1.50
** receptor	=B787+1 (sensitive receptor: C746)			
** DISCCART	407112.501778455	3758287.50144976	417.50	1.50
** receptor	=B788+1 (sensitive receptor: C747)			
** DISCCART	407112.501778455	3758262.50653741	417.00	1.50
** receptor	=B789+1 (sensitive receptor: C748)			
** DISCCART	407112.501778455	3758237.50162708	414.20	1.50
** receptor	=B790+1 (sensitive receptor: C749)			
** DISCCART	407112.501778455	3758212.50671473	413.70	1.50
** receptor	=B791+1 (sensitive receptor: C750)			
** DISCCART	407112.501778455	3758187.5018044	413.30	1.50
** receptor	=B792+1 (sensitive receptor: C751)			
** DISCCART	407112.501778455	3758162.50689204	410.90	1.50
** receptor	=B793+1 (sensitive receptor: C752)			
** DISCCART	407112.501778455	3758137.50198172	407.50	1.50
** receptor	=B794+1 (sensitive receptor: C753)			
** DISCCART	407137.50317836	3758512.50565081	427.40	1.50
** receptor	=B795+1 (sensitive receptor: C754)			
** DISCCART	407137.50317836	3758487.50074049	434.90	1.50
** receptor	=B796+1 (sensitive receptor: C755)			
** DISCCART	407137.50317836	3758462.50582813	435.20	1.50
** receptor	=B797+1 (sensitive receptor: C756)			
** DISCCART	407137.50317836	3758437.50091781	429.00	1.50
** receptor	=B798+1 (sensitive receptor: C757)			
** DISCCART	407137.50317836	3758412.50600545	426.00	1.50
** receptor	=B799+1 (sensitive receptor: C758)			
** DISCCART	407137.50317836	3758387.50109513	422.30	1.50
** receptor	=B800+1 (sensitive receptor: C759)			
** DISCCART	407137.50317836	3758362.50618277	419.80	1.50
** receptor	=B801+1 (sensitive receptor: C760)			
** DISCCART	407137.50317836	3758337.50127244	422.40	1.50
** receptor	=B802+1 (sensitive receptor: C761)			
** DISCCART	407137.50317836	3758312.50636009	422.40	1.50
** receptor	=B803+1 (sensitive receptor: C762)			
** DISCCART	407137.50317836	3758287.50144976	425.70	1.50
** receptor	=B804+1 (sensitive receptor: C763)			
** DISCCART	407137.50317836	3758262.50653741	422.70	1.50
** receptor	=B805+1 (sensitive receptor: C764)			
** DISCCART	407137.50317836	3758237.50162708	422.30	1.50
** receptor	=B806+1 (sensitive receptor: C765)			
** DISCCART	407137.50317836	3758212.50671473	417.80	1.50
** receptor	=B807+1 (sensitive receptor: C766)			
** DISCCART	407137.50317836	3758187.5018044	419.10	1.50
** receptor	=B808+1 (sensitive receptor: C767)			
** DISCCART	407137.50317836	3758162.50689204	419.10	1.50
** receptor	=B809+1 (sensitive receptor: C768)			
** DISCCART	407137.50317836	3758137.50198172	415.70	1.50
** receptor	=B810+1 (sensitive receptor: C769)			
** DISCCART	407162.496332422	3758512.50565081	434.40	1.50
** receptor	=B811+1 (sensitive receptor: C770)			
** DISCCART	407162.496332422	3758487.50074049	441.60	1.50
** receptor	=B812+1 (sensitive receptor: C771)			
** DISCCART	407162.496332422	3758462.50582813	446.20	1.50
** receptor	=B813+1 (sensitive receptor: C772)			
** DISCCART	407162.496332422	3758437.50091781	437.10	1.50
** receptor	=B814+1 (sensitive receptor: C773)			
** DISCCART	407162.496332422	3758412.50600545	432.20	1.50
** receptor	=B815+1 (sensitive receptor: C774)			
** DISCCART	407162.496332422	3758387.50109513	430.50	1.50
** receptor	=B816+1 (sensitive receptor: C775)			
** DISCCART	407162.496332422	3758362.50618277	427.30	1.50
** receptor	=B817+1 (sensitive receptor: C776)			
** DISCCART	407162.496332422	3758337.50127244	427.30	1.50
** receptor	=B818+1 (sensitive receptor: C777)			
** DISCCART	407162.496332422	3758312.50636009	430.60	1.50
** receptor	=B819+1 (sensitive receptor: C778)			
** DISCCART	407162.496332422	3758287.50144976	430.60	1.50
** receptor	=B820+1 (sensitive receptor: C779)			
** DISCCART	407162.496332422	3758262.50653741	430.60	1.50
** receptor	=B821+1 (sensitive receptor: C780)			

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** receptor	DISCCART	407162.496332422	3758237.50162708	431.50	1.50
** receptor	=B822+1 (sensitive receptor: C781)				
** receptor	DISCCART	407162.496332422	3758212.50671473	432.00	1.50
** receptor	=B823+1 (sensitive receptor: C782)				
** receptor	DISCCART	407162.496332422	3758187.5018044	432.40	1.50
** receptor	=B824+1 (sensitive receptor: C783)				
** receptor	DISCCART	407162.496332422	3758162.50689204	431.50	1.50
** receptor	=B825+1 (sensitive receptor: C784)				
** receptor	DISCCART	407162.496332422	3758137.50198172	424.90	1.50
** receptor	=B826+1 (sensitive receptor: C785)				
** receptor	DISCCART	407187.497732327	3758512.50565081	459.60	1.50
** receptor	=B827+1 (sensitive receptor: C786)				
** receptor	DISCCART	407187.497732327	3758487.50074049	465.00	1.50
** receptor	=B828+1 (sensitive receptor: C787)				
** receptor	DISCCART	407187.497732327	3758462.50582813	457.10	1.50
** receptor	=B829+1 (sensitive receptor: C788)				
** receptor	DISCCART	407187.497732327	3758437.50091781	447.90	1.50
** receptor	=B830+1 (sensitive receptor: C789)				
** receptor	DISCCART	407187.497732327	3758412.50600545	439.10	1.50
** receptor	=B831+1 (sensitive receptor: C790)				
** receptor	DISCCART	407187.497732327	3758387.50109513	435.50	1.50
** receptor	=B832+1 (sensitive receptor: C791)				
** receptor	DISCCART	407187.497732327	3758362.50618277	435.50	1.50
** receptor	=B833+1 (sensitive receptor: C792)				
** receptor	DISCCART	407187.497732327	3758337.50127244	435.50	1.50
** receptor	=B834+1 (sensitive receptor: C793)				
** receptor	DISCCART	407187.497732327	3758312.50636009	435.90	1.50
** receptor	=B835+1 (sensitive receptor: C794)				
** receptor	DISCCART	407187.497732327	3758287.50144976	438.80	1.50
** receptor	=B836+1 (sensitive receptor: C795)				
** receptor	DISCCART	407187.497732327	3758262.50653741	439.20	1.50
** receptor	=B837+1 (sensitive receptor: C796)				
** receptor	DISCCART	407187.497732327	3758237.50162708	442.10	1.50
** receptor	=B838+1 (sensitive receptor: C797)				
** receptor	DISCCART	407187.497732327	3758212.50671473	446.70	1.50
** receptor	=B839+1 (sensitive receptor: C798)				
** receptor	DISCCART	407187.497732327	3758187.5018044	451.20	1.50
** receptor	=B840+1 (sensitive receptor: C799)				
** receptor	DISCCART	407187.497732327	3758162.50689204	449.10	1.50
** receptor	=B841+1 (sensitive receptor: C800)				
** receptor	DISCCART	407187.497732327	3758137.50198172	441.30	1.50
** receptor	=B842+1 (sensitive receptor: C801)				
** receptor	DISCCART	407212.499132233	3758512.50565081	465.80	1.50
** receptor	=B843+1 (sensitive receptor: C802)				
** receptor	DISCCART	407212.499132233	3758487.50074049	466.70	1.50
** receptor	=B844+1 (sensitive receptor: C803)				
** receptor	DISCCART	407212.499132233	3758462.50582813	462.90	1.50
** receptor	=B845+1 (sensitive receptor: C804)				
** receptor	DISCCART	407212.499132233	3758437.50091781	462.40	1.50
** receptor	=B846+1 (sensitive receptor: C805)				
** receptor	DISCCART	407212.499132233	3758412.50600545	451.90	1.50
** receptor	=B847+1 (sensitive receptor: C806)				
** receptor	DISCCART	407212.499132233	3758387.50109513	443.70	1.50
** receptor	=B848+1 (sensitive receptor: C807)				
** receptor	DISCCART	407212.499132233	3758362.50618277	443.20	1.50
** receptor	=B849+1 (sensitive receptor: C808)				
** receptor	DISCCART	407212.499132233	3758337.50127244	442.80	1.50
** receptor	=B850+1 (sensitive receptor: C809)				
** receptor	DISCCART	407212.499132233	3758312.50636009	443.20	1.50
** receptor	=B851+1 (sensitive receptor: C810)				
** receptor	DISCCART	407212.499132233	3758287.50144976	443.70	1.50
** receptor	=B852+1 (sensitive receptor: C811)				
** receptor	DISCCART	407212.499132233	3758262.50653741	446.60	1.50
** receptor	=B853+1 (sensitive receptor: C812)				
** receptor	DISCCART	407212.499132233	3758237.50162708	449.50	1.50
** receptor	=B854+1 (sensitive receptor: C813)				
** receptor	DISCCART	407212.499132233	3758212.50671473	458.60	1.50
** receptor	=B855+1 (sensitive receptor: C814)				
** receptor	DISCCART	407212.499132233	3758187.5018044	462.50	1.50
** receptor	=B856+1 (sensitive receptor: C815)				
** receptor	DISCCART	407212.499132233	3758162.50689204	460.80	1.50
** receptor	=B857+1 (sensitive receptor: C816)				
** receptor	DISCCART	407212.499132233	3758137.50198172	449.20	1.50
** receptor	=B858+1 (sensitive receptor: C817)				
** receptor	DISCCART	407237.500532139	3758512.50565081	469.00	1.50
** receptor	=B859+1 (sensitive receptor: C818)				

Appendix B

PM 24 hour Emissions Mitigated

** DISCCART	407237.500532139	3758487.50074049	471.60	1.50
** receptor	=B860+1 (sensitive receptor: C819)			
** DISCCART	407237.500532139	3758462.50582813	471.30	1.50
** receptor	=B861+1 (sensitive receptor: C820)			
** DISCCART	407237.500532139	3758437.50091781	468.30	1.50
** receptor	=B862+1 (sensitive receptor: C821)			
** DISCCART	407237.500532139	3758412.50600545	460.10	1.50
** receptor	=B863+1 (sensitive receptor: C822)			
** DISCCART	407237.500532139	3758387.50109513	451.90	1.50
** receptor	=B864+1 (sensitive receptor: C823)			
** DISCCART	407237.500532139	3758362.50618277	448.60	1.50
** receptor	=B865+1 (sensitive receptor: C824)			
** DISCCART	407237.500532139	3758337.50127244	448.60	1.50
** receptor	=B866+1 (sensitive receptor: C825)			
** DISCCART	407237.500532139	3758312.50636009	450.00	1.50
** receptor	=B867+1 (sensitive receptor: C826)			
** DISCCART	407237.500532139	3758287.50144976	451.90	1.50
** receptor	=B868+1 (sensitive receptor: C827)			
** DISCCART	407237.500532139	3758262.50653741	452.30	1.50
** receptor	=B869+1 (sensitive receptor: C828)			
** DISCCART	407237.500532139	3758237.50162708	452.70	1.50
** receptor	=B870+1 (sensitive receptor: C829)			
** DISCCART	407237.500532139	3758212.50671473	459.60	1.50
** receptor	=B871+1 (sensitive receptor: C830)			
** DISCCART	407237.500532139	3758187.5018044	459.90	1.50
** receptor	=B872+1 (sensitive receptor: C831)			
** DISCCART	407237.500532139	3758162.50689204	454.90	1.50
** receptor	=B873+1 (sensitive receptor: C832)			
** DISCCART	407237.500532139	3758137.50198172	446.70	1.50
** receptor	=B874+1 (sensitive receptor: C833)			
** DISCCART	407262.501932044	3758512.50565081	473.20	1.50
** receptor	=B875+1 (sensitive receptor: C834)			
** DISCCART	407262.501932044	3758487.50074049	475.60	1.50
** receptor	=B876+1 (sensitive receptor: C835)			
** DISCCART	407262.501932044	3758462.50582813	476.10	1.50
** receptor	=B877+1 (sensitive receptor: C836)			
** DISCCART	407262.501932044	3758437.50091781	479.90	1.50
** receptor	=B878+1 (sensitive receptor: C837)			
** DISCCART	407262.501932044	3758412.50600545	475.10	1.50
** receptor	=B879+1 (sensitive receptor: C838)			
** DISCCART	407262.501932044	3758387.50109513	459.10	1.50
** receptor	=B880+1 (sensitive receptor: C839)			
** DISCCART	407262.501932044	3758362.50618277	453.60	1.50
** receptor	=B881+1 (sensitive receptor: C840)			
** DISCCART	407262.501932044	3758337.50127244	453.60	1.50
** receptor	=B882+1 (sensitive receptor: C841)			
** DISCCART	407262.501932044	3758312.50636009	456.80	1.50
** receptor	=B883+1 (sensitive receptor: C842)			
** DISCCART	407262.501932044	3758287.50144976	456.90	1.50
** receptor	=B884+1 (sensitive receptor: C843)			
** DISCCART	407262.501932044	3758262.50653741	459.20	1.50
** receptor	=B885+1 (sensitive receptor: C844)			
** DISCCART	407262.501932044	3758237.50162708	456.80	1.50
** receptor	=B886+1 (sensitive receptor: C845)			
** DISCCART	407262.501932044	3758212.50671473	453.80	1.50
** receptor	=B887+1 (sensitive receptor: C846)			
** DISCCART	407262.501932044	3758187.5018044	451.70	1.50
** receptor	=B888+1 (sensitive receptor: C847)			
** DISCCART	407262.501932044	3758162.50689204	448.30	1.50
** receptor	=B889+1 (sensitive receptor: C848)			
** DISCCART	407262.501932044	3758137.50198172	441.80	1.50
** receptor	=B890+1 (sensitive receptor: C849)			
** DISCCART	407287.50333195	3758512.50565081	479.90	1.50
** receptor	=B891+1 (sensitive receptor: C850)			
** DISCCART	407287.50333195	3758487.50074049	478.20	1.50
** receptor	=B892+1 (sensitive receptor: C851)			
** DISCCART	407287.50333195	3758462.50582813	481.80	1.50
** receptor	=B893+1 (sensitive receptor: C852)			
** DISCCART	407287.50333195	3758437.50091781	484.70	1.50
** receptor	=B894+1 (sensitive receptor: C853)			
** DISCCART	407287.50333195	3758412.50600545	481.80	1.50
** receptor	=B895+1 (sensitive receptor: C854)			
** DISCCART	407287.50333195	3758387.50109513	467.40	1.50
** receptor	=B896+1 (sensitive receptor: C855)			
** DISCCART	407287.50333195	3758362.50618277	457.10	1.50
** receptor	=B897+1 (sensitive receptor: C856)			

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** DISCCART	407287.50333195	3758337.50127244	459.20	1.50
** receptor	=B898+1 (sensitive receptor: C857)			
** DISCCART	407287.50333195	3758312.50636009	461.80	1.50
** receptor	=B899+1 (sensitive receptor: C858)			
** DISCCART	407287.50333195	3758287.50144976	462.50	1.50
** receptor	=B900+1 (sensitive receptor: C859)			
** DISCCART	407287.50333195	3758262.50653741	462.50	1.50
** receptor	=B901+1 (sensitive receptor: C860)			
** DISCCART	407287.50333195	3758237.50162708	455.90	1.50
** receptor	=B902+1 (sensitive receptor: C861)			
** DISCCART	407287.50333195	3758212.50671473	445.80	1.50
** receptor	=B903+1 (sensitive receptor: C862)			
** DISCCART	407287.50333195	3758187.5018044	443.60	1.50
** receptor	=B904+1 (sensitive receptor: C863)			
** DISCCART	407287.50333195	3758162.50689204	445.70	1.50
** receptor	=B905+1 (sensitive receptor: C864)			
** DISCCART	407287.50333195	3758137.50198172	439.50	1.50
** receptor	=B906+1 (sensitive receptor: C865)			
** DISCCART	407312.496486011	3758512.50565081	492.30	1.50
** receptor	=B907+1 (sensitive receptor: C866)			
** DISCCART	407312.496486011	3758487.50074049	496.10	1.50
** receptor	=B908+1 (sensitive receptor: C867)			
** DISCCART	407312.496486011	3758462.50582813	491.20	1.50
** receptor	=B909+1 (sensitive receptor: C868)			
** DISCCART	407312.496486011	3758437.50091781	488.60	1.50
** receptor	=B910+1 (sensitive receptor: C869)			
** DISCCART	407312.496486011	3758412.50600545	485.40	1.50
** receptor	=B911+1 (sensitive receptor: C870)			
** DISCCART	407312.496486011	3758387.50109513	475.50	1.50
** receptor	=B912+1 (sensitive receptor: C871)			
** DISCCART	407312.496486011	3758362.50618277	461.20	1.50
** receptor	=B913+1 (sensitive receptor: C872)			
** DISCCART	407312.496486011	3758337.50127244	459.30	1.50
** receptor	=B914+1 (sensitive receptor: C873)			
** DISCCART	407312.496486011	3758312.50636009	462.00	1.50
** receptor	=B915+1 (sensitive receptor: C874)			
** DISCCART	407312.496486011	3758287.50144976	461.50	1.50
** receptor	=B916+1 (sensitive receptor: C875)			
** DISCCART	407312.496486011	3758262.50653741	456.60	1.50
** receptor	=B917+1 (sensitive receptor: C876)			
** DISCCART	407312.496486011	3758237.50162708	445.10	1.50
** receptor	=B918+1 (sensitive receptor: C877)			
** DISCCART	407312.496486011	3758212.50671473	438.60	1.50
** receptor	=B919+1 (sensitive receptor: C878)			
** DISCCART	407312.496486011	3758187.5018044	438.60	1.50
** receptor	=B920+1 (sensitive receptor: C879)			
** DISCCART	407312.496486011	3758162.50689204	442.80	1.50
** receptor	=B921+1 (sensitive receptor: C880)			
** DISCCART	407312.496486011	3758137.50198172	443.60	1.50
** receptor	=B922+1 (sensitive receptor: C881)			
** DISCCART	407337.497885917	3758512.50565081	502.80	1.50
** receptor	=B923+1 (sensitive receptor: C882)			
** DISCCART	407337.497885917	3758487.50074049	501.80	1.50
** receptor	=B924+1 (sensitive receptor: C883)			
** DISCCART	407337.497885917	3758462.50582813	496.80	1.50
** receptor	=B925+1 (sensitive receptor: C884)			
** DISCCART	407337.497885917	3758437.50091781	491.20	1.50
** receptor	=B926+1 (sensitive receptor: C885)			
** DISCCART	407337.497885917	3758412.50600545	485.40	1.50
** receptor	=B927+1 (sensitive receptor: C886)			
** DISCCART	407337.497885917	3758387.50109513	478.70	1.50
** receptor	=B928+1 (sensitive receptor: C887)			
** DISCCART	407337.497885917	3758362.50618277	460.80	1.50
** receptor	=B929+1 (sensitive receptor: C888)			
** DISCCART	407337.497885917	3758337.50127244	456.60	1.50
** receptor	=B930+1 (sensitive receptor: C889)			
** DISCCART	407337.497885917	3758312.50636009	453.70	1.50
** receptor	=B931+1 (sensitive receptor: C890)			
** DISCCART	407337.497885917	3758287.50144976	450.10	1.50
** receptor	=B932+1 (sensitive receptor: C891)			
** DISCCART	407337.497885917	3758262.50653741	445.50	1.50
** receptor	=B933+1 (sensitive receptor: C892)			
** DISCCART	407337.497885917	3758237.50162708	440.20	1.50
** receptor	=B934+1 (sensitive receptor: C893)			
** DISCCART	407337.497885917	3758212.50671473	434.50	1.50
** receptor	=B935+1 (sensitive receptor: C894)			

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** DISCCART	407337.497885917	3758187.5018044	433.80	1.50
** receptor	=B936+1 (sensitive receptor: C895)			
** DISCCART	407337.497885917	3758162.50689204	441.20	1.50
** receptor	=B937+1 (sensitive receptor: C896)			
** DISCCART	407337.497885917	3758137.50198172	442.90	1.50
** receptor	=B938+1 (sensitive receptor: C897)			
** DISCCART	407362.499285822	3758512.50565081	502.60	1.50
** receptor	=B939+1 (sensitive receptor: C898)			
** DISCCART	407362.499285822	3758487.50074049	501.80	1.50
** receptor	=B940+1 (sensitive receptor: C899)			
** DISCCART	407362.499285822	3758462.50582813	496.80	1.50
** receptor	=B941+1 (sensitive receptor: C900)			
** DISCCART	407362.499285822	3758437.50091781	490.90	1.50
** receptor	=B942+1 (sensitive receptor: C901)			
** DISCCART	407362.499285822	3758412.50600545	485.40	1.50
** receptor	=B943+1 (sensitive receptor: C902)			
** DISCCART	407362.499285822	3758387.50109513	478.80	1.50
** receptor	=B944+1 (sensitive receptor: C903)			
** DISCCART	407362.499285822	3758362.50618277	464.50	1.50
** receptor	=B945+1 (sensitive receptor: C904)			
** DISCCART	407362.499285822	3758337.50127244	456.80	1.50
** receptor	=B946+1 (sensitive receptor: C905)			
** DISCCART	407362.499285822	3758312.50636009	448.10	1.50
** receptor	=B947+1 (sensitive receptor: C906)			
** DISCCART	407362.499285822	3758287.50144976	441.90	1.50
** receptor	=B948+1 (sensitive receptor: C907)			
** DISCCART	407362.499285822	3758262.50653741	436.90	1.50
** receptor	=B949+1 (sensitive receptor: C908)			
** DISCCART	407362.499285822	3758237.50162708	424.60	1.50
** receptor	=B950+1 (sensitive receptor: C909)			
** DISCCART	407362.499285822	3758212.50671473	424.10	1.50
** receptor	=B951+1 (sensitive receptor: C910)			
** DISCCART	407362.499285822	3758187.5018044	421.30	1.50
** receptor	=B952+1 (sensitive receptor: C911)			
** DISCCART	407362.499285822	3758162.50689204	428.40	1.50
** receptor	=B953+1 (sensitive receptor: C912)			
** DISCCART	407362.499285822	3758137.50198172	434.50	1.50
** receptor	=B954+1 (sensitive receptor: C913)			
** DISCCART	407387.500685728	3758512.50565081	498.90	1.50
** receptor	=B955+1 (sensitive receptor: C914)			
** DISCCART	407387.500685728	3758487.50074049	499.30	1.50
** receptor	=B956+1 (sensitive receptor: C915)			
** DISCCART	407387.500685728	3758462.50582813	492.20	1.50
** receptor	=B957+1 (sensitive receptor: C916)			
** DISCCART	407387.500685728	3758437.50091781	483.60	1.50
** receptor	=B958+1 (sensitive receptor: C917)			
** DISCCART	407387.500685728	3758412.50600545	482.50	1.50
** receptor	=B959+1 (sensitive receptor: C918)			
** DISCCART	407387.500685728	3758387.50109513	478.80	1.50
** receptor	=B960+1 (sensitive receptor: C919)			
** DISCCART	407387.500685728	3758362.50618277	467.30	1.50
** receptor	=B961+1 (sensitive receptor: C920)			
** DISCCART	407387.500685728	3758337.50127244	462.40	1.50
** receptor	=B962+1 (sensitive receptor: C921)			
** DISCCART	407387.500685728	3758312.50636009	451.80	1.50
** receptor	=B963+1 (sensitive receptor: C922)			
** DISCCART	407387.500685728	3758287.50144976	442.00	1.50
** receptor	=B964+1 (sensitive receptor: C923)			
** DISCCART	407387.500685728	3758262.50653741	430.80	1.50
** receptor	=B965+1 (sensitive receptor: C924)			
** DISCCART	407387.500685728	3758237.50162708	419.80	1.50
** receptor	=B966+1 (sensitive receptor: C925)			
** DISCCART	407387.500685728	3758212.50671473	408.90	1.50
** receptor	=B967+1 (sensitive receptor: C926)			
** DISCCART	407387.500685728	3758187.5018044	394.30	1.50
** receptor	=B968+1 (sensitive receptor: C927)			
** DISCCART	407387.500685728	3758162.50689204	394.70	1.50
** receptor	=B969+1 (sensitive receptor: C928)			
** DISCCART	407387.500685728	3758137.50198172	398.00	1.50
** receptor	=B970+1 (sensitive receptor: C929)			
** DISCCART	407412.502085634	3758512.50565081	496.20	1.50
** receptor	=B971+1 (sensitive receptor: C930)			
** DISCCART	407412.502085634	3758487.50074049	495.20	1.50
** receptor	=B972+1 (sensitive receptor: C931)			
** DISCCART	407412.502085634	3758462.50582813	487.40	1.50
** receptor	=B973+1 (sensitive receptor: C932)			

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** DISCCART	407412.502085634	3758437.50091781	478.80	1.50
** receptor	=B974+1 (sensitive receptor: C933)			
** DISCCART	407412.502085634	3758412.50600545	475.60	1.50
** receptor	=B975+1 (sensitive receptor: C934)			
** DISCCART	407412.502085634	3758387.50109513	475.60	1.50
** receptor	=B976+1 (sensitive receptor: C935)			
** DISCCART	407412.502085634	3758362.50618277	468.90	1.50
** receptor	=B977+1 (sensitive receptor: C936)			
** DISCCART	407412.502085634	3758337.50127244	462.40	1.50
** receptor	=B978+1 (sensitive receptor: C937)			
** DISCCART	407412.502085634	3758312.50636009	458.40	1.50
** receptor	=B979+1 (sensitive receptor: C938)			
** DISCCART	407412.502085634	3758287.50144976	447.80	1.50
** receptor	=B980+1 (sensitive receptor: C939)			
** DISCCART	407412.502085634	3758262.50653741	438.20	1.50
** receptor	=B981+1 (sensitive receptor: C940)			
** DISCCART	407412.502085634	3758237.50162708	424.90	1.50
** receptor	=B982+1 (sensitive receptor: C941)			
** DISCCART	407412.502085634	3758212.50671473	411.40	1.50
** receptor	=B983+1 (sensitive receptor: C942)			
** DISCCART	407412.502085634	3758187.5018044	399.60	1.50
** receptor	=B984+1 (sensitive receptor: C943)			
** DISCCART	407412.502085634	3758162.50689204	395.00	1.50
** receptor	=B985+1 (sensitive receptor: C944)			
** DISCCART	407412.502085634	3758137.50198172	390.30	1.50
** receptor	=B986+1 (sensitive receptor: C945)			
** DISCCART	407437.495239695	3758512.50565081	503.70	1.50
** receptor	=B987+1 (sensitive receptor: C946)			
** DISCCART	407437.495239695	3758487.50074049	503.70	1.50
** receptor	=B988+1 (sensitive receptor: C947)			
** DISCCART	407437.495239695	3758462.50582813	503.30	1.50
** receptor	=B989+1 (sensitive receptor: C948)			
** DISCCART	407437.495239695	3758437.50091781	494.10	1.50
** receptor	=B990+1 (sensitive receptor: C949)			
** DISCCART	407437.495239695	3758412.50600545	482.30	1.50
** receptor	=B991+1 (sensitive receptor: C950)			
** DISCCART	407437.495239695	3758387.50109513	475.50	1.50
** receptor	=B992+1 (sensitive receptor: C951)			
** DISCCART	407437.495239695	3758362.50618277	469.00	1.50
** receptor	=B993+1 (sensitive receptor: C952)			
** DISCCART	407437.495239695	3758337.50127244	465.80	1.50
** receptor	=B994+1 (sensitive receptor: C953)			
** DISCCART	407437.495239695	3758312.50636009	462.10	1.50
** receptor	=B995+1 (sensitive receptor: C954)			
** DISCCART	407437.495239695	3758287.50144976	458.40	1.50
** receptor	=B996+1 (sensitive receptor: C955)			
** DISCCART	407437.495239695	3758262.50653741	442.80	1.50
** receptor	=B997+1 (sensitive receptor: C956)			
** DISCCART	407437.495239695	3758237.50162708	432.20	1.50
** receptor	=B998+1 (sensitive receptor: C957)			
** DISCCART	407437.495239695	3758212.50671473	427.20	1.50
** receptor	=B999+1 (sensitive receptor: C958)			
** DISCCART	407437.495239695	3758187.5018044	424.90	1.50
** receptor	=B1000+1 (sensitive receptor: C959)			
** DISCCART	407437.495239695	3758162.50689204	420.00	1.50
** receptor	=B1001+1 (sensitive receptor: C960)			
** DISCCART	407437.495239695	3758137.50198172	409.50	1.50
** receptor	=B1002+1 (sensitive receptor: C961)			
** DISCCART	407462.4966396	3758512.50565081	519.20	1.50
** receptor	=B1003+1 (sensitive receptor: C962)			
** DISCCART	407462.4966396	3758487.50074049	519.20	1.50
** receptor	=B1004+1 (sensitive receptor: C963)			
** DISCCART	407462.4966396	3758462.50582813	522.90	1.50
** receptor	=B1005+1 (sensitive receptor: C964)			
** DISCCART	407462.4966396	3758437.50091781	512.40	1.50
** receptor	=B1006+1 (sensitive receptor: C965)			
** DISCCART	407462.4966396	3758412.50600545	490.10	1.50
** receptor	=B1007+1 (sensitive receptor: C966)			
** DISCCART	407462.4966396	3758387.50109513	475.50	1.50
** receptor	=B1008+1 (sensitive receptor: C967)			
** DISCCART	407462.4966396	3758362.50618277	463.10	1.50
** receptor	=B1009+1 (sensitive receptor: C968)			
** DISCCART	407462.4966396	3758337.50127244	461.60	1.50
** receptor	=B1010+1 (sensitive receptor: C969)			
** DISCCART	407462.4966396	3758312.50636009	461.60	1.50
** receptor	=B1011+1 (sensitive receptor: C970)			

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DISCCART 407462.4966396 3758287.50144976 462.50 1.50
 ** receptor =B1012+1 (sensitive receptor: C971)
 DISCCART 407462.4966396 3758262.50653741 456.30 1.50
 ** receptor =B1013+1 (sensitive receptor: C972)
 DISCCART 407462.4966396 3758237.50162708 442.30 1.50
 ** receptor =B1014+1 (sensitive receptor: C973)
 DISCCART 407462.4966396 3758212.50671473 437.60 1.50
 ** receptor =B1015+1 (sensitive receptor: C974)
 DISCCART 407462.4966396 3758187.5018044 434.80 1.50
 ** receptor =B1016+1 (sensitive receptor: C975)
 DISCCART 407462.4966396 3758162.50689204 429.80 1.50
 ** receptor =B1017+1 (sensitive receptor: C976)
 DISCCART 407462.4966396 3758137.50198172 424.90 1.50
 ** receptor =B1018+1 (sensitive receptor: C977)
 DISCCART 407487.498039506 3758512.50565081 518.10 1.50
 ** receptor =B1019+1 (sensitive receptor: C978)
 DISCCART 407487.498039506 3758487.50074049 528.10 1.50
 ** receptor =B1020+1 (sensitive receptor: C979)
 DISCCART 407487.498039506 3758462.50582813 526.70 1.50
 ** receptor =B1021+1 (sensitive receptor: C980)
 DISCCART 407487.498039506 3758437.50091781 512.20 1.50
 ** receptor =B1022+1 (sensitive receptor: C981)
 DISCCART 407487.498039506 3758412.50600545 488.90 1.50
 ** receptor =B1023+1 (sensitive receptor: C982)
 DISCCART 407487.498039506 3758387.50109513 472.90 1.50
 ** receptor =B1024+1 (sensitive receptor: C983)
 DISCCART 407487.498039506 3758362.50618277 462.10 1.50
 ** receptor =B1025+1 (sensitive receptor: C984)
 DISCCART 407487.498039506 3758337.50127244 459.20 1.50
 ** receptor =B1026+1 (sensitive receptor: C985)
 DISCCART 407487.498039506 3758312.50636009 459.20 1.50
 ** receptor =B1027+1 (sensitive receptor: C986)
 DISCCART 407487.498039506 3758287.50144976 461.80 1.50
 ** receptor =B1028+1 (sensitive receptor: C987)
 DISCCART 407487.498039506 3758262.50653741 461.80 1.50
 ** receptor =B1029+1 (sensitive receptor: C988)
 DISCCART 407487.498039506 3758237.50162708 458.50 1.50
 ** receptor =B1030+1 (sensitive receptor: C989)
 DISCCART 407487.498039506 3758212.50671473 454.80 1.50
 ** receptor =B1031+1 (sensitive receptor: C990)
 DISCCART 407487.498039506 3758187.5018044 447.90 1.50
 ** receptor =B1032+1 (sensitive receptor: C991)
 DISCCART 407487.498039506 3758162.50689204 444.60 1.50
 ** receptor =B1033+1 (sensitive receptor: C992)
 DISCCART 407487.498039506 3758137.50198172 441.30 1.50
 ** receptor =B1034+1 (sensitive receptor: C993)
 DISCCART 407512.499439412 3758512.50565081 491.60 1.50
 ** receptor =B1035+1 (sensitive receptor: C994)
 DISCCART 407512.499439412 3758487.50074049 495.00 1.50
 ** receptor =B1036+1 (sensitive receptor: C995)
 DISCCART 407512.499439412 3758462.50582813 504.30 1.50
 ** receptor =B1037+1 (sensitive receptor: C996)
 DISCCART 407512.499439412 3758437.50091781 496.60 1.50
 ** receptor =B1038+1 (sensitive receptor: C997)
 DISCCART 407512.499439412 3758412.50600545 478.90 1.50
 ** receptor =B1039+1 (sensitive receptor: C998)
 DISCCART 407512.499439412 3758387.50109513 468.00 1.50
 ** receptor =B1040+1 (sensitive receptor: C999)
 DISCCART 407512.499439412 3758362.50618277 462.00 1.50
 ** receptor =B1041+1 (sensitive receptor: C1000)
 DISCCART 407512.499439412 3758337.50127244 466.70 1.50
 ** receptor =B1042+1 (sensitive receptor: C1001)
 DISCCART 407512.499439412 3758312.50636009 467.10 1.50
 ** receptor =B1043+1 (sensitive receptor: C1002)
 DISCCART 407512.499439412 3758287.50144976 466.70 1.50
 ** receptor =B1044+1 (sensitive receptor: C1003)
 DISCCART 407512.499439412 3758262.50653741 466.70 1.50
 ** receptor =B1045+1 (sensitive receptor: C1004)
 DISCCART 407512.499439412 3758237.50162708 463.40 1.50
 ** receptor =B1046+1 (sensitive receptor: C1005)
 DISCCART 407512.499439412 3758212.50671473 463.40 1.50
 ** receptor =B1047+1 (sensitive receptor: C1006)
 DISCCART 407512.499439412 3758187.5018044 461.00 1.50
 ** receptor =B1048+1 (sensitive receptor: C1007)
 DISCCART 407512.499439412 3758162.50689204 459.30 1.50
 ** receptor =B1049+1 (sensitive receptor: C1008)

Appendix B

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DISCCART 407512.499439412 3758137.50198172 453.60 1.50
 ** receptor =B1050+1 (sensitive receptor: C1009)
 DISCCART 407537.500839317 3758512.50565081 0.00 1.50
 ** receptor =B1051+1 (sensitive receptor: C1010)
 DISCCART 407537.500839317 3758487.50074049 0.00 1.50
 ** receptor =B1052+1 (sensitive receptor: C1011)
 DISCCART 407537.500839317 3758462.50582813 0.00 1.50
 ** receptor =B1053+1 (sensitive receptor: C1012)
 DISCCART 407537.500839317 3758437.50091781 0.00 1.50
 ** receptor =B1054+1 (sensitive receptor: C1013)
 DISCCART 407537.500839317 3758412.50600545 0.00 1.50
 ** receptor =B1055+1 (sensitive receptor: C1014)
 DISCCART 407537.500839317 3758387.50109513 0.00 1.50
 ** receptor =B1056+1 (sensitive receptor: C1015)
 DISCCART 407537.500839317 3758362.50618277 0.00 1.50
 ** receptor =B1057+1 (sensitive receptor: C1016)
 DISCCART 407537.500839317 3758337.50127244 0.00 1.50
 ** receptor =B1058+1 (sensitive receptor: C1017)
 DISCCART 407537.500839317 3758312.50636009 0.00 1.50
 ** receptor =B1059+1 (sensitive receptor: C1018)
 DISCCART 407537.500839317 3758287.50144976 0.00 1.50
 ** receptor =B1060+1 (sensitive receptor: C1019)
 DISCCART 407537.500839317 3758262.50653741 0.00 1.50
 ** receptor =B1061+1 (sensitive receptor: C1020)
 DISCCART 407537.500839317 3758237.50162708 0.00 1.50
 ** receptor =B1062+1 (sensitive receptor: C1021)
 DISCCART 407537.500839317 3758212.50671473 0.00 1.50
 ** receptor =B1063+1 (sensitive receptor: C1022)
 DISCCART 407537.500839317 3758187.5018044 0.00 1.50
 ** receptor =B1064+1 (sensitive receptor: C1023)
 DISCCART 407537.500839317 3758162.50689204 0.00 1.50
 ** receptor =B1065+1 (sensitive receptor: C1024)
 DISCCART 407537.500839317 3758137.50198172 0.00 1.50
 ** receptor =B1066+1 (sensitive receptor: C1025)
 DISCCART 407562.502239223 3758512.50565081 0.00 1.50
 ** receptor =B1067+1 (sensitive receptor: C1026)
 DISCCART 407562.502239223 3758487.50074049 0.00 1.50
 ** receptor =B1068+1 (sensitive receptor: C1027)
 DISCCART 407562.502239223 3758462.50582813 0.00 1.50
 ** receptor =B1069+1 (sensitive receptor: C1028)
 DISCCART 407562.502239223 3758437.50091781 0.00 1.50
 ** receptor =B1070+1 (sensitive receptor: C1029)
 DISCCART 407562.502239223 3758412.50600545 0.00 1.50
 ** receptor =B1071+1 (sensitive receptor: C1030)
 DISCCART 407562.502239223 3758387.50109513 0.00 1.50
 ** receptor =B1072+1 (sensitive receptor: C1031)
 DISCCART 407562.502239223 3758362.50618277 0.00 1.50
 ** receptor =B1073+1 (sensitive receptor: C1032)
 DISCCART 407562.502239223 3758337.50127244 0.00 1.50
 ** receptor =B1074+1 (sensitive receptor: C1033)
 DISCCART 407562.502239223 3758312.50636009 0.00 1.50
 ** receptor =B1075+1 (sensitive receptor: C1034)
 DISCCART 407562.502239223 3758287.50144976 0.00 1.50
 ** receptor =B1076+1 (sensitive receptor: C1035)
 DISCCART 407562.502239223 3758262.50653741 0.00 1.50
 ** receptor =B1077+1 (sensitive receptor: C1036)
 DISCCART 407562.502239223 3758237.50162708 0.00 1.50
 ** receptor =B1078+1 (sensitive receptor: C1037)
 DISCCART 407562.502239223 3758212.50671473 0.00 1.50
 ** receptor =B1079+1 (sensitive receptor: C1038)
 DISCCART 407562.502239223 3758187.5018044 0.00 1.50
 ** receptor =B1080+1 (sensitive receptor: C1039)
 DISCCART 407562.502239223 3758162.50689204 0.00 1.50
 ** receptor =B1081+1 (sensitive receptor: C1040)
 DISCCART 407562.502239223 3758137.50198172 0.00 1.50
 ** receptor =B1082+1 (sensitive receptor: C1041)
 DISCCART 407587.495393284 3758512.50565081 0.00 1.50
 ** receptor =B1083+1 (sensitive receptor: C1042)
 DISCCART 407587.495393284 3758487.50074049 0.00 1.50
 ** receptor =B1084+1 (sensitive receptor: C1043)
 DISCCART 407587.495393284 3758462.50582813 0.00 1.50
 ** receptor =B1085+1 (sensitive receptor: C1044)
 DISCCART 407587.495393284 3758437.50091781 0.00 1.50
 ** receptor =B1086+1 (sensitive receptor: C1045)
 DISCCART 407587.495393284 3758412.50600545 0.00 1.50
 ** receptor =B1087+1 (sensitive receptor: C1046)

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DISCCART 407587.495393284 3758387.50109513 0.00 1.50
 ** receptor =B1088+1 (sensitive receptor: C1047)
 DISCCART 407587.495393284 3758362.50618277 0.00 1.50
 ** receptor =B1089+1 (sensitive receptor: C1048)
 DISCCART 407587.495393284 3758337.50127244 0.00 1.50
 ** receptor =B1090+1 (sensitive receptor: C1049)
 DISCCART 407587.495393284 3758312.50636009 0.00 1.50
 ** receptor =B1091+1 (sensitive receptor: C1050)
 DISCCART 407587.495393284 3758287.50144976 0.00 1.50
 ** receptor =B1092+1 (sensitive receptor: C1051)
 DISCCART 407587.495393284 3758262.50653741 0.00 1.50
 ** receptor =B1093+1 (sensitive receptor: C1052)
 DISCCART 407587.495393284 3758237.50162708 0.00 1.50
 ** receptor =B1094+1 (sensitive receptor: C1053)
 DISCCART 407587.495393284 3758212.50671473 0.00 1.50
 ** receptor =B1095+1 (sensitive receptor: C1054)
 DISCCART 407587.495393284 3758187.5018044 0.00 1.50
 ** receptor =B1096+1 (sensitive receptor: C1055)
 DISCCART 407587.495393284 3758162.50689204 0.00 1.50
 ** receptor =B1097+1 (sensitive receptor: C1056)
 DISCCART 407587.495393284 3758137.50198172 0.00 1.50
 ** receptor =B1098+1 (sensitive receptor: C1057)
 DISCCART 407612.49679319 3758512.50565081 0.00 1.50
 ** receptor =B1099+1 (sensitive receptor: C1058)
 DISCCART 407612.49679319 3758487.50074049 0.00 1.50
 ** receptor =B1100+1 (sensitive receptor: C1059)
 DISCCART 407612.49679319 3758462.50582813 0.00 1.50
 ** receptor =B1101+1 (sensitive receptor: C1060)
 DISCCART 407612.49679319 3758437.50091781 0.00 1.50
 ** receptor =B1102+1 (sensitive receptor: C1061)
 DISCCART 407612.49679319 3758412.50600545 0.00 1.50
 ** receptor =B1103+1 (sensitive receptor: C1062)
 DISCCART 407612.49679319 3758387.50109513 0.00 1.50
 ** receptor =B1104+1 (sensitive receptor: C1063)
 DISCCART 407612.49679319 3758362.50618277 0.00 1.50
 ** receptor =B1105+1 (sensitive receptor: C1064)
 DISCCART 407612.49679319 3758337.50127244 0.00 1.50
 ** receptor =B1106+1 (sensitive receptor: C1065)
 DISCCART 407612.49679319 3758312.50636009 0.00 1.50
 ** receptor =B1107+1 (sensitive receptor: C1066)
 DISCCART 407612.49679319 3758287.50144976 0.00 1.50
 ** receptor =B1108+1 (sensitive receptor: C1067)
 DISCCART 407612.49679319 3758262.50653741 0.00 1.50
 ** receptor =B1109+1 (sensitive receptor: C1068)
 DISCCART 407612.49679319 3758237.50162708 0.00 1.50
 ** receptor =B1110+1 (sensitive receptor: C1069)
 DISCCART 407612.49679319 3758212.50671473 0.00 1.50
 ** receptor =B1111+1 (sensitive receptor: C1070)
 DISCCART 407612.49679319 3758187.5018044 0.00 1.50
 ** receptor =B1112+1 (sensitive receptor: C1071)
 DISCCART 407612.49679319 3758162.50689204 0.00 1.50
 ** receptor =B1113+1 (sensitive receptor: C1072)
 DISCCART 407612.49679319 3758137.50198172 0.00 1.50
 ** receptor =B1114+1 (sensitive receptor: C1073)
 DISCCART 407637.498193095 3758512.50565081 0.00 1.50
 ** receptor =B1115+1 (sensitive receptor: C1074)
 DISCCART 407637.498193095 3758487.50074049 0.00 1.50
 ** receptor =B1116+1 (sensitive receptor: C1075)
 DISCCART 407637.498193095 3758462.50582813 0.00 1.50
 ** receptor =B1117+1 (sensitive receptor: C1076)
 DISCCART 407637.498193095 3758437.50091781 0.00 1.50
 ** receptor =B1118+1 (sensitive receptor: C1077)
 DISCCART 407637.498193095 3758412.50600545 0.00 1.50
 ** receptor =B1119+1 (sensitive receptor: C1078)
 DISCCART 407637.498193095 3758387.50109513 0.00 1.50
 ** receptor =B1120+1 (sensitive receptor: C1079)
 DISCCART 407637.498193095 3758362.50618277 0.00 1.50
 ** receptor =B1121+1 (sensitive receptor: C1080)
 DISCCART 407637.498193095 3758337.50127244 0.00 1.50
 ** receptor =B1122+1 (sensitive receptor: C1081)
 DISCCART 407637.498193095 3758312.50636009 0.00 1.50
 ** receptor =B1123+1 (sensitive receptor: C1082)
 DISCCART 407637.498193095 3758287.50144976 0.00 1.50
 ** receptor =B1124+1 (sensitive receptor: C1083)
 DISCCART 407637.498193095 3758262.50653741 0.00 1.50
 ** receptor =B1125+1 (sensitive receptor: C1084)

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DISCCART 407637.498193095 3758237.50162708 0.00 1.50
 ** receptor =B1126+1 (sensitive receptor: C1085)
 DISCCART 407637.498193095 3758212.50671473 0.00 1.50
 ** receptor =B1127+1 (sensitive receptor: C1086)
 DISCCART 407637.498193095 3758187.5018044 0.00 1.50
 ** receptor =B1128+1 (sensitive receptor: C1087)
 DISCCART 407637.498193095 3758162.50689204 0.00 1.50
 ** receptor =B1129+1 (sensitive receptor: C1088)
 DISCCART 407637.498193095 3758137.50198172 0.00 1.50
 ** receptor =B1130+1 (sensitive receptor: C1089)
 DISCCART 407662.499593001 3758512.50565081 0.00 1.50
 ** receptor =B1131+1 (sensitive receptor: C1090)
 DISCCART 407662.499593001 3758487.50074049 0.00 1.50
 ** receptor =B1132+1 (sensitive receptor: C1091)
 DISCCART 407662.499593001 3758462.50582813 0.00 1.50
 ** receptor =B1133+1 (sensitive receptor: C1092)
 DISCCART 407662.499593001 3758437.50091781 0.00 1.50
 ** receptor =B1134+1 (sensitive receptor: C1093)
 DISCCART 407662.499593001 3758412.50600545 0.00 1.50
 ** receptor =B1135+1 (sensitive receptor: C1094)
 DISCCART 407662.499593001 3758387.50109513 0.00 1.50
 ** receptor =B1136+1 (sensitive receptor: C1095)
 DISCCART 407662.499593001 3758362.50618277 0.00 1.50
 ** receptor =B1137+1 (sensitive receptor: C1096)
 DISCCART 407662.499593001 3758337.50127244 0.00 1.50
 ** receptor =B1138+1 (sensitive receptor: C1097)
 DISCCART 407662.499593001 3758312.50636009 0.00 1.50
 ** receptor =B1139+1 (sensitive receptor: C1098)
 DISCCART 407662.499593001 3758287.50144976 0.00 1.50
 ** receptor =B1140+1 (sensitive receptor: C1099)
 DISCCART 407662.499593001 3758262.50653741 0.00 1.50
 ** receptor =B1141+1 (sensitive receptor: C1100)
 DISCCART 407662.499593001 3758237.50162708 0.00 1.50
 ** receptor =B1142+1 (sensitive receptor: C1101)
 DISCCART 407662.499593001 3758212.50671473 0.00 1.50
 ** receptor =B1143+1 (sensitive receptor: C1102)
 DISCCART 407662.499593001 3758187.5018044 0.00 1.50
 ** receptor =B1144+1 (sensitive receptor: C1103)
 DISCCART 407662.499593001 3758162.50689204 0.00 1.50
 ** receptor =B1145+1 (sensitive receptor: C1104)
 DISCCART 407662.499593001 3758137.50198172 0.00 1.50
 ** receptor =B1146+1 (sensitive receptor: C1105)
 DISCCART 407687.500992907 3758512.50565081 0.00 1.50
 ** receptor =B1147+1 (sensitive receptor: C1106)
 DISCCART 407687.500992907 3758487.50074049 0.00 1.50
 ** receptor =B1148+1 (sensitive receptor: C1107)
 DISCCART 407687.500992907 3758462.50582813 0.00 1.50
 ** receptor =B1149+1 (sensitive receptor: C1108)
 DISCCART 407687.500992907 3758437.50091781 0.00 1.50
 ** receptor =B1150+1 (sensitive receptor: C1109)
 DISCCART 407687.500992907 3758412.50600545 0.00 1.50
 ** receptor =B1151+1 (sensitive receptor: C1110)
 DISCCART 407687.500992907 3758387.50109513 0.00 1.50
 ** receptor =B1152+1 (sensitive receptor: C1111)
 DISCCART 407687.500992907 3758362.50618277 0.00 1.50
 ** receptor =B1153+1 (sensitive receptor: C1112)
 DISCCART 407687.500992907 3758337.50127244 0.00 1.50
 ** receptor =B1154+1 (sensitive receptor: C1113)
 DISCCART 407687.500992907 3758312.50636009 0.00 1.50
 ** receptor =B1155+1 (sensitive receptor: C1114)
 DISCCART 407687.500992907 3758287.50144976 0.00 1.50
 ** receptor =B1156+1 (sensitive receptor: C1115)
 DISCCART 407687.500992907 3758262.50653741 0.00 1.50
 ** receptor =B1157+1 (sensitive receptor: C1116)
 DISCCART 407687.500992907 3758237.50162708 0.00 1.50
 ** receptor =B1158+1 (sensitive receptor: C1117)
 DISCCART 407687.500992907 3758212.50671473 0.00 1.50
 ** receptor =B1159+1 (sensitive receptor: C1118)
 DISCCART 407687.500992907 3758187.5018044 0.00 1.50
 ** receptor =B1160+1 (sensitive receptor: C1119)
 DISCCART 407687.500992907 3758162.50689204 0.00 1.50
 ** receptor =B1161+1 (sensitive receptor: C1120)
 DISCCART 407687.500992907 3758137.50198172 0.00 1.50
 ** receptor =B1162+1 (sensitive receptor: C1121)
 DISCCART 407712.502392812 3758512.50565081 0.00 1.50
 ** receptor =B1163+1 (sensitive receptor: C1122)

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DISCCART 407712.502392812 3758487.50074049 0.00 1.50
 ** receptor =B1164+1 (sensitive receptor: C1123)
 DISCCART 407712.502392812 3758462.50582813 0.00 1.50
 ** receptor =B1165+1 (sensitive receptor: C1124)
 DISCCART 407712.502392812 3758437.50091781 0.00 1.50
 ** receptor =B1166+1 (sensitive receptor: C1125)
 DISCCART 407712.502392812 3758412.50600545 0.00 1.50
 ** receptor =B1167+1 (sensitive receptor: C1126)
 DISCCART 407712.502392812 3758387.50109513 0.00 1.50
 ** receptor =B1168+1 (sensitive receptor: C1127)
 DISCCART 407712.502392812 3758362.50618277 0.00 1.50
 ** receptor =B1169+1 (sensitive receptor: C1128)
 DISCCART 407712.502392812 3758337.50127244 0.00 1.50
 ** receptor =B1170+1 (sensitive receptor: C1129)
 DISCCART 407712.502392812 3758312.50636009 0.00 1.50
 ** receptor =B1171+1 (sensitive receptor: C1130)
 DISCCART 407712.502392812 3758287.50144976 0.00 1.50
 ** receptor =B1172+1 (sensitive receptor: C1131)
 DISCCART 407712.502392812 3758262.50653741 0.00 1.50
 ** receptor =B1173+1 (sensitive receptor: C1132)
 DISCCART 407712.502392812 3758237.50162708 0.00 1.50
 ** receptor =B1174+1 (sensitive receptor: C1133)
 DISCCART 407712.502392812 3758212.50671473 0.00 1.50
 ** receptor =B1175+1 (sensitive receptor: C1134)
 DISCCART 407712.502392812 3758187.5018044 0.00 1.50
 ** receptor =B1176+1 (sensitive receptor: C1135)
 DISCCART 407712.502392812 3758162.50689204 0.00 1.50
 ** receptor =B1177+1 (sensitive receptor: C1136)
 DISCCART 407712.502392812 3758137.50198172 0.00 1.50
 ** receptor =B1178+1 (sensitive receptor: C1137)
 DISCCART 407737.495546874 3758512.50565081 0.00 1.50
 ** receptor =B1179+1 (sensitive receptor: C1138)
 DISCCART 407737.495546874 3758487.50074049 0.00 1.50
 ** receptor =B1180+1 (sensitive receptor: C1139)
 DISCCART 407737.495546874 3758462.50582813 0.00 1.50
 ** receptor =B1181+1 (sensitive receptor: C1140)
 DISCCART 407737.495546874 3758437.50091781 0.00 1.50
 ** receptor =B1182+1 (sensitive receptor: C1141)
 DISCCART 407737.495546874 3758412.50600545 0.00 1.50
 ** receptor =B1183+1 (sensitive receptor: C1142)
 DISCCART 407737.495546874 3758387.50109513 0.00 1.50
 ** receptor =B1184+1 (sensitive receptor: C1143)
 DISCCART 407737.495546874 3758362.50618277 0.00 1.50
 ** receptor =B1185+1 (sensitive receptor: C1144)
 DISCCART 407737.495546874 3758337.50127244 0.00 1.50
 ** receptor =B1186+1 (sensitive receptor: C1145)
 DISCCART 407737.495546874 3758312.50636009 0.00 1.50
 ** receptor =B1187+1 (sensitive receptor: C1146)
 DISCCART 407737.495546874 3758287.50144976 0.00 1.50
 ** receptor =B1188+1 (sensitive receptor: C1147)
 DISCCART 407737.495546874 3758262.50653741 0.00 1.50
 ** receptor =B1189+1 (sensitive receptor: C1148)
 DISCCART 407737.495546874 3758237.50162708 0.00 1.50
 ** receptor =B1190+1 (sensitive receptor: C1149)
 DISCCART 407737.495546874 3758212.50671473 0.00 1.50
 ** receptor =B1191+1 (sensitive receptor: C1150)
 DISCCART 407737.495546874 3758187.5018044 0.00 1.50
 ** receptor =B1192+1 (sensitive receptor: C1151)
 DISCCART 407737.495546874 3758162.50689204 0.00 1.50
 ** receptor =B1193+1 (sensitive receptor: C1152)
 DISCCART 407737.495546874 3758137.50198172 0.00 1.50
 ** receptor =B1194+1 (sensitive receptor: C1153)
 DISCCART 407762.496946779 3758512.50565081 0.00 1.50
 ** receptor =B1195+1 (sensitive receptor: C1154)
 DISCCART 407762.496946779 3758487.50074049 0.00 1.50
 ** receptor =B1196+1 (sensitive receptor: C1155)
 DISCCART 407762.496946779 3758462.50582813 0.00 1.50
 ** receptor =B1197+1 (sensitive receptor: C1156)
 DISCCART 407762.496946779 3758437.50091781 0.00 1.50
 ** receptor =B1198+1 (sensitive receptor: C1157)
 DISCCART 407762.496946779 3758412.50600545 0.00 1.50
 ** receptor =B1199+1 (sensitive receptor: C1158)
 DISCCART 407762.496946779 3758387.50109513 0.00 1.50
 ** receptor =B1200+1 (sensitive receptor: C1159)
 DISCCART 407762.496946779 3758362.50618277 0.00 1.50
 ** receptor =B1201+1 (sensitive receptor: C1160)

Appendix B

PM 24 hour Emissions Mitigated

DISCCART 407762.496946779 3758337.50127244 0.00 1.50
 ** receptor =B1202+1 (sensitive receptor: C1161)
 DISCCART 407762.496946779 3758312.50636009 0.00 1.50
 ** receptor =B1203+1 (sensitive receptor: C1162)
 DISCCART 407762.496946779 3758287.50144976 0.00 1.50
 ** receptor =B1204+1 (sensitive receptor: C1163)
 DISCCART 407762.496946779 3758262.50653741 0.00 1.50
 ** receptor =B1205+1 (sensitive receptor: C1164)
 DISCCART 407762.496946779 3758237.50162708 0.00 1.50
 ** receptor =B1206+1 (sensitive receptor: C1165)
 DISCCART 407762.496946779 3758212.50671473 0.00 1.50
 ** receptor =B1207+1 (sensitive receptor: C1166)
 DISCCART 407762.496946779 3758187.5018044 0.00 1.50
 ** receptor =B1208+1 (sensitive receptor: C1167)
 DISCCART 407762.496946779 3758162.50689204 0.00 1.50
 ** receptor =B1209+1 (sensitive receptor: C1168)
 DISCCART 407762.496946779 3758137.50198172 0.00 1.50
 ** receptor =B1210+1 (sensitive receptor: C1169)
 DISCCART 407787.498346685 3758512.50565081 0.00 1.50
 ** receptor =B1211+1 (sensitive receptor: C1170)
 DISCCART 407787.498346685 3758487.50074049 0.00 1.50
 ** receptor =B1212+1 (sensitive receptor: C1171)
 DISCCART 407787.498346685 3758462.50582813 0.00 1.50
 ** receptor =B1213+1 (sensitive receptor: C1172)
 DISCCART 407787.498346685 3758437.50091781 0.00 1.50
 ** receptor =B1214+1 (sensitive receptor: C1173)
 DISCCART 407787.498346685 3758412.50600545 0.00 1.50
 ** receptor =B1215+1 (sensitive receptor: C1174)
 DISCCART 407787.498346685 3758387.50109513 0.00 1.50
 ** receptor =B1216+1 (sensitive receptor: C1175)
 DISCCART 407787.498346685 3758362.50618277 0.00 1.50
 ** receptor =B1217+1 (sensitive receptor: C1176)
 DISCCART 407787.498346685 3758337.50127244 0.00 1.50
 ** receptor =B1218+1 (sensitive receptor: C1177)
 DISCCART 407787.498346685 3758312.50636009 0.00 1.50
 ** receptor =B1219+1 (sensitive receptor: C1178)
 DISCCART 407787.498346685 3758287.50144976 0.00 1.50
 ** receptor =B1220+1 (sensitive receptor: C1179)
 DISCCART 407787.498346685 3758262.50653741 0.00 1.50
 ** receptor =B1221+1 (sensitive receptor: C1180)
 DISCCART 407787.498346685 3758237.50162708 0.00 1.50
 ** receptor =B1222+1 (sensitive receptor: C1181)
 DISCCART 407787.498346685 3758212.50671473 0.00 1.50
 ** receptor =B1223+1 (sensitive receptor: C1182)
 DISCCART 407787.498346685 3758187.5018044 0.00 1.50
 ** receptor =B1224+1 (sensitive receptor: C1183)
 DISCCART 407787.498346685 3758162.50689204 0.00 1.50
 ** receptor =B1225+1 (sensitive receptor: C1184)
 DISCCART 407787.498346685 3758137.50198172 0.00 1.50
 ** receptor =B1226+1 (sensitive receptor: C1185)
 DISCCART 407812.49974659 3758512.50565081 0.00 1.50
 ** receptor =B1227+1 (sensitive receptor: C1186)
 DISCCART 407812.49974659 3758487.50074049 0.00 1.50
 ** receptor =B1228+1 (sensitive receptor: C1187)
 DISCCART 407812.49974659 3758462.50582813 0.00 1.50
 ** receptor =B1229+1 (sensitive receptor: C1188)
 DISCCART 407812.49974659 3758437.50091781 0.00 1.50
 ** receptor =B1230+1 (sensitive receptor: C1189)
 DISCCART 407812.49974659 3758412.50600545 0.00 1.50
 ** receptor =B1231+1 (sensitive receptor: C1190)
 DISCCART 407812.49974659 3758387.50109513 0.00 1.50
 ** receptor =B1232+1 (sensitive receptor: C1191)
 DISCCART 407812.49974659 3758362.50618277 0.00 1.50
 ** receptor =B1233+1 (sensitive receptor: C1192)
 DISCCART 407812.49974659 3758337.50127244 0.00 1.50
 ** receptor =B1234+1 (sensitive receptor: C1193)
 DISCCART 407812.49974659 3758312.50636009 0.00 1.50
 ** receptor =B1235+1 (sensitive receptor: C1194)
 DISCCART 407812.49974659 3758287.50144976 0.00 1.50
 ** receptor =B1236+1 (sensitive receptor: C1195)
 DISCCART 407812.49974659 3758262.50653741 0.00 1.50
 ** receptor =B1237+1 (sensitive receptor: C1196)
 DISCCART 407812.49974659 3758237.50162708 0.00 1.50
 ** receptor =B1238+1 (sensitive receptor: C1197)
 DISCCART 407812.49974659 3758212.50671473 0.00 1.50
 ** receptor =B1239+1 (sensitive receptor: C1198)

Appendix B

PM 24 hour Emissions Mitigated

DISCCART 407812.49974659 3758187.5018044 0.00 1.50
 ** receptor =B1240+1 (sensitive receptor: C1199)
 DISCCART 407812.49974659 3758162.50689204 0.00 1.50
 ** receptor =B1241+1 (sensitive receptor: C1200)
 DISCCART 407812.49974659 3758137.50198172 0.00 1.50
 ** receptor =B1242+1 (sensitive receptor: C1201)
 DISCCART 407837.501146496 3758512.50565081 0.00 1.50
 ** receptor =B1243+1 (sensitive receptor: C1202)
 DISCCART 407837.501146496 3758487.50074049 0.00 1.50
 ** receptor =B1244+1 (sensitive receptor: C1203)
 DISCCART 407837.501146496 3758462.50582813 0.00 1.50
 ** receptor =B1245+1 (sensitive receptor: C1204)
 DISCCART 407837.501146496 3758437.50091781 0.00 1.50
 ** receptor =B1246+1 (sensitive receptor: C1205)
 DISCCART 407837.501146496 3758412.50600545 0.00 1.50
 ** receptor =B1247+1 (sensitive receptor: C1206)
 DISCCART 407837.501146496 3758387.50109513 0.00 1.50
 ** receptor =B1248+1 (sensitive receptor: C1207)
 DISCCART 407837.501146496 3758362.50618277 0.00 1.50
 ** receptor =B1249+1 (sensitive receptor: C1208)
 DISCCART 407837.501146496 3758337.50127244 0.00 1.50
 ** receptor =B1250+1 (sensitive receptor: C1209)
 DISCCART 407837.501146496 3758312.50636009 0.00 1.50
 ** receptor =B1251+1 (sensitive receptor: C1210)
 DISCCART 407837.501146496 3758287.50144976 0.00 1.50
 ** receptor =B1252+1 (sensitive receptor: C1211)
 DISCCART 407837.501146496 3758262.50653741 0.00 1.50
 ** receptor =B1253+1 (sensitive receptor: C1212)
 DISCCART 407837.501146496 3758237.50162708 0.00 1.50
 ** receptor =B1254+1 (sensitive receptor: C1213)
 DISCCART 407837.501146496 3758212.50671473 0.00 1.50
 ** receptor =B1255+1 (sensitive receptor: C1214)
 DISCCART 407837.501146496 3758187.5018044 0.00 1.50
 ** receptor =B1256+1 (sensitive receptor: C1215)
 DISCCART 407837.501146496 3758162.50689204 0.00 1.50
 ** receptor =B1257+1 (sensitive receptor: C1216)
 DISCCART 407837.501146496 3758137.50198172 0.00 1.50
 ** receptor =B1258+1 (sensitive receptor: C1217)
 DISCCART 407862.502546402 3758512.50565081 0.00 1.50
 ** receptor =B1259+1 (sensitive receptor: C1218)
 DISCCART 407862.502546402 3758487.50074049 0.00 1.50
 ** receptor =B1260+1 (sensitive receptor: C1219)
 DISCCART 407862.502546402 3758462.50582813 0.00 1.50
 ** receptor =B1261+1 (sensitive receptor: C1220)
 DISCCART 407862.502546402 3758437.50091781 0.00 1.50
 ** receptor =B1262+1 (sensitive receptor: C1221)
 DISCCART 407862.502546402 3758412.50600545 0.00 1.50
 ** receptor =B1263+1 (sensitive receptor: C1222)
 DISCCART 407862.502546402 3758387.50109513 0.00 1.50
 ** receptor =B1264+1 (sensitive receptor: C1223)
 DISCCART 407862.502546402 3758362.50618277 0.00 1.50
 ** receptor =B1265+1 (sensitive receptor: C1224)
 DISCCART 407862.502546402 3758337.50127244 0.00 1.50
 ** receptor =B1266+1 (sensitive receptor: C1225)
 DISCCART 407862.502546402 3758312.50636009 0.00 1.50
 ** receptor =B1267+1 (sensitive receptor: C1226)
 DISCCART 407862.502546402 3758287.50144976 0.00 1.50
 ** receptor =B1268+1 (sensitive receptor: C1227)
 DISCCART 407862.502546402 3758262.50653741 0.00 1.50
 ** receptor =B1269+1 (sensitive receptor: C1228)
 DISCCART 407862.502546402 3758237.50162708 0.00 1.50
 ** receptor =B1270+1 (sensitive receptor: C1229)
 DISCCART 407862.502546402 3758212.50671473 0.00 1.50
 ** receptor =B1271+1 (sensitive receptor: C1230)
 DISCCART 407862.502546402 3758187.5018044 0.00 1.50
 ** receptor =B1272+1 (sensitive receptor: C1231)
 DISCCART 407862.502546402 3758162.50689204 0.00 1.50
 ** receptor =B1273+1 (sensitive receptor: C1232)
 DISCCART 407862.502546402 3758137.50198172 0.00 1.50
 ** receptor =B1274+1 (sensitive receptor: C1233)
 DISCCART 407887.503946307 3758512.50565081 0.00 1.50
 ** receptor =B1275+1 (sensitive receptor: C1234)
 DISCCART 407887.503946307 3758487.50074049 0.00 1.50
 ** receptor =B1276+1 (sensitive receptor: C1235)
 DISCCART 407887.503946307 3758462.50582813 0.00 1.50
 ** receptor =B1277+1 (sensitive receptor: C1236)

Appendix B

PM 24 hour Emissions Mitigated

DISCCART 407887.503946307 3758437.50091781 0.00 1.50
 ** receptor =B1278+1 (sensitive receptor: C1237)
 DISCCART 407887.503946307 3758412.50600545 0.00 1.50
 ** receptor =B1279+1 (sensitive receptor: C1238)
 DISCCART 407887.503946307 3758387.50109513 0.00 1.50
 ** receptor =B1280+1 (sensitive receptor: C1239)
 DISCCART 407887.503946307 3758362.50618277 0.00 1.50
 ** receptor =B1281+1 (sensitive receptor: C1240)
 DISCCART 407887.503946307 3758337.50127244 0.00 1.50
 ** receptor =B1282+1 (sensitive receptor: C1241)
 DISCCART 407887.503946307 3758312.50636009 0.00 1.50
 ** receptor =B1283+1 (sensitive receptor: C1242)
 DISCCART 407887.503946307 3758287.50144976 0.00 1.50
 ** receptor =B1284+1 (sensitive receptor: C1243)
 DISCCART 407887.503946307 3758262.50653741 0.00 1.50
 ** receptor =B1285+1 (sensitive receptor: C1244)
 DISCCART 407887.503946307 3758237.50162708 0.00 1.50
 ** receptor =B1286+1 (sensitive receptor: C1245)
 DISCCART 407887.503946307 3758212.50671473 0.00 1.50
 ** receptor =B1287+1 (sensitive receptor: C1246)
 DISCCART 407887.503946307 3758187.5018044 0.00 1.50
 ** receptor =B1288+1 (sensitive receptor: C1247)
 DISCCART 407887.503946307 3758162.50689204 0.00 1.50
 ** receptor =B1289+1 (sensitive receptor: C1248)
 DISCCART 407887.503946307 3758137.50198172 0.00 1.50
 ** receptor =B1290+1 (sensitive receptor: C1249)
 DISCCART 407912.497100369 3758512.50565081 0.00 1.50
 ** receptor =B1291+1 (sensitive receptor: C1250)
 DISCCART 407912.497100369 3758487.50074049 0.00 1.50
 ** receptor =B1292+1 (sensitive receptor: C1251)
 DISCCART 407912.497100369 3758462.50582813 0.00 1.50
 ** receptor =B1293+1 (sensitive receptor: C1252)
 DISCCART 407912.497100369 3758437.50091781 0.00 1.50
 ** receptor =B1294+1 (sensitive receptor: C1253)
 DISCCART 407912.497100369 3758412.50600545 0.00 1.50
 ** receptor =B1295+1 (sensitive receptor: C1254)
 DISCCART 407912.497100369 3758387.50109513 0.00 1.50
 ** receptor =B1296+1 (sensitive receptor: C1255)
 DISCCART 407912.497100369 3758362.50618277 0.00 1.50
 ** receptor =B1297+1 (sensitive receptor: C1256)
 DISCCART 407912.497100369 3758337.50127244 0.00 1.50
 ** receptor =B1298+1 (sensitive receptor: C1257)
 DISCCART 407912.497100369 3758312.50636009 0.00 1.50
 ** receptor =B1299+1 (sensitive receptor: C1258)
 DISCCART 407912.497100369 3758287.50144976 0.00 1.50
 ** receptor =B1300+1 (sensitive receptor: C1259)
 DISCCART 407912.497100369 3758262.50653741 0.00 1.50
 ** receptor =B1301+1 (sensitive receptor: C1260)
 DISCCART 407912.497100369 3758237.50162708 0.00 1.50
 ** receptor =B1302+1 (sensitive receptor: C1261)
 DISCCART 407912.497100369 3758212.50671473 0.00 1.50
 ** receptor =B1303+1 (sensitive receptor: C1262)
 DISCCART 407912.497100369 3758187.5018044 0.00 1.50
 ** receptor =B1304+1 (sensitive receptor: C1263)
 DISCCART 407912.497100369 3758162.50689204 0.00 1.50
 ** receptor =B1305+1 (sensitive receptor: C1264)
 DISCCART 407912.497100369 3758137.50198172 0.00 1.50
 ** receptor =B1306+1 (sensitive receptor: C1265)
 DISCCART 407937.498500274 3758512.50565081 0.00 1.50
 ** receptor =B1307+1 (sensitive receptor: C1266)
 DISCCART 407937.498500274 3758487.50074049 0.00 1.50
 ** receptor =B1308+1 (sensitive receptor: C1267)
 DISCCART 407937.498500274 3758462.50582813 0.00 1.50
 ** receptor =B1309+1 (sensitive receptor: C1268)
 DISCCART 407937.498500274 3758437.50091781 0.00 1.50
 ** receptor =B1310+1 (sensitive receptor: C1269)
 DISCCART 407937.498500274 3758412.50600545 0.00 1.50
 ** receptor =B1311+1 (sensitive receptor: C1270)
 DISCCART 407937.498500274 3758387.50109513 0.00 1.50
 ** receptor =B1312+1 (sensitive receptor: C1271)
 DISCCART 407937.498500274 3758362.50618277 0.00 1.50
 ** receptor =B1313+1 (sensitive receptor: C1272)
 DISCCART 407937.498500274 3758337.50127244 0.00 1.50
 ** receptor =B1314+1 (sensitive receptor: C1273)
 DISCCART 407937.498500274 3758312.50636009 0.00 1.50
 ** receptor =B1315+1 (sensitive receptor: C1274)

Appendix B

PM 24 hour Emissions Mitigated

DISCCART 407937.498500274 3758287.50144976 0.00 1.50
 ** receptor =B1316+1 (sensitive receptor: C1275)
 DISCCART 407937.498500274 3758262.50653741 0.00 1.50
 ** receptor =B1317+1 (sensitive receptor: C1276)
 DISCCART 407937.498500274 3758237.50162708 0.00 1.50
 ** receptor =B1318+1 (sensitive receptor: C1277)
 DISCCART 407937.498500274 3758212.50671473 0.00 1.50
 ** receptor =B1319+1 (sensitive receptor: C1278)
 DISCCART 407937.498500274 3758187.5018044 0.00 1.50
 ** receptor =B1320+1 (sensitive receptor: C1279)
 DISCCART 407937.498500274 3758162.50689204 0.00 1.50
 ** receptor =B1321+1 (sensitive receptor: C1280)
 DISCCART 407937.498500274 3758137.50198172 0.00 1.50
 ** receptor =B1322+1 (sensitive receptor: C1281)
 DISCCART 407962.49990018 3758512.50565081 0.00 1.50
 ** receptor =B1323+1 (sensitive receptor: C1282)
 DISCCART 407962.49990018 3758487.50074049 0.00 1.50
 ** receptor =B1324+1 (sensitive receptor: C1283)
 DISCCART 407962.49990018 3758462.50582813 0.00 1.50
 ** receptor =B1325+1 (sensitive receptor: C1284)
 DISCCART 407962.49990018 3758437.50091781 0.00 1.50
 ** receptor =B1326+1 (sensitive receptor: C1285)
 DISCCART 407962.49990018 3758412.50600545 0.00 1.50
 ** receptor =B1327+1 (sensitive receptor: C1286)
 DISCCART 407962.49990018 3758387.50109513 0.00 1.50
 ** receptor =B1328+1 (sensitive receptor: C1287)
 DISCCART 407962.49990018 3758362.50618277 0.00 1.50
 ** receptor =B1329+1 (sensitive receptor: C1288)
 DISCCART 407962.49990018 3758337.50127244 0.00 1.50
 ** receptor =B1330+1 (sensitive receptor: C1289)
 DISCCART 407962.49990018 3758312.50636009 0.00 1.50
 ** receptor =B1331+1 (sensitive receptor: C1290)
 DISCCART 407962.49990018 3758287.50144976 0.00 1.50
 ** receptor =B1332+1 (sensitive receptor: C1291)
 DISCCART 407962.49990018 3758262.50653741 0.00 1.50
 ** receptor =B1333+1 (sensitive receptor: C1292)
 DISCCART 407962.49990018 3758237.50162708 0.00 1.50
 ** receptor =B1334+1 (sensitive receptor: C1293)
 DISCCART 407962.49990018 3758212.50671473 0.00 1.50
 ** receptor =B1335+1 (sensitive receptor: C1294)
 DISCCART 407962.49990018 3758187.5018044 0.00 1.50
 ** receptor =B1336+1 (sensitive receptor: C1295)
 DISCCART 407962.49990018 3758162.50689204 0.00 1.50
 ** receptor =B1337+1 (sensitive receptor: C1296)
 DISCCART 407962.49990018 3758137.50198172 0.00 1.50
 ** receptor =B1338+1 (sensitive receptor: C1297)
 DISCCART 407987.501300085 3758512.50565081 0.00 1.50
 ** receptor =B1339+1 (sensitive receptor: C1298)
 DISCCART 407987.501300085 3758487.50074049 0.00 1.50
 ** receptor =B1340+1 (sensitive receptor: C1299)
 DISCCART 407987.501300085 3758462.50582813 0.00 1.50
 ** receptor =B1341+1 (sensitive receptor: C1300)
 DISCCART 407987.501300085 3758437.50091781 0.00 1.50
 ** receptor =B1342+1 (sensitive receptor: C1301)
 DISCCART 407987.501300085 3758412.50600545 0.00 1.50
 ** receptor =B1343+1 (sensitive receptor: C1302)
 DISCCART 407987.501300085 3758387.50109513 0.00 1.50
 ** receptor =B1344+1 (sensitive receptor: C1303)
 DISCCART 407987.501300085 3758362.50618277 0.00 1.50
 ** receptor =B1345+1 (sensitive receptor: C1304)
 DISCCART 407987.501300085 3758337.50127244 0.00 1.50
 ** receptor =B1346+1 (sensitive receptor: C1305)
 DISCCART 407987.501300085 3758312.50636009 0.00 1.50
 ** receptor =B1347+1 (sensitive receptor: C1306)
 DISCCART 407987.501300085 3758287.50144976 0.00 1.50
 ** receptor =B1348+1 (sensitive receptor: C1307)
 DISCCART 407987.501300085 3758262.50653741 0.00 1.50
 ** receptor =B1349+1 (sensitive receptor: C1308)
 DISCCART 407987.501300085 3758237.50162708 0.00 1.50
 ** receptor =B1350+1 (sensitive receptor: C1309)
 DISCCART 407987.501300085 3758212.50671473 0.00 1.50
 ** receptor =B1351+1 (sensitive receptor: C1310)
 DISCCART 407987.501300085 3758187.5018044 0.00 1.50
 ** receptor =B1352+1 (sensitive receptor: C1311)
 DISCCART 407987.501300085 3758162.50689204 0.00 1.50
 ** receptor =B1353+1 (sensitive receptor: C1312)

Appendix B

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DISCCART 407987.501300085 3758137.50198172 0.00 1.50
 ** receptor =B1354+1 (sensitive receptor: C1313)
 DISCCART 408012.502699991 3758512.50565081 0.00 1.50
 ** receptor =B1355+1 (sensitive receptor: C1314)
 DISCCART 408012.502699991 3758487.50074049 0.00 1.50
 ** receptor =B1356+1 (sensitive receptor: C1315)
 DISCCART 408012.502699991 3758462.50582813 0.00 1.50
 ** receptor =B1357+1 (sensitive receptor: C1316)
 DISCCART 408012.502699991 3758437.50091781 0.00 1.50
 ** receptor =B1358+1 (sensitive receptor: C1317)
 DISCCART 408012.502699991 3758412.50600545 0.00 1.50
 ** receptor =B1359+1 (sensitive receptor: C1318)
 DISCCART 408012.502699991 3758387.50109513 0.00 1.50
 ** receptor =B1360+1 (sensitive receptor: C1319)
 DISCCART 408012.502699991 3758362.50618277 0.00 1.50
 ** receptor =B1361+1 (sensitive receptor: C1320)
 DISCCART 408012.502699991 3758337.50127244 0.00 1.50
 ** receptor =B1362+1 (sensitive receptor: C1321)
 DISCCART 408012.502699991 3758312.50636009 0.00 1.50
 ** receptor =B1363+1 (sensitive receptor: C1322)
 DISCCART 408012.502699991 3758287.50144976 0.00 1.50
 ** receptor =B1364+1 (sensitive receptor: C1323)
 DISCCART 408012.502699991 3758262.50653741 0.00 1.50
 ** receptor =B1365+1 (sensitive receptor: C1324)
 DISCCART 408012.502699991 3758237.50162708 0.00 1.50
 ** receptor =B1366+1 (sensitive receptor: C1325)
 DISCCART 408012.502699991 3758212.50671473 0.00 1.50
 ** receptor =B1367+1 (sensitive receptor: C1326)
 DISCCART 408012.502699991 3758187.5018044 0.00 1.50
 ** receptor =B1368+1 (sensitive receptor: C1327)
 DISCCART 408012.502699991 3758162.50689204 0.00 1.50
 ** receptor =B1369+1 (sensitive receptor: C1328)
 DISCCART 408012.502699991 3758137.50198172 0.00 1.50
 ** receptor =B1370+1 (sensitive receptor: C1329)
 DISCCART 408037.495854052 3758512.50565081 0.00 1.50
 ** receptor =B1371+1 (sensitive receptor: C1330)
 DISCCART 408037.495854052 3758487.50074049 0.00 1.50
 ** receptor =B1372+1 (sensitive receptor: C1331)
 DISCCART 408037.495854052 3758462.50582813 0.00 1.50
 ** receptor =B1373+1 (sensitive receptor: C1332)
 DISCCART 408037.495854052 3758437.50091781 0.00 1.50
 ** receptor =B1374+1 (sensitive receptor: C1333)
 DISCCART 408037.495854052 3758412.50600545 0.00 1.50
 ** receptor =B1375+1 (sensitive receptor: C1334)
 DISCCART 408037.495854052 3758387.50109513 0.00 1.50
 ** receptor =B1376+1 (sensitive receptor: C1335)
 DISCCART 408037.495854052 3758362.50618277 0.00 1.50
 ** receptor =B1377+1 (sensitive receptor: C1336)
 DISCCART 408037.495854052 3758337.50127244 0.00 1.50
 ** receptor =B1378+1 (sensitive receptor: C1337)
 DISCCART 408037.495854052 3758312.50636009 0.00 1.50
 ** receptor =B1379+1 (sensitive receptor: C1338)
 DISCCART 408037.495854052 3758287.50144976 0.00 1.50
 ** receptor =B1380+1 (sensitive receptor: C1339)
 DISCCART 408037.495854052 3758262.50653741 0.00 1.50
 ** receptor =B1381+1 (sensitive receptor: C1340)
 DISCCART 408037.495854052 3758237.50162708 0.00 1.50
 ** receptor =B1382+1 (sensitive receptor: C1341)
 DISCCART 408037.495854052 3758212.50671473 0.00 1.50
 ** receptor =B1383+1 (sensitive receptor: C1342)
 DISCCART 408037.495854052 3758187.5018044 0.00 1.50
 ** receptor =B1384+1 (sensitive receptor: C1343)
 DISCCART 408037.495854052 3758162.50689204 0.00 1.50
 ** receptor =B1385+1 (sensitive receptor: C1344)
 DISCCART 408037.495854052 3758137.50198172 0.00 1.50
 ** receptor =B1386+1 (sensitive receptor: C1345)
 DISCCART 408062.497253958 3758512.50565081 0.00 1.50
 ** receptor =B1387+1 (sensitive receptor: C1346)
 DISCCART 408062.497253958 3758487.50074049 0.00 1.50
 ** receptor =B1388+1 (sensitive receptor: C1347)
 DISCCART 408062.497253958 3758462.50582813 0.00 1.50
 ** receptor =B1389+1 (sensitive receptor: C1348)
 DISCCART 408062.497253958 3758437.50091781 0.00 1.50
 ** receptor =B1390+1 (sensitive receptor: C1349)
 DISCCART 408062.497253958 3758412.50600545 0.00 1.50
 ** receptor =B1391+1 (sensitive receptor: C1350)

Appendix B

PM 24 hour Emissions Mitigated

DISCCART 408062.497253958 3758387.50109513 0.00 1.50
 ** receptor =B1392+1 (sensitive receptor: C1351)
 DISCCART 408062.497253958 3758362.50618277 0.00 1.50
 ** receptor =B1393+1 (sensitive receptor: C1352)
 DISCCART 408062.497253958 3758337.50127244 0.00 1.50
 ** receptor =B1394+1 (sensitive receptor: C1353)
 DISCCART 408062.497253958 3758312.50636009 0.00 1.50
 ** receptor =B1395+1 (sensitive receptor: C1354)
 DISCCART 408062.497253958 3758287.50144976 0.00 1.50
 ** receptor =B1396+1 (sensitive receptor: C1355)
 DISCCART 408062.497253958 3758262.50653741 0.00 1.50
 ** receptor =B1397+1 (sensitive receptor: C1356)
 DISCCART 408062.497253958 3758237.50162708 0.00 1.50
 ** receptor =B1398+1 (sensitive receptor: C1357)
 DISCCART 408062.497253958 3758212.50671473 0.00 1.50
 ** receptor =B1399+1 (sensitive receptor: C1358)
 DISCCART 408062.497253958 3758187.5018044 0.00 1.50
 ** receptor =B1400+1 (sensitive receptor: C1359)
 DISCCART 408062.497253958 3758162.50689204 0.00 1.50
 ** receptor =B1401+1 (sensitive receptor: C1360)
 DISCCART 408062.497253958 3758137.50198172 0.00 1.50
 ** receptor =B1402+1 (sensitive receptor: C1361)
 DISCCART 408087.498653864 3758512.50565081 0.00 1.50
 ** receptor =B1403+1 (sensitive receptor: C1362)
 DISCCART 408087.498653864 3758487.50074049 0.00 1.50
 ** receptor =B1404+1 (sensitive receptor: C1363)
 DISCCART 408087.498653864 3758462.50582813 0.00 1.50
 ** receptor =B1405+1 (sensitive receptor: C1364)
 DISCCART 408087.498653864 3758437.50091781 0.00 1.50
 ** receptor =B1406+1 (sensitive receptor: C1365)
 DISCCART 408087.498653864 3758412.50600545 0.00 1.50
 ** receptor =B1407+1 (sensitive receptor: C1366)
 DISCCART 408087.498653864 3758387.50109513 0.00 1.50
 ** receptor =B1408+1 (sensitive receptor: C1367)
 DISCCART 408087.498653864 3758362.50618277 0.00 1.50
 ** receptor =B1409+1 (sensitive receptor: C1368)
 DISCCART 408087.498653864 3758337.50127244 0.00 1.50
 ** receptor =B1410+1 (sensitive receptor: C1369)
 DISCCART 408087.498653864 3758312.50636009 0.00 1.50
 ** receptor =B1411+1 (sensitive receptor: C1370)
 DISCCART 408087.498653864 3758287.50144976 0.00 1.50
 ** receptor =B1412+1 (sensitive receptor: C1371)
 DISCCART 408087.498653864 3758262.50653741 0.00 1.50
 ** receptor =B1413+1 (sensitive receptor: C1372)
 DISCCART 408087.498653864 3758237.50162708 0.00 1.50
 ** receptor =B1414+1 (sensitive receptor: C1373)
 DISCCART 408087.498653864 3758212.50671473 0.00 1.50
 ** receptor =B1415+1 (sensitive receptor: C1374)
 DISCCART 408087.498653864 3758187.5018044 0.00 1.50
 ** receptor =B1416+1 (sensitive receptor: C1375)
 DISCCART 408087.498653864 3758162.50689204 0.00 1.50
 ** receptor =B1417+1 (sensitive receptor: C1376)
 DISCCART 408087.498653864 3758137.50198172 0.00 1.50
 ** receptor =B1418+1 (sensitive receptor: C1377)
 DISCCART 408112.500053769 3758512.50565081 0.00 1.50
 ** receptor =B1419+1 (sensitive receptor: C1378)
 DISCCART 408112.500053769 3758487.50074049 0.00 1.50
 ** receptor =B1420+1 (sensitive receptor: C1379)
 DISCCART 408112.500053769 3758462.50582813 0.00 1.50
 ** receptor =B1421+1 (sensitive receptor: C1380)
 DISCCART 408112.500053769 3758437.50091781 0.00 1.50
 ** receptor =B1422+1 (sensitive receptor: C1381)
 DISCCART 408112.500053769 3758412.50600545 0.00 1.50
 ** receptor =B1423+1 (sensitive receptor: C1382)
 DISCCART 408112.500053769 3758387.50109513 0.00 1.50
 ** receptor =B1424+1 (sensitive receptor: C1383)
 DISCCART 408112.500053769 3758362.50618277 0.00 1.50
 ** receptor =B1425+1 (sensitive receptor: C1384)
 DISCCART 408112.500053769 3758337.50127244 0.00 1.50
 ** receptor =B1426+1 (sensitive receptor: C1385)
 DISCCART 408112.500053769 3758312.50636009 0.00 1.50
 ** receptor =B1427+1 (sensitive receptor: C1386)
 DISCCART 408112.500053769 3758287.50144976 0.00 1.50
 ** receptor =B1428+1 (sensitive receptor: C1387)
 DISCCART 408112.500053769 3758262.50653741 0.00 1.50
 ** receptor =B1429+1 (sensitive receptor: C1388)

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PM 24 hour Emissions Mitigated

DISCCART 408112.500053769 3758237.50162708 0.00 1.50
 ** receptor =B1430+1 (sensitive receptor: C1389)
 DISCCART 408112.500053769 3758212.50671473 0.00 1.50
 ** receptor =B1431+1 (sensitive receptor: C1390)
 DISCCART 408112.500053769 3758187.5018044 0.00 1.50
 ** receptor =B1432+1 (sensitive receptor: C1391)
 DISCCART 408112.500053769 3758162.50689204 0.00 1.50
 ** receptor =B1433+1 (sensitive receptor: C1392)
 DISCCART 408112.500053769 3758137.50198172 0.00 1.50
 ** receptor =B1434+1 (sensitive receptor: C1393)
 DISCCART 405962.503349551 3758562.50547349 305.00 1.50
 ** receptor =B1435+1 (sensitive receptor: C1394)
 DISCCART 406012.497903518 3758562.50547349 310.40 1.50
 ** receptor =B1436+1 (sensitive receptor: C1395)
 DISCCART 406062.500703329 3758562.50547349 313.60 1.50
 ** receptor =B1437+1 (sensitive receptor: C1396)
 DISCCART 406112.495257296 3758562.50547349 318.20 1.50
 ** receptor =B1438+1 (sensitive receptor: C1397)
 DISCCART 406162.498057107 3758562.50547349 322.40 1.50
 ** receptor =B1439+1 (sensitive receptor: C1398)
 DISCCART 406212.500856919 3758562.50547349 328.40 1.50
 ** receptor =B1440+1 (sensitive receptor: C1399)
 DISCCART 406262.495410886 3758562.50547349 335.50 1.50
 ** receptor =B1441+1 (sensitive receptor: C1400)
 DISCCART 406312.498210697 3758562.50547349 341.60 1.50
 ** receptor =B1442+1 (sensitive receptor: C1401)
 DISCCART 406362.501010508 3758562.50547349 345.30 1.50
 ** receptor =B1443+1 (sensitive receptor: C1402)
 DISCCART 406412.503810319 3758562.50547349 351.00 1.50
 ** receptor =B1444+1 (sensitive receptor: C1403)
 DISCCART 406462.498364286 3758562.50547349 354.70 1.50
 ** receptor =B1445+1 (sensitive receptor: C1404)
 DISCCART 405962.503349551 3760012.50033123 750.90 1.50
 ** receptor =B1446+1 (sensitive receptor: C1405)
 DISCCART 405962.503349551 3759962.50050855 743.80 1.50
 ** receptor =B1447+1 (sensitive receptor: C1406)
 DISCCART 405962.503349551 3759912.50068587 723.60 1.50
 ** receptor =B1448+1 (sensitive receptor: C1407)
 DISCCART 405962.503349551 3759862.50086319 669.10 1.50
 ** receptor =B1449+1 (sensitive receptor: C1408)
 DISCCART 405962.503349551 3759812.50104051 634.60 1.50
 ** receptor =B1450+1 (sensitive receptor: C1409)
 DISCCART 405962.503349551 3759762.50121783 620.30 1.50
 ** receptor =B1451+1 (sensitive receptor: C1410)
 DISCCART 405962.503349551 3759712.50139515 564.10 1.50
 ** receptor =B1452+1 (sensitive receptor: C1411)
 DISCCART 405962.503349551 3759662.50157247 540.40 1.50
 ** receptor =B1453+1 (sensitive receptor: C1412)
 DISCCART 405962.503349551 3759612.50174979 524.00 1.50
 ** receptor =B1454+1 (sensitive receptor: C1413)
 DISCCART 405962.503349551 3759562.5019271 515.20 1.50
 ** receptor =B1455+1 (sensitive receptor: C1414)
 DISCCART 405962.503349551 3759512.50210442 526.20 1.50
 ** receptor =B1456+1 (sensitive receptor: C1415)
 DISCCART 405962.503349551 3759462.50228174 524.00 1.50
 ** receptor =B1457+1 (sensitive receptor: C1416)
 DISCCART 405962.503349551 3759412.50245906 505.00 1.50
 ** receptor =B1458+1 (sensitive receptor: C1417)
 DISCCART 405962.503349551 3759362.50263638 471.70 1.50
 ** receptor =B1459+1 (sensitive receptor: C1418)
 DISCCART 405962.503349551 3759312.5028137 439.90 1.50
 ** receptor =B1460+1 (sensitive receptor: C1419)
 DISCCART 405962.503349551 3759262.50299102 407.50 1.50
 ** receptor =B1461+1 (sensitive receptor: C1420)
 DISCCART 405962.503349551 3759212.50316834 382.00 1.50
 ** receptor =B1462+1 (sensitive receptor: C1421)
 DISCCART 405962.503349551 3759162.50334566 375.50 1.50
 ** receptor =B1463+1 (sensitive receptor: C1422)
 DISCCART 405962.503349551 3759112.50352298 368.90 1.50
 ** receptor =B1464+1 (sensitive receptor: C1423)
 DISCCART 405962.503349551 3759062.5037003 360.80 1.50
 ** receptor =B1465+1 (sensitive receptor: C1424)
 DISCCART 405962.503349551 3759012.50387762 356.30 1.50
 ** receptor =B1466+1 (sensitive receptor: C1425)
 DISCCART 405962.503349551 3758962.50405494 351.90 1.50
 ** receptor =B1467+1 (sensitive receptor: C1426)

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PM 24 hour Emissions Mitigated

** DISCCART	405962.503349551	3758912.50423226	344.80	1.50
** receptor	=B1468+1 (sensitive receptor: C1427)			
** DISCCART	405962.503349551	3758862.50440957	339.90	1.50
** receptor	=B1469+1 (sensitive receptor: C1428)			
** DISCCART	405962.503349551	3758812.50458689	334.60	1.50
** receptor	=B1470+1 (sensitive receptor: C1429)			
** DISCCART	405962.503349551	3758762.50476421	326.80	1.50
** receptor	=B1471+1 (sensitive receptor: C1430)			
** DISCCART	405962.503349551	3758712.50494153	321.40	1.50
** receptor	=B1472+1 (sensitive receptor: C1431)			
** DISCCART	405962.503349551	3758662.50511885	315.30	1.50
** receptor	=B1473+1 (sensitive receptor: C1432)			
** DISCCART	405962.503349551	3758612.50529617	311.60	1.50
** receptor	=B1474+1 (sensitive receptor: C1433)			
** DISCCART	406012.497903518	3760012.50033123	745.20	1.50
** receptor	=B1475+1 (sensitive receptor: C1434)			
** DISCCART	406012.497903518	3759962.50050855	709.30	1.50
** receptor	=B1476+1 (sensitive receptor: C1435)			
** DISCCART	406012.497903518	3759912.50068587	657.10	1.50
** receptor	=B1477+1 (sensitive receptor: C1436)			
** DISCCART	406012.497903518	3759862.50086319	652.70	1.50
** receptor	=B1478+1 (sensitive receptor: C1437)			
** DISCCART	406012.497903518	3759812.50104051	630.20	1.50
** receptor	=B1479+1 (sensitive receptor: C1438)			
** DISCCART	406012.497903518	3759762.50121783	621.20	1.50
** receptor	=B1480+1 (sensitive receptor: C1439)			
** DISCCART	406012.497903518	3759712.50139515	609.80	1.50
** receptor	=B1481+1 (sensitive receptor: C1440)			
** DISCCART	406012.497903518	3759662.50157247	547.00	1.50
** receptor	=B1482+1 (sensitive receptor: C1441)			
** DISCCART	406012.497903518	3759612.50174979	536.20	1.50
** receptor	=B1483+1 (sensitive receptor: C1442)			
** DISCCART	406012.497903518	3759562.5019271	527.20	1.50
** receptor	=B1484+1 (sensitive receptor: C1443)			
** DISCCART	406012.497903518	3759512.50210442	527.40	1.50
** receptor	=B1485+1 (sensitive receptor: C1444)			
** DISCCART	406012.497903518	3759462.50228174	510.20	1.50
** receptor	=B1486+1 (sensitive receptor: C1445)			
** DISCCART	406012.497903518	3759412.50245906	484.30	1.50
** receptor	=B1487+1 (sensitive receptor: C1446)			
** DISCCART	406012.497903518	3759362.50263638	463.80	1.50
** receptor	=B1488+1 (sensitive receptor: C1447)			
** DISCCART	406012.497903518	3759312.5028137	437.80	1.50
** receptor	=B1489+1 (sensitive receptor: C1448)			
** DISCCART	406012.497903518	3759262.50299102	416.70	1.50
** receptor	=B1490+1 (sensitive receptor: C1449)			
** DISCCART	406012.497903518	3759212.50316834	383.40	1.50
** receptor	=B1491+1 (sensitive receptor: C1450)			
** DISCCART	406012.497903518	3759162.50334566	380.50	1.50
** receptor	=B1492+1 (sensitive receptor: C1451)			
** DISCCART	406012.497903518	3759112.50352298	374.40	1.50
** receptor	=B1493+1 (sensitive receptor: C1452)			
** DISCCART	406012.497903518	3759062.5037003	366.10	1.50
** receptor	=B1494+1 (sensitive receptor: C1453)			
** DISCCART	406012.497903518	3759012.50387762	359.70	1.50
** receptor	=B1495+1 (sensitive receptor: C1454)			
** DISCCART	406012.497903518	3758962.50405494	358.00	1.50
** receptor	=B1496+1 (sensitive receptor: C1455)			
** DISCCART	406012.497903518	3758912.50423226	351.40	1.50
** receptor	=B1497+1 (sensitive receptor: C1456)			
** DISCCART	406012.497903518	3758862.50440957	342.70	1.50
** receptor	=B1498+1 (sensitive receptor: C1457)			
** DISCCART	406012.497903518	3758812.50458689	336.60	1.50
** receptor	=B1499+1 (sensitive receptor: C1458)			
** DISCCART	406012.497903518	3758762.50476421	331.70	1.50
** receptor	=B1500+1 (sensitive receptor: C1459)			
** DISCCART	406012.497903518	3758712.50494153	324.70	1.50
** receptor	=B1501+1 (sensitive receptor: C1460)			
** DISCCART	406012.497903518	3758662.50511885	318.20	1.50
** receptor	=B1502+1 (sensitive receptor: C1461)			
** DISCCART	406012.497903518	3758612.50529617	313.60	1.50
** receptor	=B1503+1 (sensitive receptor: C1462)			
** DISCCART	406062.500703329	3760012.50033123	693.70	1.50
** receptor	=B1504+1 (sensitive receptor: C1463)			
** DISCCART	406062.500703329	3759812.50104051	547.90	1.50
** receptor	=B1505+1 (sensitive receptor: C1464)			

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DISCCART 406062.500703329 3759762.50121783 539.90 1.50
 ** receptor =B1506+1 (sensitive receptor: C1465)
 DISCCART 406062.500703329 3759712.50139515 551.10 1.50
 ** receptor =B1507+1 (sensitive receptor: C1466)
 DISCCART 406062.500703329 3759662.50157247 527.90 1.50
 ** receptor =B1508+1 (sensitive receptor: C1467)
 DISCCART 406062.500703329 3759612.50174979 525.00 1.50
 ** receptor =B1509+1 (sensitive receptor: C1468)
 DISCCART 406062.500703329 3759562.5019271 495.30 1.50
 ** receptor =B1510+1 (sensitive receptor: C1469)
 DISCCART 406062.500703329 3759512.50210442 470.80 1.50
 ** receptor =B1511+1 (sensitive receptor: C1470)
 DISCCART 406062.500703329 3759462.50228174 464.00 1.50
 ** receptor =B1512+1 (sensitive receptor: C1471)
 DISCCART 406062.500703329 3759412.50245906 448.20 1.50
 ** receptor =B1513+1 (sensitive receptor: C1472)
 DISCCART 406062.500703329 3759362.50263638 430.30 1.50
 ** receptor =B1514+1 (sensitive receptor: C1473)
 DISCCART 406062.500703329 3759312.5028137 423.40 1.50
 ** receptor =B1515+1 (sensitive receptor: C1474)
 DISCCART 406062.500703329 3759262.50299102 395.60 1.50
 ** receptor =B1516+1 (sensitive receptor: C1475)
 DISCCART 406062.500703329 3759212.50316834 392.40 1.50
 ** receptor =B1517+1 (sensitive receptor: C1476)
 DISCCART 406062.500703329 3759162.50334566 387.00 1.50
 ** receptor =B1518+1 (sensitive receptor: C1477)
 DISCCART 406062.500703329 3759112.50352298 380.50 1.50
 ** receptor =B1519+1 (sensitive receptor: C1478)
 DISCCART 406062.500703329 3759062.5037003 373.90 1.50
 ** receptor =B1520+1 (sensitive receptor: C1479)
 DISCCART 406062.500703329 3759012.50387762 368.30 1.50
 ** receptor =B1521+1 (sensitive receptor: C1480)
 DISCCART 406062.500703329 3758962.50405494 364.10 1.50
 ** receptor =B1522+1 (sensitive receptor: C1481)
 DISCCART 406062.500703329 3758912.50423226 356.30 1.50
 ** receptor =B1523+1 (sensitive receptor: C1482)
 DISCCART 406062.500703329 3758862.50440957 348.60 1.50
 ** receptor =B1524+1 (sensitive receptor: C1483)
 DISCCART 406062.500703329 3758812.50458689 342.70 1.50
 ** receptor =B1525+1 (sensitive receptor: C1484)
 DISCCART 406062.500703329 3758762.50476421 335.00 1.50
 ** receptor =B1526+1 (sensitive receptor: C1485)
 DISCCART 406062.500703329 3758712.50494153 328.40 1.50
 ** receptor =B1527+1 (sensitive receptor: C1486)
 DISCCART 406062.500703329 3758662.50511885 321.90 1.50
 ** receptor =B1528+1 (sensitive receptor: C1487)
 DISCCART 406062.500703329 3758612.50529617 318.20 1.50
 ** receptor =B1529+1 (sensitive receptor: C1488)
 DISCCART 406112.495257296 3760012.50033123 615.50 1.50
 ** receptor =B1530+1 (sensitive receptor: C1489)
 DISCCART 406112.495257296 3759812.50104051 485.40 1.50
 ** receptor =B1531+1 (sensitive receptor: C1490)
 DISCCART 406112.495257296 3759762.50121783 483.30 1.50
 ** receptor =B1532+1 (sensitive receptor: C1491)
 DISCCART 406112.495257296 3759712.50139515 478.00 1.50
 ** receptor =B1533+1 (sensitive receptor: C1492)
 DISCCART 406112.495257296 3759662.50157247 472.20 1.50
 ** receptor =B1534+1 (sensitive receptor: C1493)
 DISCCART 406112.495257296 3759612.50174979 469.00 1.50
 ** receptor =B1535+1 (sensitive receptor: C1494)
 DISCCART 406112.495257296 3759562.5019271 465.80 1.50
 ** receptor =B1536+1 (sensitive receptor: C1495)
 DISCCART 406112.495257296 3759512.50210442 461.50 1.50
 ** receptor =B1537+1 (sensitive receptor: C1496)
 DISCCART 406112.495257296 3759462.50228174 431.40 1.50
 ** receptor =B1538+1 (sensitive receptor: C1497)
 DISCCART 406112.495257296 3759412.50245906 422.30 1.50
 ** receptor =B1539+1 (sensitive receptor: C1498)
 DISCCART 406112.495257296 3759362.50263638 418.40 1.50
 ** receptor =B1540+1 (sensitive receptor: C1499)
 DISCCART 406112.495257296 3759312.5028137 417.50 1.50
 ** receptor =B1541+1 (sensitive receptor: C1500)
 DISCCART 406112.495257296 3759262.50299102 412.50 1.50
 ** receptor =B1542+1 (sensitive receptor: C1501)
 DISCCART 406112.495257296 3759212.50316834 400.60 1.50
 ** receptor =B1543+1 (sensitive receptor: C1502)

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DISCCART 406112.495257296 3759162.50334566 394.00 1.50
 ** receptor =B1544+1 (sensitive receptor: C1503)
 DISCCART 406112.495257296 3759112.50352298 387.50 1.50
 ** receptor =B1545+1 (sensitive receptor: C1504)
 DISCCART 406112.495257296 3759062.5037003 380.50 1.50
 ** receptor =B1546+1 (sensitive receptor: C1505)
 DISCCART 406112.495257296 3759012.50387762 377.20 1.50
 ** receptor =B1547+1 (sensitive receptor: C1506)
 DISCCART 406112.495257296 3758962.50405494 369.40 1.50
 ** receptor =B1548+1 (sensitive receptor: C1507)
 DISCCART 406112.495257296 3758912.50423226 362.80 1.50
 ** receptor =B1549+1 (sensitive receptor: C1508)
 DISCCART 406112.495257296 3758862.50440957 356.30 1.50
 ** receptor =B1550+1 (sensitive receptor: C1509)
 DISCCART 406112.495257296 3758812.50458689 347.70 1.50
 ** receptor =B1551+1 (sensitive receptor: C1510)
 DISCCART 406112.495257296 3758762.50476421 339.90 1.50
 ** receptor =B1552+1 (sensitive receptor: C1511)
 DISCCART 406112.495257296 3758712.50494153 333.30 1.50
 ** receptor =B1553+1 (sensitive receptor: C1512)
 DISCCART 406112.495257296 3758662.50511885 326.80 1.50
 ** receptor =B1554+1 (sensitive receptor: C1513)
 DISCCART 406112.495257296 3758612.50529617 321.40 1.50
 ** receptor =B1555+1 (sensitive receptor: C1514)
 DISCCART 406162.498057107 3760012.50033123 522.00 1.50
 ** receptor =B1556+1 (sensitive receptor: C1515)
 DISCCART 406162.498057107 3759812.50104051 499.50 1.50
 ** receptor =B1557+1 (sensitive receptor: C1516)
 DISCCART 406162.498057107 3759462.50228174 445.40 1.50
 ** receptor =B1558+1 (sensitive receptor: C1517)
 DISCCART 406162.498057107 3759412.50245906 457.10 1.50
 ** receptor =B1559+1 (sensitive receptor: C1518)
 DISCCART 406162.498057107 3759362.50263638 450.40 1.50
 ** receptor =B1560+1 (sensitive receptor: C1519)
 DISCCART 406162.498057107 3759312.5028137 446.90 1.50
 ** receptor =B1561+1 (sensitive receptor: C1520)
 DISCCART 406162.498057107 3759262.50299102 421.80 1.50
 ** receptor =B1562+1 (sensitive receptor: C1521)
 DISCCART 406162.498057107 3759212.50316834 408.80 1.50
 ** receptor =B1563+1 (sensitive receptor: C1522)
 DISCCART 406162.498057107 3759162.50334566 400.60 1.50
 ** receptor =B1564+1 (sensitive receptor: C1523)
 DISCCART 406162.498057107 3759112.50352298 393.60 1.50
 ** receptor =B1565+1 (sensitive receptor: C1524)
 DISCCART 406162.498057107 3759062.5037003 387.00 1.50
 ** receptor =B1566+1 (sensitive receptor: C1525)
 DISCCART 406162.498057107 3759012.50387762 382.50 1.50
 ** receptor =B1567+1 (sensitive receptor: C1526)
 DISCCART 406162.498057107 3758962.50405494 377.60 1.50
 ** receptor =B1568+1 (sensitive receptor: C1527)
 DISCCART 406162.498057107 3758912.50423226 367.40 1.50
 ** receptor =B1569+1 (sensitive receptor: C1528)
 DISCCART 406162.498057107 3758862.50440957 360.80 1.50
 ** receptor =B1570+1 (sensitive receptor: C1529)
 DISCCART 406162.498057107 3758812.50458689 352.50 1.50
 ** receptor =B1571+1 (sensitive receptor: C1530)
 DISCCART 406162.498057107 3758762.50476421 343.20 1.50
 ** receptor =B1572+1 (sensitive receptor: C1531)
 DISCCART 406162.498057107 3758712.50494153 336.10 1.50
 ** receptor =B1573+1 (sensitive receptor: C1532)
 DISCCART 406162.498057107 3758662.50511885 331.30 1.50
 ** receptor =B1574+1 (sensitive receptor: C1533)
 DISCCART 406162.498057107 3758612.50529617 325.60 1.50
 ** receptor =B1575+1 (sensitive receptor: C1534)
 DISCCART 406212.500856919 3759412.50245906 483.40 1.50
 ** receptor =B1576+1 (sensitive receptor: C1535)
 DISCCART 406212.500856919 3759362.50263638 474.30 1.50
 ** receptor =B1577+1 (sensitive receptor: C1536)
 DISCCART 406212.500856919 3759312.5028137 454.20 1.50
 ** receptor =B1578+1 (sensitive receptor: C1537)
 DISCCART 406212.500856919 3759262.50299102 433.30 1.50
 ** receptor =B1579+1 (sensitive receptor: C1538)
 DISCCART 406212.500856919 3759212.50316834 415.30 1.50
 ** receptor =B1580+1 (sensitive receptor: C1539)
 DISCCART 406212.500856919 3759162.50334566 405.50 1.50
 ** receptor =B1581+1 (sensitive receptor: C1540)

Appendix B

PM 24 hour Emissions Mitigated

DISCCART 406212.500856919 3759112.50352298 398.90 1.50
 ** receptor =B1582+1 (sensitive receptor: C1541)
 DISCCART 406212.500856919 3759062.5037003 393.60 1.50
 ** receptor =B1583+1 (sensitive receptor: C1542)
 DISCCART 406212.500856919 3759012.50387762 385.80 1.50
 ** receptor =B1584+1 (sensitive receptor: C1543)
 DISCCART 406212.500856919 3758962.50405494 380.50 1.50
 ** receptor =B1585+1 (sensitive receptor: C1544)
 DISCCART 406212.500856919 3758912.50423226 371.10 1.50
 ** receptor =B1586+1 (sensitive receptor: C1545)
 DISCCART 406212.500856919 3758862.50440957 362.80 1.50
 ** receptor =B1587+1 (sensitive receptor: C1546)
 DISCCART 406212.500856919 3758812.50458689 355.80 1.50
 ** receptor =B1588+1 (sensitive receptor: C1547)
 DISCCART 406212.500856919 3758762.50476421 344.80 1.50
 ** receptor =B1589+1 (sensitive receptor: C1548)
 DISCCART 406212.500856919 3758712.50494153 338.30 1.50
 ** receptor =B1590+1 (sensitive receptor: C1549)
 DISCCART 406212.500856919 3758662.50511885 334.60 1.50
 ** receptor =B1591+1 (sensitive receptor: C1550)
 DISCCART 406212.500856919 3758612.50529617 331.70 1.50
 ** receptor =B1592+1 (sensitive receptor: C1551)
 DISCCART 406262.495410886 3759412.50245906 499.50 1.50
 ** receptor =B1593+1 (sensitive receptor: C1552)
 DISCCART 406262.495410886 3759362.50263638 473.10 1.50
 ** receptor =B1594+1 (sensitive receptor: C1553)
 DISCCART 406262.495410886 3759312.5028137 453.10 1.50
 ** receptor =B1595+1 (sensitive receptor: C1554)
 DISCCART 406262.495410886 3759262.50299102 440.00 1.50
 ** receptor =B1596+1 (sensitive receptor: C1555)
 DISCCART 406262.495410886 3759212.50316834 421.40 1.50
 ** receptor =B1597+1 (sensitive receptor: C1556)
 DISCCART 406262.495410886 3759162.50334566 411.60 1.50
 ** receptor =B1598+1 (sensitive receptor: C1557)
 DISCCART 406262.495410886 3759112.50352298 403.40 1.50
 ** receptor =B1599+1 (sensitive receptor: C1558)
 DISCCART 406262.495410886 3759062.5037003 396.90 1.50
 ** receptor =B1600+1 (sensitive receptor: C1559)
 DISCCART 406262.495410886 3759012.50387762 387.00 1.50
 ** receptor =B1601+1 (sensitive receptor: C1560)
 DISCCART 406262.495410886 3758962.50405494 380.50 1.50
 ** receptor =B1602+1 (sensitive receptor: C1561)
 DISCCART 406262.495410886 3758912.50423226 372.20 1.50
 ** receptor =B1603+1 (sensitive receptor: C1562)
 DISCCART 406262.495410886 3758862.50440957 362.40 1.50
 ** receptor =B1604+1 (sensitive receptor: C1563)
 DISCCART 406262.495410886 3758812.50458689 355.80 1.50
 ** receptor =B1605+1 (sensitive receptor: C1564)
 DISCCART 406262.495410886 3758762.50476421 347.70 1.50
 ** receptor =B1606+1 (sensitive receptor: C1565)
 DISCCART 406262.495410886 3758712.50494153 343.20 1.50
 ** receptor =B1607+1 (sensitive receptor: C1566)
 DISCCART 406262.495410886 3758662.50511885 338.30 1.50
 ** receptor =B1608+1 (sensitive receptor: C1567)
 DISCCART 406262.495410886 3758612.50529617 336.60 1.50
 ** receptor =B1609+1 (sensitive receptor: C1568)
 DISCCART 406312.498210697 3759412.50245906 508.40 1.50
 ** receptor =B1610+1 (sensitive receptor: C1569)
 DISCCART 406312.498210697 3759362.50263638 489.00 1.50
 ** receptor =B1611+1 (sensitive receptor: C1570)
 DISCCART 406312.498210697 3759312.5028137 458.40 1.50
 ** receptor =B1612+1 (sensitive receptor: C1571)
 DISCCART 406312.498210697 3759262.50299102 444.40 1.50
 ** receptor =B1613+1 (sensitive receptor: C1572)
 DISCCART 406312.498210697 3759212.50316834 428.00 1.50
 ** receptor =B1614+1 (sensitive receptor: C1573)
 DISCCART 406312.498210697 3759162.50334566 415.30 1.50
 ** receptor =B1615+1 (sensitive receptor: C1574)
 DISCCART 406312.498210697 3759112.50352298 405.00 1.50
 ** receptor =B1616+1 (sensitive receptor: C1575)
 DISCCART 406312.498210697 3759062.5037003 396.90 1.50
 ** receptor =B1617+1 (sensitive receptor: C1576)
 DISCCART 406312.498210697 3759012.50387762 388.60 1.50
 ** receptor =B1618+1 (sensitive receptor: C1577)
 DISCCART 406312.498210697 3758962.50405494 378.80 1.50
 ** receptor =B1619+1 (sensitive receptor: C1578)

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PM 24 hour Emissions Mitigated

DISCCART 406312.498210697 3758912.50423226 370.60 1.50
 ** receptor =B1620+1 (sensitive receptor: C1579)
 DISCCART 406312.498210697 3758862.50440957 364.10 1.50
 ** receptor =B1621+1 (sensitive receptor: C1580)
 DISCCART 406312.498210697 3758812.50458689 357.50 1.50
 ** receptor =B1622+1 (sensitive receptor: C1581)
 DISCCART 406312.498210697 3758762.50476421 351.00 1.50
 ** receptor =B1623+1 (sensitive receptor: C1582)
 DISCCART 406312.498210697 3758712.50494153 344.80 1.50
 ** receptor =B1624+1 (sensitive receptor: C1583)
 DISCCART 406312.498210697 3758662.50511885 343.20 1.50
 ** receptor =B1625+1 (sensitive receptor: C1584)
 DISCCART 406312.498210697 3758612.50529617 342.00 1.50
 ** receptor =B1626+1 (sensitive receptor: C1585)
 DISCCART 406362.501010508 3759412.50245906 488.00 1.50
 ** receptor =B1627+1 (sensitive receptor: C1586)
 DISCCART 406362.501010508 3759362.50263638 481.90 1.50
 ** receptor =B1628+1 (sensitive receptor: C1587)
 DISCCART 406362.501010508 3759312.5028137 457.50 1.50
 ** receptor =B1629+1 (sensitive receptor: C1588)
 DISCCART 406362.501010508 3759262.50299102 440.60 1.50
 ** receptor =B1630+1 (sensitive receptor: C1589)
 DISCCART 406362.501010508 3759212.50316834 429.70 1.50
 ** receptor =B1631+1 (sensitive receptor: C1590)
 DISCCART 406362.501010508 3759162.50334566 417.00 1.50
 ** receptor =B1632+1 (sensitive receptor: C1591)
 DISCCART 406362.501010508 3759112.50352298 407.20 1.50
 ** receptor =B1633+1 (sensitive receptor: C1592)
 DISCCART 406362.501010508 3759062.5037003 398.40 1.50
 ** receptor =B1634+1 (sensitive receptor: C1593)
 DISCCART 406362.501010508 3759012.50387762 389.10 1.50
 ** receptor =B1635+1 (sensitive receptor: C1594)
 DISCCART 406362.501010508 3758962.50405494 380.50 1.50
 ** receptor =B1636+1 (sensitive receptor: C1595)
 DISCCART 406362.501010508 3758912.50423226 372.20 1.50
 ** receptor =B1637+1 (sensitive receptor: C1596)
 DISCCART 406362.501010508 3758862.50440957 361.90 1.50
 ** receptor =B1638+1 (sensitive receptor: C1597)
 DISCCART 406362.501010508 3758812.50458689 356.60 1.50
 ** receptor =B1639+1 (sensitive receptor: C1598)
 DISCCART 406362.501010508 3758762.50476421 353.00 1.50
 ** receptor =B1640+1 (sensitive receptor: C1599)
 DISCCART 406362.501010508 3758712.50494153 351.00 1.50
 ** receptor =B1641+1 (sensitive receptor: C1600)
 DISCCART 406362.501010508 3758662.50511885 349.70 1.50
 ** receptor =B1642+1 (sensitive receptor: C1601)
 DISCCART 406362.501010508 3758612.50529617 347.70 1.50
 ** receptor =B1643+1 (sensitive receptor: C1602)
 DISCCART 406412.503810319 3759312.5028137 452.60 1.50
 ** receptor =B1644+1 (sensitive receptor: C1603)
 DISCCART 406412.503810319 3759262.50299102 442.80 1.50
 ** receptor =B1645+1 (sensitive receptor: C1604)
 DISCCART 406412.503810319 3759212.50316834 431.70 1.50
 ** receptor =B1646+1 (sensitive receptor: C1605)
 DISCCART 406412.503810319 3759162.50334566 418.10 1.50
 ** receptor =B1647+1 (sensitive receptor: C1606)
 DISCCART 406412.503810319 3759112.50352298 408.30 1.50
 ** receptor =B1648+1 (sensitive receptor: C1607)
 DISCCART 406412.503810319 3759062.5037003 399.70 1.50
 ** receptor =B1649+1 (sensitive receptor: C1608)
 DISCCART 406412.503810319 3759012.50387762 391.90 1.50
 ** receptor =B1650+1 (sensitive receptor: C1609)
 DISCCART 406412.503810319 3758962.50405494 382.00 1.50
 ** receptor =B1651+1 (sensitive receptor: C1610)
 DISCCART 406412.503810319 3758912.50423226 372.20 1.50
 ** receptor =B1652+1 (sensitive receptor: C1611)
 DISCCART 406412.503810319 3758862.50440957 358.60 1.50
 ** receptor =B1653+1 (sensitive receptor: C1612)
 DISCCART 406412.503810319 3758812.50458689 356.30 1.50
 ** receptor =B1654+1 (sensitive receptor: C1613)
 DISCCART 406412.503810319 3758762.50476421 356.40 1.50
 ** receptor =B1655+1 (sensitive receptor: C1614)
 DISCCART 406412.503810319 3758712.50494153 357.50 1.50
 ** receptor =B1656+1 (sensitive receptor: C1615)
 DISCCART 406412.503810319 3758662.50511885 357.50 1.50
 ** receptor =B1657+1 (sensitive receptor: C1616)

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DISCCART 406412.503810319 3758612.50529617 354.20 1.50
 ** receptor =B1658+1 (sensitive receptor: C1617)
 DISCCART 406462.498364286 3759312.5028137 452.60 1.50
 ** receptor =B1659+1 (sensitive receptor: C1618)
 DISCCART 406462.498364286 3759262.50299102 443.20 1.50
 ** receptor =B1660+1 (sensitive receptor: C1619)
 DISCCART 406462.498364286 3759212.50316834 431.20 1.50
 ** receptor =B1661+1 (sensitive receptor: C1620)
 DISCCART 406462.498364286 3759162.50334566 418.10 1.50
 ** receptor =B1662+1 (sensitive receptor: C1621)
 DISCCART 406462.498364286 3759112.50352298 408.30 1.50
 ** receptor =B1663+1 (sensitive receptor: C1622)
 DISCCART 406462.498364286 3759062.5037003 396.90 1.50
 ** receptor =B1664+1 (sensitive receptor: C1623)
 DISCCART 406462.498364286 3759012.50387762 391.90 1.50
 ** receptor =B1665+1 (sensitive receptor: C1624)
 DISCCART 406462.498364286 3758962.50405494 384.20 1.50
 ** receptor =B1666+1 (sensitive receptor: C1625)
 DISCCART 406462.498364286 3758912.50423226 376.40 1.50
 ** receptor =B1667+1 (sensitive receptor: C1626)
 DISCCART 406462.498364286 3758862.50440957 361.70 1.50
 ** receptor =B1668+1 (sensitive receptor: C1627)
 DISCCART 406462.498364286 3758812.50458689 359.70 1.50
 ** receptor =B1669+1 (sensitive receptor: C1628)
 DISCCART 406462.498364286 3758762.50476421 363.00 1.50
 ** receptor =B1670+1 (sensitive receptor: C1629)
 DISCCART 406462.498364286 3758712.50494153 363.00 1.50
 ** receptor =B1671+1 (sensitive receptor: C1630)
 DISCCART 406462.498364286 3758662.50511885 360.80 1.50
 ** receptor =B1672+1 (sensitive receptor: C1631)
 DISCCART 406462.498364286 3758612.50529617 357.50 1.50
 ** receptor =B1673+1 (sensitive receptor: C1632)
 DISCCART 406512.501164097 3759262.50299102 446.10 1.50
 ** receptor =B1674+1 (sensitive receptor: C1633)
 DISCCART 406512.501164097 3759212.50316834 433.30 1.50
 ** receptor =B1675+1 (sensitive receptor: C1634)
 DISCCART 406512.501164097 3759162.50334566 418.10 1.50
 ** receptor =B1676+1 (sensitive receptor: C1635)
 DISCCART 406512.501164097 3759112.50352298 410.00 1.50
 ** receptor =B1677+1 (sensitive receptor: C1636)
 DISCCART 406512.501164097 3759062.5037003 402.20 1.50
 ** receptor =B1678+1 (sensitive receptor: C1637)
 DISCCART 406512.501164097 3759012.50387762 394.00 1.50
 ** receptor =B1679+1 (sensitive receptor: C1638)
 DISCCART 406512.501164097 3758962.50405494 384.90 1.50
 ** receptor =B1680+1 (sensitive receptor: C1639)
 DISCCART 406512.501164097 3758912.50423226 378.80 1.50
 ** receptor =B1681+1 (sensitive receptor: C1640)
 DISCCART 406512.501164097 3758862.50440957 371.60 1.50
 ** receptor =B1682+1 (sensitive receptor: C1641)
 DISCCART 406512.501164097 3758812.50458689 374.80 1.50
 ** receptor =B1683+1 (sensitive receptor: C1642)
 DISCCART 406512.501164097 3758762.50476421 372.70 1.50
 ** receptor =B1684+1 (sensitive receptor: C1643)
 DISCCART 406512.501164097 3758712.50494153 370.60 1.50
 ** receptor =B1685+1 (sensitive receptor: C1644)
 DISCCART 406512.501164097 3758662.50511885 367.40 1.50
 ** receptor =B1686+1 (sensitive receptor: C1645)
 DISCCART 406512.501164097 3758612.50529617 362.80 1.50
 ** receptor =B1687+1 (sensitive receptor: C1646)
 DISCCART 406537.502564003 3758562.50547349 360.80 1.50
 ** receptor =B1688+1 (sensitive receptor: C1647)
 DISCCART 406562.495718064 3759262.50299102 450.90 1.50
 ** receptor =B1689+1 (sensitive receptor: C1648)
 DISCCART 406562.495718064 3759212.50316834 438.30 1.50
 ** receptor =B1690+1 (sensitive receptor: C1649)
 DISCCART 406562.495718064 3759162.50334566 425.60 1.50
 ** receptor =B1691+1 (sensitive receptor: C1650)
 DISCCART 406562.495718064 3759112.50352298 415.30 1.50
 ** receptor =B1692+1 (sensitive receptor: C1651)
 DISCCART 406562.495718064 3759062.5037003 406.70 1.50
 ** receptor =B1693+1 (sensitive receptor: C1652)
 DISCCART 406562.495718064 3759012.50387762 398.40 1.50
 ** receptor =B1694+1 (sensitive receptor: C1653)
 DISCCART 406562.495718064 3758962.50405494 383.00 1.50
 ** receptor =B1695+1 (sensitive receptor: C1654)

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DISCCART 406562.495718064 3758912.50423226 381.40 1.50
 ** receptor =B1696+1 (sensitive receptor: C1655)
 DISCCART 406562.495718064 3758862.50440957 384.70 1.50
 ** receptor =B1697+1 (sensitive receptor: C1656)
 DISCCART 406562.495718064 3758812.50458689 383.80 1.50
 ** receptor =B1698+1 (sensitive receptor: C1657)
 DISCCART 406562.495718064 3758762.50476421 380.50 1.50
 ** receptor =B1699+1 (sensitive receptor: C1658)
 DISCCART 406562.495718064 3758712.50494153 377.20 1.50
 ** receptor =B1700+1 (sensitive receptor: C1659)
 DISCCART 406562.495718064 3758662.50511885 372.70 1.50
 ** receptor =B1701+1 (sensitive receptor: C1660)
 DISCCART 406562.495718064 3758612.50529617 367.40 1.50
 ** receptor =B1702+1 (sensitive receptor: C1661)
 DISCCART 406587.49711797 3758562.50547349 362.40 1.50
 ** receptor =B1703+1 (sensitive receptor: C1662)
 DISCCART 406612.498517875 3759212.50316834 447.60 1.50
 ** receptor =B1704+1 (sensitive receptor: C1663)
 DISCCART 406612.498517875 3759162.50334566 435.00 1.50
 ** receptor =B1705+1 (sensitive receptor: C1664)
 DISCCART 406612.498517875 3759112.50352298 421.90 1.50
 ** receptor =B1706+1 (sensitive receptor: C1665)
 DISCCART 406612.498517875 3759062.5037003 411.60 1.50
 ** receptor =B1707+1 (sensitive receptor: C1666)
 DISCCART 406612.498517875 3759012.50387762 398.40 1.50
 ** receptor =B1708+1 (sensitive receptor: C1667)
 DISCCART 406612.498517875 3758962.50405494 397.40 1.50
 ** receptor =B1709+1 (sensitive receptor: C1668)
 DISCCART 406612.498517875 3758912.50423226 397.40 1.50
 ** receptor =B1710+1 (sensitive receptor: C1669)
 DISCCART 406612.498517875 3758862.50440957 395.60 1.50
 ** receptor =B1711+1 (sensitive receptor: C1670)
 DISCCART 406612.498517875 3758812.50458689 390.80 1.50
 ** receptor =B1712+1 (sensitive receptor: C1671)
 DISCCART 406612.498517875 3758762.50476421 385.30 1.50
 ** receptor =B1713+1 (sensitive receptor: C1672)
 DISCCART 406612.498517875 3758712.50494153 380.90 1.50
 ** receptor =B1714+1 (sensitive receptor: C1673)
 DISCCART 406612.498517875 3758662.50511885 375.50 1.50
 ** receptor =B1715+1 (sensitive receptor: C1674)
 DISCCART 406637.499917781 3758562.50547349 360.80 1.50
 ** receptor =B1716+1 (sensitive receptor: C1675)
 DISCCART 406662.501317687 3759162.50334566 437.80 1.50
 ** receptor =B1717+1 (sensitive receptor: C1676)
 DISCCART 406662.501317687 3759112.50352298 422.60 1.50
 ** receptor =B1718+1 (sensitive receptor: C1677)
 DISCCART 406662.501317687 3759062.5037003 417.00 1.50
 ** receptor =B1719+1 (sensitive receptor: C1678)
 DISCCART 406662.501317687 3759012.50387762 407.60 1.50
 ** receptor =B1720+1 (sensitive receptor: C1679)
 DISCCART 406662.501317687 3758962.50405494 409.40 1.50
 ** receptor =B1721+1 (sensitive receptor: C1680)
 DISCCART 406662.501317687 3758912.50423226 407.20 1.50
 ** receptor =B1722+1 (sensitive receptor: C1681)
 DISCCART 406662.501317687 3758862.50440957 402.20 1.50
 ** receptor =B1723+1 (sensitive receptor: C1682)
 DISCCART 406662.501317687 3758812.50458689 395.20 1.50
 ** receptor =B1724+1 (sensitive receptor: C1683)
 DISCCART 406662.501317687 3758762.50476421 387.00 1.50
 ** receptor =B1725+1 (sensitive receptor: C1684)
 DISCCART 406662.501317687 3758712.50494153 380.50 1.50
 ** receptor =B1726+1 (sensitive receptor: C1685)
 DISCCART 406687.502717592 3758562.50547349 364.90 1.50
 ** receptor =B1727+1 (sensitive receptor: C1686)
 DISCCART 406712.495871654 3759162.50334566 437.80 1.50
 ** receptor =B1728+1 (sensitive receptor: C1687)
 DISCCART 406712.495871654 3759112.50352298 427.30 1.50
 ** receptor =B1729+1 (sensitive receptor: C1688)
 DISCCART 406712.495871654 3759062.5037003 436.00 1.50
 ** receptor =B1730+1 (sensitive receptor: C1689)
 DISCCART 406712.495871654 3759012.50387762 426.80 1.50
 ** receptor =B1731+1 (sensitive receptor: C1690)
 DISCCART 406712.495871654 3758962.50405494 423.10 1.50
 ** receptor =B1732+1 (sensitive receptor: C1691)
 DISCCART 406712.495871654 3758912.50423226 411.60 1.50
 ** receptor =B1733+1 (sensitive receptor: C1692)

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DISCCART 406712.495871654 3758862.50440957 401.30 1.50
 ** receptor =B1734+1 (sensitive receptor: C1693)
 DISCCART 406712.495871654 3758612.50529617 379.20 1.50
 ** receptor =B1735+1 (sensitive receptor: C1694)
 DISCCART 406737.497271559 3758562.50547349 367.40 1.50
 ** receptor =B1736+1 (sensitive receptor: C1695)
 DISCCART 406762.498671465 3759062.5037003 457.90 1.50
 ** receptor =B1737+1 (sensitive receptor: C1696)
 DISCCART 406762.498671465 3759012.50387762 438.30 1.50
 ** receptor =B1738+1 (sensitive receptor: C1697)
 DISCCART 406762.498671465 3758962.50405494 424.70 1.50
 ** receptor =B1739+1 (sensitive receptor: C1698)
 DISCCART 406762.498671465 3758912.50423226 409.90 1.50
 ** receptor =B1740+1 (sensitive receptor: C1699)
 DISCCART 406762.498671465 3758662.50511885 389.80 1.50
 ** receptor =B1741+1 (sensitive receptor: C1700)
 DISCCART 406762.498671465 3758612.50529617 378.30 1.50
 ** receptor =B1742+1 (sensitive receptor: C1701)
 DISCCART 406787.50007137 3758562.50547349 370.50 1.50
 ** receptor =B1743+1 (sensitive receptor: C1702)
 DISCCART 406812.501471276 3759012.50387762 445.90 1.50
 ** receptor =B1744+1 (sensitive receptor: C1703)
 DISCCART 406812.501471276 3758962.50405494 423.80 1.50
 ** receptor =B1745+1 (sensitive receptor: C1704)
 DISCCART 406812.501471276 3758712.50494153 400.60 1.50
 ** receptor =B1746+1 (sensitive receptor: C1705)
 DISCCART 406812.501471276 3758662.50511885 392.40 1.50
 ** receptor =B1747+1 (sensitive receptor: C1706)
 DISCCART 406812.501471276 3758612.50529617 383.80 1.50
 ** receptor =B1748+1 (sensitive receptor: C1707)
 DISCCART 406837.502871182 3758562.50547349 357.50 1.50
 ** receptor =B1749+1 (sensitive receptor: C1708)
 DISCCART 406862.496025243 3758762.50476421 408.80 1.50
 ** receptor =B1750+1 (sensitive receptor: C1709)
 DISCCART 406862.496025243 3758712.50494153 403.40 1.50
 ** receptor =B1751+1 (sensitive receptor: C1710)
 DISCCART 406862.496025243 3758662.50511885 393.60 1.50
 ** receptor =B1752+1 (sensitive receptor: C1711)
 DISCCART 406862.496025243 3758612.50529617 377.80 1.50
 ** receptor =B1753+1 (sensitive receptor: C1712)
 DISCCART 406887.497425149 3758562.50547349 377.60 1.50
 ** receptor =B1754+1 (sensitive receptor: C1713)
 DISCCART 406912.498825054 3758762.50476421 411.60 1.50
 ** receptor =B1755+1 (sensitive receptor: C1714)
 DISCCART 406912.498825054 3758712.50494153 399.70 1.50
 ** receptor =B1756+1 (sensitive receptor: C1715)
 DISCCART 406912.498825054 3758662.50511885 388.60 1.50
 ** receptor =B1757+1 (sensitive receptor: C1716)
 DISCCART 406912.498825054 3758612.50529617 369.60 1.50
 ** receptor =B1758+1 (sensitive receptor: C1717)
 DISCCART 406937.50022496 3758562.50547349 382.00 1.50
 ** receptor =B1759+1 (sensitive receptor: C1718)
 DISCCART 406962.501624865 3758762.50476421 411.60 1.50
 ** receptor =B1760+1 (sensitive receptor: C1719)
 DISCCART 406962.501624865 3758712.50494153 398.40 1.50
 ** receptor =B1761+1 (sensitive receptor: C1720)
 DISCCART 406962.501624865 3758662.50511885 385.30 1.50
 ** receptor =B1762+1 (sensitive receptor: C1721)
 DISCCART 406962.501624865 3758612.50529617 380.50 1.50
 ** receptor =B1763+1 (sensitive receptor: C1722)
 DISCCART 406987.503024771 3758562.50547349 393.30 1.50
 ** receptor =B1764+1 (sensitive receptor: C1723)
 DISCCART 407012.504424677 3758712.50494153 400.80 1.50
 ** receptor =B1765+1 (sensitive receptor: C1724)
 DISCCART 407012.504424677 3758662.50511885 378.80 1.50
 ** receptor =B1766+1 (sensitive receptor: C1725)
 DISCCART 407012.504424677 3758612.50529617 385.50 1.50
 ** receptor =B1767+1 (sensitive receptor: C1726)
 DISCCART 407037.497578738 3758562.50547349 399.80 1.50
 ** receptor =B1768+1 (sensitive receptor: C1727)
 DISCCART 407062.498978644 3758662.50511885 377.70 1.50
 ** receptor =B1769+1 (sensitive receptor: C1728)
 DISCCART 407062.498978644 3758612.50529617 396.70 1.50
 ** receptor =B1770+1 (sensitive receptor: C1729)
 DISCCART 407087.500378549 3758562.50547349 406.70 1.50
 ** receptor =B1771+1 (sensitive receptor: C1730)

Appendix B

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DISCCART 407112.501778455 3758662.50511885 396.80 1.50
 ** receptor =B1772+1 (sensitive receptor: C1731)
 DISCCART 407112.501778455 3758612.50529617 407.60 1.50
 ** receptor =B1773+1 (sensitive receptor: C1732)
 DISCCART 407137.50317836 3758562.50547349 416.60 1.50
 ** receptor =B1774+1 (sensitive receptor: C1733)
 DISCCART 407162.496332422 3758662.50511885 420.80 1.50
 ** receptor =B1775+1 (sensitive receptor: C1734)
 DISCCART 407162.496332422 3758612.50529617 416.60 1.50
 ** receptor =B1776+1 (sensitive receptor: C1735)
 DISCCART 407187.497732327 3758562.50547349 439.50 1.50
 ** receptor =B1777+1 (sensitive receptor: C1736)
 DISCCART 407212.499132233 3758662.50511885 435.40 1.50
 ** receptor =B1778+1 (sensitive receptor: C1737)
 DISCCART 407212.499132233 3758612.50529617 441.20 1.50
 ** receptor =B1779+1 (sensitive receptor: C1738)
 DISCCART 407237.500532139 3758562.50547349 457.60 1.50
 ** receptor =B1780+1 (sensitive receptor: C1739)
 DISCCART 407262.501932044 3758662.50511885 450.30 1.50
 ** receptor =B1781+1 (sensitive receptor: C1740)
 DISCCART 407262.501932044 3758612.50529617 450.30 1.50
 ** receptor =B1782+1 (sensitive receptor: C1741)
 DISCCART 407287.50333195 3758562.50547349 459.60 1.50
 ** receptor =B1783+1 (sensitive receptor: C1742)
 DISCCART 407312.496486011 3758662.50511885 466.70 1.50
 ** receptor =B1784+1 (sensitive receptor: C1743)
 DISCCART 407312.496486011 3758612.50529617 463.40 1.50
 ** receptor =B1785+1 (sensitive receptor: C1744)
 DISCCART 407337.497885917 3758562.50547349 475.30 1.50
 ** receptor =B1786+1 (sensitive receptor: C1745)
 DISCCART 407362.499285822 3758662.50511885 484.30 1.50
 ** receptor =B1787+1 (sensitive receptor: C1746)
 DISCCART 407362.499285822 3758612.50529617 479.80 1.50
 ** receptor =B1788+1 (sensitive receptor: C1747)
 DISCCART 407387.500685728 3758562.50547349 489.20 1.50
 ** receptor =B1789+1 (sensitive receptor: C1748)
 DISCCART 407412.502085634 3758662.50511885 497.40 1.50
 ** receptor =B1790+1 (sensitive receptor: C1749)
 DISCCART 407412.502085634 3758612.50529617 500.70 1.50
 ** receptor =B1791+1 (sensitive receptor: C1750)
 DISCCART 407437.495239695 3758562.50547349 507.00 1.50
 ** receptor =B1792+1 (sensitive receptor: C1751)
 DISCCART 407462.4966396 3758662.50511885 504.60 1.50
 ** receptor =B1793+1 (sensitive receptor: C1752)
 DISCCART 407462.4966396 3758612.50529617 505.90 1.50
 ** receptor =B1794+1 (sensitive receptor: C1753)
 DISCCART 407487.498039506 3758562.50547349 501.70 1.50
 ** receptor =B1795+1 (sensitive receptor: C1754)
 DISCCART 407512.499439412 3758662.50511885 483.60 1.50
 ** receptor =B1796+1 (sensitive receptor: C1755)
 DISCCART 407512.499439412 3758612.50529617 477.00 1.50
 ** receptor =B1797+1 (sensitive receptor: C1756)
 DISCCART 407537.500839317 3758562.50547349 0.00 1.50
 ** receptor =B1798+1 (sensitive receptor: C1757)
 DISCCART 407562.502239223 3758662.50511885 0.00 1.50
 ** receptor =B1799+1 (sensitive receptor: C1758)
 DISCCART 407562.502239223 3758612.50529617 0.00 1.50
 ** receptor =B1800+1 (sensitive receptor: C1759)
 DISCCART 407587.495393284 3758562.50547349 0.00 1.50
 ** receptor =B1801+1 (sensitive receptor: C1760)
 DISCCART 407612.49679319 3758662.50511885 0.00 1.50
 ** receptor =B1802+1 (sensitive receptor: C1761)
 DISCCART 407612.49679319 3758612.50529617 0.00 1.50
 ** receptor =B1803+1 (sensitive receptor: C1762)
 DISCCART 407637.498193095 3758562.50547349 0.00 1.50
 ** receptor =B1804+1 (sensitive receptor: C1763)
 DISCCART 407662.499593001 3758612.50529617 0.00 1.50
 ** receptor =B1805+1 (sensitive receptor: C1764)
 DISCCART 407687.500992907 3758562.50547349 0.00 1.50
 ** receptor =B1806+1 (sensitive receptor: C1765)
 DISCCART 407712.502392812 3758612.50529617 0.00 1.50
 ** receptor =B1807+1 (sensitive receptor: C1766)
 DISCCART 407737.495546874 3758562.50547349 0.00 1.50
 ** receptor =B1808+1 (sensitive receptor: C1767)
 DISCCART 407762.496946779 3758612.50529617 0.00 1.50
 ** receptor =B1809+1 (sensitive receptor: C1768)

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DISCCART 407787.498346685 3758562.50547349 0.00 1.50
 ** receptor =B1810+1 (sensitive receptor: C1769)
 DISCCART 407812.49974659 3758612.50529617 0.00 1.50
 ** receptor =B1811+1 (sensitive receptor: C1770)
 DISCCART 407837.501146496 3758562.50547349 0.00 1.50
 ** receptor =B1812+1 (sensitive receptor: C1771)
 DISCCART 407862.502546402 3758612.50529617 0.00 1.50
 ** receptor =B1813+1 (sensitive receptor: C1772)
 DISCCART 407887.503946307 3758562.50547349 0.00 1.50
 ** receptor =B1814+1 (sensitive receptor: C1773)
 DISCCART 407912.497100369 3758612.50529617 0.00 1.50
 ** receptor =B1815+1 (sensitive receptor: C1774)
 DISCCART 407937.498500274 3758562.50547349 0.00 1.50
 ** receptor =B1816+1 (sensitive receptor: C1775)
 DISCCART 407962.49990018 3758612.50529617 0.00 1.50
 ** receptor =B1817+1 (sensitive receptor: C1776)
 DISCCART 407987.501300085 3758562.50547349 0.00 1.50
 ** receptor =B1818+1 (sensitive receptor: C1777)
 DISCCART 408012.502699991 3758612.50529617 0.00 1.50
 ** receptor =B1819+1 (sensitive receptor: C1778)
 DISCCART 408037.495854052 3758562.50547349 0.00 1.50
 ** receptor =B1820+1 (sensitive receptor: C1779)
 DISCCART 408062.497253958 3758612.50529617 0.00 1.50
 ** receptor =B1821+1 (sensitive receptor: C1780)
 DISCCART 408087.498653864 3758562.50547349 0.00 1.50
 ** receptor =B1822+1 (sensitive receptor: C1781)
 DISCCART 408112.500053769 3758612.50529617 0.00 1.50
 ** receptor =B1823+1 (sensitive receptor: C1782)
 DISCCART 405962.503349551 3758537.50056317 302.70 1.50
 ** receptor =B1824+1 (sensitive receptor: C1783)
 DISCCART 405987.496503612 3758562.50547349 307.90 1.50
 ** receptor =B1825+1 (sensitive receptor: C1784)
 DISCCART 406037.499303424 3758562.50547349 311.60 1.50
 ** receptor =B1826+1 (sensitive receptor: C1785)
 DISCCART 406087.502103235 3758562.50547349 314.90 1.50
 ** receptor =B1827+1 (sensitive receptor: C1786)
 DISCCART 406137.496657202 3758562.50547349 321.10 1.50
 ** receptor =B1828+1 (sensitive receptor: C1787)
 DISCCART 406187.499457013 3758562.50547349 324.70 1.50
 ** receptor =B1829+1 (sensitive receptor: C1788)
 DISCCART 406237.502256824 3758562.50547349 332.50 1.50
 ** receptor =B1830+1 (sensitive receptor: C1789)
 DISCCART 406287.496810791 3758562.50547349 339.10 1.50
 ** receptor =B1831+1 (sensitive receptor: C1790)
 DISCCART 406337.499610602 3758562.50547349 344.40 1.50
 ** receptor =B1832+1 (sensitive receptor: C1791)
 DISCCART 406387.502410414 3758562.50547349 347.70 1.50
 ** receptor =B1833+1 (sensitive receptor: C1792)
 DISCCART 406437.496964381 3758562.50547349 353.50 1.50
 ** receptor =B1834+1 (sensitive receptor: C1793)
 DISCCART 406487.499764192 3758562.50547349 357.50 1.50
 ** receptor =B1835+1 (sensitive receptor: C1794)
 DISCCART 406537.502564003 3758537.50056317 357.50 1.50
 ** receptor =B1836+1 (sensitive receptor: C1795)
 DISCCART 406587.49711797 3758537.50056317 360.00 1.50
 ** receptor =B1837+1 (sensitive receptor: C1796)
 DISCCART 406637.499917781 3758537.50056317 357.50 1.50
 ** receptor =B1838+1 (sensitive receptor: C1797)
 DISCCART 406687.502717592 3758537.50056317 360.80 1.50
 ** receptor =B1839+1 (sensitive receptor: C1798)
 DISCCART 406737.497271559 3758537.50056317 360.70 1.50
 ** receptor =B1840+1 (sensitive receptor: C1799)
 DISCCART 406787.50007137 3758537.50056317 360.80 1.50
 ** receptor =B1841+1 (sensitive receptor: C1800)
 DISCCART 406837.502871182 3758537.50056317 364.10 1.50
 ** receptor =B1842+1 (sensitive receptor: C1801)
 DISCCART 406887.497425149 3758537.50056317 373.10 1.50
 ** receptor =B1843+1 (sensitive receptor: C1802)
 DISCCART 406937.50022496 3758537.50056317 380.50 1.50
 ** receptor =B1844+1 (sensitive receptor: C1803)
 DISCCART 406987.503024771 3758537.50056317 396.20 1.50
 ** receptor =B1845+1 (sensitive receptor: C1804)
 DISCCART 407037.497578738 3758537.50056317 400.20 1.50
 ** receptor =B1846+1 (sensitive receptor: C1805)
 DISCCART 407087.500378549 3758537.50056317 409.40 1.50
 ** receptor =B1847+1 (sensitive receptor: C1806)

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DISCCART 407137.50317836 3758537.50056317 422.50 1.50
 ** receptor =B1848+1 (sensitive receptor: C1807)
 DISCCART 407187.497732327 3758537.50056317 451.70 1.50
 ** receptor =B1849+1 (sensitive receptor: C1808)
 DISCCART 407237.500532139 3758537.50056317 462.60 1.50
 ** receptor =B1850+1 (sensitive receptor: C1809)
 DISCCART 407287.50333195 3758537.50056317 471.70 1.50
 ** receptor =B1851+1 (sensitive receptor: C1810)
 DISCCART 407337.497885917 3758537.50056317 482.40 1.50
 ** receptor =B1852+1 (sensitive receptor: C1811)
 DISCCART 407387.500685728 3758537.50056317 488.10 1.50
 ** receptor =B1853+1 (sensitive receptor: C1812)
 DISCCART 407437.495239695 3758537.50056317 503.70 1.50
 ** receptor =B1854+1 (sensitive receptor: C1813)
 DISCCART 407487.498039506 3758537.50056317 509.90 1.50
 ** receptor =B1855+1 (sensitive receptor: C1814)
 DISCCART 407537.500839317 3758537.50056317 0.00 1.50
 ** receptor =B1856+1 (sensitive receptor: C1815)
 DISCCART 407587.495393284 3758537.50056317 0.00 1.50
 ** receptor =B1857+1 (sensitive receptor: C1816)
 DISCCART 407637.498193095 3758537.50056317 0.00 1.50
 ** receptor =B1858+1 (sensitive receptor: C1817)
 DISCCART 407687.500992907 3758537.50056317 0.00 1.50
 ** receptor =B1859+1 (sensitive receptor: C1818)
 DISCCART 407737.495546874 3758537.50056317 0.00 1.50
 ** receptor =B1860+1 (sensitive receptor: C1819)
 DISCCART 407787.498346685 3758537.50056317 0.00 1.50
 ** receptor =B1861+1 (sensitive receptor: C1820)
 DISCCART 407837.501146496 3758537.50056317 0.00 1.50
 ** receptor =B1862+1 (sensitive receptor: C1821)
 DISCCART 407887.503946307 3758537.50056317 0.00 1.50
 ** receptor =B1863+1 (sensitive receptor: C1822)
 DISCCART 407937.498500274 3758537.50056317 0.00 1.50
 ** receptor =B1864+1 (sensitive receptor: C1823)
 DISCCART 407987.501300085 3758537.50056317 0.00 1.50
 ** receptor =B1865+1 (sensitive receptor: C1824)
 DISCCART 408037.495854052 3758537.50056317 0.00 1.50
 ** receptor =B1866+1 (sensitive receptor: C1825)
 DISCCART 408087.498653864 3758537.50056317 0.00 1.50
 ** receptor =B1867+1 (sensitive receptor: C1826)
 DISCCART 405962.503349551 3759987.50541887 754.30 1.50
 ** receptor =B1868+1 (sensitive receptor: C1827)
 DISCCART 405962.503349551 3759937.50559619 733.70 1.50
 ** receptor =B1869+1 (sensitive receptor: C1828)
 DISCCART 405962.503349551 3759887.50577351 704.80 1.50
 ** receptor =B1870+1 (sensitive receptor: C1829)
 DISCCART 405962.503349551 3759837.50595083 641.40 1.50
 ** receptor =B1871+1 (sensitive receptor: C1830)
 DISCCART 405962.503349551 3759787.50612815 628.70 1.50
 ** receptor =B1872+1 (sensitive receptor: C1831)
 DISCCART 405962.503349551 3759737.50630547 619.20 1.50
 ** receptor =B1873+1 (sensitive receptor: C1832)
 DISCCART 405962.503349551 3759687.50648279 548.60 1.50
 ** receptor =B1874+1 (sensitive receptor: C1833)
 DISCCART 405962.503349551 3759637.50666011 532.20 1.50
 ** receptor =B1875+1 (sensitive receptor: C1834)
 DISCCART 405962.503349551 3759587.50683743 515.80 1.50
 ** receptor =B1876+1 (sensitive receptor: C1835)
 DISCCART 405962.503349551 3759537.50701475 522.50 1.50
 ** receptor =B1877+1 (sensitive receptor: C1836)
 DISCCART 405962.503349551 3759487.50719207 522.50 1.50
 ** receptor =B1878+1 (sensitive receptor: C1837)
 DISCCART 405962.503349551 3759437.50736939 515.80 1.50
 ** receptor =B1879+1 (sensitive receptor: C1838)
 DISCCART 405962.503349551 3759387.49754874 488.50 1.50
 ** receptor =B1880+1 (sensitive receptor: C1839)
 DISCCART 405962.503349551 3759337.49772606 453.50 1.50
 ** receptor =B1881+1 (sensitive receptor: C1840)
 DISCCART 405962.503349551 3759287.49790338 420.70 1.50
 ** receptor =B1882+1 (sensitive receptor: C1841)
 DISCCART 405962.503349551 3759237.4980807 394.40 1.50
 ** receptor =B1883+1 (sensitive receptor: C1842)
 DISCCART 405962.503349551 3759187.49825802 377.20 1.50
 ** receptor =B1884+1 (sensitive receptor: C1843)
 DISCCART 405962.503349551 3759137.49843534 373.80 1.50
 ** receptor =B1885+1 (sensitive receptor: C1844)

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DISCCART 405962.503349551 3759087.49861266 367.30 1.50
 ** receptor =B1886+1 (sensitive receptor: C1845)
 DISCCART 405962.503349551 3759037.49878997 357.50 1.50
 ** receptor =B1887+1 (sensitive receptor: C1846)
 DISCCART 405962.503349551 3758987.49896729 354.20 1.50
 ** receptor =B1888+1 (sensitive receptor: C1847)
 DISCCART 405962.503349551 3758937.49914461 348.60 1.50
 ** receptor =B1889+1 (sensitive receptor: C1848)
 DISCCART 405962.503349551 3758887.49932193 344.30 1.50
 ** receptor =B1890+1 (sensitive receptor: C1849)
 DISCCART 405962.503349551 3758837.49949925 337.80 1.50
 ** receptor =B1891+1 (sensitive receptor: C1850)
 DISCCART 405962.503349551 3758787.49967657 331.20 1.50
 ** receptor =B1892+1 (sensitive receptor: C1851)
 DISCCART 405962.503349551 3758737.49985389 324.60 1.50
 ** receptor =B1893+1 (sensitive receptor: C1852)
 DISCCART 405962.503349551 3758687.50003121 318.20 1.50
 ** receptor =B1894+1 (sensitive receptor: C1853)
 DISCCART 405962.503349551 3758637.50020853 311.60 1.50
 ** receptor =B1895+1 (sensitive receptor: C1854)
 DISCCART 406012.497903518 3759987.50541887 735.10 1.50
 ** receptor =B1896+1 (sensitive receptor: C1855)
 DISCCART 406012.497903518 3759937.50559619 667.60 1.50
 ** receptor =B1897+1 (sensitive receptor: C1856)
 DISCCART 406012.497903518 3759887.50577351 662.40 1.50
 ** receptor =B1898+1 (sensitive receptor: C1857)
 DISCCART 406012.497903518 3759837.50595083 645.10 1.50
 ** receptor =B1899+1 (sensitive receptor: C1858)
 DISCCART 406012.497903518 3759787.50612815 625.50 1.50
 ** receptor =B1900+1 (sensitive receptor: C1859)
 DISCCART 406012.497903518 3759737.50630547 624.60 1.50
 ** receptor =B1901+1 (sensitive receptor: C1860)
 DISCCART 406012.497903518 3759687.50648279 557.50 1.50
 ** receptor =B1902+1 (sensitive receptor: C1861)
 DISCCART 406012.497903518 3759637.50666011 544.40 1.50
 ** receptor =B1903+1 (sensitive receptor: C1862)
 DISCCART 406012.497903518 3759587.50683743 528.10 1.50
 ** receptor =B1904+1 (sensitive receptor: C1863)
 DISCCART 406012.497903518 3759537.50701475 528.10 1.50
 ** receptor =B1905+1 (sensitive receptor: C1864)
 DISCCART 406012.497903518 3759487.50719207 521.90 1.50
 ** receptor =B1906+1 (sensitive receptor: C1865)
 DISCCART 406012.497903518 3759437.50736939 492.90 1.50
 ** receptor =B1907+1 (sensitive receptor: C1866)
 DISCCART 406012.497903518 3759387.49754874 480.10 1.50
 ** receptor =B1908+1 (sensitive receptor: C1867)
 DISCCART 406012.497903518 3759337.49772606 450.70 1.50
 ** receptor =B1909+1 (sensitive receptor: C1868)
 DISCCART 406012.497903518 3759287.49790338 426.30 1.50
 ** receptor =B1910+1 (sensitive receptor: C1869)
 DISCCART 406012.497903518 3759237.4980807 399.10 1.50
 ** receptor =B1911+1 (sensitive receptor: C1870)
 DISCCART 406012.497903518 3759187.49825802 381.40 1.50
 ** receptor =B1912+1 (sensitive receptor: C1871)
 DISCCART 406012.497903518 3759137.49843534 378.10 1.50
 ** receptor =B1913+1 (sensitive receptor: C1872)
 DISCCART 406012.497903518 3759087.49861266 370.60 1.50
 ** receptor =B1914+1 (sensitive receptor: C1873)
 DISCCART 406012.497903518 3759037.49878997 361.70 1.50
 ** receptor =B1915+1 (sensitive receptor: C1874)
 DISCCART 406012.497903518 3758987.49896729 360.80 1.50
 ** receptor =B1916+1 (sensitive receptor: C1875)
 DISCCART 406012.497903518 3758937.49914461 355.10 1.50
 ** receptor =B1917+1 (sensitive receptor: C1876)
 DISCCART 406012.497903518 3758887.49932193 347.60 1.50
 ** receptor =B1918+1 (sensitive receptor: C1877)
 DISCCART 406012.497903518 3758837.49949925 337.80 1.50
 ** receptor =B1919+1 (sensitive receptor: C1878)
 DISCCART 406012.497903518 3758787.49967657 334.60 1.50
 ** receptor =B1920+1 (sensitive receptor: C1879)
 DISCCART 406012.497903518 3758737.49985389 327.90 1.50
 ** receptor =B1921+1 (sensitive receptor: C1880)
 DISCCART 406012.497903518 3758687.50003121 321.40 1.50
 ** receptor =B1922+1 (sensitive receptor: C1881)
 DISCCART 406012.497903518 3758637.50020853 315.80 1.50
 ** receptor =B1923+1 (sensitive receptor: C1882)

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DISCCART 406062.500703329 3759987.50541887 686.90 1.50
 ** receptor =B1924+1 (sensitive receptor: C1883)
 DISCCART 406062.500703329 3759837.50595083 582.90 1.50
 ** receptor =B1925+1 (sensitive receptor: C1884)
 DISCCART 406062.500703329 3759787.50612815 563.20 1.50
 ** receptor =B1926+1 (sensitive receptor: C1885)
 DISCCART 406062.500703329 3759737.50630547 545.60 1.50
 ** receptor =B1927+1 (sensitive receptor: C1886)
 DISCCART 406062.500703329 3759687.50648279 548.50 1.50
 ** receptor =B1928+1 (sensitive receptor: C1887)
 DISCCART 406062.500703329 3759637.50666011 528.50 1.50
 ** receptor =B1929+1 (sensitive receptor: C1888)
 DISCCART 406062.500703329 3759587.50683743 517.70 1.50
 ** receptor =B1930+1 (sensitive receptor: C1889)
 DISCCART 406062.500703329 3759537.50701475 480.20 1.50
 ** receptor =B1931+1 (sensitive receptor: C1890)
 DISCCART 406062.500703329 3759487.50719207 465.80 1.50
 ** receptor =B1932+1 (sensitive receptor: C1891)
 DISCCART 406062.500703329 3759437.50736939 454.00 1.50
 ** receptor =B1933+1 (sensitive receptor: C1892)
 DISCCART 406062.500703329 3759387.49754874 437.60 1.50
 ** receptor =B1934+1 (sensitive receptor: C1893)
 DISCCART 406062.500703329 3759337.49772606 424.50 1.50
 ** receptor =B1935+1 (sensitive receptor: C1894)
 DISCCART 406062.500703329 3759287.49790338 414.80 1.50
 ** receptor =B1936+1 (sensitive receptor: C1895)
 DISCCART 406062.500703329 3759237.4980807 393.60 1.50
 ** receptor =B1937+1 (sensitive receptor: C1896)
 DISCCART 406062.500703329 3759187.49825802 390.30 1.50
 ** receptor =B1938+1 (sensitive receptor: C1897)
 DISCCART 406062.500703329 3759137.49843534 383.70 1.50
 ** receptor =B1939+1 (sensitive receptor: C1898)
 DISCCART 406062.500703329 3759087.49861266 377.10 1.50
 ** receptor =B1940+1 (sensitive receptor: C1899)
 DISCCART 406062.500703329 3759037.49878997 370.60 1.50
 ** receptor =B1941+1 (sensitive receptor: C1900)
 DISCCART 406062.500703329 3758987.49896729 367.30 1.50
 ** receptor =B1942+1 (sensitive receptor: C1901)
 DISCCART 406062.500703329 3758937.49914461 357.50 1.50
 ** receptor =B1943+1 (sensitive receptor: C1902)
 DISCCART 406062.500703329 3758887.49932193 351.90 1.50
 ** receptor =B1944+1 (sensitive receptor: C1903)
 DISCCART 406062.500703329 3758837.49949925 344.40 1.50
 ** receptor =B1945+1 (sensitive receptor: C1904)
 DISCCART 406062.500703329 3758787.49967657 337.80 1.50
 ** receptor =B1946+1 (sensitive receptor: C1905)
 DISCCART 406062.500703329 3758737.49985389 332.20 1.50
 ** receptor =B1947+1 (sensitive receptor: C1906)
 DISCCART 406062.500703329 3758687.50003121 324.70 1.50
 ** receptor =B1948+1 (sensitive receptor: C1907)
 DISCCART 406062.500703329 3758637.50020853 321.40 1.50
 ** receptor =B1949+1 (sensitive receptor: C1908)
 DISCCART 406112.495257296 3759987.50541887 592.60 1.50
 ** receptor =B1950+1 (sensitive receptor: C1909)
 DISCCART 406112.495257296 3759837.50595083 488.70 1.50
 ** receptor =B1951+1 (sensitive receptor: C1910)
 DISCCART 406112.495257296 3759787.50612815 485.40 1.50
 ** receptor =B1952+1 (sensitive receptor: C1911)
 DISCCART 406112.495257296 3759737.50630547 478.00 1.50
 ** receptor =B1953+1 (sensitive receptor: C1912)
 DISCCART 406112.495257296 3759687.50648279 475.60 1.50
 ** receptor =B1954+1 (sensitive receptor: C1913)
 DISCCART 406112.495257296 3759637.50666011 469.00 1.50
 ** receptor =B1955+1 (sensitive receptor: C1914)
 DISCCART 406112.495257296 3759587.50683743 469.00 1.50
 ** receptor =B1956+1 (sensitive receptor: C1915)
 DISCCART 406112.495257296 3759537.50701475 464.80 1.50
 ** receptor =B1957+1 (sensitive receptor: C1916)
 DISCCART 406112.495257296 3759487.50719207 448.70 1.50
 ** receptor =B1958+1 (sensitive receptor: C1917)
 DISCCART 406112.495257296 3759437.50736939 426.30 1.50
 ** receptor =B1959+1 (sensitive receptor: C1918)
 DISCCART 406112.495257296 3759387.49754874 417.50 1.50
 ** receptor =B1960+1 (sensitive receptor: C1919)
 DISCCART 406112.495257296 3759337.49772606 421.60 1.50
 ** receptor =B1961+1 (sensitive receptor: C1920)

Appendix B

PM 24 hour Emissions Mitigated

** DISCCART	406112.495257296	3759287.49790338	418.40	1.50
** receptor	=B1962+1 (sensitive receptor: C1921)			
** DISCCART	406112.495257296	3759237.4980807	404.30	1.50
** receptor	=B1963+1 (sensitive receptor: C1922)			
** DISCCART	406112.495257296	3759187.49825802	397.80	1.50
** receptor	=B1964+1 (sensitive receptor: C1923)			
** DISCCART	406112.495257296	3759137.49843534	390.30	1.50
** receptor	=B1965+1 (sensitive receptor: C1924)			
** DISCCART	406112.495257296	3759087.49861266	383.70	1.50
** receptor	=B1966+1 (sensitive receptor: C1925)			
** DISCCART	406112.495257296	3759037.49878997	378.10	1.50
** receptor	=B1967+1 (sensitive receptor: C1926)			
** DISCCART	406112.495257296	3758987.49896729	373.90	1.50
** receptor	=B1968+1 (sensitive receptor: C1927)			
** DISCCART	406112.495257296	3758937.49914461	365.00	1.50
** receptor	=B1969+1 (sensitive receptor: C1928)			
** DISCCART	406112.495257296	3758887.49932193	358.40	1.50
** receptor	=B1970+1 (sensitive receptor: C1929)			
** DISCCART	406112.495257296	3758837.49949925	351.90	1.50
** receptor	=B1971+1 (sensitive receptor: C1930)			
** DISCCART	406112.495257296	3758787.49967657	344.30	1.50
** receptor	=B1972+1 (sensitive receptor: C1931)			
** DISCCART	406112.495257296	3758737.49985389	335.50	1.50
** receptor	=B1973+1 (sensitive receptor: C1932)			
** DISCCART	406112.495257296	3758687.50003121	331.20	1.50
** receptor	=B1974+1 (sensitive receptor: C1933)			
** DISCCART	406112.495257296	3758637.50020853	324.70	1.50
** receptor	=B1975+1 (sensitive receptor: C1934)			
** DISCCART	406162.498057107	3759987.50541887	509.70	1.50
** receptor	=B1976+1 (sensitive receptor: C1935)			
** DISCCART	406162.498057107	3759837.50595083	503.20	1.50
** receptor	=B1977+1 (sensitive receptor: C1936)			
** DISCCART	406162.498057107	3759787.50612815	506.00	1.50
** receptor	=B1978+1 (sensitive receptor: C1937)			
** DISCCART	406162.498057107	3759437.50736939	449.80	1.50
** receptor	=B1979+1 (sensitive receptor: C1938)			
** DISCCART	406162.498057107	3759387.49754874	454.50	1.50
** receptor	=B1980+1 (sensitive receptor: C1939)			
** DISCCART	406162.498057107	3759337.49772606	452.20	1.50
** receptor	=B1981+1 (sensitive receptor: C1940)			
** DISCCART	406162.498057107	3759287.49790338	433.80	1.50
** receptor	=B1982+1 (sensitive receptor: C1941)			
** DISCCART	406162.498057107	3759237.4980807	414.20	1.50
** receptor	=B1983+1 (sensitive receptor: C1942)			
** DISCCART	406162.498057107	3759187.49825802	404.30	1.50
** receptor	=B1984+1 (sensitive receptor: C1943)			
** DISCCART	406162.498057107	3759137.49843534	396.80	1.50
** receptor	=B1985+1 (sensitive receptor: C1944)			
** DISCCART	406162.498057107	3759087.49861266	390.30	1.50
** receptor	=B1986+1 (sensitive receptor: C1945)			
** DISCCART	406162.498057107	3759037.49878997	384.70	1.50
** receptor	=B1987+1 (sensitive receptor: C1946)			
** DISCCART	406162.498057107	3758987.49896729	380.50	1.50
** receptor	=B1988+1 (sensitive receptor: C1947)			
** DISCCART	406162.498057107	3758937.49914461	371.50	1.50
** receptor	=B1989+1 (sensitive receptor: C1948)			
** DISCCART	406162.498057107	3758887.49932193	364.10	1.50
** receptor	=B1990+1 (sensitive receptor: C1949)			
** DISCCART	406162.498057107	3758837.49949925	357.50	1.50
** receptor	=B1991+1 (sensitive receptor: C1950)			
** DISCCART	406162.498057107	3758787.49967657	347.60	1.50
** receptor	=B1992+1 (sensitive receptor: C1951)			
** DISCCART	406162.498057107	3758737.49985389	337.80	1.50
** receptor	=B1993+1 (sensitive receptor: C1952)			
** DISCCART	406162.498057107	3758687.50003121	334.50	1.50
** receptor	=B1994+1 (sensitive receptor: C1953)			
** DISCCART	406162.498057107	3758637.50020853	328.00	1.50
** receptor	=B1995+1 (sensitive receptor: C1954)			
** DISCCART	406212.500856919	3759437.50736939	498.50	1.50
** receptor	=B1996+1 (sensitive receptor: C1955)			
** DISCCART	406212.500856919	3759387.49754874	483.00	1.50
** receptor	=B1997+1 (sensitive receptor: C1956)			
** DISCCART	406212.500856919	3759337.49772606	462.50	1.50
** receptor	=B1998+1 (sensitive receptor: C1957)			
** DISCCART	406212.500856919	3759287.49790338	442.70	1.50
** receptor	=B1999+1 (sensitive receptor: C1958)			

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DISCCART 406212.500856919 3759237.4980807 420.70 1.50
 ** receptor =B2000+1 (sensitive receptor: C1959)
 DISCCART 406212.500856919 3759187.49825802 410.00 1.50
 ** receptor =B2001+1 (sensitive receptor: C1960)
 DISCCART 406212.500856919 3759137.49843534 403.40 1.50
 ** receptor =B2002+1 (sensitive receptor: C1961)
 DISCCART 406212.500856919 3759087.49861266 396.80 1.50
 ** receptor =B2003+1 (sensitive receptor: C1962)
 DISCCART 406212.500856919 3759037.49878997 390.20 1.50
 ** receptor =B2004+1 (sensitive receptor: C1963)
 DISCCART 406212.500856919 3758987.49896729 383.70 1.50
 ** receptor =B2005+1 (sensitive receptor: C1964)
 DISCCART 406212.500856919 3758937.49914461 377.10 1.50
 ** receptor =B2006+1 (sensitive receptor: C1965)
 DISCCART 406212.500856919 3758887.49932193 367.30 1.50
 ** receptor =B2007+1 (sensitive receptor: C1966)
 DISCCART 406212.500856919 3758837.49949925 358.40 1.50
 ** receptor =B2008+1 (sensitive receptor: C1967)
 DISCCART 406212.500856919 3758787.49967657 350.90 1.50
 ** receptor =B2009+1 (sensitive receptor: C1968)
 DISCCART 406212.500856919 3758737.49985389 341.10 1.50
 ** receptor =B2010+1 (sensitive receptor: C1969)
 DISCCART 406212.500856919 3758687.50003121 337.80 1.50
 ** receptor =B2011+1 (sensitive receptor: C1970)
 DISCCART 406212.500856919 3758637.50020853 334.50 1.50
 ** receptor =B2012+1 (sensitive receptor: C1971)
 DISCCART 406262.495410886 3759437.50736939 502.70 1.50
 ** receptor =B2013+1 (sensitive receptor: C1972)
 DISCCART 406262.495410886 3759387.49754874 490.40 1.50
 ** receptor =B2014+1 (sensitive receptor: C1973)
 DISCCART 406262.495410886 3759337.49772606 459.10 1.50
 ** receptor =B2015+1 (sensitive receptor: C1974)
 DISCCART 406262.495410886 3759287.49790338 446.00 1.50
 ** receptor =B2016+1 (sensitive receptor: C1975)
 DISCCART 406262.495410886 3759237.4980807 430.50 1.50
 ** receptor =B2017+1 (sensitive receptor: C1976)
 DISCCART 406262.495410886 3759187.49825802 416.50 1.50
 ** receptor =B2018+1 (sensitive receptor: C1977)
 DISCCART 406262.495410886 3759137.49843534 406.70 1.50
 ** receptor =B2019+1 (sensitive receptor: C1978)
 DISCCART 406262.495410886 3759087.49861266 400.20 1.50
 ** receptor =B2020+1 (sensitive receptor: C1979)
 DISCCART 406262.495410886 3759037.49878997 393.50 1.50
 ** receptor =B2021+1 (sensitive receptor: C1980)
 DISCCART 406262.495410886 3758987.49896729 383.70 1.50
 ** receptor =B2022+1 (sensitive receptor: C1981)
 DISCCART 406262.495410886 3758937.49914461 377.10 1.50
 ** receptor =B2023+1 (sensitive receptor: C1982)
 DISCCART 406262.495410886 3758887.49932193 367.40 1.50
 ** receptor =B2024+1 (sensitive receptor: C1983)
 DISCCART 406262.495410886 3758837.49949925 359.80 1.50
 ** receptor =B2025+1 (sensitive receptor: C1984)
 DISCCART 406262.495410886 3758787.49967657 354.20 1.50
 ** receptor =B2026+1 (sensitive receptor: C1985)
 DISCCART 406262.495410886 3758737.49985389 344.40 1.50
 ** receptor =B2027+1 (sensitive receptor: C1986)
 DISCCART 406262.495410886 3758687.50003121 341.10 1.50
 ** receptor =B2028+1 (sensitive receptor: C1987)
 DISCCART 406262.495410886 3758637.50020853 337.80 1.50
 ** receptor =B2029+1 (sensitive receptor: C1988)
 DISCCART 406312.498210697 3759437.50736939 511.60 1.50
 ** receptor =B2030+1 (sensitive receptor: C1989)
 DISCCART 406312.498210697 3759387.49754874 505.00 1.50
 ** receptor =B2031+1 (sensitive receptor: C1990)
 DISCCART 406312.498210697 3759337.49772606 473.10 1.50
 ** receptor =B2032+1 (sensitive receptor: C1991)
 DISCCART 406312.498210697 3759287.49790338 452.60 1.50
 ** receptor =B2033+1 (sensitive receptor: C1992)
 DISCCART 406312.498210697 3759237.4980807 436.20 1.50
 ** receptor =B2034+1 (sensitive receptor: C1993)
 DISCCART 406312.498210697 3759187.49825802 419.80 1.50
 ** receptor =B2035+1 (sensitive receptor: C1994)
 DISCCART 406312.498210697 3759137.49843534 409.90 1.50
 ** receptor =B2036+1 (sensitive receptor: C1995)
 DISCCART 406312.498210697 3759087.49861266 400.20 1.50
 ** receptor =B2037+1 (sensitive receptor: C1996)

Appendix B

PM 24 hour Emissions Mitigated

DISCCART 406312.498210697 3759037.49878997 393.50 1.50
 ** receptor =B2038+1 (sensitive receptor: C1997)
 DISCCART 406312.498210697 3758987.49896729 383.70 1.50
 ** receptor =B2039+1 (sensitive receptor: C1998)
 DISCCART 406312.498210697 3758937.49914461 373.90 1.50
 ** receptor =B2040+1 (sensitive receptor: C1999)
 DISCCART 406312.498210697 3758887.49932193 367.40 1.50
 ** receptor =B2041+1 (sensitive receptor: C2000)
 DISCCART 406312.498210697 3758837.49949925 360.70 1.50
 ** receptor =B2042+1 (sensitive receptor: C2001)
 DISCCART 406312.498210697 3758787.49967657 354.20 1.50
 ** receptor =B2043+1 (sensitive receptor: C2002)
 DISCCART 406312.498210697 3758737.49985389 347.70 1.50
 ** receptor =B2044+1 (sensitive receptor: C2003)
 DISCCART 406312.498210697 3758687.50003121 344.40 1.50
 ** receptor =B2045+1 (sensitive receptor: C2004)
 DISCCART 406312.498210697 3758637.50020853 342.00 1.50
 ** receptor =B2046+1 (sensitive receptor: C2005)
 DISCCART 406362.501010508 3759437.50736939 495.70 1.50
 ** receptor =B2047+1 (sensitive receptor: C2006)
 DISCCART 406362.501010508 3759387.49754874 485.90 1.50
 ** receptor =B2048+1 (sensitive receptor: C2007)
 DISCCART 406362.501010508 3759337.49772606 471.20 1.50
 ** receptor =B2049+1 (sensitive receptor: C2008)
 DISCCART 406362.501010508 3759287.49790338 449.30 1.50
 ** receptor =B2050+1 (sensitive receptor: C2009)
 DISCCART 406362.501010508 3759237.4980807 436.20 1.50
 ** receptor =B2051+1 (sensitive receptor: C2010)
 DISCCART 406362.501010508 3759187.49825802 423.00 1.50
 ** receptor =B2052+1 (sensitive receptor: C2011)
 DISCCART 406362.501010508 3759137.49843534 413.20 1.50
 ** receptor =B2053+1 (sensitive receptor: C2012)
 DISCCART 406362.501010508 3759087.49861266 403.40 1.50
 ** receptor =B2054+1 (sensitive receptor: C2013)
 DISCCART 406362.501010508 3759037.49878997 393.60 1.50
 ** receptor =B2055+1 (sensitive receptor: C2014)
 DISCCART 406362.501010508 3758987.49896729 383.80 1.50
 ** receptor =B2056+1 (sensitive receptor: C2015)
 DISCCART 406362.501010508 3758937.49914461 377.10 1.50
 ** receptor =B2057+1 (sensitive receptor: C2016)
 DISCCART 406362.501010508 3758887.49932193 366.40 1.50
 ** receptor =B2058+1 (sensitive receptor: C2017)
 DISCCART 406362.501010508 3758837.49949925 357.50 1.50
 ** receptor =B2059+1 (sensitive receptor: C2018)
 DISCCART 406362.501010508 3758787.49967657 354.20 1.50
 ** receptor =B2060+1 (sensitive receptor: C2019)
 DISCCART 406362.501010508 3758737.49985389 351.90 1.50
 ** receptor =B2061+1 (sensitive receptor: C2020)
 DISCCART 406362.501010508 3758687.50003121 351.00 1.50
 ** receptor =B2062+1 (sensitive receptor: C2021)
 DISCCART 406362.501010508 3758637.50020853 347.70 1.50
 ** receptor =B2063+1 (sensitive receptor: C2022)
 DISCCART 406412.503810319 3759337.49772606 455.80 1.50
 ** receptor =B2064+1 (sensitive receptor: C2023)
 DISCCART 406412.503810319 3759287.49790338 446.10 1.50
 ** receptor =B2065+1 (sensitive receptor: C2024)
 DISCCART 406412.503810319 3759237.4980807 439.50 1.50
 ** receptor =B2066+1 (sensitive receptor: C2025)
 DISCCART 406412.503810319 3759187.49825802 426.30 1.50
 ** receptor =B2067+1 (sensitive receptor: C2026)
 DISCCART 406412.503810319 3759137.49843534 413.30 1.50
 ** receptor =B2068+1 (sensitive receptor: C2027)
 DISCCART 406412.503810319 3759087.49861266 403.40 1.50
 ** receptor =B2069+1 (sensitive receptor: C2028)
 DISCCART 406412.503810319 3759037.49878997 393.60 1.50
 ** receptor =B2070+1 (sensitive receptor: C2029)
 DISCCART 406412.503810319 3758987.49896729 387.00 1.50
 ** receptor =B2071+1 (sensitive receptor: C2030)
 DISCCART 406412.503810319 3758937.49914461 378.10 1.50
 ** receptor =B2072+1 (sensitive receptor: C2031)
 DISCCART 406412.503810319 3758887.49932193 364.00 1.50
 ** receptor =B2073+1 (sensitive receptor: C2032)
 DISCCART 406412.503810319 3758837.49949925 357.50 1.50
 ** receptor =B2074+1 (sensitive receptor: C2033)
 DISCCART 406412.503810319 3758787.49967657 355.20 1.50
 ** receptor =B2075+1 (sensitive receptor: C2034)

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PM 24 hour Emissions Mitigated

DISCCART 406412.503810319 3758737.49985389 357.50 1.50
 ** receptor =B2076+1 (sensitive receptor: C2035)
 DISCCART 406412.503810319 3758687.50003121 357.50 1.50
 ** receptor =B2077+1 (sensitive receptor: C2036)
 DISCCART 406412.503810319 3758637.50020853 355.10 1.50
 ** receptor =B2078+1 (sensitive receptor: C2037)
 DISCCART 406462.498364286 3759287.49790338 449.30 1.50
 ** receptor =B2079+1 (sensitive receptor: C2038)
 DISCCART 406462.498364286 3759237.4980807 439.40 1.50
 ** receptor =B2080+1 (sensitive receptor: C2039)
 DISCCART 406462.498364286 3759187.49825802 426.30 1.50
 ** receptor =B2081+1 (sensitive receptor: C2040)
 DISCCART 406462.498364286 3759137.49843534 413.20 1.50
 ** receptor =B2082+1 (sensitive receptor: C2041)
 DISCCART 406462.498364286 3759087.49861266 400.20 1.50
 ** receptor =B2083+1 (sensitive receptor: C2042)
 DISCCART 406462.498364286 3759037.49878997 393.60 1.50
 ** receptor =B2084+1 (sensitive receptor: C2043)
 DISCCART 406462.498364286 3758987.49896729 387.00 1.50
 ** receptor =B2085+1 (sensitive receptor: C2044)
 DISCCART 406462.498364286 3758937.49914461 380.50 1.50
 ** receptor =B2086+1 (sensitive receptor: C2045)
 DISCCART 406462.498364286 3758887.49932193 368.20 1.50
 ** receptor =B2087+1 (sensitive receptor: C2046)
 DISCCART 406462.498364286 3758837.49949925 358.40 1.50
 ** receptor =B2088+1 (sensitive receptor: C2047)
 DISCCART 406462.498364286 3758787.49967657 361.70 1.50
 ** receptor =B2089+1 (sensitive receptor: C2048)
 DISCCART 406462.498364286 3758737.49985389 361.70 1.50
 ** receptor =B2090+1 (sensitive receptor: C2049)
 DISCCART 406462.498364286 3758687.50003121 364.00 1.50
 ** receptor =B2091+1 (sensitive receptor: C2050)
 DISCCART 406462.498364286 3758637.50020853 358.40 1.50
 ** receptor =B2092+1 (sensitive receptor: C2051)
 DISCCART 406512.501164097 3759287.49790338 452.60 1.50
 ** receptor =B2093+1 (sensitive receptor: C2052)
 DISCCART 406512.501164097 3759237.4980807 439.50 1.50
 ** receptor =B2094+1 (sensitive receptor: C2053)
 DISCCART 406512.501164097 3759187.49825802 424.00 1.50
 ** receptor =B2095+1 (sensitive receptor: C2054)
 DISCCART 406512.501164097 3759137.49843534 414.20 1.50
 ** receptor =B2096+1 (sensitive receptor: C2055)
 DISCCART 406512.501164097 3759087.49861266 406.60 1.50
 ** receptor =B2097+1 (sensitive receptor: C2056)
 DISCCART 406512.501164097 3759037.49878997 397.80 1.50
 ** receptor =B2098+1 (sensitive receptor: C2057)
 DISCCART 406512.501164097 3758987.49896729 390.20 1.50
 ** receptor =B2099+1 (sensitive receptor: C2058)
 DISCCART 406512.501164097 3758937.49914461 382.80 1.50
 ** receptor =B2100+1 (sensitive receptor: C2059)
 DISCCART 406512.501164097 3758887.49932193 373.90 1.50
 ** receptor =B2101+1 (sensitive receptor: C2060)
 DISCCART 406512.501164097 3758837.49949925 374.80 1.50
 ** receptor =B2102+1 (sensitive receptor: C2061)
 DISCCART 406512.501164097 3758787.49967657 371.60 1.50
 ** receptor =B2103+1 (sensitive receptor: C2062)
 DISCCART 406512.501164097 3758737.49985389 371.60 1.50
 ** receptor =B2104+1 (sensitive receptor: C2063)
 DISCCART 406512.501164097 3758687.50003121 368.30 1.50
 ** receptor =B2105+1 (sensitive receptor: C2064)
 DISCCART 406512.501164097 3758637.50020853 365.00 1.50
 ** receptor =B2106+1 (sensitive receptor: C2065)
 DISCCART 406562.495718064 3759237.4980807 443.60 1.50
 ** receptor =B2107+1 (sensitive receptor: C2066)
 DISCCART 406562.495718064 3759187.49825802 432.90 1.50
 ** receptor =B2108+1 (sensitive receptor: C2067)
 DISCCART 406562.495718064 3759137.49843534 419.80 1.50
 ** receptor =B2109+1 (sensitive receptor: C2068)
 DISCCART 406562.495718064 3759087.49861266 410.90 1.50
 ** receptor =B2110+1 (sensitive receptor: C2069)
 DISCCART 406562.495718064 3759037.49878997 403.40 1.50
 ** receptor =B2111+1 (sensitive receptor: C2070)
 DISCCART 406562.495718064 3758987.49896729 393.50 1.50
 ** receptor =B2112+1 (sensitive receptor: C2071)
 DISCCART 406562.495718064 3758937.49914461 381.40 1.50
 ** receptor =B2113+1 (sensitive receptor: C2072)

Appendix B

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** DISCCART	406562.495718064	3758887.49932193	381.40	1.50
** receptor	=B2114+1 (sensitive receptor: C2073)			
** DISCCART	406562.495718064	3758837.49949925	384.70	1.50
** receptor	=B2115+1 (sensitive receptor: C2074)			
** DISCCART	406562.495718064	3758787.49967657	381.40	1.50
** receptor	=B2116+1 (sensitive receptor: C2075)			
** DISCCART	406562.495718064	3758737.49985389	380.40	1.50
** receptor	=B2117+1 (sensitive receptor: C2076)			
** DISCCART	406562.495718064	3758687.50003121	374.80	1.50
** receptor	=B2118+1 (sensitive receptor: C2077)			
** DISCCART	406562.495718064	3758637.50020853	370.60	1.50
** receptor	=B2119+1 (sensitive receptor: C2078)			
** DISCCART	406562.495718064	3758587.50038585	364.10	1.50
** receptor	=B2120+1 (sensitive receptor: C2079)			
** DISCCART	406612.498517875	3759187.49825802	440.40	1.50
** receptor	=B2121+1 (sensitive receptor: C2080)			
** DISCCART	406612.498517875	3759137.49843534	427.30	1.50
** receptor	=B2122+1 (sensitive receptor: C2081)			
** DISCCART	406612.498517875	3759087.49861266	416.50	1.50
** receptor	=B2123+1 (sensitive receptor: C2082)			
** DISCCART	406612.498517875	3759037.49878997	403.40	1.50
** receptor	=B2124+1 (sensitive receptor: C2083)			
** DISCCART	406612.498517875	3758987.49896729	396.80	1.50
** receptor	=B2125+1 (sensitive receptor: C2084)			
** DISCCART	406612.498517875	3758937.49914461	397.80	1.50
** receptor	=B2126+1 (sensitive receptor: C2085)			
** DISCCART	406612.498517875	3758887.49932193	397.80	1.50
** receptor	=B2127+1 (sensitive receptor: C2086)			
** DISCCART	406612.498517875	3758837.49949925	393.60	1.50
** receptor	=B2128+1 (sensitive receptor: C2087)			
** DISCCART	406612.498517875	3758787.49967657	387.00	1.50
** receptor	=B2129+1 (sensitive receptor: C2088)			
** DISCCART	406612.498517875	3758737.49985389	383.70	1.50
** receptor	=B2130+1 (sensitive receptor: C2089)			
** DISCCART	406612.498517875	3758687.50003121	380.40	1.50
** receptor	=B2131+1 (sensitive receptor: C2090)			
** DISCCART	406612.498517875	3758637.50020853	370.60	1.50
** receptor	=B2132+1 (sensitive receptor: C2091)			
** DISCCART	406612.498517875	3758587.50038585	364.10	1.50
** receptor	=B2133+1 (sensitive receptor: C2092)			
** DISCCART	406662.501317687	3759187.49825802	446.00	1.50
** receptor	=B2134+1 (sensitive receptor: C2093)			
** DISCCART	406662.501317687	3759137.49843534	429.60	1.50
** receptor	=B2135+1 (sensitive receptor: C2094)			
** DISCCART	406662.501317687	3759087.49861266	419.80	1.50
** receptor	=B2136+1 (sensitive receptor: C2095)			
** DISCCART	406662.501317687	3759037.49878997	410.90	1.50
** receptor	=B2137+1 (sensitive receptor: C2096)			
** DISCCART	406662.501317687	3758987.49896729	408.60	1.50
** receptor	=B2138+1 (sensitive receptor: C2097)			
** DISCCART	406662.501317687	3758937.49914461	410.00	1.50
** receptor	=B2139+1 (sensitive receptor: C2098)			
** DISCCART	406662.501317687	3758887.49932193	403.40	1.50
** receptor	=B2140+1 (sensitive receptor: C2099)			
** DISCCART	406662.501317687	3758837.49949925	400.10	1.50
** receptor	=B2141+1 (sensitive receptor: C2100)			
** DISCCART	406662.501317687	3758787.49967657	390.30	1.50
** receptor	=B2142+1 (sensitive receptor: C2101)			
** DISCCART	406662.501317687	3758737.49985389	383.80	1.50
** receptor	=B2143+1 (sensitive receptor: C2102)			
** DISCCART	406712.495871654	3759137.49843534	430.50	1.50
** receptor	=B2144+1 (sensitive receptor: C2103)			
** DISCCART	406712.495871654	3759087.49861266	430.70	1.50
** receptor	=B2145+1 (sensitive receptor: C2104)			
** DISCCART	406712.495871654	3759037.49878997	428.20	1.50
** receptor	=B2146+1 (sensitive receptor: C2105)			
** DISCCART	406712.495871654	3758987.49896729	424.00	1.50
** receptor	=B2147+1 (sensitive receptor: C2106)			
** DISCCART	406712.495871654	3758937.49914461	419.80	1.50
** receptor	=B2148+1 (sensitive receptor: C2107)			
** DISCCART	406712.495871654	3758887.49932193	405.70	1.50
** receptor	=B2149+1 (sensitive receptor: C2108)			
** DISCCART	406712.495871654	3758587.50038585	373.80	1.50
** receptor	=B2150+1 (sensitive receptor: C2109)			
** DISCCART	406762.498671465	3759037.49878997	446.90	1.50
** receptor	=B2151+1 (sensitive receptor: C2110)			

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** receptor	DISCCART	406762.498671465	3758987.49896729	432.80	1.50
** receptor	=B2152+1 (sensitive receptor: C2111)				
** receptor	DISCCART	406762.498671465	3758937.49914461	416.60	1.50
** receptor	=B2153+1 (sensitive receptor: C2112)				
** receptor	DISCCART	406762.498671465	3758687.50003121	388.00	1.50
** receptor	=B2154+1 (sensitive receptor: C2113)				
** receptor	DISCCART	406762.498671465	3758637.50020853	382.80	1.50
** receptor	=B2155+1 (sensitive receptor: C2114)				
** receptor	DISCCART	406762.498671465	3758587.50038585	373.90	1.50
** receptor	=B2156+1 (sensitive receptor: C2115)				
** receptor	DISCCART	406812.501471276	3758987.49896729	435.20	1.50
** receptor	=B2157+1 (sensitive receptor: C2116)				
** receptor	DISCCART	406812.501471276	3758687.50003121	397.80	1.50
** receptor	=B2158+1 (sensitive receptor: C2117)				
** receptor	DISCCART	406812.501471276	3758637.50020853	384.70	1.50
** receptor	=B2159+1 (sensitive receptor: C2118)				
** receptor	DISCCART	406812.501471276	3758587.50038585	379.40	1.50
** receptor	=B2160+1 (sensitive receptor: C2119)				
** receptor	DISCCART	406862.496025243	3758737.49985389	406.70	1.50
** receptor	=B2161+1 (sensitive receptor: C2120)				
** receptor	DISCCART	406862.496025243	3758687.50003121	400.10	1.50
** receptor	=B2162+1 (sensitive receptor: C2121)				
** receptor	DISCCART	406862.496025243	3758637.50020853	387.00	1.50
** receptor	=B2163+1 (sensitive receptor: C2122)				
** receptor	DISCCART	406862.496025243	3758587.50038585	356.60	1.50
** receptor	=B2164+1 (sensitive receptor: C2123)				
** receptor	DISCCART	406912.498825054	3758787.49967657	416.60	1.50
** receptor	=B2165+1 (sensitive receptor: C2124)				
** receptor	DISCCART	406912.498825054	3758737.49985389	403.40	1.50
** receptor	=B2166+1 (sensitive receptor: C2125)				
** receptor	DISCCART	406912.498825054	3758687.50003121	393.60	1.50
** receptor	=B2167+1 (sensitive receptor: C2126)				
** receptor	DISCCART	406912.498825054	3758637.50020853	382.70	1.50
** receptor	=B2168+1 (sensitive receptor: C2127)				
** receptor	DISCCART	406912.498825054	3758587.50038585	378.20	1.50
** receptor	=B2169+1 (sensitive receptor: C2128)				
** receptor	DISCCART	406962.501624865	3758737.49985389	403.40	1.50
** receptor	=B2170+1 (sensitive receptor: C2129)				
** receptor	DISCCART	406962.501624865	3758687.50003121	393.50	1.50
** receptor	=B2171+1 (sensitive receptor: C2130)				
** receptor	DISCCART	406962.501624865	3758637.50020853	377.20	1.50
** receptor	=B2172+1 (sensitive receptor: C2131)				
** receptor	DISCCART	406962.501624865	3758587.50038585	383.80	1.50
** receptor	=B2173+1 (sensitive receptor: C2132)				
** receptor	DISCCART	407012.504424677	3758687.50003121	390.20	1.50
** receptor	=B2174+1 (sensitive receptor: C2133)				
** receptor	DISCCART	407012.504424677	3758637.50020853	378.20	1.50
** receptor	=B2175+1 (sensitive receptor: C2134)				
** receptor	DISCCART	407012.504424677	3758587.50038585	391.30	1.50
** receptor	=B2176+1 (sensitive receptor: C2135)				
** receptor	DISCCART	407062.498978644	3758687.50003121	383.70	1.50
** receptor	=B2177+1 (sensitive receptor: C2136)				
** receptor	DISCCART	407062.498978644	3758637.50020853	389.00	1.50
** receptor	=B2178+1 (sensitive receptor: C2137)				
** receptor	DISCCART	407062.498978644	3758587.50038585	400.20	1.50
** receptor	=B2179+1 (sensitive receptor: C2138)				
** receptor	DISCCART	407112.501778455	3758637.50020853	404.40	1.50
** receptor	=B2180+1 (sensitive receptor: C2139)				
** receptor	DISCCART	407112.501778455	3758587.50038585	410.00	1.50
** receptor	=B2181+1 (sensitive receptor: C2140)				
** receptor	DISCCART	407162.496332422	3758637.50020853	416.60	1.50
** receptor	=B2182+1 (sensitive receptor: C2141)				
** receptor	DISCCART	407162.496332422	3758587.50038585	416.60	1.50
** receptor	=B2183+1 (sensitive receptor: C2142)				
** receptor	DISCCART	407212.499132233	3758637.50020853	433.00	1.50
** receptor	=B2184+1 (sensitive receptor: C2143)				
** receptor	DISCCART	407212.499132233	3758587.50038585	447.10	1.50
** receptor	=B2185+1 (sensitive receptor: C2144)				
** receptor	DISCCART	407262.501932044	3758637.50020853	450.30	1.50
** receptor	=B2186+1 (sensitive receptor: C2145)				
** receptor	DISCCART	407262.501932044	3758587.50038585	453.60	1.50
** receptor	=B2187+1 (sensitive receptor: C2146)				
** receptor	DISCCART	407312.496486011	3758637.50020853	466.70	1.50
** receptor	=B2188+1 (sensitive receptor: C2147)				
** receptor	DISCCART	407312.496486011	3758587.50038585	463.40	1.50
** receptor	=B2189+1 (sensitive receptor: C2148)				

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DISCCART 407362.499285822 3758637.50020853 479.80 1.50
 ** receptor =B2190+1 (sensitive receptor: C2149)
 DISCCART 407362.499285822 3758587.50038585 479.80 1.50
 ** receptor =B2191+1 (sensitive receptor: C2150)
 DISCCART 407412.502085634 3758637.50020853 499.50 1.50
 ** receptor =B2192+1 (sensitive receptor: C2151)
 DISCCART 407412.502085634 3758587.50038585 502.80 1.50
 ** receptor =B2193+1 (sensitive receptor: C2152)
 DISCCART 407462.4966396 3758637.50020853 500.90 1.50
 ** receptor =B2194+1 (sensitive receptor: C2153)
 DISCCART 407462.4966396 3758587.50038585 508.50 1.50
 ** receptor =B2195+1 (sensitive receptor: C2154)
 DISCCART 407512.499439412 3758637.50020853 481.20 1.50
 ** receptor =B2196+1 (sensitive receptor: C2155)
 DISCCART 407512.499439412 3758587.50038585 479.40 1.50
 ** receptor =B2197+1 (sensitive receptor: C2156)
 DISCCART 407562.502239223 3758637.50020853 0.00 1.50
 ** receptor =B2198+1 (sensitive receptor: C2157)
 DISCCART 407562.502239223 3758587.50038585 0.00 1.50
 ** receptor =B2199+1 (sensitive receptor: C2158)
 DISCCART 407612.49679319 3758637.50020853 0.00 1.50
 ** receptor =B2200+1 (sensitive receptor: C2159)
 DISCCART 407612.49679319 3758587.50038585 0.00 1.50
 ** receptor =B2201+1 (sensitive receptor: C2160)
 DISCCART 407662.499593001 3758637.50020853 0.00 1.50
 ** receptor =B2202+1 (sensitive receptor: C2161)
 DISCCART 407662.499593001 3758587.50038585 0.00 1.50
 ** receptor =B2203+1 (sensitive receptor: C2162)
 DISCCART 407712.502392812 3758637.50020853 0.00 1.50
 ** receptor =B2204+1 (sensitive receptor: C2163)
 DISCCART 407712.502392812 3758587.50038585 0.00 1.50
 ** receptor =B2205+1 (sensitive receptor: C2164)
 DISCCART 407762.496946779 3758637.50020853 0.00 1.50
 ** receptor =B2206+1 (sensitive receptor: C2165)
 DISCCART 407762.496946779 3758587.50038585 0.00 1.50
 ** receptor =B2207+1 (sensitive receptor: C2166)
 DISCCART 407812.49974659 3758637.50020853 0.00 1.50
 ** receptor =B2208+1 (sensitive receptor: C2167)
 DISCCART 407812.49974659 3758587.50038585 0.00 1.50
 ** receptor =B2209+1 (sensitive receptor: C2168)
 DISCCART 407862.502546402 3758637.50020853 0.00 1.50
 ** receptor =B2210+1 (sensitive receptor: C2169)
 DISCCART 407862.502546402 3758587.50038585 0.00 1.50
 ** receptor =B2211+1 (sensitive receptor: C2170)
 DISCCART 407912.497100369 3758637.50020853 0.00 1.50
 ** receptor =B2212+1 (sensitive receptor: C2171)
 DISCCART 407912.497100369 3758587.50038585 0.00 1.50
 ** receptor =B2213+1 (sensitive receptor: C2172)
 DISCCART 407962.49990018 3758637.50020853 0.00 1.50
 ** receptor =B2214+1 (sensitive receptor: C2173)
 DISCCART 407962.49990018 3758587.50038585 0.00 1.50
 ** receptor =B2215+1 (sensitive receptor: C2174)
 DISCCART 408012.502699991 3758637.50020853 0.00 1.50
 ** receptor =B2216+1 (sensitive receptor: C2175)
 DISCCART 408012.502699991 3758587.50038585 0.00 1.50
 ** receptor =B2217+1 (sensitive receptor: C2176)
 DISCCART 408062.497253958 3758637.50020853 0.00 1.50
 ** receptor =B2218+1 (sensitive receptor: C2177)
 DISCCART 408062.497253958 3758587.50038585 0.00 1.50
 ** receptor =B2219+1 (sensitive receptor: C2178)
 DISCCART 408112.500053769 3758637.50020853 0.00 1.50
 ** receptor =B2220+1 (sensitive receptor: C2179)
 DISCCART 408112.500053769 3758587.50038585 0.00 1.50
 ** receptor =B2221+1 (sensitive receptor: C2180)
 DISCCART 405987.496503612 3758537.50056317 305.00 1.50
 ** receptor =B2222+1 (sensitive receptor: C2181)
 DISCCART 406012.497903518 3758537.50056317 308.30 1.50
 ** receptor =B2223+1 (sensitive receptor: C2182)
 DISCCART 406037.499303424 3758537.50056317 310.80 1.50
 ** receptor =B2224+1 (sensitive receptor: C2183)
 DISCCART 406062.500703329 3758537.50056317 311.60 1.50
 ** receptor =B2225+1 (sensitive receptor: C2184)
 DISCCART 406087.502103235 3758537.50056317 314.90 1.50
 ** receptor =B2226+1 (sensitive receptor: C2185)
 DISCCART 406112.495257296 3758537.50056317 315.80 1.50
 ** receptor =B2227+1 (sensitive receptor: C2186)

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** receptor	DISCCART	406137.496657202	3758537.50056317	318.20	1.50
	=B2228+1 (sensitive receptor: C2187)				
** receptor	DISCCART	406162.498057107	3758537.50056317	321.40	1.50
	=B2229+1 (sensitive receptor: C2188)				
** receptor	DISCCART	406187.499457013	3758537.50056317	324.00	1.50
	=B2230+1 (sensitive receptor: C2189)				
** receptor	DISCCART	406212.500856919	3758537.50056317	327.90	1.50
	=B2231+1 (sensitive receptor: C2190)				
** receptor	DISCCART	406237.502256824	3758537.50056317	330.60	1.50
	=B2232+1 (sensitive receptor: C2191)				
** receptor	DISCCART	406262.495410886	3758537.50056317	334.60	1.50
	=B2233+1 (sensitive receptor: C2192)				
** receptor	DISCCART	406287.496810791	3758537.50056317	337.80	1.50
	=B2234+1 (sensitive receptor: C2193)				
** receptor	DISCCART	406312.498210697	3758537.50056317	341.10	1.50
	=B2235+1 (sensitive receptor: C2194)				
** receptor	DISCCART	406337.499610602	3758537.50056317	343.60	1.50
	=B2236+1 (sensitive receptor: C2195)				
** receptor	DISCCART	406362.501010508	3758537.50056317	344.40	1.50
	=B2237+1 (sensitive receptor: C2196)				
** receptor	DISCCART	406387.502410414	3758537.50056317	346.90	1.50
	=B2238+1 (sensitive receptor: C2197)				
** receptor	DISCCART	406412.503810319	3758537.50056317	347.70	1.50
	=B2239+1 (sensitive receptor: C2198)				
** receptor	DISCCART	406437.496964381	3758537.50056317	351.00	1.50
	=B2240+1 (sensitive receptor: C2199)				
** receptor	DISCCART	406462.498364286	3758537.50056317	354.20	1.50
	=B2241+1 (sensitive receptor: C2200)				
** receptor	DISCCART	406487.499764192	3758537.50056317	354.20	1.50
	=B2242+1 (sensitive receptor: C2201)				
** receptor	DISCCART	406512.501164097	3758537.50056317	357.50	1.50
	=B2243+1 (sensitive receptor: C2202)				
** receptor	DISCCART	406562.495718064	3758537.50056317	357.50	1.50
	=B2244+1 (sensitive receptor: C2203)				
** receptor	DISCCART	406612.498517875	3758537.50056317	360.70	1.50
	=B2245+1 (sensitive receptor: C2204)				
** receptor	DISCCART	406662.501317687	3758537.50056317	357.50	1.50
	=B2246+1 (sensitive receptor: C2205)				
** receptor	DISCCART	406712.495871654	3758537.50056317	360.70	1.50
	=B2247+1 (sensitive receptor: C2206)				
** receptor	DISCCART	406762.498671465	3758537.50056317	357.50	1.50
	=B2248+1 (sensitive receptor: C2207)				
** receptor	DISCCART	406812.501471276	3758537.50056317	360.80	1.50
	=B2249+1 (sensitive receptor: C2208)				
** receptor	DISCCART	406862.496025243	3758537.50056317	365.10	1.50
	=B2250+1 (sensitive receptor: C2209)				
** receptor	DISCCART	406912.498825054	3758537.50056317	377.10	1.50
	=B2251+1 (sensitive receptor: C2210)				
** receptor	DISCCART	406962.501624865	3758537.50056317	388.90	1.50
	=B2252+1 (sensitive receptor: C2211)				
** receptor	DISCCART	407012.504424677	3758537.50056317	400.20	1.50
	=B2253+1 (sensitive receptor: C2212)				
** receptor	DISCCART	407062.498978644	3758537.50056317	403.50	1.50
	=B2254+1 (sensitive receptor: C2213)				
** receptor	DISCCART	407112.501778455	3758537.50056317	416.60	1.50
	=B2255+1 (sensitive receptor: C2214)				
** receptor	DISCCART	407162.496332422	3758537.50056317	426.50	1.50
	=B2256+1 (sensitive receptor: C2215)				
** receptor	DISCCART	407212.499132233	3758537.50056317	462.60	1.50
	=B2257+1 (sensitive receptor: C2216)				
** receptor	DISCCART	407262.501932044	3758537.50056317	465.90	1.50
	=B2258+1 (sensitive receptor: C2217)				
** receptor	DISCCART	407312.496486011	3758537.50056317	482.30	1.50
	=B2259+1 (sensitive receptor: C2218)				
** receptor	DISCCART	407362.499285822	3758537.50056317	483.30	1.50
	=B2260+1 (sensitive receptor: C2219)				
** receptor	DISCCART	407412.502085634	3758537.50056317	496.20	1.50
	=B2261+1 (sensitive receptor: C2220)				
** receptor	DISCCART	407462.4966396	3758537.50056317	519.20	1.50
	=B2262+1 (sensitive receptor: C2221)				
** receptor	DISCCART	407512.499439412	3758537.50056317	486.90	1.50
	=B2263+1 (sensitive receptor: C2222)				
** receptor	DISCCART	407562.502239223	3758537.50056317	0.00	1.50
	=B2264+1 (sensitive receptor: C2223)				
** receptor	DISCCART	407612.49679319	3758537.50056317	0.00	1.50
	=B2265+1 (sensitive receptor: C2224)				

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DISCCART 407662.499593001 3758537.50056317 0.00 1.50
 ** receptor =B2266+1 (sensitive receptor: C2225)
 DISCCART 407712.502392812 3758537.50056317 0.00 1.50
 ** receptor =B2267+1 (sensitive receptor: C2226)
 DISCCART 407762.496946779 3758537.50056317 0.00 1.50
 ** receptor =B2268+1 (sensitive receptor: C2227)
 DISCCART 407812.49974659 3758537.50056317 0.00 1.50
 ** receptor =B2269+1 (sensitive receptor: C2228)
 DISCCART 407862.502546402 3758537.50056317 0.00 1.50
 ** receptor =B2270+1 (sensitive receptor: C2229)
 DISCCART 407912.497100369 3758537.50056317 0.00 1.50
 ** receptor =B2271+1 (sensitive receptor: C2230)
 DISCCART 407962.49990018 3758537.50056317 0.00 1.50
 ** receptor =B2272+1 (sensitive receptor: C2231)
 DISCCART 408012.502699991 3758537.50056317 0.00 1.50
 ** receptor =B2273+1 (sensitive receptor: C2232)
 DISCCART 408062.497253958 3758537.50056317 0.00 1.50
 ** receptor =B2274+1 (sensitive receptor: C2233)
 DISCCART 408112.500053769 3758537.50056317 0.00 1.50
 ** receptor =B2275+1 (sensitive receptor: C2234)
 DISCCART 405962.503349551 3758587.50038585 308.30 1.50
 ** receptor =B2276+1 (sensitive receptor: C2235)
 DISCCART 406012.497903518 3758587.50038585 311.60 1.50
 ** receptor =B2277+1 (sensitive receptor: C2236)
 DISCCART 406062.500703329 3758587.50038585 314.90 1.50
 ** receptor =B2278+1 (sensitive receptor: C2237)
 DISCCART 406112.495257296 3758587.50038585 318.20 1.50
 ** receptor =B2279+1 (sensitive receptor: C2238)
 DISCCART 406162.498057107 3758587.50038585 324.70 1.50
 ** receptor =B2280+1 (sensitive receptor: C2239)
 DISCCART 406212.500856919 3758587.50038585 331.20 1.50
 ** receptor =B2281+1 (sensitive receptor: C2240)
 DISCCART 406262.495410886 3758587.50038585 335.50 1.50
 ** receptor =B2282+1 (sensitive receptor: C2241)
 DISCCART 406312.498210697 3758587.50038585 342.00 1.50
 ** receptor =B2283+1 (sensitive receptor: C2242)
 DISCCART 406362.501010508 3758587.50038585 345.30 1.50
 ** receptor =B2284+1 (sensitive receptor: C2243)
 DISCCART 406412.503810319 3758587.50038585 351.00 1.50
 ** receptor =B2285+1 (sensitive receptor: C2244)
 DISCCART 406462.498364286 3758587.50038585 357.50 1.50
 ** receptor =B2286+1 (sensitive receptor: C2245)
 DISCCART 406512.501164097 3758587.50038585 360.80 1.50
 ** receptor =B2287+1 (sensitive receptor: C2246)
 DISCCART 405987.496503612 3760012.50033123 754.40 1.50
 ** receptor =B2288+1 (sensitive receptor: C2247)
 DISCCART 405987.496503612 3759962.50050855 734.70 1.50
 ** receptor =B2289+1 (sensitive receptor: C2248)
 DISCCART 405987.496503612 3759912.50068587 712.60 1.50
 ** receptor =B2290+1 (sensitive receptor: C2249)
 DISCCART 405987.496503612 3759862.50086319 672.50 1.50
 ** receptor =B2291+1 (sensitive receptor: C2250)
 DISCCART 405987.496503612 3759812.50104051 637.20 1.50
 ** receptor =B2292+1 (sensitive receptor: C2251)
 DISCCART 405987.496503612 3759762.50121783 623.20 1.50
 ** receptor =B2293+1 (sensitive receptor: C2252)
 DISCCART 405987.496503612 3759712.50139515 590.00 1.50
 ** receptor =B2294+1 (sensitive receptor: C2253)
 DISCCART 405987.496503612 3759662.50157247 544.10 1.50
 ** receptor =B2295+1 (sensitive receptor: C2254)
 DISCCART 405987.496503612 3759612.50174979 531.00 1.50
 ** receptor =B2296+1 (sensitive receptor: C2255)
 DISCCART 405987.496503612 3759562.5019271 525.80 1.50
 ** receptor =B2297+1 (sensitive receptor: C2256)
 DISCCART 405987.496503612 3759512.50210442 531.40 1.50
 ** receptor =B2298+1 (sensitive receptor: C2257)
 DISCCART 405987.496503612 3759462.50228174 529.30 1.50
 ** receptor =B2299+1 (sensitive receptor: C2258)
 DISCCART 405987.496503612 3759412.50245906 502.40 1.50
 ** receptor =B2300+1 (sensitive receptor: C2259)
 DISCCART 405987.496503612 3759362.50263638 470.80 1.50
 ** receptor =B2301+1 (sensitive receptor: C2260)
 DISCCART 405987.496503612 3759312.5028137 442.60 1.50
 ** receptor =B2302+1 (sensitive receptor: C2261)
 DISCCART 405987.496503612 3759262.50299102 415.70 1.50
 ** receptor =B2303+1 (sensitive receptor: C2262)

Appendix B

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DISCCART 405987.496503612 3759212.50316834 380.80 1.50
 ** receptor =B2304+1 (sensitive receptor: C2263)
 DISCCART 405987.496503612 3759162.50334566 377.20 1.50
 ** receptor =B2305+1 (sensitive receptor: C2264)
 DISCCART 405987.496503612 3759112.50352298 371.90 1.50
 ** receptor =B2306+1 (sensitive receptor: C2265)
 DISCCART 405987.496503612 3759062.5037003 363.70 1.50
 ** receptor =B2307+1 (sensitive receptor: C2266)
 DISCCART 405987.496503612 3759012.50387762 357.50 1.50
 ** receptor =B2308+1 (sensitive receptor: C2267)
 DISCCART 405987.496503612 3758962.50405494 355.50 1.50
 ** receptor =B2309+1 (sensitive receptor: C2268)
 DISCCART 405987.496503612 3758912.50423226 348.90 1.50
 ** receptor =B2310+1 (sensitive receptor: C2269)
 DISCCART 405987.496503612 3758862.50440957 342.30 1.50
 ** receptor =B2311+1 (sensitive receptor: C2270)
 DISCCART 405987.496503612 3758812.50458689 334.60 1.50
 ** receptor =B2312+1 (sensitive receptor: C2271)
 DISCCART 405987.496503612 3758762.50476421 329.20 1.50
 ** receptor =B2313+1 (sensitive receptor: C2272)
 DISCCART 405987.496503612 3758712.50494153 322.70 1.50
 ** receptor =B2314+1 (sensitive receptor: C2273)
 DISCCART 405987.496503612 3758662.50511885 316.40 1.50
 ** receptor =B2315+1 (sensitive receptor: C2274)
 DISCCART 406037.499303424 3760012.50033123 724.10 1.50
 ** receptor =B2316+1 (sensitive receptor: C2275)
 DISCCART 406037.499303424 3759812.50104051 595.50 1.50
 ** receptor =B2317+1 (sensitive receptor: C2276)
 DISCCART 406037.499303424 3759762.50121783 588.60 1.50
 ** receptor =B2318+1 (sensitive receptor: C2277)
 DISCCART 406037.499303424 3759712.50139515 585.00 1.50
 ** receptor =B2319+1 (sensitive receptor: C2278)
 DISCCART 406037.499303424 3759662.50157247 546.00 1.50
 ** receptor =B2320+1 (sensitive receptor: C2279)
 DISCCART 406037.499303424 3759612.50174979 532.90 1.50
 ** receptor =B2321+1 (sensitive receptor: C2280)
 DISCCART 406037.499303424 3759562.5019271 523.50 1.50
 ** receptor =B2322+1 (sensitive receptor: C2281)
 DISCCART 406037.499303424 3759512.50210442 501.60 1.50
 ** receptor =B2323+1 (sensitive receptor: C2282)
 DISCCART 406037.499303424 3759462.50228174 468.20 1.50
 ** receptor =B2324+1 (sensitive receptor: C2283)
 DISCCART 406037.499303424 3759412.50245906 463.60 1.50
 ** receptor =B2325+1 (sensitive receptor: C2284)
 DISCCART 406037.499303424 3759362.50263638 444.10 1.50
 ** receptor =B2326+1 (sensitive receptor: C2285)
 DISCCART 406037.499303424 3759312.5028137 436.80 1.50
 ** receptor =B2327+1 (sensitive receptor: C2286)
 DISCCART 406037.499303424 3759262.50299102 402.80 1.50
 ** receptor =B2328+1 (sensitive receptor: C2287)
 DISCCART 406037.499303424 3759212.50316834 391.20 1.50
 ** receptor =B2329+1 (sensitive receptor: C2288)
 DISCCART 406037.499303424 3759162.50334566 383.40 1.50
 ** receptor =B2330+1 (sensitive receptor: C2289)
 DISCCART 406037.499303424 3759112.50352298 377.20 1.50
 ** receptor =B2331+1 (sensitive receptor: C2290)
 DISCCART 406037.499303424 3759062.5037003 370.30 1.50
 ** receptor =B2332+1 (sensitive receptor: C2291)
 DISCCART 406037.499303424 3759012.50387762 366.60 1.50
 ** receptor =B2333+1 (sensitive receptor: C2292)
 DISCCART 406037.499303424 3758962.50405494 362.00 1.50
 ** receptor =B2334+1 (sensitive receptor: C2293)
 DISCCART 406037.499303424 3758912.50423226 354.20 1.50
 ** receptor =B2335+1 (sensitive receptor: C2294)
 DISCCART 406037.499303424 3758862.50440957 344.40 1.50
 ** receptor =B2336+1 (sensitive receptor: C2295)
 DISCCART 406037.499303424 3758812.50458689 340.70 1.50
 ** receptor =B2337+1 (sensitive receptor: C2296)
 DISCCART 406037.499303424 3758762.50476421 334.20 1.50
 ** receptor =B2338+1 (sensitive receptor: C2297)
 DISCCART 406037.499303424 3758712.50494153 326.30 1.50
 ** receptor =B2339+1 (sensitive receptor: C2298)
 DISCCART 406037.499303424 3758662.50511885 321.10 1.50
 ** receptor =B2340+1 (sensitive receptor: C2299)
 DISCCART 406087.502103235 3760012.50033123 658.00 1.50
 ** receptor =B2341+1 (sensitive receptor: C2300)

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DISCCART 406087.502103235 3759812.50104051 501.10 1.50
 ** receptor =B2342+1 (sensitive receptor: C2301)
 DISCCART 406087.502103235 3759762.50121783 493.10 1.50
 ** receptor =B2343+1 (sensitive receptor: C2302)
 DISCCART 406087.502103235 3759712.50139515 497.00 1.50
 ** receptor =B2344+1 (sensitive receptor: C2303)
 DISCCART 406087.502103235 3759662.50157247 483.50 1.50
 ** receptor =B2345+1 (sensitive receptor: C2304)
 DISCCART 406087.502103235 3759612.50174979 489.70 1.50
 ** receptor =B2346+1 (sensitive receptor: C2305)
 DISCCART 406087.502103235 3759562.5019271 472.00 1.50
 ** receptor =B2347+1 (sensitive receptor: C2306)
 DISCCART 406087.502103235 3759512.50210442 465.80 1.50
 ** receptor =B2348+1 (sensitive receptor: C2307)
 DISCCART 406087.502103235 3759462.50228174 455.90 1.50
 ** receptor =B2349+1 (sensitive receptor: C2308)
 DISCCART 406087.502103235 3759412.50245906 426.80 1.50
 ** receptor =B2350+1 (sensitive receptor: C2309)
 DISCCART 406087.502103235 3759362.50263638 420.90 1.50
 ** receptor =B2351+1 (sensitive receptor: C2310)
 DISCCART 406087.502103235 3759312.5028137 418.30 1.50
 ** receptor =B2352+1 (sensitive receptor: C2311)
 DISCCART 406087.502103235 3759262.50299102 401.00 1.50
 ** receptor =B2353+1 (sensitive receptor: C2312)
 DISCCART 406087.502103235 3759212.50316834 394.80 1.50
 ** receptor =B2354+1 (sensitive receptor: C2313)
 DISCCART 406087.502103235 3759162.50334566 390.30 1.50
 ** receptor =B2355+1 (sensitive receptor: C2314)
 DISCCART 406087.502103235 3759112.50352298 383.40 1.50
 ** receptor =B2356+1 (sensitive receptor: C2315)
 DISCCART 406087.502103235 3759062.5037003 377.20 1.50
 ** receptor =B2357+1 (sensitive receptor: C2316)
 DISCCART 406087.502103235 3759012.50387762 373.20 1.50
 ** receptor =B2358+1 (sensitive receptor: C2317)
 DISCCART 406087.502103235 3758962.50405494 365.60 1.50
 ** receptor =B2359+1 (sensitive receptor: C2318)
 DISCCART 406087.502103235 3758912.50423226 358.70 1.50
 ** receptor =B2360+1 (sensitive receptor: C2319)
 DISCCART 406087.502103235 3758862.50440957 352.20 1.50
 ** receptor =B2361+1 (sensitive receptor: C2320)
 DISCCART 406087.502103235 3758812.50458689 344.40 1.50
 ** receptor =B2362+1 (sensitive receptor: C2321)
 DISCCART 406087.502103235 3758762.50476421 337.80 1.50
 ** receptor =B2363+1 (sensitive receptor: C2322)
 DISCCART 406087.502103235 3758712.50494153 331.30 1.50
 ** receptor =B2364+1 (sensitive receptor: C2323)
 DISCCART 406087.502103235 3758662.50511885 324.70 1.50
 ** receptor =B2365+1 (sensitive receptor: C2324)
 DISCCART 406137.496657202 3760012.50033123 577.10 1.50
 ** receptor =B2366+1 (sensitive receptor: C2325)
 DISCCART 406137.496657202 3759812.50104051 485.40 1.50
 ** receptor =B2367+1 (sensitive receptor: C2326)
 DISCCART 406137.496657202 3759762.50121783 485.10 1.50
 ** receptor =B2368+1 (sensitive receptor: C2327)
 DISCCART 406137.496657202 3759712.50139515 484.00 1.50
 ** receptor =B2369+1 (sensitive receptor: C2328)
 DISCCART 406137.496657202 3759662.50157247 477.70 1.50
 ** receptor =B2370+1 (sensitive receptor: C2329)
 DISCCART 406137.496657202 3759612.50174979 469.00 1.50
 ** receptor =B2371+1 (sensitive receptor: C2330)
 DISCCART 406137.496657202 3759562.5019271 461.10 1.50
 ** receptor =B2372+1 (sensitive receptor: C2331)
 DISCCART 406137.496657202 3759512.50210442 436.60 1.50
 ** receptor =B2373+1 (sensitive receptor: C2332)
 DISCCART 406137.496657202 3759462.50228174 426.40 1.50
 ** receptor =B2374+1 (sensitive receptor: C2333)
 DISCCART 406137.496657202 3759412.50245906 433.20 1.50
 ** receptor =B2375+1 (sensitive receptor: C2334)
 DISCCART 406137.496657202 3759362.50263638 436.40 1.50
 ** receptor =B2376+1 (sensitive receptor: C2335)
 DISCCART 406137.496657202 3759312.5028137 436.40 1.50
 ** receptor =B2377+1 (sensitive receptor: C2336)
 DISCCART 406137.496657202 3759262.50299102 417.40 1.50
 ** receptor =B2378+1 (sensitive receptor: C2337)
 DISCCART 406137.496657202 3759212.50316834 404.70 1.50
 ** receptor =B2379+1 (sensitive receptor: C2338)

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DISCCART 406137.496657202 3759162.50334566 398.10 1.50
 ** receptor =B2380+1 (sensitive receptor: C2339)
 DISCCART 406137.496657202 3759112.50352298 390.30 1.50
 ** receptor =B2381+1 (sensitive receptor: C2340)
 DISCCART 406137.496657202 3759062.5037003 383.40 1.50
 ** receptor =B2382+1 (sensitive receptor: C2341)
 DISCCART 406137.496657202 3759012.50387762 380.50 1.50
 ** receptor =B2383+1 (sensitive receptor: C2342)
 DISCCART 406137.496657202 3758962.50405494 373.50 1.50
 ** receptor =B2384+1 (sensitive receptor: C2343)
 DISCCART 406137.496657202 3758912.50423226 365.30 1.50
 ** receptor =B2385+1 (sensitive receptor: C2344)
 DISCCART 406137.496657202 3758862.50440957 357.50 1.50
 ** receptor =B2386+1 (sensitive receptor: C2345)
 DISCCART 406137.496657202 3758812.50458689 349.20 1.50
 ** receptor =B2387+1 (sensitive receptor: C2346)
 DISCCART 406137.496657202 3758762.50476421 342.30 1.50
 ** receptor =B2388+1 (sensitive receptor: C2347)
 DISCCART 406137.496657202 3758712.50494153 334.60 1.50
 ** receptor =B2389+1 (sensitive receptor: C2348)
 DISCCART 406137.496657202 3758662.50511885 329.20 1.50
 ** receptor =B2390+1 (sensitive receptor: C2349)
 DISCCART 406187.499457013 3759412.50245906 481.00 1.50
 ** receptor =B2391+1 (sensitive receptor: C2350)
 DISCCART 406187.499457013 3759362.50263638 463.30 1.50
 ** receptor =B2392+1 (sensitive receptor: C2351)
 DISCCART 406187.499457013 3759312.5028137 455.10 1.50
 ** receptor =B2393+1 (sensitive receptor: C2352)
 DISCCART 406187.499457013 3759262.50299102 427.60 1.50
 ** receptor =B2394+1 (sensitive receptor: C2353)
 DISCCART 406187.499457013 3759212.50316834 412.90 1.50
 ** receptor =B2395+1 (sensitive receptor: C2354)
 DISCCART 406187.499457013 3759162.50334566 403.40 1.50
 ** receptor =B2396+1 (sensitive receptor: C2355)
 DISCCART 406187.499457013 3759112.50352298 396.50 1.50
 ** receptor =B2397+1 (sensitive receptor: C2356)
 DISCCART 406187.499457013 3759062.5037003 389.90 1.50
 ** receptor =B2398+1 (sensitive receptor: C2357)
 DISCCART 406187.499457013 3759012.50387762 385.00 1.50
 ** receptor =B2399+1 (sensitive receptor: C2358)
 DISCCART 406187.499457013 3758962.50405494 380.10 1.50
 ** receptor =B2400+1 (sensitive receptor: C2359)
 DISCCART 406187.499457013 3758912.50423226 368.90 1.50
 ** receptor =B2401+1 (sensitive receptor: C2360)
 DISCCART 406187.499457013 3758862.50440957 362.40 1.50
 ** receptor =B2402+1 (sensitive receptor: C2361)
 DISCCART 406187.499457013 3758812.50458689 354.20 1.50
 ** receptor =B2403+1 (sensitive receptor: C2362)
 DISCCART 406187.499457013 3758762.50476421 344.40 1.50
 ** receptor =B2404+1 (sensitive receptor: C2363)
 DISCCART 406187.499457013 3758712.50494153 337.50 1.50
 ** receptor =B2405+1 (sensitive receptor: C2364)
 DISCCART 406187.499457013 3758662.50511885 334.20 1.50
 ** receptor =B2406+1 (sensitive receptor: C2365)
 DISCCART 406237.502256824 3759412.50245906 492.80 1.50
 ** receptor =B2407+1 (sensitive receptor: C2366)
 DISCCART 406237.502256824 3759362.50263638 472.90 1.50
 ** receptor =B2408+1 (sensitive receptor: C2367)
 DISCCART 406237.502256824 3759312.5028137 453.00 1.50
 ** receptor =B2409+1 (sensitive receptor: C2368)
 DISCCART 406237.502256824 3759262.50299102 437.40 1.50
 ** receptor =B2410+1 (sensitive receptor: C2369)
 DISCCART 406237.502256824 3759212.50316834 417.80 1.50
 ** receptor =B2411+1 (sensitive receptor: C2370)
 DISCCART 406237.502256824 3759162.50334566 408.30 1.50
 ** receptor =B2412+1 (sensitive receptor: C2371)
 DISCCART 406237.502256824 3759112.50352298 403.10 1.50
 ** receptor =B2413+1 (sensitive receptor: C2372)
 DISCCART 406237.502256824 3759062.5037003 394.80 1.50
 ** receptor =B2414+1 (sensitive receptor: C2373)
 DISCCART 406237.502256824 3759012.50387762 387.00 1.50
 ** receptor =B2415+1 (sensitive receptor: C2374)
 DISCCART 406237.502256824 3758962.50405494 380.50 1.50
 ** receptor =B2416+1 (sensitive receptor: C2375)
 DISCCART 406237.502256824 3758912.50423226 372.20 1.50
 ** receptor =B2417+1 (sensitive receptor: C2376)

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DISCCART 406237.502256824 3758862.50440957 364.10 1.50
 ** receptor =B2418+1 (sensitive receptor: C2377)
 DISCCART 406237.502256824 3758812.50458689 355.80 1.50
 ** receptor =B2419+1 (sensitive receptor: C2378)
 DISCCART 406237.502256824 3758762.50476421 346.00 1.50
 ** receptor =B2420+1 (sensitive receptor: C2379)
 DISCCART 406237.502256824 3758712.50494153 341.10 1.50
 ** receptor =B2421+1 (sensitive receptor: C2380)
 DISCCART 406237.502256824 3758662.50511885 337.50 1.50
 ** receptor =B2422+1 (sensitive receptor: C2381)
 DISCCART 406287.496810791 3759412.50245906 504.70 1.50
 ** receptor =B2423+1 (sensitive receptor: C2382)
 DISCCART 406287.496810791 3759362.50263638 481.30 1.50
 ** receptor =B2424+1 (sensitive receptor: C2383)
 DISCCART 406287.496810791 3759312.5028137 455.50 1.50
 ** receptor =B2425+1 (sensitive receptor: C2384)
 DISCCART 406287.496810791 3759262.50299102 441.10 1.50
 ** receptor =B2426+1 (sensitive receptor: C2385)
 DISCCART 406287.496810791 3759212.50316834 424.70 1.50
 ** receptor =B2427+1 (sensitive receptor: C2386)
 DISCCART 406287.496810791 3759162.50334566 413.30 1.50
 ** receptor =B2428+1 (sensitive receptor: C2387)
 DISCCART 406287.496810791 3759112.50352298 403.40 1.50
 ** receptor =B2429+1 (sensitive receptor: C2388)
 DISCCART 406287.496810791 3759062.5037003 396.90 1.50
 ** receptor =B2430+1 (sensitive receptor: C2389)
 DISCCART 406287.496810791 3759012.50387762 388.30 1.50
 ** receptor =B2431+1 (sensitive receptor: C2390)
 DISCCART 406287.496810791 3758962.50405494 380.50 1.50
 ** receptor =B2432+1 (sensitive receptor: C2391)
 DISCCART 406287.496810791 3758912.50423226 372.20 1.50
 ** receptor =B2433+1 (sensitive receptor: C2392)
 DISCCART 406287.496810791 3758862.50440957 363.70 1.50
 ** receptor =B2434+1 (sensitive receptor: C2393)
 DISCCART 406287.496810791 3758812.50458689 355.80 1.50
 ** receptor =B2435+1 (sensitive receptor: C2394)
 DISCCART 406287.496810791 3758762.50476421 349.20 1.50
 ** receptor =B2436+1 (sensitive receptor: C2395)
 DISCCART 406287.496810791 3758712.50494153 344.40 1.50
 ** receptor =B2437+1 (sensitive receptor: C2396)
 DISCCART 406287.496810791 3758662.50511885 341.10 1.50
 ** receptor =B2438+1 (sensitive receptor: C2397)
 DISCCART 406337.499610602 3759412.50245906 504.10 1.50
 ** receptor =B2439+1 (sensitive receptor: C2398)
 DISCCART 406337.499610602 3759362.50263638 490.60 1.50
 ** receptor =B2440+1 (sensitive receptor: C2399)
 DISCCART 406337.499610602 3759312.5028137 462.40 1.50
 ** receptor =B2441+1 (sensitive receptor: C2400)
 DISCCART 406337.499610602 3759262.50299102 444.40 1.50
 ** receptor =B2442+1 (sensitive receptor: C2401)
 DISCCART 406337.499610602 3759212.50316834 428.00 1.50
 ** receptor =B2443+1 (sensitive receptor: C2402)
 DISCCART 406337.499610602 3759162.50334566 417.80 1.50
 ** receptor =B2444+1 (sensitive receptor: C2403)
 DISCCART 406337.499610602 3759112.50352298 405.00 1.50
 ** receptor =B2445+1 (sensitive receptor: C2404)
 DISCCART 406337.499610602 3759062.5037003 396.90 1.50
 ** receptor =B2446+1 (sensitive receptor: C2405)
 DISCCART 406337.499610602 3759012.50387762 388.60 1.50
 ** receptor =B2447+1 (sensitive receptor: C2406)
 DISCCART 406337.499610602 3758962.50405494 378.80 1.50
 ** receptor =B2448+1 (sensitive receptor: C2407)
 DISCCART 406337.499610602 3758912.50423226 370.60 1.50
 ** receptor =B2449+1 (sensitive receptor: C2408)
 DISCCART 406337.499610602 3758862.50440957 362.70 1.50
 ** receptor =B2450+1 (sensitive receptor: C2409)
 DISCCART 406337.499610602 3758812.50458689 357.50 1.50
 ** receptor =B2451+1 (sensitive receptor: C2410)
 DISCCART 406337.499610602 3758762.50476421 351.00 1.50
 ** receptor =B2452+1 (sensitive receptor: C2411)
 DISCCART 406337.499610602 3758712.50494153 347.70 1.50
 ** receptor =B2453+1 (sensitive receptor: C2412)
 DISCCART 406337.499610602 3758662.50511885 347.00 1.50
 ** receptor =B2454+1 (sensitive receptor: C2413)
 DISCCART 406387.502410414 3759362.50263638 465.50 1.50
 ** receptor =B2455+1 (sensitive receptor: C2414)

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DISCCART 406387.502410414 3759312.5028137 454.90 1.50
 ** receptor =B2456+1 (sensitive receptor: C2415)
 DISCCART 406387.502410414 3759262.50299102 440.70 1.50
 ** receptor =B2457+1 (sensitive receptor: C2416)
 DISCCART 406387.502410414 3759212.50316834 431.20 1.50
 ** receptor =B2458+1 (sensitive receptor: C2417)
 DISCCART 406387.502410414 3759162.50334566 418.10 1.50
 ** receptor =B2459+1 (sensitive receptor: C2418)
 DISCCART 406387.502410414 3759112.50352298 408.30 1.50
 ** receptor =B2460+1 (sensitive receptor: C2419)
 DISCCART 406387.502410414 3759062.5037003 400.20 1.50
 ** receptor =B2461+1 (sensitive receptor: C2420)
 DISCCART 406387.502410414 3759012.50387762 390.30 1.50
 ** receptor =B2462+1 (sensitive receptor: C2421)
 DISCCART 406387.502410414 3758962.50405494 381.70 1.50
 ** receptor =B2463+1 (sensitive receptor: C2422)
 DISCCART 406387.502410414 3758912.50423226 372.20 1.50
 ** receptor =B2464+1 (sensitive receptor: C2423)
 DISCCART 406387.502410414 3758862.50440957 359.10 1.50
 ** receptor =B2465+1 (sensitive receptor: C2424)
 DISCCART 406387.502410414 3758812.50458689 354.20 1.50
 ** receptor =B2466+1 (sensitive receptor: C2425)
 DISCCART 406387.502410414 3758762.50476421 354.20 1.50
 ** receptor =B2467+1 (sensitive receptor: C2426)
 DISCCART 406387.502410414 3758712.50494153 354.20 1.50
 ** receptor =B2468+1 (sensitive receptor: C2427)
 DISCCART 406387.502410414 3758662.50511885 353.50 1.50
 ** receptor =B2469+1 (sensitive receptor: C2428)
 DISCCART 406437.496964381 3759312.5028137 450.90 1.50
 ** receptor =B2470+1 (sensitive receptor: C2429)
 DISCCART 406437.496964381 3759262.50299102 443.10 1.50
 ** receptor =B2471+1 (sensitive receptor: C2430)
 DISCCART 406437.496964381 3759212.50316834 432.80 1.50
 ** receptor =B2472+1 (sensitive receptor: C2431)
 DISCCART 406437.496964381 3759162.50334566 418.10 1.50
 ** receptor =B2473+1 (sensitive receptor: C2432)
 DISCCART 406437.496964381 3759112.50352298 408.30 1.50
 ** receptor =B2474+1 (sensitive receptor: C2433)
 DISCCART 406437.496964381 3759062.5037003 398.40 1.50
 ** receptor =B2475+1 (sensitive receptor: C2434)
 DISCCART 406437.496964381 3759012.50387762 391.90 1.50
 ** receptor =B2476+1 (sensitive receptor: C2435)
 DISCCART 406437.496964381 3758962.50405494 383.80 1.50
 ** receptor =B2477+1 (sensitive receptor: C2436)
 DISCCART 406437.496964381 3758912.50423226 374.80 1.50
 ** receptor =B2478+1 (sensitive receptor: C2437)
 DISCCART 406437.496964381 3758862.50440957 358.70 1.50
 ** receptor =B2479+1 (sensitive receptor: C2438)
 DISCCART 406437.496964381 3758812.50458689 357.50 1.50
 ** receptor =B2480+1 (sensitive receptor: C2439)
 DISCCART 406437.496964381 3758762.50476421 357.50 1.50
 ** receptor =B2481+1 (sensitive receptor: C2440)
 DISCCART 406437.496964381 3758712.50494153 358.90 1.50
 ** receptor =B2482+1 (sensitive receptor: C2441)
 DISCCART 406437.496964381 3758662.50511885 357.50 1.50
 ** receptor =B2483+1 (sensitive receptor: C2442)
 DISCCART 406487.499764192 3759312.5028137 453.90 1.50
 ** receptor =B2484+1 (sensitive receptor: C2443)
 DISCCART 406487.499764192 3759262.50299102 444.40 1.50
 ** receptor =B2485+1 (sensitive receptor: C2444)
 DISCCART 406487.499764192 3759212.50316834 431.20 1.50
 ** receptor =B2486+1 (sensitive receptor: C2445)
 DISCCART 406487.499764192 3759162.50334566 416.90 1.50
 ** receptor =B2487+1 (sensitive receptor: C2446)
 DISCCART 406487.499764192 3759112.50352298 408.30 1.50
 ** receptor =B2488+1 (sensitive receptor: C2447)
 DISCCART 406487.499764192 3759062.5037003 399.80 1.50
 ** receptor =B2489+1 (sensitive receptor: C2448)
 DISCCART 406487.499764192 3759012.50387762 393.20 1.50
 ** receptor =B2490+1 (sensitive receptor: C2449)
 DISCCART 406487.499764192 3758962.50405494 385.30 1.50
 ** receptor =B2491+1 (sensitive receptor: C2450)
 DISCCART 406487.499764192 3758912.50423226 378.80 1.50
 ** receptor =B2492+1 (sensitive receptor: C2451)
 DISCCART 406487.499764192 3758862.50440957 367.00 1.50
 ** receptor =B2493+1 (sensitive receptor: C2452)

Appendix B

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DISCCART 406487.499764192 3758812.50458689 365.00 1.50
 ** receptor =B2494+1 (sensitive receptor: C2453)
 DISCCART 406487.499764192 3758762.50476421 367.40 1.50
 ** receptor =B2495+1 (sensitive receptor: C2454)
 DISCCART 406487.499764192 3758712.50494153 367.40 1.50
 ** receptor =B2496+1 (sensitive receptor: C2455)
 DISCCART 406487.499764192 3758662.50511885 364.10 1.50
 ** receptor =B2497+1 (sensitive receptor: C2456)
 DISCCART 406537.502564003 3759262.50299102 447.60 1.50
 ** receptor =B2498+1 (sensitive receptor: C2457)
 DISCCART 406537.502564003 3759212.50316834 434.50 1.50
 ** receptor =B2499+1 (sensitive receptor: C2458)
 DISCCART 406537.502564003 3759162.50334566 421.40 1.50
 ** receptor =B2500+1 (sensitive receptor: C2459)
 DISCCART 406537.502564003 3759112.50352298 412.90 1.50
 ** receptor =B2501+1 (sensitive receptor: C2460)
 DISCCART 406537.502564003 3759062.5037003 403.40 1.50
 ** receptor =B2502+1 (sensitive receptor: C2461)
 DISCCART 406537.502564003 3759012.50387762 396.50 1.50
 ** receptor =B2503+1 (sensitive receptor: C2462)
 DISCCART 406537.502564003 3758962.50405494 383.80 1.50
 ** receptor =B2504+1 (sensitive receptor: C2463)
 DISCCART 406537.502564003 3758912.50423226 377.20 1.50
 ** receptor =B2505+1 (sensitive receptor: C2464)
 DISCCART 406537.502564003 3758862.50440957 378.50 1.50
 ** receptor =B2506+1 (sensitive receptor: C2465)
 DISCCART 406537.502564003 3758812.50458689 380.10 1.50
 ** receptor =B2507+1 (sensitive receptor: C2466)
 DISCCART 406537.502564003 3758762.50476421 377.20 1.50
 ** receptor =B2508+1 (sensitive receptor: C2467)
 DISCCART 406537.502564003 3758712.50494153 373.90 1.50
 ** receptor =B2509+1 (sensitive receptor: C2468)
 DISCCART 406537.502564003 3758662.50511885 370.30 1.50
 ** receptor =B2510+1 (sensitive receptor: C2469)
 DISCCART 406587.49711797 3759212.50316834 442.40 1.50
 ** receptor =B2511+1 (sensitive receptor: C2470)
 DISCCART 406587.49711797 3759162.50334566 430.50 1.50
 ** receptor =B2512+1 (sensitive receptor: C2471)
 DISCCART 406587.49711797 3759112.50352298 417.80 1.50
 ** receptor =B2513+1 (sensitive receptor: C2472)
 DISCCART 406587.49711797 3759062.5037003 408.30 1.50
 ** receptor =B2514+1 (sensitive receptor: C2473)
 DISCCART 406587.49711797 3759012.50387762 398.40 1.50
 ** receptor =B2515+1 (sensitive receptor: C2474)
 DISCCART 406587.49711797 3758962.50405494 389.90 1.50
 ** receptor =B2516+1 (sensitive receptor: C2475)
 DISCCART 406587.49711797 3758912.50423226 389.60 1.50
 ** receptor =B2517+1 (sensitive receptor: C2476)
 DISCCART 406587.49711797 3758862.50440957 391.50 1.50
 ** receptor =B2518+1 (sensitive receptor: C2477)
 DISCCART 406587.49711797 3758812.50458689 387.00 1.50
 ** receptor =B2519+1 (sensitive receptor: C2478)
 DISCCART 406587.49711797 3758762.50476421 383.40 1.50
 ** receptor =B2520+1 (sensitive receptor: C2479)
 DISCCART 406587.49711797 3758712.50494153 380.10 1.50
 ** receptor =B2521+1 (sensitive receptor: C2480)
 DISCCART 406587.49711797 3758662.50511885 375.10 1.50
 ** receptor =B2522+1 (sensitive receptor: C2481)
 DISCCART 406587.49711797 3758612.50529617 367.40 1.50
 ** receptor =B2523+1 (sensitive receptor: C2482)
 DISCCART 406637.499917781 3759212.50316834 450.60 1.50
 ** receptor =B2524+1 (sensitive receptor: C2483)
 DISCCART 406637.499917781 3759162.50334566 437.80 1.50
 ** receptor =B2525+1 (sensitive receptor: C2484)
 DISCCART 406637.499917781 3759112.50352298 424.70 1.50
 ** receptor =B2526+1 (sensitive receptor: C2485)
 DISCCART 406637.499917781 3759062.5037003 414.80 1.50
 ** receptor =B2527+1 (sensitive receptor: C2486)
 DISCCART 406637.499917781 3759012.50387762 399.80 1.50
 ** receptor =B2528+1 (sensitive receptor: C2487)
 DISCCART 406637.499917781 3758962.50405494 403.10 1.50
 ** receptor =B2529+1 (sensitive receptor: C2488)
 DISCCART 406637.499917781 3758912.50423226 402.70 1.50
 ** receptor =B2530+1 (sensitive receptor: C2489)
 DISCCART 406637.499917781 3758862.50440957 399.80 1.50
 ** receptor =B2531+1 (sensitive receptor: C2490)

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DISCCART 406637.499917781 3758812.50458689 393.60 1.50
 ** receptor =B2532+1 (sensitive receptor: C2491)
 DISCCART 406637.499917781 3758762.50476421 387.00 1.50
 ** receptor =B2533+1 (sensitive receptor: C2492)
 DISCCART 406637.499917781 3758712.50494153 383.40 1.50
 ** receptor =B2534+1 (sensitive receptor: C2493)
 DISCCART 406637.499917781 3758662.50511885 372.60 1.50
 ** receptor =B2535+1 (sensitive receptor: C2494)
 DISCCART 406687.502717592 3759162.50334566 438.20 1.50
 ** receptor =B2536+1 (sensitive receptor: C2495)
 DISCCART 406687.502717592 3759112.50352298 419.80 1.50
 ** receptor =B2537+1 (sensitive receptor: C2496)
 DISCCART 406687.502717592 3759062.5037003 422.40 1.50
 ** receptor =B2538+1 (sensitive receptor: C2497)
 DISCCART 406687.502717592 3759012.50387762 417.60 1.50
 ** receptor =B2539+1 (sensitive receptor: C2498)
 DISCCART 406687.502717592 3758962.50405494 415.80 1.50
 ** receptor =B2540+1 (sensitive receptor: C2499)
 DISCCART 406687.502717592 3758912.50423226 411.60 1.50
 ** receptor =B2541+1 (sensitive receptor: C2500)
 DISCCART 406687.502717592 3758862.50440957 403.40 1.50
 ** receptor =B2542+1 (sensitive receptor: C2501)
 DISCCART 406687.502717592 3758762.50476421 387.00 1.50
 ** receptor =B2543+1 (sensitive receptor: C2502)
 DISCCART 406737.497271559 3759112.50352298 438.80 1.50
 ** receptor =B2544+1 (sensitive receptor: C2503)
 DISCCART 406737.497271559 3759062.5037003 447.90 1.50
 ** receptor =B2545+1 (sensitive receptor: C2504)
 DISCCART 406737.497271559 3759012.50387762 433.80 1.50
 ** receptor =B2546+1 (sensitive receptor: C2505)
 DISCCART 406737.497271559 3758962.50405494 424.70 1.50
 ** receptor =B2547+1 (sensitive receptor: C2506)
 DISCCART 406737.497271559 3758912.50423226 411.60 1.50
 ** receptor =B2548+1 (sensitive receptor: C2507)
 DISCCART 406737.497271559 3758662.50511885 386.30 1.50
 ** receptor =B2549+1 (sensitive receptor: C2508)
 DISCCART 406737.497271559 3758612.50529617 380.50 1.50
 ** receptor =B2550+1 (sensitive receptor: C2509)
 DISCCART 406787.50007137 3759012.50387762 442.30 1.50
 ** receptor =B2551+1 (sensitive receptor: C2510)
 DISCCART 406787.50007137 3758962.50405494 424.70 1.50
 ** receptor =B2552+1 (sensitive receptor: C2511)
 DISCCART 406787.50007137 3758712.50494153 395.80 1.50
 ** receptor =B2553+1 (sensitive receptor: C2512)
 DISCCART 406787.50007137 3758662.50511885 391.50 1.50
 ** receptor =B2554+1 (sensitive receptor: C2513)
 DISCCART 406787.50007137 3758612.50529617 379.80 1.50
 ** receptor =B2555+1 (sensitive receptor: C2514)
 DISCCART 406837.502871182 3758712.50494153 403.40 1.50
 ** receptor =B2556+1 (sensitive receptor: C2515)
 DISCCART 406837.502871182 3758662.50511885 395.20 1.50
 ** receptor =B2557+1 (sensitive receptor: C2516)
 DISCCART 406837.502871182 3758612.50529617 382.40 1.50
 ** receptor =B2558+1 (sensitive receptor: C2517)
 DISCCART 406887.497425149 3758762.50476421 411.20 1.50
 ** receptor =B2559+1 (sensitive receptor: C2518)
 DISCCART 406887.497425149 3758712.50494153 401.70 1.50
 ** receptor =B2560+1 (sensitive receptor: C2519)
 DISCCART 406887.497425149 3758662.50511885 391.90 1.50
 ** receptor =B2561+1 (sensitive receptor: C2520)
 DISCCART 406887.497425149 3758612.50529617 369.50 1.50
 ** receptor =B2562+1 (sensitive receptor: C2521)
 DISCCART 406937.50022496 3758762.50476421 411.60 1.50
 ** receptor =B2563+1 (sensitive receptor: C2522)
 DISCCART 406937.50022496 3758712.50494153 398.40 1.50
 ** receptor =B2564+1 (sensitive receptor: C2523)
 DISCCART 406937.50022496 3758662.50511885 385.70 1.50
 ** receptor =B2565+1 (sensitive receptor: C2524)
 DISCCART 406937.50022496 3758612.50529617 378.50 1.50
 ** receptor =B2566+1 (sensitive receptor: C2525)
 DISCCART 406987.503024771 3758712.50494153 399.80 1.50
 ** receptor =B2567+1 (sensitive receptor: C2526)
 DISCCART 406987.503024771 3758662.50511885 382.00 1.50
 ** receptor =B2568+1 (sensitive receptor: C2527)
 DISCCART 406987.503024771 3758612.50529617 381.80 1.50
 ** receptor =B2569+1 (sensitive receptor: C2528)

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DISCCART 407037.497578738 3758712.50494153 398.40 1.50
 ** receptor =B2570+1 (sensitive receptor: C2529)
 DISCCART 407037.497578738 3758662.50511885 377.50 1.50
 ** receptor =B2571+1 (sensitive receptor: C2530)
 DISCCART 407037.497578738 3758612.50529617 391.30 1.50
 ** receptor =B2572+1 (sensitive receptor: C2531)
 DISCCART 407087.500378549 3758662.50511885 382.80 1.50
 ** receptor =B2573+1 (sensitive receptor: C2532)
 DISCCART 407087.500378549 3758612.50529617 403.10 1.50
 ** receptor =B2574+1 (sensitive receptor: C2533)
 DISCCART 407137.50317836 3758662.50511885 404.40 1.50
 ** receptor =B2575+1 (sensitive receptor: C2534)
 DISCCART 407137.50317836 3758612.50529617 412.60 1.50
 ** receptor =B2576+1 (sensitive receptor: C2535)
 DISCCART 407187.497732327 3758662.50511885 426.00 1.50
 ** receptor =B2577+1 (sensitive receptor: C2536)
 DISCCART 407187.497732327 3758612.50529617 427.60 1.50
 ** receptor =B2578+1 (sensitive receptor: C2537)
 DISCCART 407237.500532139 3758662.50511885 442.10 1.50
 ** receptor =B2579+1 (sensitive receptor: C2538)
 DISCCART 407237.500532139 3758612.50529617 441.20 1.50
 ** receptor =B2580+1 (sensitive receptor: C2539)
 DISCCART 407287.50333195 3758662.50511885 458.50 1.50
 ** receptor =B2581+1 (sensitive receptor: C2540)
 DISCCART 407287.50333195 3758612.50529617 458.50 1.50
 ** receptor =B2582+1 (sensitive receptor: C2541)
 DISCCART 407337.497885917 3758662.50511885 474.90 1.50
 ** receptor =B2583+1 (sensitive receptor: C2542)
 DISCCART 407337.497885917 3758612.50529617 471.60 1.50
 ** receptor =B2584+1 (sensitive receptor: C2543)
 DISCCART 407387.500685728 3758662.50511885 491.30 1.50
 ** receptor =B2585+1 (sensitive receptor: C2544)
 DISCCART 407387.500685728 3758612.50529617 490.60 1.50
 ** receptor =B2586+1 (sensitive receptor: C2545)
 DISCCART 407437.495239695 3758662.50511885 504.40 1.50
 ** receptor =B2587+1 (sensitive receptor: C2546)
 DISCCART 407437.495239695 3758612.50529617 506.50 1.50
 ** receptor =B2588+1 (sensitive receptor: C2547)
 DISCCART 407487.498039506 3758662.50511885 500.10 1.50
 ** receptor =B2589+1 (sensitive receptor: C2548)
 DISCCART 407487.498039506 3758612.50529617 490.50 1.50
 ** receptor =B2590+1 (sensitive receptor: C2549)
 DISCCART 407537.500839317 3758662.50511885 0.00 1.50
 ** receptor =B2591+1 (sensitive receptor: C2550)
 DISCCART 407537.500839317 3758612.50529617 0.00 1.50
 ** receptor =B2592+1 (sensitive receptor: C2551)
 DISCCART 407587.495393284 3758662.50511885 0.00 1.50
 ** receptor =B2593+1 (sensitive receptor: C2552)
 DISCCART 407587.495393284 3758612.50529617 0.00 1.50
 ** receptor =B2594+1 (sensitive receptor: C2553)
 DISCCART 407637.498193095 3758612.50529617 0.00 1.50
 ** receptor =B2595+1 (sensitive receptor: C2554)
 DISCCART 407687.500992907 3758612.50529617 0.00 1.50
 ** receptor =B2596+1 (sensitive receptor: C2555)
 DISCCART 407737.495546874 3758612.50529617 0.00 1.50
 ** receptor =B2597+1 (sensitive receptor: C2556)
 DISCCART 407787.498346685 3758612.50529617 0.00 1.50
 ** receptor =B2598+1 (sensitive receptor: C2557)
 DISCCART 407837.501146496 3758612.50529617 0.00 1.50
 ** receptor =B2599+1 (sensitive receptor: C2558)
 DISCCART 407887.503946307 3758612.50529617 0.00 1.50
 ** receptor =B2600+1 (sensitive receptor: C2559)
 DISCCART 407937.498500274 3758612.50529617 0.00 1.50
 ** receptor =B2601+1 (sensitive receptor: C2560)
 DISCCART 407987.501300085 3758612.50529617 0.00 1.50
 ** receptor =B2602+1 (sensitive receptor: C2561)
 DISCCART 408037.495854052 3758612.50529617 0.00 1.50
 ** receptor =B2603+1 (sensitive receptor: C2562)
 DISCCART 408087.498653864 3758612.50529617 0.00 1.50
 ** receptor =B2604+1 (sensitive receptor: C2563)
 DISCCART 405987.496503612 3758612.50529617 311.60 1.50
 ** receptor =B2605+1 (sensitive receptor: C2564)
 DISCCART 406037.499303424 3758612.50529617 316.10 1.50
 ** receptor =B2606+1 (sensitive receptor: C2565)
 DISCCART 406087.502103235 3758612.50529617 319.70 1.50
 ** receptor =B2607+1 (sensitive receptor: C2566)

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DISCCART 406137.496657202 3758612.50529617 322.70 1.50
 ** receptor =B2608+1 (sensitive receptor: C2567)
 DISCCART 406187.499457013 3758612.50529617 329.20 1.50
 ** receptor =B2609+1 (sensitive receptor: C2568)
 DISCCART 406237.502256824 3758612.50529617 334.60 1.50
 ** receptor =B2610+1 (sensitive receptor: C2569)
 DISCCART 406287.496810791 3758612.50529617 340.40 1.50
 ** receptor =B2611+1 (sensitive receptor: C2570)
 DISCCART 406337.499610602 3758612.50529617 344.40 1.50
 ** receptor =B2612+1 (sensitive receptor: C2571)
 DISCCART 406387.502410414 3758612.50529617 350.60 1.50
 ** receptor =B2613+1 (sensitive receptor: C2572)
 DISCCART 406437.496964381 3758612.50529617 356.80 1.50
 ** receptor =B2614+1 (sensitive receptor: C2573)
 DISCCART 406487.499764192 3758612.50529617 360.80 1.50
 ** receptor =B2615+1 (sensitive receptor: C2574)
 DISCCART 406512.501164097 3758562.50547349 358.00 1.50
 ** receptor =B2616+1 (sensitive receptor: C2575)
 DISCCART 406537.502564003 3758612.50529617 365.30 1.50
 ** receptor =B2617+1 (sensitive receptor: C2576)
 DISCCART 406562.495718064 3758562.50547349 360.80 1.50
 ** receptor =B2618+1 (sensitive receptor: C2577)
 DISCCART 406612.498517875 3758562.50547349 363.60 1.50
 ** receptor =B2619+1 (sensitive receptor: C2578)
 DISCCART 406662.501317687 3758562.50547349 360.80 1.50
 ** receptor =B2620+1 (sensitive receptor: C2579)
 DISCCART 406712.495871654 3758562.50547349 367.40 1.50
 ** receptor =B2621+1 (sensitive receptor: C2580)
 DISCCART 406762.498671465 3758562.50547349 367.30 1.50
 ** receptor =B2622+1 (sensitive receptor: C2581)
 DISCCART 406812.501471276 3758562.50547349 363.10 1.50
 ** receptor =B2623+1 (sensitive receptor: C2582)
 DISCCART 406862.496025243 3758562.50547349 360.20 1.50
 ** receptor =B2624+1 (sensitive receptor: C2583)
 DISCCART 406912.498825054 3758562.50547349 380.90 1.50
 ** receptor =B2625+1 (sensitive receptor: C2584)
 DISCCART 406962.501624865 3758562.50547349 387.50 1.50
 ** receptor =B2626+1 (sensitive receptor: C2585)
 DISCCART 407012.504424677 3758562.50547349 395.80 1.50
 ** receptor =B2627+1 (sensitive receptor: C2586)
 DISCCART 407062.498978644 3758562.50547349 402.20 1.50
 ** receptor =B2628+1 (sensitive receptor: C2587)
 DISCCART 407112.501778455 3758562.50547349 413.80 1.50
 ** receptor =B2629+1 (sensitive receptor: C2588)
 DISCCART 407162.496332422 3758562.50547349 417.00 1.50
 ** receptor =B2630+1 (sensitive receptor: C2589)
 DISCCART 407212.499132233 3758562.50547349 456.10 1.50
 ** receptor =B2631+1 (sensitive receptor: C2590)
 DISCCART 407262.501932044 3758562.50547349 458.60 1.50
 ** receptor =B2632+1 (sensitive receptor: C2591)
 DISCCART 407312.496486011 3758562.50547349 466.00 1.50
 ** receptor =B2633+1 (sensitive receptor: C2592)
 DISCCART 407362.499285822 3758562.50547349 479.80 1.50
 ** receptor =B2634+1 (sensitive receptor: C2593)
 DISCCART 407412.502085634 3758562.50547349 499.00 1.50
 ** receptor =B2635+1 (sensitive receptor: C2594)
 DISCCART 407462.4966396 3758562.50547349 515.80 1.50
 ** receptor =B2636+1 (sensitive receptor: C2595)
 DISCCART 407512.499439412 3758562.50547349 483.20 1.50
 ** receptor =B2637+1 (sensitive receptor: C2596)
 DISCCART 407562.502239223 3758562.50547349 0.00 1.50
 ** receptor =B2638+1 (sensitive receptor: C2597)
 DISCCART 407612.49679319 3758562.50547349 0.00 1.50
 ** receptor =B2639+1 (sensitive receptor: C2598)
 DISCCART 407662.499593001 3758562.50547349 0.00 1.50
 ** receptor =B2640+1 (sensitive receptor: C2599)
 DISCCART 407712.502392812 3758562.50547349 0.00 1.50
 ** receptor =B2641+1 (sensitive receptor: C2600)
 DISCCART 407762.496946779 3758562.50547349 0.00 1.50
 ** receptor =B2642+1 (sensitive receptor: C2601)
 DISCCART 407812.49974659 3758562.50547349 0.00 1.50
 ** receptor =B2643+1 (sensitive receptor: C2602)
 DISCCART 407862.502546402 3758562.50547349 0.00 1.50
 ** receptor =B2644+1 (sensitive receptor: C2603)
 DISCCART 407912.497100369 3758562.50547349 0.00 1.50
 ** receptor =B2645+1 (sensitive receptor: C2604)

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DISCCART 407962.49990018 3758562.50547349 0.00 1.50
 ** receptor =B2646+1 (sensitive receptor: C2605)
 DISCCART 408012.502699991 3758562.50547349 0.00 1.50
 ** receptor =B2647+1 (sensitive receptor: C2606)
 DISCCART 408062.497253958 3758562.50547349 0.00 1.50
 ** receptor =B2648+1 (sensitive receptor: C2607)
 DISCCART 408112.500053769 3758562.50547349 0.00 1.50
 ** receptor =B2649+1 (sensitive receptor: C2608)
 DISCCART 405987.496503612 3759987.50541887 748.50 1.50
 ** receptor =B2650+1 (sensitive receptor: C2609)
 DISCCART 405987.496503612 3759937.50559619 717.10 1.50
 ** receptor =B2651+1 (sensitive receptor: C2610)
 DISCCART 405987.496503612 3759887.50577351 696.60 1.50
 ** receptor =B2652+1 (sensitive receptor: C2611)
 DISCCART 405987.496503612 3759837.50595083 649.30 1.50
 ** receptor =B2653+1 (sensitive receptor: C2612)
 DISCCART 405987.496503612 3759787.50612815 627.20 1.50
 ** receptor =B2654+1 (sensitive receptor: C2613)
 DISCCART 405987.496503612 3759737.50630547 624.90 1.50
 ** receptor =B2655+1 (sensitive receptor: C2614)
 DISCCART 405987.496503612 3759687.50648279 554.20 1.50
 ** receptor =B2656+1 (sensitive receptor: C2615)
 DISCCART 405987.496503612 3759637.50666011 537.10 1.50
 ** receptor =B2657+1 (sensitive receptor: C2616)
 DISCCART 405987.496503612 3759587.50683743 524.10 1.50
 ** receptor =B2658+1 (sensitive receptor: C2617)
 DISCCART 405987.496503612 3759537.50701475 530.70 1.50
 ** receptor =B2659+1 (sensitive receptor: C2618)
 DISCCART 405987.496503612 3759487.50719207 531.40 1.50
 ** receptor =B2660+1 (sensitive receptor: C2619)
 DISCCART 405987.496503612 3759437.50736939 520.60 1.50
 ** receptor =B2661+1 (sensitive receptor: C2620)
 DISCCART 405987.496503612 3759387.49754874 488.50 1.50
 ** receptor =B2662+1 (sensitive receptor: C2621)
 DISCCART 405987.496503612 3759337.49772606 458.30 1.50
 ** receptor =B2663+1 (sensitive receptor: C2622)
 DISCCART 405987.496503612 3759287.49790338 426.30 1.50
 ** receptor =B2664+1 (sensitive receptor: C2623)
 DISCCART 405987.496503612 3759237.4980807 402.50 1.50
 ** receptor =B2665+1 (sensitive receptor: C2624)
 DISCCART 405987.496503612 3759187.49825802 377.30 1.50
 ** receptor =B2666+1 (sensitive receptor: C2625)
 DISCCART 405987.496503612 3759137.49843534 376.40 1.50
 ** receptor =B2667+1 (sensitive receptor: C2626)
 DISCCART 405987.496503612 3759087.49861266 367.30 1.50
 ** receptor =B2668+1 (sensitive receptor: C2627)
 DISCCART 405987.496503612 3759037.49878997 357.50 1.50
 ** receptor =B2669+1 (sensitive receptor: C2628)
 DISCCART 405987.496503612 3758987.49896729 357.50 1.50
 ** receptor =B2670+1 (sensitive receptor: C2629)
 DISCCART 405987.496503612 3758937.49914461 353.50 1.50
 ** receptor =B2671+1 (sensitive receptor: C2630)
 DISCCART 405987.496503612 3758887.49932193 344.40 1.50
 ** receptor =B2672+1 (sensitive receptor: C2631)
 DISCCART 405987.496503612 3758837.49949925 337.80 1.50
 ** receptor =B2673+1 (sensitive receptor: C2632)
 DISCCART 405987.496503612 3758787.49967657 331.30 1.50
 ** receptor =B2674+1 (sensitive receptor: C2633)
 DISCCART 405987.496503612 3758737.49985389 324.70 1.50
 ** receptor =B2675+1 (sensitive receptor: C2634)
 DISCCART 405987.496503612 3758687.50003121 320.70 1.50
 ** receptor =B2676+1 (sensitive receptor: C2635)
 DISCCART 406037.499303424 3759987.50541887 707.80 1.50
 ** receptor =B2677+1 (sensitive receptor: C2636)
 DISCCART 406037.499303424 3759837.50595083 631.60 1.50
 ** receptor =B2678+1 (sensitive receptor: C2637)
 DISCCART 406037.499303424 3759787.50612815 603.60 1.50
 ** receptor =B2679+1 (sensitive receptor: C2638)
 DISCCART 406037.499303424 3759737.50630547 590.00 1.50
 ** receptor =B2680+1 (sensitive receptor: C2639)
 DISCCART 406037.499303424 3759687.50648279 560.00 1.50
 ** receptor =B2681+1 (sensitive receptor: C2640)
 DISCCART 406037.499303424 3759637.50666011 538.60 1.50
 ** receptor =B2682+1 (sensitive receptor: C2641)
 DISCCART 406037.499303424 3759587.50683743 525.50 1.50
 ** receptor =B2683+1 (sensitive receptor: C2642)

Appendix B

PM 24 hour Emissions Mitigated

** receptor	DISCCART	406037.499303424	3759537.50701475	517.00	1.50
	=B2684+1 (sensitive receptor: C2643)				
** receptor	DISCCART	406037.499303424	3759487.50719207	480.40	1.50
	=B2685+1 (sensitive receptor: C2644)				
** receptor	DISCCART	406037.499303424	3759437.50736939	463.20	1.50
	=B2686+1 (sensitive receptor: C2645)				
** receptor	DISCCART	406037.499303424	3759387.49754874	457.20	1.50
	=B2687+1 (sensitive receptor: C2646)				
** receptor	DISCCART	406037.499303424	3759337.49772606	437.00	1.50
	=B2688+1 (sensitive receptor: C2647)				
** receptor	DISCCART	406037.499303424	3759287.49790338	417.80	1.50
	=B2689+1 (sensitive receptor: C2648)				
** receptor	DISCCART	406037.499303424	3759237.4980807	396.80	1.50
	=B2690+1 (sensitive receptor: C2649)				
** receptor	DISCCART	406037.499303424	3759187.49825802	387.00	1.50
	=B2691+1 (sensitive receptor: C2650)				
** receptor	DISCCART	406037.499303424	3759137.49843534	380.50	1.50
	=B2692+1 (sensitive receptor: C2651)				
** receptor	DISCCART	406037.499303424	3759087.49861266	373.90	1.50
	=B2693+1 (sensitive receptor: C2652)				
** receptor	DISCCART	406037.499303424	3759037.49878997	366.60	1.50
	=B2694+1 (sensitive receptor: C2653)				
** receptor	DISCCART	406037.499303424	3758987.49896729	364.10	1.50
	=B2695+1 (sensitive receptor: C2654)				
** receptor	DISCCART	406037.499303424	3758937.49914461	357.50	1.50
	=B2696+1 (sensitive receptor: C2655)				
** receptor	DISCCART	406037.499303424	3758887.49932193	350.20	1.50
	=B2697+1 (sensitive receptor: C2656)				
** receptor	DISCCART	406037.499303424	3758837.49949925	341.10	1.50
	=B2698+1 (sensitive receptor: C2657)				
** receptor	DISCCART	406037.499303424	3758787.49967657	337.10	1.50
	=B2699+1 (sensitive receptor: C2658)				
** receptor	DISCCART	406037.499303424	3758737.49985389	330.50	1.50
	=B2700+1 (sensitive receptor: C2659)				
** receptor	DISCCART	406037.499303424	3758687.50003121	321.40	1.50
	=B2701+1 (sensitive receptor: C2660)				
** receptor	DISCCART	406087.502103235	3759987.50541887	645.50	1.50
	=B2702+1 (sensitive receptor: C2661)				
** receptor	DISCCART	406087.502103235	3759837.50595083	514.80	1.50
	=B2703+1 (sensitive receptor: C2662)				
** receptor	DISCCART	406087.502103235	3759787.50612815	500.20	1.50
	=B2704+1 (sensitive receptor: C2663)				
** receptor	DISCCART	406087.502103235	3759737.50630547	496.30	1.50
	=B2705+1 (sensitive receptor: C2664)				
** receptor	DISCCART	406087.502103235	3759687.50648279	490.40	1.50
	=B2706+1 (sensitive receptor: C2665)				
** receptor	DISCCART	406087.502103235	3759637.50666011	490.40	1.50
	=B2707+1 (sensitive receptor: C2666)				
** receptor	DISCCART	406087.502103235	3759587.50683743	480.90	1.50
	=B2708+1 (sensitive receptor: C2667)				
** receptor	DISCCART	406087.502103235	3759537.50701475	465.80	1.50
	=B2709+1 (sensitive receptor: C2668)				
** receptor	DISCCART	406087.502103235	3759487.50719207	463.20	1.50
	=B2710+1 (sensitive receptor: C2669)				
** receptor	DISCCART	406087.502103235	3759437.50736939	435.10	1.50
	=B2711+1 (sensitive receptor: C2670)				
** receptor	DISCCART	406087.502103235	3759387.49754874	421.30	1.50
	=B2712+1 (sensitive receptor: C2671)				
** receptor	DISCCART	406087.502103235	3759337.49772606	416.60	1.50
	=B2713+1 (sensitive receptor: C2672)				
** receptor	DISCCART	406087.502103235	3759287.49790338	420.50	1.50
	=B2714+1 (sensitive receptor: C2673)				
** receptor	DISCCART	406087.502103235	3759237.4980807	396.90	1.50
	=B2715+1 (sensitive receptor: C2674)				
** receptor	DISCCART	406087.502103235	3759187.49825802	393.60	1.50
	=B2716+1 (sensitive receptor: C2675)				
** receptor	DISCCART	406087.502103235	3759137.49843534	387.00	1.50
	=B2717+1 (sensitive receptor: C2676)				
** receptor	DISCCART	406087.502103235	3759087.49861266	380.50	1.50
	=B2718+1 (sensitive receptor: C2677)				
** receptor	DISCCART	406087.502103235	3759037.49878997	373.90	1.50
	=B2719+1 (sensitive receptor: C2678)				
** receptor	DISCCART	406087.502103235	3758987.49896729	369.90	1.50
	=B2720+1 (sensitive receptor: C2679)				
** receptor	DISCCART	406087.502103235	3758937.49914461	360.80	1.50
	=B2721+1 (sensitive receptor: C2680)				

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PM 24 hour Emissions Mitigated

** DISCCART	406087.502103235	3758887.49932193	356.70	1.50
** receptor	=B2722+1 (sensitive receptor: C2681)			
** DISCCART	406087.502103235	3758837.49949925	347.70	1.50
** receptor	=B2723+1 (sensitive receptor: C2682)			
** DISCCART	406087.502103235	3758787.49967657	341.10	1.50
** receptor	=B2724+1 (sensitive receptor: C2683)			
** DISCCART	406087.502103235	3758737.49985389	334.60	1.50
** receptor	=B2725+1 (sensitive receptor: C2684)			
** DISCCART	406087.502103235	3758687.50003121	328.00	1.50
** receptor	=B2726+1 (sensitive receptor: C2685)			
** DISCCART	406137.496657202	3759987.50541887	550.90	1.50
** receptor	=B2727+1 (sensitive receptor: C2686)			
** DISCCART	406137.496657202	3759837.50595083	488.60	1.50
** receptor	=B2728+1 (sensitive receptor: C2687)			
** DISCCART	406137.496657202	3759787.50612815	485.40	1.50
** receptor	=B2729+1 (sensitive receptor: C2688)			
** DISCCART	406137.496657202	3759737.50630547	484.00	1.50
** receptor	=B2730+1 (sensitive receptor: C2689)			
** DISCCART	406137.496657202	3759687.50648279	484.00	1.50
** receptor	=B2731+1 (sensitive receptor: C2690)			
** DISCCART	406137.496657202	3759637.50666011	471.50	1.50
** receptor	=B2732+1 (sensitive receptor: C2691)			
** DISCCART	406137.496657202	3759587.50683743	465.70	1.50
** receptor	=B2733+1 (sensitive receptor: C2692)			
** DISCCART	406137.496657202	3759537.50701475	457.10	1.50
** receptor	=B2734+1 (sensitive receptor: C2693)			
** DISCCART	406137.496657202	3759487.50719207	427.80	1.50
** receptor	=B2735+1 (sensitive receptor: C2694)			
** DISCCART	406137.496657202	3759437.50736939	429.00	1.50
** receptor	=B2736+1 (sensitive receptor: C2695)			
** DISCCART	406137.496657202	3759387.49754874	438.10	1.50
** receptor	=B2737+1 (sensitive receptor: C2696)			
** DISCCART	406137.496657202	3759337.49772606	434.90	1.50
** receptor	=B2738+1 (sensitive receptor: C2697)			
** DISCCART	406137.496657202	3759287.49790338	428.80	1.50
** receptor	=B2739+1 (sensitive receptor: C2698)			
** DISCCART	406137.496657202	3759237.4980807	409.90	1.50
** receptor	=B2740+1 (sensitive receptor: C2699)			
** DISCCART	406137.496657202	3759187.49825802	402.70	1.50
** receptor	=B2741+1 (sensitive receptor: C2700)			
** DISCCART	406137.496657202	3759137.49843534	393.60	1.50
** receptor	=B2742+1 (sensitive receptor: C2701)			
** DISCCART	406137.496657202	3759087.49861266	387.00	1.50
** receptor	=B2743+1 (sensitive receptor: C2702)			
** DISCCART	406137.496657202	3759037.49878997	380.50	1.50
** receptor	=B2744+1 (sensitive receptor: C2703)			
** DISCCART	406137.496657202	3758987.49896729	377.20	1.50
** receptor	=B2745+1 (sensitive receptor: C2704)			
** DISCCART	406137.496657202	3758937.49914461	369.90	1.50
** receptor	=B2746+1 (sensitive receptor: C2705)			
** DISCCART	406137.496657202	3758887.49932193	360.80	1.50
** receptor	=B2747+1 (sensitive receptor: C2706)			
** DISCCART	406137.496657202	3758837.49949925	354.20	1.50
** receptor	=B2748+1 (sensitive receptor: C2707)			
** DISCCART	406137.496657202	3758787.49967657	344.40	1.50
** receptor	=B2749+1 (sensitive receptor: C2708)			
** DISCCART	406137.496657202	3758737.49985389	337.80	1.50
** receptor	=B2750+1 (sensitive receptor: C2709)			
** DISCCART	406137.496657202	3758687.50003121	331.30	1.50
** receptor	=B2751+1 (sensitive receptor: C2710)			
** DISCCART	406187.499457013	3759437.50736939	487.20	1.50
** receptor	=B2752+1 (sensitive receptor: C2711)			
** DISCCART	406187.499457013	3759387.49754874	470.10	1.50
** receptor	=B2753+1 (sensitive receptor: C2712)			
** DISCCART	406187.499457013	3759337.49772606	462.50	1.50
** receptor	=B2754+1 (sensitive receptor: C2713)			
** DISCCART	406187.499457013	3759287.49790338	439.40	1.50
** receptor	=B2755+1 (sensitive receptor: C2714)			
** DISCCART	406187.499457013	3759237.4980807	416.60	1.50
** receptor	=B2756+1 (sensitive receptor: C2715)			
** DISCCART	406187.499457013	3759187.49825802	406.70	1.50
** receptor	=B2757+1 (sensitive receptor: C2716)			
** DISCCART	406187.499457013	3759137.49843534	400.10	1.50
** receptor	=B2758+1 (sensitive receptor: C2717)			
** DISCCART	406187.499457013	3759087.49861266	393.60	1.50
** receptor	=B2759+1 (sensitive receptor: C2718)			

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** DISCCART	406187.499457013	3759037.49878997	387.00	1.50
** receptor	=B2760+1 (sensitive receptor: C2719)			
** DISCCART	406187.499457013	3758987.49896729	383.00	1.50
** receptor	=B2761+1 (sensitive receptor: C2720)			
** DISCCART	406187.499457013	3758937.49914461	373.90	1.50
** receptor	=B2762+1 (sensitive receptor: C2721)			
** DISCCART	406187.499457013	3758887.49932193	366.60	1.50
** receptor	=B2763+1 (sensitive receptor: C2722)			
** DISCCART	406187.499457013	3758837.49949925	357.50	1.50
** receptor	=B2764+1 (sensitive receptor: C2723)			
** DISCCART	406187.499457013	3758787.49967657	347.70	1.50
** receptor	=B2765+1 (sensitive receptor: C2724)			
** DISCCART	406187.499457013	3758737.49985389	341.00	1.50
** receptor	=B2766+1 (sensitive receptor: C2725)			
** DISCCART	406187.499457013	3758687.50003121	334.60	1.50
** receptor	=B2767+1 (sensitive receptor: C2726)			
** DISCCART	406237.502256824	3759437.50736939	501.80	1.50
** receptor	=B2768+1 (sensitive receptor: C2727)			
** DISCCART	406237.502256824	3759387.49754874	482.80	1.50
** receptor	=B2769+1 (sensitive receptor: C2728)			
** DISCCART	406237.502256824	3759337.49772606	462.30	1.50
** receptor	=B2770+1 (sensitive receptor: C2729)			
** DISCCART	406237.502256824	3759287.49790338	446.00	1.50
** receptor	=B2771+1 (sensitive receptor: C2730)			
** DISCCART	406237.502256824	3759237.4980807	426.30	1.50
** receptor	=B2772+1 (sensitive receptor: C2731)			
** DISCCART	406237.502256824	3759187.49825802	413.30	1.50
** receptor	=B2773+1 (sensitive receptor: C2732)			
** DISCCART	406237.502256824	3759137.49843534	403.40	1.50
** receptor	=B2774+1 (sensitive receptor: C2733)			
** DISCCART	406237.502256824	3759087.49861266	399.40	1.50
** receptor	=B2775+1 (sensitive receptor: C2734)			
** DISCCART	406237.502256824	3759037.49878997	390.30	1.50
** receptor	=B2776+1 (sensitive receptor: C2735)			
** DISCCART	406237.502256824	3758987.49896729	383.80	1.50
** receptor	=B2777+1 (sensitive receptor: C2736)			
** DISCCART	406237.502256824	3758937.49914461	377.10	1.50
** receptor	=B2778+1 (sensitive receptor: C2737)			
** DISCCART	406237.502256824	3758887.49932193	367.40	1.50
** receptor	=B2779+1 (sensitive receptor: C2738)			
** DISCCART	406237.502256824	3758837.49949925	360.70	1.50
** receptor	=B2780+1 (sensitive receptor: C2739)			
** DISCCART	406237.502256824	3758787.49967657	350.90	1.50
** receptor	=B2781+1 (sensitive receptor: C2740)			
** DISCCART	406237.502256824	3758737.49985389	344.30	1.50
** receptor	=B2782+1 (sensitive receptor: C2741)			
** DISCCART	406237.502256824	3758687.50003121	337.80	1.50
** receptor	=B2783+1 (sensitive receptor: C2742)			
** DISCCART	406287.496810791	3759437.50736939	508.40	1.50
** receptor	=B2784+1 (sensitive receptor: C2743)			
** DISCCART	406287.496810791	3759387.49754874	501.00	1.50
** receptor	=B2785+1 (sensitive receptor: C2744)			
** DISCCART	406287.496810791	3759337.49772606	465.00	1.50
** receptor	=B2786+1 (sensitive receptor: C2745)			
** DISCCART	406287.496810791	3759287.49790338	449.30	1.50
** receptor	=B2787+1 (sensitive receptor: C2746)			
** DISCCART	406287.496810791	3759237.4980807	432.90	1.50
** receptor	=B2788+1 (sensitive receptor: C2747)			
** DISCCART	406287.496810791	3759187.49825802	416.60	1.50
** receptor	=B2789+1 (sensitive receptor: C2748)			
** DISCCART	406287.496810791	3759137.49843534	409.20	1.50
** receptor	=B2790+1 (sensitive receptor: C2749)			
** DISCCART	406287.496810791	3759087.49861266	400.20	1.50
** receptor	=B2791+1 (sensitive receptor: C2750)			
** DISCCART	406287.496810791	3759037.49878997	393.50	1.50
** receptor	=B2792+1 (sensitive receptor: C2751)			
** DISCCART	406287.496810791	3758987.49896729	383.70	1.50
** receptor	=B2793+1 (sensitive receptor: C2752)			
** DISCCART	406287.496810791	3758937.49914461	377.10	1.50
** receptor	=B2794+1 (sensitive receptor: C2753)			
** DISCCART	406287.496810791	3758887.49932193	367.40	1.50
** receptor	=B2795+1 (sensitive receptor: C2754)			
** DISCCART	406287.496810791	3758837.49949925	357.50	1.50
** receptor	=B2796+1 (sensitive receptor: C2755)			
** DISCCART	406287.496810791	3758787.49967657	354.20	1.50
** receptor	=B2797+1 (sensitive receptor: C2756)			

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DISCCART 406287.496810791 3758737.49985389 346.90 1.50
 ** receptor =B2798+1 (sensitive receptor: C2757)
 DISCCART 406287.496810791 3758687.50003121 343.60 1.50
 ** receptor =B2799+1 (sensitive receptor: C2758)
 DISCCART 406337.499610602 3759437.50736939 508.30 1.50
 ** receptor =B2800+1 (sensitive receptor: C2759)
 DISCCART 406337.499610602 3759387.49754874 499.30 1.50
 ** receptor =B2801+1 (sensitive receptor: C2760)
 DISCCART 406337.499610602 3759337.49772606 475.40 1.50
 ** receptor =B2802+1 (sensitive receptor: C2761)
 DISCCART 406337.499610602 3759287.49790338 452.60 1.50
 ** receptor =B2803+1 (sensitive receptor: C2762)
 DISCCART 406337.499610602 3759237.4980807 436.20 1.50
 ** receptor =B2804+1 (sensitive receptor: C2763)
 DISCCART 406337.499610602 3759187.49825802 423.00 1.50
 ** receptor =B2805+1 (sensitive receptor: C2764)
 DISCCART 406337.499610602 3759137.49843534 412.50 1.50
 ** receptor =B2806+1 (sensitive receptor: C2765)
 DISCCART 406337.499610602 3759087.49861266 400.20 1.50
 ** receptor =B2807+1 (sensitive receptor: C2766)
 DISCCART 406337.499610602 3759037.49878997 393.60 1.50
 ** receptor =B2808+1 (sensitive receptor: C2767)
 DISCCART 406337.499610602 3758987.49896729 383.70 1.50
 ** receptor =B2809+1 (sensitive receptor: C2768)
 DISCCART 406337.499610602 3758937.49914461 373.90 1.50
 ** receptor =B2810+1 (sensitive receptor: C2769)
 DISCCART 406337.499610602 3758887.49932193 367.30 1.50
 ** receptor =B2811+1 (sensitive receptor: C2770)
 DISCCART 406337.499610602 3758837.49949925 358.20 1.50
 ** receptor =B2812+1 (sensitive receptor: C2771)
 DISCCART 406337.499610602 3758787.49967657 354.20 1.50
 ** receptor =B2813+1 (sensitive receptor: C2772)
 DISCCART 406337.499610602 3758737.49985389 350.20 1.50
 ** receptor =B2814+1 (sensitive receptor: C2773)
 DISCCART 406337.499610602 3758687.50003121 347.00 1.50
 ** receptor =B2815+1 (sensitive receptor: C2774)
 DISCCART 406387.502410414 3759337.49772606 459.10 1.50
 ** receptor =B2816+1 (sensitive receptor: C2775)
 DISCCART 406387.502410414 3759287.49790338 449.20 1.50
 ** receptor =B2817+1 (sensitive receptor: C2776)
 DISCCART 406387.502410414 3759237.4980807 436.20 1.50
 ** receptor =B2818+1 (sensitive receptor: C2777)
 DISCCART 406387.502410414 3759187.49825802 425.60 1.50
 ** receptor =B2819+1 (sensitive receptor: C2778)
 DISCCART 406387.502410414 3759137.49843534 413.20 1.50
 ** receptor =B2820+1 (sensitive receptor: C2779)
 DISCCART 406387.502410414 3759087.49861266 403.40 1.50
 ** receptor =B2821+1 (sensitive receptor: C2780)
 DISCCART 406387.502410414 3759037.49878997 393.60 1.50
 ** receptor =B2822+1 (sensitive receptor: C2781)
 DISCCART 406387.502410414 3758987.49896729 386.30 1.50
 ** receptor =B2823+1 (sensitive receptor: C2782)
 DISCCART 406387.502410414 3758937.49914461 377.10 1.50
 ** receptor =B2824+1 (sensitive receptor: C2783)
 DISCCART 406387.502410414 3758887.49932193 364.00 1.50
 ** receptor =B2825+1 (sensitive receptor: C2784)
 DISCCART 406387.502410414 3758837.49949925 357.50 1.50
 ** receptor =B2826+1 (sensitive receptor: C2785)
 DISCCART 406387.502410414 3758787.49967657 354.20 1.50
 ** receptor =B2827+1 (sensitive receptor: C2786)
 DISCCART 406387.502410414 3758737.49985389 354.20 1.50
 ** receptor =B2828+1 (sensitive receptor: C2787)
 DISCCART 406387.502410414 3758687.50003121 354.20 1.50
 ** receptor =B2829+1 (sensitive receptor: C2788)
 DISCCART 406437.496964381 3759337.49772606 455.80 1.50
 ** receptor =B2830+1 (sensitive receptor: C2789)
 DISCCART 406437.496964381 3759287.49790338 446.10 1.50
 ** receptor =B2831+1 (sensitive receptor: C2790)
 DISCCART 406437.496964381 3759237.4980807 439.50 1.50
 ** receptor =B2832+1 (sensitive receptor: C2791)
 DISCCART 406437.496964381 3759187.49825802 426.30 1.50
 ** receptor =B2833+1 (sensitive receptor: C2792)
 DISCCART 406437.496964381 3759137.49843534 413.20 1.50
 ** receptor =B2834+1 (sensitive receptor: C2793)
 DISCCART 406437.496964381 3759087.49861266 403.40 1.50
 ** receptor =B2835+1 (sensitive receptor: C2794)

Appendix B

PM 24 hour Emissions Mitigated

DISCCART 406437.496964381 3759037.49878997 393.60 1.50
 ** receptor =B2836+1 (sensitive receptor: C2795)
 DISCCART 406437.496964381 3758987.49896729 387.00 1.50
 ** receptor =B2837+1 (sensitive receptor: C2796)
 DISCCART 406437.496964381 3758937.49914461 380.40 1.50
 ** receptor =B2838+1 (sensitive receptor: C2797)
 DISCCART 406437.496964381 3758887.49932193 366.50 1.50
 ** receptor =B2839+1 (sensitive receptor: C2798)
 DISCCART 406437.496964381 3758837.49949925 357.50 1.50
 ** receptor =B2840+1 (sensitive receptor: C2799)
 DISCCART 406437.496964381 3758787.49967657 357.50 1.50
 ** receptor =B2841+1 (sensitive receptor: C2800)
 DISCCART 406437.496964381 3758737.49985389 357.50 1.50
 ** receptor =B2842+1 (sensitive receptor: C2801)
 DISCCART 406437.496964381 3758687.50003121 360.80 1.50
 ** receptor =B2843+1 (sensitive receptor: C2802)
 DISCCART 406487.499764192 3759287.49790338 449.30 1.50
 ** receptor =B2844+1 (sensitive receptor: C2803)
 DISCCART 406487.499764192 3759237.4980807 439.40 1.50
 ** receptor =B2845+1 (sensitive receptor: C2804)
 DISCCART 406487.499764192 3759187.49825802 423.10 1.50
 ** receptor =B2846+1 (sensitive receptor: C2805)
 DISCCART 406487.499764192 3759137.49843534 413.30 1.50
 ** receptor =B2847+1 (sensitive receptor: C2806)
 DISCCART 406487.499764192 3759087.49861266 403.40 1.50
 ** receptor =B2848+1 (sensitive receptor: C2807)
 DISCCART 406487.499764192 3759037.49878997 396.10 1.50
 ** receptor =B2849+1 (sensitive receptor: C2808)
 DISCCART 406487.499764192 3758987.49896729 390.20 1.50
 ** receptor =B2850+1 (sensitive receptor: C2809)
 DISCCART 406487.499764192 3758937.49914461 383.00 1.50
 ** receptor =B2851+1 (sensitive receptor: C2810)
 DISCCART 406487.499764192 3758887.49932193 370.60 1.50
 ** receptor =B2852+1 (sensitive receptor: C2811)
 DISCCART 406487.499764192 3758837.49949925 366.60 1.50
 ** receptor =B2853+1 (sensitive receptor: C2812)
 DISCCART 406487.499764192 3758787.49967657 366.70 1.50
 ** receptor =B2854+1 (sensitive receptor: C2813)
 DISCCART 406487.499764192 3758737.49985389 367.40 1.50
 ** receptor =B2855+1 (sensitive receptor: C2814)
 DISCCART 406487.499764192 3758687.50003121 366.60 1.50
 ** receptor =B2856+1 (sensitive receptor: C2815)
 DISCCART 406537.502564003 3759237.4980807 439.50 1.50
 ** receptor =B2857+1 (sensitive receptor: C2816)
 DISCCART 406537.502564003 3759187.49825802 426.40 1.50
 ** receptor =B2858+1 (sensitive receptor: C2817)
 DISCCART 406537.502564003 3759137.49843534 416.50 1.50
 ** receptor =B2859+1 (sensitive receptor: C2818)
 DISCCART 406537.502564003 3759087.49861266 409.20 1.50
 ** receptor =B2860+1 (sensitive receptor: C2819)
 DISCCART 406537.502564003 3759037.49878997 400.10 1.50
 ** receptor =B2861+1 (sensitive receptor: C2820)
 DISCCART 406537.502564003 3758987.49896729 390.20 1.50
 ** receptor =B2862+1 (sensitive receptor: C2821)
 DISCCART 406537.502564003 3758937.49914461 380.40 1.50
 ** receptor =B2863+1 (sensitive receptor: C2822)
 DISCCART 406537.502564003 3758887.49932193 377.20 1.50
 ** receptor =B2864+1 (sensitive receptor: C2823)
 DISCCART 406537.502564003 3758837.49949925 380.50 1.50
 ** receptor =B2865+1 (sensitive receptor: C2824)
 DISCCART 406537.502564003 3758787.49967657 379.80 1.50
 ** receptor =B2866+1 (sensitive receptor: C2825)
 DISCCART 406537.502564003 3758737.49985389 376.40 1.50
 ** receptor =B2867+1 (sensitive receptor: C2826)
 DISCCART 406537.502564003 3758687.50003121 373.10 1.50
 ** receptor =B2868+1 (sensitive receptor: C2827)
 DISCCART 406587.49711797 3759237.4980807 448.60 1.50
 ** receptor =B2869+1 (sensitive receptor: C2828)
 DISCCART 406587.49711797 3759187.49825802 436.20 1.50
 ** receptor =B2870+1 (sensitive receptor: C2829)
 DISCCART 406587.49711797 3759137.49843534 423.10 1.50
 ** receptor =B2871+1 (sensitive receptor: C2830)
 DISCCART 406587.49711797 3759087.49861266 413.30 1.50
 ** receptor =B2872+1 (sensitive receptor: C2831)
 DISCCART 406587.49711797 3759037.49878997 403.40 1.50
 ** receptor =B2873+1 (sensitive receptor: C2832)

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PM 24 hour Emissions Mitigated

** receptor	DISCCART	406587.49711797	3758987.49896729	393.60	1.50
	=B2874+1 (sensitive receptor: C2833)				
** receptor	DISCCART	406587.49711797	3758937.49914461	389.60	1.50
	=B2875+1 (sensitive receptor: C2834)				
** receptor	DISCCART	406587.49711797	3758887.49932193	389.70	1.50
	=B2876+1 (sensitive receptor: C2835)				
** receptor	DISCCART	406587.49711797	3758837.49949925	389.60	1.50
	=B2877+1 (sensitive receptor: C2836)				
** receptor	DISCCART	406587.49711797	3758787.49967657	386.30	1.50
	=B2878+1 (sensitive receptor: C2837)				
** receptor	DISCCART	406587.49711797	3758737.49985389	380.50	1.50
	=B2879+1 (sensitive receptor: C2838)				
** receptor	DISCCART	406587.49711797	3758687.50003121	377.20	1.50
	=B2880+1 (sensitive receptor: C2839)				
** receptor	DISCCART	406587.49711797	3758637.50020853	370.60	1.50
	=B2881+1 (sensitive receptor: C2840)				
** receptor	DISCCART	406637.499917781	3759187.49825802	442.80	1.50
	=B2882+1 (sensitive receptor: C2841)				
** receptor	DISCCART	406637.499917781	3759137.49843534	429.60	1.50
	=B2883+1 (sensitive receptor: C2842)				
** receptor	DISCCART	406637.499917781	3759087.49861266	419.80	1.50
	=B2884+1 (sensitive receptor: C2843)				
** receptor	DISCCART	406637.499917781	3759037.49878997	403.40	1.50
	=B2885+1 (sensitive receptor: C2844)				
** receptor	DISCCART	406637.499917781	3758987.49896729	400.20	1.50
	=B2886+1 (sensitive receptor: C2845)				
** receptor	DISCCART	406637.499917781	3758937.49914461	402.70	1.50
	=B2887+1 (sensitive receptor: C2846)				
** receptor	DISCCART	406637.499917781	3758887.49932193	402.70	1.50
	=B2888+1 (sensitive receptor: C2847)				
** receptor	DISCCART	406637.499917781	3758837.49949925	396.90	1.50
	=B2889+1 (sensitive receptor: C2848)				
** receptor	DISCCART	406637.499917781	3758787.49967657	390.30	1.50
	=B2890+1 (sensitive receptor: C2849)				
** receptor	DISCCART	406637.499917781	3758737.49985389	383.80	1.50
	=B2891+1 (sensitive receptor: C2850)				
** receptor	DISCCART	406637.499917781	3758687.50003121	380.40	1.50
	=B2892+1 (sensitive receptor: C2851)				
** receptor	DISCCART	406687.502717592	3759137.49843534	429.60	1.50
	=B2893+1 (sensitive receptor: C2852)				
** receptor	DISCCART	406687.502717592	3759087.49861266	419.90	1.50
	=B2894+1 (sensitive receptor: C2853)				
** receptor	DISCCART	406687.502717592	3759037.49878997	416.60	1.50
	=B2895+1 (sensitive receptor: C2854)				
** receptor	DISCCART	406687.502717592	3758987.49896729	416.50	1.50
	=B2896+1 (sensitive receptor: C2855)				
** receptor	DISCCART	406687.502717592	3758937.49914461	415.80	1.50
	=B2897+1 (sensitive receptor: C2856)				
** receptor	DISCCART	406687.502717592	3758887.49932193	406.60	1.50
	=B2898+1 (sensitive receptor: C2857)				
** receptor	DISCCART	406687.502717592	3758837.49949925	400.10	1.50
	=B2899+1 (sensitive receptor: C2858)				
** receptor	DISCCART	406687.502717592	3758737.49985389	383.80	1.50
	=B2900+1 (sensitive receptor: C2859)				
** receptor	DISCCART	406737.497271559	3759137.49843534	438.80	1.50
	=B2901+1 (sensitive receptor: C2860)				
** receptor	DISCCART	406737.497271559	3759037.49878997	438.70	1.50
	=B2902+1 (sensitive receptor: C2861)				
** receptor	DISCCART	406737.497271559	3758987.49896729	429.60	1.50
	=B2903+1 (sensitive receptor: C2862)				
** receptor	DISCCART	406737.497271559	3758937.49914461	417.30	1.50
	=B2904+1 (sensitive receptor: C2863)				
** receptor	DISCCART	406737.497271559	3758637.50020853	383.70	1.50
	=B2905+1 (sensitive receptor: C2864)				
** receptor	DISCCART	406787.50007137	3759037.49878997	455.10	1.50
	=B2906+1 (sensitive receptor: C2865)				
** receptor	DISCCART	406787.50007137	3758987.49896729	432.90	1.50
	=B2907+1 (sensitive receptor: C2866)				
** receptor	DISCCART	406787.50007137	3758937.49914461	416.60	1.50
	=B2908+1 (sensitive receptor: C2867)				
** receptor	DISCCART	406787.50007137	3758687.50003121	393.60	1.50
	=B2909+1 (sensitive receptor: C2868)				
** receptor	DISCCART	406787.50007137	3758637.50020853	380.50	1.50
	=B2910+1 (sensitive receptor: C2869)				
** receptor	DISCCART	406837.502871182	3758737.49985389	406.60	1.50
	=B2911+1 (sensitive receptor: C2870)				

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DISCCART 406837.502871182 3758687.50003121 400.10 1.50
 ** receptor =B2912+1 (sensitive receptor: C2871)
 DISCCART 406837.502871182 3758637.50020853 387.00 1.50
 ** receptor =B2913+1 (sensitive receptor: C2872)
 DISCCART 406887.497425149 3758787.49967657 415.80 1.50
 ** receptor =B2914+1 (sensitive receptor: C2873)
 DISCCART 406887.497425149 3758737.49985389 406.60 1.50
 ** receptor =B2915+1 (sensitive receptor: C2874)
 DISCCART 406887.497425149 3758687.50003121 396.80 1.50
 ** receptor =B2916+1 (sensitive receptor: C2875)
 DISCCART 406887.497425149 3758637.50020853 383.70 1.50
 ** receptor =B2917+1 (sensitive receptor: C2876)
 DISCCART 406937.50022496 3758737.49985389 403.40 1.50
 ** receptor =B2918+1 (sensitive receptor: C2877)
 DISCCART 406937.50022496 3758687.50003121 393.50 1.50
 ** receptor =B2919+1 (sensitive receptor: C2878)
 DISCCART 406937.50022496 3758637.50020853 380.40 1.50
 ** receptor =B2920+1 (sensitive receptor: C2879)
 DISCCART 406987.503024771 3758737.49985389 403.40 1.50
 ** receptor =B2921+1 (sensitive receptor: C2880)
 DISCCART 406987.503024771 3758687.50003121 393.40 1.50
 ** receptor =B2922+1 (sensitive receptor: C2881)
 DISCCART 406987.503024771 3758637.50020853 377.30 1.50
 ** receptor =B2923+1 (sensitive receptor: C2882)
 DISCCART 407037.497578738 3758687.50003121 387.60 1.50
 ** receptor =B2924+1 (sensitive receptor: C2883)
 DISCCART 407037.497578738 3758637.50020853 380.60 1.50
 ** receptor =B2925+1 (sensitive receptor: C2884)
 DISCCART 407087.500378549 3758637.50020853 400.20 1.50
 ** receptor =B2926+1 (sensitive receptor: C2885)
 DISCCART 407137.50317836 3758637.50020853 409.40 1.50
 ** receptor =B2927+1 (sensitive receptor: C2886)
 DISCCART 407187.497732327 3758637.50020853 422.40 1.50
 ** receptor =B2928+1 (sensitive receptor: C2887)
 DISCCART 407237.500532139 3758637.50020853 438.80 1.50
 ** receptor =B2929+1 (sensitive receptor: C2888)
 DISCCART 407287.50333195 3758637.50020853 458.50 1.50
 ** receptor =B2930+1 (sensitive receptor: C2889)
 DISCCART 407337.497885917 3758637.50020853 474.90 1.50
 ** receptor =B2931+1 (sensitive receptor: C2890)
 DISCCART 407387.500685728 3758637.50020853 490.60 1.50
 ** receptor =B2932+1 (sensitive receptor: C2891)
 DISCCART 407437.495239695 3758637.50020853 505.10 1.50
 ** receptor =B2933+1 (sensitive receptor: C2892)
 DISCCART 407487.498039506 3758637.50020853 490.20 1.50
 ** receptor =B2934+1 (sensitive receptor: C2893)
 DISCCART 407537.500839317 3758637.50020853 0.00 1.50
 ** receptor =B2935+1 (sensitive receptor: C2894)
 DISCCART 407587.495393284 3758637.50020853 0.00 1.50
 ** receptor =B2936+1 (sensitive receptor: C2895)
 DISCCART 407637.498193095 3758637.50020853 0.00 1.50
 ** receptor =B2937+1 (sensitive receptor: C2896)
 DISCCART 407687.500992907 3758637.50020853 0.00 1.50
 ** receptor =B2938+1 (sensitive receptor: C2897)
 DISCCART 407737.495546874 3758637.50020853 0.00 1.50
 ** receptor =B2939+1 (sensitive receptor: C2898)
 DISCCART 407787.498346685 3758637.50020853 0.00 1.50
 ** receptor =B2940+1 (sensitive receptor: C2899)
 DISCCART 407837.501146496 3758637.50020853 0.00 1.50
 ** receptor =B2941+1 (sensitive receptor: C2900)
 DISCCART 407887.503946307 3758637.50020853 0.00 1.50
 ** receptor =B2942+1 (sensitive receptor: C2901)
 DISCCART 407937.498500274 3758637.50020853 0.00 1.50
 ** receptor =B2943+1 (sensitive receptor: C2902)
 DISCCART 407987.501300085 3758637.50020853 0.00 1.50
 ** receptor =B2944+1 (sensitive receptor: C2903)
 DISCCART 408037.495854052 3758637.50020853 0.00 1.50
 ** receptor =B2945+1 (sensitive receptor: C2904)
 DISCCART 408087.498653864 3758637.50020853 0.00 1.50
 ** receptor =B2946+1 (sensitive receptor: C2905)
 DISCCART 405987.496503612 3758637.50020853 314.90 1.50
 ** receptor =B2947+1 (sensitive receptor: C2906)
 DISCCART 405987.496503612 3758587.50038585 310.80 1.50
 ** receptor =B2948+1 (sensitive receptor: C2907)
 DISCCART 406037.499303424 3758637.50020853 318.20 1.50
 ** receptor =B2949+1 (sensitive receptor: C2908)

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DISCCART 406037.499303424 3758587.50038585 314.10 1.50
 ** receptor =B2950+1 (sensitive receptor: C2909)
 DISCCART 406087.502103235 3758637.50020853 321.40 1.50
 ** receptor =B2951+1 (sensitive receptor: C2910)
 DISCCART 406087.502103235 3758587.50038585 318.10 1.50
 ** receptor =B2952+1 (sensitive receptor: C2911)
 DISCCART 406137.496657202 3758637.50020853 324.70 1.50
 ** receptor =B2953+1 (sensitive receptor: C2912)
 DISCCART 406137.496657202 3758587.50038585 321.40 1.50
 ** receptor =B2954+1 (sensitive receptor: C2913)
 DISCCART 406187.499457013 3758637.50020853 331.30 1.50
 ** receptor =B2955+1 (sensitive receptor: C2914)
 DISCCART 406187.499457013 3758587.50038585 327.30 1.50
 ** receptor =B2956+1 (sensitive receptor: C2915)
 DISCCART 406237.502256824 3758637.50020853 334.60 1.50
 ** receptor =B2957+1 (sensitive receptor: C2916)
 DISCCART 406237.502256824 3758587.50038585 333.80 1.50
 ** receptor =B2958+1 (sensitive receptor: C2917)
 DISCCART 406287.496810791 3758637.50020853 340.40 1.50
 ** receptor =B2959+1 (sensitive receptor: C2918)
 DISCCART 406287.496810791 3758587.50038585 340.40 1.50
 ** receptor =B2960+1 (sensitive receptor: C2919)
 DISCCART 406337.499610602 3758637.50020853 344.40 1.50
 ** receptor =B2961+1 (sensitive receptor: C2920)
 DISCCART 406337.499610602 3758587.50038585 344.40 1.50
 ** receptor =B2962+1 (sensitive receptor: C2921)
 DISCCART 406387.502410414 3758637.50020853 351.00 1.50
 ** receptor =B2963+1 (sensitive receptor: C2922)
 DISCCART 406387.502410414 3758587.50038585 347.70 1.50
 ** receptor =B2964+1 (sensitive receptor: C2923)
 DISCCART 406437.496964381 3758637.50020853 357.50 1.50
 ** receptor =B2965+1 (sensitive receptor: C2924)
 DISCCART 406437.496964381 3758587.50038585 354.20 1.50
 ** receptor =B2966+1 (sensitive receptor: C2925)
 DISCCART 406487.499764192 3758637.50020853 363.30 1.50
 ** receptor =B2967+1 (sensitive receptor: C2926)
 DISCCART 406487.499764192 3758587.50038585 357.50 1.50
 ** receptor =B2968+1 (sensitive receptor: C2927)
 DISCCART 406537.502564003 3758637.50020853 367.40 1.50
 ** receptor =B2969+1 (sensitive receptor: C2928)
 DISCCART 406537.502564003 3758587.50038585 363.30 1.50
 ** receptor =B2970+1 (sensitive receptor: C2929)
 DISCCART 406587.49711797 3758587.50038585 364.10 1.50
 ** receptor =B2971+1 (sensitive receptor: C2930)
 DISCCART 406737.497271559 3758587.50038585 373.80 1.50
 ** receptor =B2972+1 (sensitive receptor: C2931)
 DISCCART 406787.50007137 3758587.50038585 379.70 1.50
 ** receptor =B2973+1 (sensitive receptor: C2932)
 DISCCART 406837.502871182 3758587.50038585 371.10 1.50
 ** receptor =B2974+1 (sensitive receptor: C2933)
 DISCCART 406887.497425149 3758587.50038585 354.40 1.50
 ** receptor =B2975+1 (sensitive receptor: C2934)
 DISCCART 406937.50022496 3758587.50038585 380.60 1.50
 ** receptor =B2976+1 (sensitive receptor: C2935)
 DISCCART 406987.503024771 3758587.50038585 387.10 1.50
 ** receptor =B2977+1 (sensitive receptor: C2936)
 DISCCART 407037.497578738 3758587.50038585 399.50 1.50
 ** receptor =B2978+1 (sensitive receptor: C2937)
 DISCCART 407087.500378549 3758587.50038585 403.50 1.50
 ** receptor =B2979+1 (sensitive receptor: C2938)
 DISCCART 407137.50317836 3758587.50038585 413.30 1.50
 ** receptor =B2980+1 (sensitive receptor: C2939)
 DISCCART 407187.497732327 3758587.50038585 435.20 1.50
 ** receptor =B2981+1 (sensitive receptor: C2940)
 DISCCART 407237.500532139 3758587.50038585 451.90 1.50
 ** receptor =B2982+1 (sensitive receptor: C2941)
 DISCCART 407287.50333195 3758587.50038585 456.00 1.50
 ** receptor =B2983+1 (sensitive receptor: C2942)
 DISCCART 407337.497885917 3758587.50038585 471.70 1.50
 ** receptor =B2984+1 (sensitive receptor: C2943)
 DISCCART 407387.500685728 3758587.50038585 493.10 1.50
 ** receptor =B2985+1 (sensitive receptor: C2944)
 DISCCART 407437.495239695 3758587.50038585 507.70 1.50
 ** receptor =B2986+1 (sensitive receptor: C2945)
 DISCCART 407487.498039506 3758587.50038585 496.70 1.50
 ** receptor =B2987+1 (sensitive receptor: C2946)

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** DISCCART	407537.500839317	3758587.50038585	0.00	1.50
** receptor	=B2988+1 (sensitive receptor: C2947)			
** DISCCART	407587.495393284	3758587.50038585	0.00	1.50
** receptor	=B2989+1 (sensitive receptor: C2948)			
** DISCCART	407637.498193095	3758587.50038585	0.00	1.50
** receptor	=B2990+1 (sensitive receptor: C2949)			
** DISCCART	407687.500992907	3758587.50038585	0.00	1.50
** receptor	=B2991+1 (sensitive receptor: C2950)			
** DISCCART	407737.495546874	3758587.50038585	0.00	1.50
** receptor	=B2992+1 (sensitive receptor: C2951)			
** DISCCART	407787.498346685	3758587.50038585	0.00	1.50
** receptor	=B2993+1 (sensitive receptor: C2952)			
** DISCCART	407837.501146496	3758587.50038585	0.00	1.50
** receptor	=B2994+1 (sensitive receptor: C2953)			
** DISCCART	407887.503946307	3758587.50038585	0.00	1.50
** receptor	=B2995+1 (sensitive receptor: C2954)			
** DISCCART	407937.498500274	3758587.50038585	0.00	1.50
** receptor	=B2996+1 (sensitive receptor: C2955)			
** DISCCART	407987.501300085	3758587.50038585	0.00	1.50
** receptor	=B2997+1 (sensitive receptor: C2956)			
** DISCCART	408037.495854052	3758587.50038585	0.00	1.50
** receptor	=B2998+1 (sensitive receptor: C2957)			
** DISCCART	408087.498653864	3758587.50038585	0.00	1.50
** CENSUS BLOCK RECEPTORS				
** receptor	CE001 (census block: BLK408506021)			
** DISCCART	408749.806007506	3760427.54857406	0.00	0.00
** receptor	CE002 (census block: BLK408506022)			
** DISCCART	408576.447507959	3760430.48997928	0.00	0.00
** receptor	CE003 (census block: BLK408506023)			
** DISCCART	408341.802356354	3760655.27152249	0.00	0.00
** receptor	CE004 (census block: BLK408506024)			
** DISCCART	408422.133849846	3760726.40898221	0.00	0.00
** receptor	CE005 (census block: BLK408506025)			
** DISCCART	408512.511209633	3760597.35762377	0.00	0.00
** receptor	CE006 (census block: BLK408506026)			
** DISCCART	408737.147770783	3760284.26416171	0.00	0.00
** receptor	CE007 (census block: BLK500204000)			
** DISCCART	407589.230892095	3757492.83437839	0.00	0.00
** receptor	CE008 (census block: BLK500205000)			
** DISCCART	406297.845135922	3757662.03464915	285.40	0.00
** receptor	CE009 (census block: BLK500205002)			
** DISCCART	406584.226588385	3757389.73804016	259.10	0.00
** receptor	CE010 (census block: BLK500206000)			
** DISCCART	407118.838102641	3757983.49210563	374.60	0.00
** receptor	CE011 (census block: BLK500206001)			
** DISCCART	406874.273114441	3758349.69729429	380.50	0.00
** receptor	CE012 (census block: BLK500206002)			
** DISCCART	406620.194570995	3758320.89375412	351.20	0.00
** receptor	CE013 (census block: BLK500206003)			
** DISCCART	406622.538542243	3757771.77868935	308.70	0.00
** receptor	CE014 (census block: BLK500206004)			
** DISCCART	406913.04327271	3757488.0297645	284.30	0.00
** receptor	CE015 (census block: BLK500206005)			
** DISCCART	406700.61374404	3757538.34383004	285.70	0.00
** receptor	CE016 (census block: BLK500206006)			
** DISCCART	407066.218777817	3757290.66451125	282.70	0.00
** receptor	CE017 (census block: BLK500206007)			
** DISCCART	407127.283156841	3757406.39871061	301.70	0.00
** receptor	CE018 (census block: BLK500211003)			
** DISCCART	408971.490403303	3759219.36440925	0.00	0.00
** receptor	CE019 (census block: BLK500211005)			
** DISCCART	408922.461109132	3758958.82823152	0.00	0.00
** receptor	CE020 (census block: BLK500211006)			
** DISCCART	408826.497851097	3758875.99205586	0.00	0.00
** receptor	CE021 (census block: BLK500211007)			
** DISCCART	409072.446211828	3758868.12882921	0.00	0.00
** receptor	CE022 (census block: BLK500211009)			
** DISCCART	408994.970734935	3758728.42800494	0.00	0.00
** receptor	CE023 (census block: BLK500211010)			
** DISCCART	408227.331322753	3758224.39308564	0.00	0.00
** receptor	CE024 (census block: BLK500211011)			
** DISCCART	408139.692864938	3758492.59557442	0.00	0.00
** receptor	CE025 (census block: BLK500211012)			
** DISCCART	408581.968092922	3758154.12672608	0.00	0.00

Appendix B

PM 24 hour Emissions Mitigated

** receptor	CE026 (census block: BLK500211014)			
DISCCART	408461.584808023	3758025.84274235	0.00	0.00
** receptor	CE027 (census block: BLK500211016)			
DISCCART	407729.400128099	3758130.66335171	0.00	0.00
** receptor	CE028 (census block: BLK500211017)			
DISCCART	407645.410164862	3757976.23037572	0.00	0.00
** receptor	CE029 (census block: BLK500211018)			
DISCCART	407482.906231318	3757723.57574838	429.40	0.00
** receptor	CE030 (census block: BLK501602000)			
DISCCART	405320.372409447	3759819.90359013	397.10	0.00
** receptor	CE031 (census block: BLK501603000)			
DISCCART	405904.105071521	3759261.60693193	408.60	0.00
** receptor	CE032 (census block: BLK501603001)			
DISCCART	405691.519376126	3759433.35673872	446.10	0.00
** receptor	CE033 (census block: BLK501603002)			
DISCCART	405617.361162259	3759631.22815867	541.60	0.00
** receptor	CE034 (census block: BLK501603003)			
DISCCART	405524.653957262	3759523.85635574	432.00	0.00
** receptor	CE035 (census block: BLK501603004)			
DISCCART	405402.384335292	3759491.65726032	423.30	0.00
** receptor	CE036 (census block: BLK501603005)			
DISCCART	405646.010602342	3759322.97573433	394.10	0.00
** receptor	CE037 (census block: BLK501603006)			
DISCCART	405616.324715491	3759173.51836785	344.40	0.00
** receptor	CE038 (census block: BLK501603007)			
DISCCART	405512.622295278	3759095.02231357	321.40	0.00
** receptor	CE039 (census block: BLK501603008)			
DISCCART	405377.460981122	3759043.06949407	311.60	0.00
** receptor	CE040 (census block: BLK501603009)			
DISCCART	405466.316435546	3758975.76639931	308.30	0.00
** receptor	CE041 (census block: BLK501603010)			
DISCCART	405527.847444175	3758925.23486247	308.30	0.00
** receptor	CE042 (census block: BLK501604000)			
DISCCART	406550.621988931	3758915.09035494	380.50	0.00
** receptor	CE043 (census block: BLK501604001)			
DISCCART	406480.474429338	3759093.03218777	403.40	0.00
** receptor	CE044 (census block: BLK501604002)			
DISCCART	406259.70283558	3759222.54652611	424.70	0.00
** receptor	CE045 (census block: BLK501604003)			
DISCCART	406195.819017176	3759106.84555469	396.80	0.00
** receptor	CE046 (census block: BLK501604004)			
DISCCART	406070.236447137	3759025.17598326	370.80	0.00
** receptor	CE047 (census block: BLK501604005)			
DISCCART	405757.637016656	3758922.94604871	332.60	0.00
** receptor	CE048 (census block: BLK501604006)			
DISCCART	405844.377372919	3758855.24464319	330.80	0.00
** receptor	CE049 (census block: BLK501604007)			
DISCCART	406318.111493656	3758856.0474567	363.50	0.00
** receptor	CE050 (census block: BLK501604008)			
DISCCART	406403.525988595	3759010.45523479	390.70	0.00
** receptor	CE051 (census block: BLK501609006)			
DISCCART	406352	3759038.6	393.70	0.00
** receptor	CE052 (census block: BLK501609007)			
DISCCART	406045.007458668	3760461.19387418	629.80	0.00
** receptor	CE053 (census block: BLK501609021)			
DISCCART	407358.288904366	3758534.46922479	485.40	0.00
** receptor	CE054 (census block: BLK501609022)			
DISCCART	407261.672811583	3758458.84625731	476.20	0.00
** receptor	CE055 (census block: BLK501701000)			
DISCCART	406506.829211421	3758549.17860801	357.50	0.00
** receptor	CE056 (census block: BLK501701001)			
DISCCART	406457.905253804	3758377.91144033	344.40	0.00
** receptor	CE057 (census block: BLK501701002)			
DISCCART	406301.702564465	3758551.205023	341.10	0.00
** receptor	CE058 (census block: BLK501701003)			
DISCCART	406205.033192867	3758613.50092079	331.30	0.00
** receptor	CE059 (census block: BLK501701004)			
DISCCART	406115.409823153	3758675.30499346	328.00	0.00
** receptor	CE060 (census block: BLK501701005)			
DISCCART	406028.60716936	3758737.08197694	328.00	0.00
** receptor	CE061 (census block: BLK501701006)			
DISCCART	405938.281214678	3758798.89477874	330.90	0.00
** receptor	CE062 (census block: BLK501701007)			
DISCCART	405736.732356176	3758451.4745756	278.80	0.00
** receptor	CE063 (census block: BLK501701008)			
DISCCART	405814.426647488	3758395.28490412	281.70	0.00

Appendix B

PM 24 hour Emissions Mitigated

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** receptor CE064 (census block: BLK501702000)
DISCCART 406257.679183628 3758091.80695965 317.50 0.00
** receptor CE065 (census block: BLK501702001)
DISCCART 406166.640545947 3758153.62433368 311.60 0.00
** receptor CE066 (census block: BLK501702002)
DISCCART 405932.301123578 3758196.55870925 288.60 0.00
** receptor CE067 (census block: BLK501702003)
DISCCART 406072.199550461 3758298.81329292 305.00 0.00
** receptor CE068 (census block: BLK501702004)
DISCCART 405823.105818611 3758062.69666328 275.50 0.00
** receptor CE069 (census block: BLK501702005)
DISCCART 405911.268844127 3757995.40511402 282.10 0.00
** receptor CE070 (census block: BLK501702006)
DISCCART 405982.128243211 3757889.36732389 285.40 0.00
** receptor CE071 (census block: BLK501702009)
DISCCART 405799.168562158 3757924.1806304 268.90 0.00
** receptor CE072 (census block: BLK501703000)
DISCCART 405647.799750434 3758653.29948119 291.60 0.00
** receptor CE073 (census block: BLK501703001)
DISCCART 405489.147947858 3758508.51203456 269.00 0.00
** receptor CE074 (census block: BLK501703002)
DISCCART 405436.440211818 3758454.46693022 262.40 0.00
** receptor CE075 (census block: BLK501703003)
DISCCART 405455.721934976 3758337.9409465 257.80 0.00
** receptor CE076 (census block: BLK501703008)
DISCCART 405549.158243318 3758092.92026298 252.60 0.00
** receptor CE077 (census block: BLK501703009)
DISCCART 405661.882628257 3758014.3827463 259.10 0.00
** receptor CE078 (census block: BLK501704000)
DISCCART 405479.717684811 3758764.54001026 290.90 0.00
** receptor CE079 (census block: BLK501704001)
DISCCART 405359.158071486 3758904.49796325 297.30 0.00
** receptor CE080 (census block: BLK501704002)
DISCCART 405170.69339449 3759021.02430729 308.30 0.00
** receptor CE081 (census block: BLK501704003)
DISCCART 405201.970281093 3758906.06962733 295.20 0.00
** receptor CE082 (census block: BLK501704004)
DISCCART 405349.866985966 3758821.25356942 288.60 0.00
** receptor CE083 (census block: BLK501704005)
DISCCART 405215.443840128 3758773.10283891 282.10 0.00
** receptor CE084 (census block: BLK501704008)
DISCCART 405359.746481381 3758681.13144629 275.50 0.00
** receptor CE085 (census block: BLK501704009)
DISCCART 405435.368442973 3758629.6125628 275.50 0.00
** receptor CE086 (census block: BLK501804000)
DISCCART 405236.452045736 3759463.70375868 368.70 0.00
** receptor CE087 (census block: BLK501804001)
DISCCART 405212.37968725 3759382.72247012 352.60 0.00
** receptor CE088 (census block: BLK501804009)
DISCCART 405186.175462272 3759300.07045068 343.50 0.00
** receptor CE089 (census block: BLK501804011)
DISCCART 405257.372829785 3759088.68814387 314.90 0.00
** receptor CE090 (census block: BLK501609001)
DISCCART 408456.668426364 3760361.84764575 0.00 0.00
** receptor CE091 (census block: BLK501609002)
DISCCART 408269.975683699 3760516.36774435 0.00 0.00
** receptor CE092 (census block: BLK501609003)
DISCCART 407367.835528453 3760879.65008316 1026.70 0.00
** receptor CE093 (census block: BLK501609004)
DISCCART 408322.620179824 3760275.57773676 0.00 0.00
** receptor CE094 (census block: BLK501609005)
DISCCART 408794.360235931 3759930.90793989 0.00 0.00
** receptor CE095 (census block: BLK501609008)
DISCCART 406130.797262568 3760014.46792851 584.40 0.00

```

RE FINISHED

ME STARTING

```

INPUTFIL c:\ISC\whittier.asc
ANEMHGHT 10 METERS
SURFDATA 53114 81 LosAngeles
UAIRDATA 91919 81 LosAngeles
STARTEND 81 1 1 81 12 31

```

Appendix B

PM 24 hour Emissions Mitigated

ME FINISHED

OU STARTING

RECTABLE 24 first
** PLOTFILE 1 first c:\ISC\WHI_PM24.PLT

OU FINISHED

*** Message Summary For ISC3 Model Setup ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 4 Warning Message(s)
A Total of 0 Informational Message(s)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
ME W360 7444 SET_WI:2-Digit Year Specified: Valid for Range 1950-2049 SURFDATA
SO W320 30 PPARAM :Input Parameter May Be Out-of-Range for Parameter QS
SO W320 34 PPARAM :Input Parameter May Be Out-of-Range for Parameter QS
RE W282 7437 CHK_EL:RecElev < SrcBase; See non-DFAULT HE>ZI option in MCB#9

*** SETUP Finishes Successfully ***

• *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41
**MODELOPTs: PAGE 1
CONC URBAN ELEV FLGPOL NOCALM

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**NO GAS DRY DEPOSITION Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses User-Specified Options:
1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Not Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.

**Model Accepts Receptors on ELEV Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates 1 Short Term Average(s) of: 24-HR

**This Run Includes: 4 Source(s); 1 Source Group(s); and 3690 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**Model Set To Continue RUNning After the Setup Testing.

Appendix B

PM 24 hour Emissions Mitigated

**Output Options Selected:

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.4 MB of RAM.

**Input Runstream File: WHI_PM2m.inp
 **Output Print File: WHI_PM2m.out
 **Detailed Error/Message File: c:\ISC\zERROR.ERR

• *** ISCST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41
 **MODELOPTs: PAGE 2

CONC URBAN ELEV FLGPOL NOCALM

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
1	0	0.78900E-01	407065.0	3759568.0	150.9	12.20	1050.00	3.70	1.80	NO	
2	0	0.00000E+00	407085.0	3759498.0	150.9	6.10	565.00	2.80	0.25	NO	
3	0	0.00000E+00	407085.0	3759498.0	150.9	6.10	565.00	2.80	0.50	NO	
4	0	0.29000E-02	407130.0	3759340.0	147.8	4.00	783.00	3.60	0.20	NO	

• *** ISCST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41
 **MODELOPTs: PAGE 3

CONC URBAN ELEV FLGPOL NOCALM

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

1 1, 2, 3, 4
 • *** ISCST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41
 **MODELOPTs: PAGE 4

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(409779.5, 3759787.5, 0.0, 1.5);	(409779.3, 3759762.5, 0.0, 1.5);
(409779.2, 3759737.5, 0.0, 1.5);	(409779.0, 3759712.5, 0.0, 1.5);
(409778.9, 3759687.5, 0.0, 1.5);	(409778.7, 3759662.5, 0.0, 1.5);
(409778.5, 3759637.5, 0.0, 1.5);	(409778.4, 3759612.5, 0.0, 1.5);
(409778.2, 3759587.5, 0.0, 1.5);	(409778.1, 3759562.5, 0.0, 1.5);
(409777.9, 3759537.5, 0.0, 1.5);	(409777.7, 3759512.5, 0.0, 1.5);
(409777.6, 3759487.5, 0.0, 1.5);	(409777.4, 3759462.5, 0.0, 1.5);
(409777.3, 3759437.5, 0.0, 1.5);	(409777.1, 3759412.5, 0.0, 1.5);
(409776.9, 3759387.5, 0.0, 1.5);	(409776.8, 3759362.5, 0.0, 1.5);
(409776.6, 3759337.5, 0.0, 1.5);	(409776.4, 3759312.5, 0.0, 1.5);
(409776.3, 3759287.5, 0.0, 1.5);	(409776.1, 3759262.5, 0.0, 1.5);
(409775.9, 3759237.5, 0.0, 1.5);	(409775.7, 3759212.5, 0.0, 1.5);
(409775.4, 3759187.5, 0.0, 1.5);	(409775.1, 3759162.5, 0.0, 1.5);
(409774.8, 3759137.5, 0.0, 1.5);	(409774.6, 3759112.5, 0.0, 1.5);
(409774.3, 3759087.5, 0.0, 1.5);	(409774.0, 3759062.5, 0.0, 1.5);
(409773.8, 3759037.5, 0.0, 1.5);	(409765.3, 3759020.3, 0.0, 1.5);
(409740.3, 3759020.5, 0.0, 1.5);	(409715.3, 3759021.0, 0.0, 1.5);
(409690.3, 3759021.3, 0.0, 1.5);	(409665.3, 3759021.5, 0.0, 1.5);
(409640.3, 3759021.8, 0.0, 1.5);	(409615.3, 3759022.3, 0.0, 1.5);
(409590.3, 3759022.5, 0.0, 1.5);	(409565.3, 3759022.8, 0.0, 1.5);

Appendix B

PM 24 hour Emissions Mitigated

(409540.3, 3759023.3,	0.0,	1.5);	(409515.3, 3759024.3,	0.0,	1.5);
(409490.3, 3759025.3,	0.0,	1.5);	(409465.3, 3759026.5,	0.0,	1.5);
(409440.3, 3759027.0,	0.0,	1.5);	(409415.3, 3759027.8,	0.0,	1.5);
(409390.3, 3759027.8,	0.0,	1.5);	(409365.3, 3759028.5,	0.0,	1.5);
(409340.3, 3759029.0,	0.0,	1.5);	(409315.4, 3759029.5,	0.0,	1.5);
(409290.4, 3759030.0,	0.0,	1.5);	(409265.4, 3759030.5,	0.0,	1.5);
(409240.4, 3759031.0,	0.0,	1.5);	(409215.4, 3759031.5,	0.0,	1.5);
(409190.4, 3759032.0,	0.0,	1.5);	(409165.4, 3759032.5,	0.0,	1.5);
(409140.4, 3759033.0,	0.0,	1.5);	(409115.4, 3759033.5,	0.0,	1.5);
(409090.4, 3759034.0,	0.0,	1.5);	(409065.4, 3759034.5,	0.0,	1.5);
(409040.4, 3759035.0,	0.0,	1.5);	(409015.4, 3759035.5,	0.0,	1.5);
(408990.4, 3759036.3,	0.0,	1.5);	(408965.4, 3759036.8,	0.0,	1.5);
(408940.4, 3759037.3,	0.0,	1.5);	(408915.4, 3759037.8,	0.0,	1.5);
(408890.5, 3759038.3,	0.0,	1.5);	(408865.5, 3759038.8,	0.0,	1.5);
(408840.5, 3759039.3,	0.0,	1.5);	(408815.5, 3759039.8,	0.0,	1.5);
(408790.5, 3759040.3,	0.0,	1.5);	(408765.5, 3759040.8,	0.0,	1.5);
(408740.5, 3759041.3,	0.0,	1.5);	(408715.5, 3759041.8,	0.0,	1.5);
(408690.5, 3759042.3,	0.0,	1.5);	(408665.5, 3759042.8,	0.0,	1.5);
(408640.5, 3759043.3,	0.0,	1.5);	(408615.5, 3759044.0,	0.0,	1.5);
(408590.5, 3759044.5,	0.0,	1.5);	(408581.9, 3759028.8,	0.0,	1.5);
(408581.6, 3759004.0,	0.0,	1.5);	(408581.3, 3758979.0,	0.0,	1.5);
(408581.0, 3758954.0,	0.0,	1.5);	(408580.7, 3758929.0,	0.0,	1.5);
(408580.3, 3758904.0,	0.0,	1.5);	(408580.0, 3758879.0,	0.0,	1.5);
(408579.7, 3758854.0,	0.0,	1.5);	(408579.4, 3758829.0,	0.0,	1.5);
(408579.1, 3758804.0,	0.0,	1.5);	(408578.8, 3758779.0,	0.0,	1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated

*** 07/29/11
 *** 12:00:41
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**MODELOPTs:

CONC URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(408578.4, 3758754.0,	0.0,	1.5);	(408578.1, 3758729.0,	0.0,	1.5);
(408567.8, 3758707.5,	0.0,	1.5);	(408550.7, 3758689.5,	0.0,	1.5);
(408533.6, 3758671.3,	0.0,	1.5);	(408513.8, 3758658.5,	0.0,	1.5);
(408488.8, 3758658.8,	0.0,	1.5);	(408463.8, 3758659.3,	0.0,	1.5);
(408438.8, 3758659.8,	0.0,	1.5);	(408413.8, 3758660.3,	0.0,	1.5);
(408388.8, 3758660.5,	0.0,	1.5);	(408363.8, 3758661.0,	0.0,	1.5);
(408338.8, 3758661.5,	0.0,	1.5);	(408313.8, 3758662.0,	0.0,	1.5);
(408288.8, 3758662.5,	0.0,	1.5);	(408263.8, 3758662.8,	0.0,	1.5);
(408238.8, 3758663.3,	0.0,	1.5);	(408213.8, 3758663.8,	0.0,	1.5);
(408188.8, 3758664.3,	0.0,	1.5);	(408163.8, 3758664.5,	0.0,	1.5);
(408138.8, 3758665.0,	0.0,	1.5);	(408113.8, 3758665.5,	0.0,	1.5);
(408088.8, 3758666.0,	0.0,	1.5);	(408063.8, 3758666.3,	0.0,	1.5);
(408038.8, 3758666.8,	0.0,	1.5);	(408013.8, 3758667.3,	0.0,	1.5);
(407988.8, 3758667.8,	0.0,	1.5);	(407963.8, 3758668.3,	0.0,	1.5);
(407938.8, 3758668.5,	0.0,	1.5);	(407913.9, 3758669.0,	0.0,	1.5);
(407888.9, 3758669.5,	0.0,	1.5);	(407863.9, 3758670.0,	0.0,	1.5);
(407838.9, 3758670.3,	0.0,	1.5);	(407813.9, 3758670.8,	0.0,	1.5);
(407788.9, 3758671.3,	0.0,	1.5);	(407763.9, 3758671.8,	0.0,	1.5);
(407738.9, 3758672.3,	0.0,	1.5);	(407713.9, 3758672.5,	0.0,	1.5);
(407688.9, 3758673.0,	0.0,	1.5);	(407663.9, 3758673.5,	0.0,	1.5);
(407638.9, 3758674.0,	0.0,	1.5);	(407613.9, 3758674.3,	0.0,	1.5);
(407588.9, 3758674.8,	0.0,	1.5);	(407563.9, 3758675.3,	0.0,	1.5);
(407538.9, 3758675.8,	0.0,	1.5);	(407513.9, 3758676.3,	148.4,	1.5);
(407488.9, 3758676.8,	153.9,	1.5);	(407464.0, 3758678.0,	155.0,	1.5);
(407439.0, 3758679.3,	154.8,	1.5);	(407414.0, 3758680.8,	152.1,	1.5);
(407389.1, 3758682.0,	149.9,	1.5);	(407364.1, 3758683.3,	147.4,	1.5);
(407339.1, 3758684.8,	144.2,	1.5);	(407314.2, 3758686.0,	141.5,	1.5);
(407289.2, 3758687.3,	139.9,	1.5);	(407264.2, 3758688.8,	137.3,	1.5);
(407239.3, 3758690.0,	135.7,	1.5);	(407214.3, 3758691.3,	133.9,	1.5);
(407189.3, 3758692.8,	128.4,	1.5);	(407164.4, 3758694.0,	122.0,	1.5);
(407139.4, 3758695.3,	116.4,	1.5);	(407114.4, 3758696.5,	115.0,	1.5);
(407089.5, 3758698.0,	117.0,	1.5);	(407065.7, 3758703.5,	120.1,	1.5);
(407045.1, 3758717.8,	122.0,	1.5);	(407024.6, 3758731.8,	123.0,	1.5);
(407004.0, 3758746.0,	123.8,	1.5);	(406983.5, 3758760.3,	125.2,	1.5);
(406962.9, 3758774.5,	126.6,	1.5);	(406942.4, 3758788.8,	127.1,	1.5);
(406921.8, 3758803.0,	127.6,	1.5);	(406901.3, 3758817.3,	127.1,	1.5);
(406883.9, 3758804.5,	124.4,	1.5);	(406866.5, 3758786.5,	124.2,	1.5);
(406849.1, 3758768.5,	124.7,	1.5);	(406828.8, 3758753.8,	123.2,	1.5);
(406808.6, 3758739.0,	122.3,	1.5);	(406788.4, 3758724.5,	120.0,	1.5);
(406768.1, 3758709.8,	118.3,	1.5);	(406747.9, 3758695.0,	116.8,	1.5);
(406730.0, 3758678.5,	116.0,	1.5);	(406718.0, 3758656.8,	115.8,	1.5);

Appendix B

PM 24 hour Emissions Mitigated

(406705.9, 3758634.8, 115.0, 1.5);	(406693.9, 3758612.8, 112.8, 1.5);
(406681.8, 3758591.0, 111.2, 1.5);	(406667.5, 3758575.5, 110.0, 1.5);
(406646.6, 3758589.3, 110.0, 1.5);	(406625.6, 3758603.0, 111.0, 1.5);
(406625.5, 3758621.5, 111.4, 1.5);	(406639.1, 3758642.5, 111.5, 1.5);

• *** ISCS T3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated

*** 07/29/11
 *** 12:00:41
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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406652.7, 3758663.5, 112.8, 1.5);	(406666.3, 3758684.5, 113.8, 1.5);
(406679.8, 3758705.5, 115.7, 1.5);	(406693.4, 3758726.5, 116.5, 1.5);
(406707.0, 3758747.5, 117.0, 1.5);	(406720.8, 3758768.0, 117.0, 1.5);
(406700.3, 3758782.0, 118.9, 1.5);	(406681.7, 3758797.3, 119.9, 1.5);
(406695.6, 3758818.0, 120.0, 1.5);	(406709.5, 3758839.0, 121.1, 1.5);
(406723.4, 3758859.8, 121.7, 1.5);	(406737.3, 3758880.5, 122.2, 1.5);
(406756.8, 3758895.5, 122.7, 1.5);	(406778.3, 3758908.5, 124.1, 1.5);
(406799.7, 3758921.3, 126.3, 1.5);	(406821.2, 3758934.3, 126.9, 1.5);
(406831.0, 3758956.3, 127.7, 1.5);	(406839.8, 3758979.8, 128.2, 1.5);
(406848.5, 3759003.3, 131.2, 1.5);	(406844.1, 3759021.8, 134.1, 1.5);
(406823.4, 3759035.8, 139.6, 1.5);	(406802.6, 3759049.8, 140.4, 1.5);
(406781.9, 3759063.8, 140.6, 1.5);	(406761.2, 3759077.8, 141.0, 1.5);
(406740.4, 3759091.5, 135.8, 1.5);	(406747.5, 3759112.5, 136.4, 1.5);
(406760.2, 3759134.0, 137.4, 1.5);	(406747.8, 3759150.0, 134.5, 1.5);
(406732.2, 3759166.5, 133.0, 1.5);	(406714.7, 3759177.0, 134.0, 1.5);
(406693.6, 3759190.5, 135.7, 1.5);	(406672.5, 3759204.0, 136.6, 1.5);
(406651.4, 3759217.3, 137.9, 1.5);	(406630.3, 3759230.8, 138.3, 1.5);
(406609.3, 3759244.3, 138.6, 1.5);	(406588.2, 3759257.8, 138.8, 1.5);
(406567.1, 3759271.0, 138.2, 1.5);	(406546.0, 3759284.5, 138.7, 1.5);
(406524.9, 3759298.0, 139.0, 1.5);	(406503.8, 3759311.5, 138.6, 1.5);
(406482.8, 3759324.8, 138.8, 1.5);	(406461.7, 3759338.3, 139.2, 1.5);
(406440.6, 3759351.8, 139.4, 1.5);	(406419.5, 3759365.3, 140.0, 1.5);
(406398.4, 3759378.5, 142.1, 1.5);	(406377.0, 3759392.3, 145.2, 1.5);
(406375.7, 3759417.3, 145.8, 1.5);	(406374.3, 3759442.3, 147.8, 1.5);
(406372.9, 3759467.3, 148.7, 1.5);	(406351.5, 3759469.5, 153.7, 1.5);
(406326.5, 3759468.8, 156.4, 1.5);	(406301.6, 3759468.0, 157.9, 1.5);
(406276.6, 3759467.3, 156.6, 1.5);	(406251.6, 3759466.5, 155.1, 1.5);
(406226.6, 3759465.8, 154.5, 1.5);	(406201.6, 3759465.0, 152.2, 1.5);
(406176.6, 3759464.3, 144.0, 1.5);	(406171.3, 3759484.5, 138.1, 1.5);
(406171.6, 3759509.5, 134.5, 1.5);	(406171.9, 3759534.5, 135.8, 1.5);
(406172.2, 3759559.5, 139.3, 1.5);	(406172.5, 3759584.5, 144.2, 1.5);
(406172.8, 3759609.5, 148.9, 1.5);	(406173.0, 3759634.5, 153.2, 1.5);
(406173.3, 3759659.5, 155.1, 1.5);	(406173.6, 3759684.5, 161.7, 1.5);
(406173.8, 3759709.5, 161.8, 1.5);	(406174.1, 3759734.5, 159.6, 1.5);
(406174.4, 3759759.5, 165.0, 1.5);	(406174.7, 3759784.5, 164.0, 1.5);
(406175.0, 3759809.5, 160.6, 1.5);	(406175.2, 3759834.5, 161.2, 1.5);
(406175.5, 3759859.5, 158.1, 1.5);	(406152.3, 3759859.5, 152.3, 1.5);
(406127.3, 3759859.0, 150.0, 1.5);	(406102.3, 3759858.3, 151.7, 1.5);
(406077.4, 3759857.5, 167.1, 1.5);	(406052.4, 3759856.8, 183.9, 1.5);
(406041.3, 3759871.0, 182.3, 1.5);	(406041.6, 3759896.0, 181.5, 1.5);
(406041.8, 3759921.0, 180.7, 1.5);	(406042.1, 3759946.0, 198.9, 1.5);
(406042.4, 3759971.0, 210.3, 1.5);	(406067.3, 3759972.5, 206.4, 1.5);
(406092.3, 3759973.5, 197.1, 1.5);	(406117.3, 3759974.3, 181.6, 1.5);
(406142.3, 3759975.0, 167.6, 1.5);	(406167.3, 3759975.8, 152.9, 1.5);
(406187.2, 3759980.8, 154.5, 1.5);	(406187.4, 3760005.8, 155.0, 1.5);

• *** ISCS T3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated

*** 07/29/11
 *** 12:00:41
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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406187.7, 3760030.8, 156.3, 1.5);	(406188.0, 3760055.8, 159.2, 1.5);
(406188.3, 3760080.8, 168.7, 1.5);	(406188.5, 3760105.8, 184.7, 1.5);
(406188.8, 3760130.8, 184.8, 1.5);	(406189.1, 3760155.8, 177.6, 1.5);
(406189.3, 3760180.8, 189.5, 1.5);	(406189.6, 3760205.8, 203.7, 1.5);
(406189.9, 3760230.8, 214.5, 1.5);	(406190.1, 3760255.5, 217.2, 1.5);
(406198.2, 3760273.8, 216.3, 1.5);	(406223.2, 3760274.5, 222.0, 1.5);
(406248.2, 3760275.3, 221.6, 1.5);	(406270.6, 3760282.0, 219.7, 1.5);

Appendix B

PM 24 hour Emissions Mitigated

(406289.8, 3760298.3, 219.2, 1.5);	(406308.9, 3760314.3, 229.1, 1.5);
(406328.1, 3760330.3, 234.6, 1.5);	(406347.3, 3760346.3, 239.6, 1.5);
(406366.4, 3760362.3, 239.2, 1.5);	(406385.6, 3760378.5, 231.6, 1.5);
(406404.8, 3760394.5, 232.6, 1.5);	(406423.9, 3760410.5, 231.4, 1.5);
(406438.6, 3760430.5, 241.2, 1.5);	(406453.1, 3760451.0, 251.2, 1.5);
(406464.5, 3760468.5, 257.6, 1.5);	(406439.7, 3760465.8, 258.3, 1.5);
(406414.8, 3760462.8, 259.4, 1.5);	(406390.3, 3760458.3, 259.9, 1.5);
(406366.0, 3760452.8, 258.2, 1.5);	(406354.5, 3760461.8, 257.9, 1.5);
(406362.3, 3760484.3, 243.0, 1.5);	(406383.8, 3760497.0, 241.5, 1.5);
(406405.2, 3760509.8, 241.7, 1.5);	(406422.6, 3760527.5, 238.0, 1.5);
(406440.1, 3760545.5, 239.7, 1.5);	(406459.6, 3760554.3, 253.9, 1.5);
(406482.2, 3760543.5, 262.8, 1.5);	(406504.8, 3760532.8, 271.7, 1.5);
(406527.3, 3760522.0, 276.6, 1.5);	(406549.9, 3760511.3, 280.4, 1.5);
(406572.5, 3760500.5, 285.3, 1.5);	(406596.6, 3760494.8, 289.0, 1.5);
(406621.1, 3760489.8, 289.3, 1.5);	(406645.0, 3760486.8, 298.0, 1.5);
(406667.1, 3760498.5, 299.9, 1.5);	(406684.1, 3760513.0, 295.6, 1.5);
(406685.7, 3760538.0, 290.1, 1.5);	(406687.4, 3760563.0, 286.9, 1.5);
(406689.1, 3760587.8, 282.9, 1.5);	(406690.7, 3760612.8, 276.2, 1.5);
(406692.4, 3760637.8, 274.7, 1.5);	(406694.1, 3760662.8, 278.7, 1.5);
(406695.7, 3760687.8, 282.5, 1.5);	(406694.0, 3760710.8, 283.4, 1.5);
(406675.7, 3760727.8, 282.9, 1.5);	(406657.3, 3760744.8, 283.2, 1.5);
(406638.9, 3760761.8, 279.8, 1.5);	(406620.6, 3760778.8, 277.1, 1.5);
(406600.1, 3760790.5, 277.5, 1.5);	(406575.3, 3760793.8, 278.5, 1.5);
(406550.5, 3760796.8, 277.8, 1.5);	(406525.7, 3760800.0, 277.4, 1.5);
(406500.9, 3760803.3, 276.6, 1.5);	(406478.0, 3760812.0, 274.0, 1.5);
(406457.2, 3760826.0, 272.4, 1.5);	(406436.4, 3760839.8, 271.5, 1.5);
(406415.5, 3760853.5, 268.9, 1.5);	(406392.3, 3760856.3, 265.3, 1.5);
(406367.4, 3760853.8, 265.3, 1.5);	(406342.5, 3760851.3, 264.1, 1.5);
(406317.7, 3760848.8, 263.7, 1.5);	(406292.8, 3760846.0, 263.4, 1.5);
(406267.9, 3760843.5, 265.9, 1.5);	(406244.1, 3760836.5, 269.2, 1.5);
(406220.3, 3760828.8, 269.6, 1.5);	(406196.6, 3760821.0, 268.7, 1.5);
(406172.8, 3760813.3, 265.3, 1.5);	(406149.1, 3760805.3, 264.3, 1.5);
(406125.3, 3760797.5, 263.1, 1.5);	(406105.6, 3760782.5, 263.0, 1.5);
(406085.9, 3760767.3, 256.3, 1.5);	(406083.4, 3760744.0, 256.3, 1.5);
(406083.9, 3760719.0, 255.4, 1.5);	(406084.4, 3760694.0, 251.2, 1.5);
(406073.8, 3760679.5, 248.3, 1.5);	(406048.8, 3760680.3, 246.6, 1.5);
(406023.8, 3760681.0, 232.8, 1.5);	(405998.8, 3760681.8, 214.4, 1.5);
(405973.8, 3760682.5, 199.1, 1.5);	(405948.8, 3760683.3, 197.3, 1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated

*** 07/29/11
 *** 12:00:41
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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(405923.9, 3760684.0, 196.6, 1.5);	(405898.9, 3760684.8, 184.5, 1.5);
(405873.9, 3760685.5, 171.3, 1.5);	(405848.9, 3760686.3, 163.7, 1.5);
(405823.9, 3760687.0, 160.4, 1.5);	(405798.9, 3760687.8, 159.0, 1.5);
(405774.5, 3760683.8, 159.9, 1.5);	(405749.6, 3760682.3, 165.4, 1.5);
(405724.6, 3760682.5, 167.4, 1.5);	(405699.6, 3760682.8, 163.0, 1.5);
(405674.6, 3760683.0, 166.0, 1.5);	(405649.6, 3760683.3, 169.5, 1.5);
(405632.1, 3760691.5, 173.8, 1.5);	(405632.8, 3760716.5, 179.1, 1.5);
(405633.5, 3760741.5, 182.7, 1.5);	(405634.2, 3760766.5, 183.9, 1.5);
(405634.9, 3760791.5, 183.9, 1.5);	(405635.6, 3760816.5, 184.3, 1.5);
(405636.3, 3760841.5, 187.3, 1.5);	(405637.1, 3760866.5, 192.6, 1.5);
(405637.8, 3760891.5, 199.6, 1.5);	(405638.5, 3760916.5, 200.7, 1.5);
(405639.2, 3760941.5, 199.9, 1.5);	(405639.9, 3760966.5, 200.9, 1.5);
(405644.1, 3760990.8, 204.4, 1.5);	(405653.3, 3761014.0, 207.7, 1.5);
(405653.8, 3761039.0, 212.0, 1.5);	(405654.2, 3761064.0, 215.5, 1.5);
(405654.5, 3761089.0, 219.1, 1.5);	(405672.8, 3761096.3, 219.9, 1.5);
(405697.8, 3761095.5, 220.6, 1.5);	(405722.8, 3761095.0, 219.9, 1.5);
(405747.8, 3761094.5, 219.5, 1.5);	(405772.8, 3761093.8, 220.2, 1.5);
(405797.8, 3761093.3, 221.3, 1.5);	(405822.8, 3761092.5, 216.9, 1.5);
(405847.8, 3761092.0, 201.0, 1.5);	(405872.8, 3761091.5, 206.4, 1.5);
(405897.7, 3761090.8, 213.4, 1.5);	(405922.7, 3761090.3, 217.4, 1.5);
(405947.7, 3761089.5, 220.6, 1.5);	(405972.7, 3761089.0, 218.1, 1.5);
(405997.7, 3761088.5, 212.4, 1.5);	(406022.7, 3761087.8, 208.1, 1.5);
(406047.7, 3761087.3, 226.8, 1.5);	(406072.7, 3761086.5, 247.3, 1.5);
(406097.7, 3761086.0, 247.3, 1.5);	(406122.7, 3761085.5, 233.6, 1.5);
(406147.7, 3761084.8, 218.9, 1.5);	(406172.7, 3761084.3, 224.4, 1.5);
(406197.7, 3761083.5, 227.7, 1.5);	(406222.7, 3761083.0, 224.3, 1.5);
(406247.6, 3761082.5, 211.2, 1.5);	(406272.6, 3761081.8, 211.8, 1.5);
(406297.6, 3761081.3, 218.6, 1.5);	(406322.6, 3761080.5, 228.8, 1.5);

Appendix B

PM 24 hour Emissions Mitigated

(406347.6, 3761080.0,	214.1,	1.5);	(406372.6, 3761079.5,	215.2,	1.5);
(406397.6, 3761078.8,	218.8,	1.5);	(406422.6, 3761078.3,	226.5,	1.5);
(406447.6, 3761077.5,	226.8,	1.5);	(406472.6, 3761077.0,	210.1,	1.5);
(406497.6, 3761076.5,	208.1,	1.5);	(406522.6, 3761075.8,	223.4,	1.5);
(406547.5, 3761075.3,	233.6,	1.5);	(406572.5, 3761074.5,	236.0,	1.5);
(406597.5, 3761074.0,	233.0,	1.5);	(406622.5, 3761073.5,	240.2,	1.5);
(406647.5, 3761072.8,	237.3,	1.5);	(406672.5, 3761072.3,	230.2,	1.5);
(406697.5, 3761071.5,	242.9,	1.5);	(406722.5, 3761071.0,	247.4,	1.5);
(406747.5, 3761070.5,	234.2,	1.5);	(406772.5, 3761069.8,	225.7,	1.5);
(406797.5, 3761069.3,	239.7,	1.5);	(406822.5, 3761068.5,	254.2,	1.5);
(406847.5, 3761068.0,	260.0,	1.5);	(406872.5, 3761067.5,	261.5,	1.5);
(406897.4, 3761066.8,	257.9,	1.5);	(406922.4, 3761066.3,	251.6,	1.5);
(406947.4, 3761065.5,	241.6,	1.5);	(406972.4, 3761065.0,	235.9,	1.5);
(406997.4, 3761064.5,	238.3,	1.5);	(407021.1, 3761061.8,	252.1,	1.5);
(407020.3, 3761036.8,	240.4,	1.5);	(407019.5, 3761011.8,	256.2,	1.5);
(407018.7, 3760986.8,	272.6,	1.5);	(407017.8, 3760961.8,	288.8,	1.5);
(407017.0, 3760936.8,	301.6,	1.5);	(407016.2, 3760911.8,	315.1,	1.5);

* *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41

**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 9
 CONC

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(407015.4, 3760886.8,	319.3,	1.5);	(407014.6, 3760861.8,	314.4,	1.5);
(407013.8, 3760836.8,	308.8,	1.5);	(407012.9, 3760811.8,	306.0,	1.5);
(407012.1, 3760787.0,	302.2,	1.5);	(407011.3, 3760762.0,	294.3,	1.5);
(407010.5, 3760737.0,	283.3,	1.5);	(407009.7, 3760712.0,	271.6,	1.5);
(407008.8, 3760687.0,	257.2,	1.5);	(407008.0, 3760662.0,	246.0,	1.5);
(407031.9, 3760661.5,	234.8,	1.5);	(407056.9, 3760661.3,	216.4,	1.5);
(407081.9, 3760661.3,	219.8,	1.5);	(407106.9, 3760661.0,	245.4,	1.5);
(407131.9, 3760660.8,	260.5,	1.5);	(407156.9, 3760660.5,	267.9,	1.5);
(407181.9, 3760660.3,	282.2,	1.5);	(407206.9, 3760660.0,	296.7,	1.5);
(407231.9, 3760660.0,	308.2,	1.5);	(407256.9, 3760659.8,	311.9,	1.5);
(407281.9, 3760659.5,	304.9,	1.5);	(407306.9, 3760659.3,	293.3,	1.5);
(407331.9, 3760659.0,	285.1,	1.5);	(407356.9, 3760659.0,	292.3,	1.5);
(407381.9, 3760658.8,	292.6,	1.5);	(407406.9, 3760658.5,	291.2,	1.5);
(407431.9, 3760658.3,	297.4,	1.5);	(407456.9, 3760658.0,	301.5,	1.5);
(407481.9, 3760657.8,	303.3,	1.5);	(407506.9, 3760657.8,	294.0,	1.5);
(407531.9, 3760657.5,	287.6,	1.5);	(407556.9, 3760657.3,	0.0,	1.5);
(407581.9, 3760657.0,	0.0,	1.5);	(407606.9, 3760656.8,	0.0,	1.5);
(407631.9, 3760656.8,	0.0,	1.5);	(407656.9, 3760656.5,	0.0,	1.5);
(407681.9, 3760656.3,	0.0,	1.5);	(407706.9, 3760656.0,	0.0,	1.5);
(407731.9, 3760655.8,	0.0,	1.5);	(407756.9, 3760655.5,	0.0,	1.5);
(407781.9, 3760655.5,	0.0,	1.5);	(407806.9, 3760655.3,	0.0,	1.5);
(407831.9, 3760655.0,	0.0,	1.5);	(407856.9, 3760654.8,	0.0,	1.5);
(407881.9, 3760654.5,	0.0,	1.5);	(407906.9, 3760654.3,	0.0,	1.5);
(407931.9, 3760654.3,	0.0,	1.5);	(407956.9, 3760654.0,	0.0,	1.5);
(407981.9, 3760653.8,	0.0,	1.5);	(408006.9, 3760653.5,	0.0,	1.5);
(408031.9, 3760653.3,	0.0,	1.5);	(408056.9, 3760653.3,	0.0,	1.5);
(408081.9, 3760653.0,	0.0,	1.5);	(408106.9, 3760652.8,	0.0,	1.5);
(408131.9, 3760652.5,	0.0,	1.5);	(408156.9, 3760652.3,	0.0,	1.5);
(408181.9, 3760652.0,	0.0,	1.5);	(408206.9, 3760652.0,	0.0,	1.5);
(408225.8, 3760645.0,	0.0,	1.5);	(408224.9, 3760620.0,	0.0,	1.5);
(408224.2, 3760595.0,	0.0,	1.5);	(408223.3, 3760570.0,	0.0,	1.5);
(408222.6, 3760545.0,	0.0,	1.5);	(408221.8, 3760520.0,	0.0,	1.5);
(408220.9, 3760495.0,	0.0,	1.5);	(408220.2, 3760470.0,	0.0,	1.5);
(408219.3, 3760445.0,	0.0,	1.5);	(408218.6, 3760420.0,	0.0,	1.5);
(408217.8, 3760395.0,	0.0,	1.5);	(408216.9, 3760370.0,	0.0,	1.5);
(408216.2, 3760345.0,	0.0,	1.5);	(408215.3, 3760320.0,	0.0,	1.5);
(408214.6, 3760295.0,	0.0,	1.5);	(408213.8, 3760270.0,	0.0,	1.5);
(408213.0, 3760245.3,	0.0,	1.5);	(408212.2, 3760220.3,	0.0,	1.5);
(408211.4, 3760195.3,	0.0,	1.5);	(408210.6, 3760170.3,	0.0,	1.5);
(408209.8, 3760145.3,	0.0,	1.5);	(408209.0, 3760120.3,	0.0,	1.5);
(408208.2, 3760095.3,	0.0,	1.5);	(408207.4, 3760070.3,	0.0,	1.5);
(408206.6, 3760045.3,	0.0,	1.5);	(408205.8, 3760020.3,	0.0,	1.5);
(408205.0, 3759995.3,	0.0,	1.5);	(408204.2, 3759970.3,	0.0,	1.5);
(408203.4, 3759945.3,	0.0,	1.5);	(408202.6, 3759920.3,	0.0,	1.5);
(408201.8, 3759895.3,	0.0,	1.5);	(408201.0, 3759870.3,	0.0,	1.5);

* *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41

**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 10
 CONC

Appendix B

PM 24 hour Emissions Mitigated

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(408201.6, 3759847.5,	0.0,	1.5);	(408226.6, 3759847.3,	0.0,	1.5);
(408251.6, 3759846.8,	0.0,	1.5);	(408276.6, 3759846.3,	0.0,	1.5);
(408301.6, 3759846.0,	0.0,	1.5);	(408326.6, 3759845.5,	0.0,	1.5);
(408351.6, 3759845.3,	0.0,	1.5);	(408376.6, 3759844.8,	0.0,	1.5);
(408401.6, 3759844.5,	0.0,	1.5);	(408426.6, 3759844.0,	0.0,	1.5);
(408451.5, 3759843.8,	0.0,	1.5);	(408476.5, 3759843.3,	0.0,	1.5);
(408501.5, 3759842.8,	0.0,	1.5);	(408526.5, 3759842.5,	0.0,	1.5);
(408551.5, 3759842.0,	0.0,	1.5);	(408576.5, 3759841.8,	0.0,	1.5);
(408601.5, 3759841.3,	0.0,	1.5);	(408626.5, 3759841.0,	0.0,	1.5);
(408651.5, 3759840.5,	0.0,	1.5);	(408676.5, 3759840.3,	0.0,	1.5);
(408701.5, 3759839.8,	0.0,	1.5);	(408726.5, 3759839.5,	0.0,	1.5);
(408751.5, 3759839.0,	0.0,	1.5);	(408776.5, 3759838.5,	0.0,	1.5);
(408801.5, 3759838.3,	0.0,	1.5);	(408826.5, 3759837.8,	0.0,	1.5);
(408851.5, 3759837.5,	0.0,	1.5);	(408876.5, 3759837.0,	0.0,	1.5);
(408901.5, 3759836.8,	0.0,	1.5);	(408926.5, 3759836.3,	0.0,	1.5);
(408951.5, 3759836.0,	0.0,	1.5);	(408976.5, 3759835.5,	0.0,	1.5);
(409001.5, 3759835.0,	0.0,	1.5);	(409026.5, 3759834.8,	0.0,	1.5);
(409051.5, 3759834.3,	0.0,	1.5);	(409076.5, 3759834.0,	0.0,	1.5);
(409101.5, 3759833.5,	0.0,	1.5);	(409126.5, 3759833.3,	0.0,	1.5);
(409151.5, 3759833.0,	0.0,	1.5);	(409176.5, 3759832.5,	0.0,	1.5);
(409201.5, 3759832.3,	0.0,	1.5);	(409226.5, 3759832.0,	0.0,	1.5);
(409251.5, 3759831.5,	0.0,	1.5);	(409276.4, 3759831.3,	0.0,	1.5);
(409301.4, 3759831.0,	0.0,	1.5);	(409326.4, 3759830.5,	0.0,	1.5);
(409351.4, 3759830.3,	0.0,	1.5);	(409376.4, 3759830.0,	0.0,	1.5);
(409401.4, 3759829.5,	0.0,	1.5);	(409426.4, 3759829.3,	0.0,	1.5);
(409451.4, 3759829.0,	0.0,	1.5);	(409476.4, 3759828.5,	0.0,	1.5);
(409501.4, 3759828.3,	0.0,	1.5);	(409526.4, 3759828.0,	0.0,	1.5);
(409551.4, 3759827.5,	0.0,	1.5);	(409576.4, 3759827.3,	0.0,	1.5);
(409601.4, 3759827.0,	0.0,	1.5);	(409626.4, 3759826.5,	0.0,	1.5);
(409651.4, 3759826.3,	0.0,	1.5);	(409676.4, 3759826.0,	0.0,	1.5);
(409700.9, 3759821.5,	0.0,	1.5);	(409724.6, 3759813.5,	0.0,	1.5);
(409748.3, 3759805.8,	0.0,	1.5);	(409772.0, 3759797.8,	0.0,	1.5);
(407390.9, 3759093.5,	138.5,	1.5);	(407365.1, 3759080.3,	138.6,	1.5);
(407339.8, 3759067.5,	139.9,	1.5);	(407316.6, 3759058.8,	141.3,	1.5);
(407283.2, 3759053.0,	144.3,	1.5);	(407252.9, 3759048.8,	145.0,	1.5);
(407225.7, 3759048.5,	145.0,	1.5);	(407197.0, 3759050.0,	143.7,	1.5);
(407179.0, 3759048.0,	141.9,	1.5);	(407162.8, 3759027.3,	140.9,	1.5);
(407144.1, 3759004.0,	138.4,	1.5);	(407126.5, 3758984.8,	135.1,	1.5);
(407105.8, 3758967.5,	133.6,	1.5);	(407088.2, 3758951.8,	133.5,	1.5);
(407069.5, 3758935.3,	133.2,	1.5);	(407049.3, 3758918.5,	132.9,	1.5);
(407036.3, 3758905.0,	131.9,	1.5);	(407039.7, 3758879.3,	133.0,	1.5);
(407046.7, 3758854.3,	130.9,	1.5);	(407052.5, 3758829.0,	130.0,	1.5);
(407055.9, 3758804.5,	128.7,	1.5);	(407059.2, 3758781.5,	127.0,	1.5);
(407066.3, 3758771.8,	126.4,	1.5);	(407073.9, 3758765.0,	125.1,	1.5);
(407083.1, 3758759.5,	124.1,	1.5);	(407094.4, 3758756.8,	124.0,	1.5);
• *** ISCST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT		
			*** ANALYSIS PEAK DAY 24hr PM emissions mitigated		
**MODELOPTs:	URBAN ELEV	FLGPOL	NOCALM		
CONC					

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(407109.3, 3758764.3,	124.6,	1.5);	(407134.6, 3758776.8,	124.4,	1.5);
(407157.8, 3758790.8,	125.3,	1.5);	(407181.6, 3758803.3,	126.5,	1.5);
(407205.4, 3758815.8,	127.4,	1.5);	(407230.7, 3758833.5,	129.5,	1.5);
(407254.0, 3758858.3,	130.5,	1.5);	(407272.7, 3758877.5,	130.6,	1.5);
(405962.5, 3758512.5,	92.0,	1.5);	(405962.5, 3758487.5,	91.0,	1.5);
(405962.5, 3758462.5,	91.0,	1.5);	(405962.5, 3758437.5,	91.0,	1.5);
(405962.5, 3758412.5,	90.3,	1.5);	(405962.5, 3758387.5,	90.3,	1.5);
(405962.5, 3758362.5,	90.0,	1.5);	(405962.5, 3758337.5,	90.0,	1.5);
(405962.5, 3758312.5,	90.0,	1.5);	(405962.5, 3758287.5,	90.0,	1.5);
(405962.5, 3758262.5,	90.0,	1.5);	(405962.5, 3758237.5,	89.2,	1.5);
(405962.5, 3758212.5,	89.1,	1.5);	(405962.5, 3758187.5,	89.0,	1.5);
(405962.5, 3758162.5,	89.0,	1.5);	(405962.5, 3758137.5,	88.3,	1.5);
(405987.5, 3758512.5,	92.8,	1.5);	(405987.5, 3758487.5,	92.0,	1.5);
(405987.5, 3758462.5,	91.3,	1.5);	(405987.5, 3758437.5,	91.0,	1.5);
(405987.5, 3758412.5,	91.0,	1.5);	(405987.5, 3758387.5,	91.0,	1.5);

Appendix B

PM 24 hour Emissions Mitigated

(405987.5, 3758362.5,	91.0,	1.5);	(405987.5, 3758337.5,	91.0,	1.5);
(405987.5, 3758312.5,	91.0,	1.5);	(405987.5, 3758287.5,	91.0,	1.5);
(405987.5, 3758262.5,	90.8,	1.5);	(405987.5, 3758237.5,	90.0,	1.5);
(405987.5, 3758212.5,	90.0,	1.5);	(405987.5, 3758187.5,	89.8,	1.5);
(405987.5, 3758162.5,	89.3,	1.5);	(405987.5, 3758137.5,	89.0,	1.5);
(406012.5, 3758512.5,	93.1,	1.5);	(406012.5, 3758487.5,	93.0,	1.5);
(406012.5, 3758462.5,	92.1,	1.5);	(406012.5, 3758437.5,	92.0,	1.5);
(406012.5, 3758412.5,	92.0,	1.5);	(406012.5, 3758387.5,	91.3,	1.5);
(406012.5, 3758362.5,	91.3,	1.5);	(406012.5, 3758337.5,	91.3,	1.5);
(406012.5, 3758312.5,	91.6,	1.5);	(406012.5, 3758287.5,	91.3,	1.5);
(406012.5, 3758262.5,	91.0,	1.5);	(406012.5, 3758237.5,	91.0,	1.5);
(406012.5, 3758212.5,	91.0,	1.5);	(406012.5, 3758187.5,	90.3,	1.5);
(406012.5, 3758162.5,	90.0,	1.5);	(406012.5, 3758137.5,	90.0,	1.5);
(406037.5, 3758512.5,	94.0,	1.5);	(406037.5, 3758487.5,	93.7,	1.5);
(406037.5, 3758462.5,	93.0,	1.5);	(406037.5, 3758437.5,	93.0,	1.5);
(406037.5, 3758412.5,	92.8,	1.5);	(406037.5, 3758387.5,	92.0,	1.5);
(406037.5, 3758362.5,	92.0,	1.5);	(406037.5, 3758337.5,	92.0,	1.5);
(406037.5, 3758312.5,	92.0,	1.5);	(406037.5, 3758287.5,	92.0,	1.5);
(406037.5, 3758262.5,	92.0,	1.5);	(406037.5, 3758237.5,	91.7,	1.5);
(406037.5, 3758212.5,	91.0,	1.5);	(406037.5, 3758187.5,	91.0,	1.5);
(406037.5, 3758162.5,	91.0,	1.5);	(406037.5, 3758137.5,	91.0,	1.5);
(406062.5, 3758512.5,	95.0,	1.5);	(406062.5, 3758487.5,	94.2,	1.5);
(406062.5, 3758462.5,	94.0,	1.5);	(406062.5, 3758437.5,	93.3,	1.5);
(406062.5, 3758412.5,	93.1,	1.5);	(406062.5, 3758387.5,	93.0,	1.5);
(406062.5, 3758362.5,	93.0,	1.5);	(406062.5, 3758337.5,	93.0,	1.5);
(406062.5, 3758312.5,	93.0,	1.5);	(406062.5, 3758287.5,	93.0,	1.5);
(406062.5, 3758262.5,	92.6,	1.5);	(406062.5, 3758237.5,	92.3,	1.5);
(406062.5, 3758212.5,	92.0,	1.5);	(406062.5, 3758187.5,	91.3,	1.5);
(406062.5, 3758162.5,	91.1,	1.5);	(406062.5, 3758137.5,	91.3,	1.5);
(406087.5, 3758512.5,	95.0,	1.5);	(406087.5, 3758487.5,	95.0,	1.5);

* *** ISCAST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT ***
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 07/29/11
 MODELOPTs: *
 CONC URBAN ELEV FLGPOL NOCALM PAGE 12

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406087.5, 3758462.5,	94.9,	1.5);	(406087.5, 3758437.5,	94.0,	1.5);
(406087.5, 3758412.5,	94.0,	1.5);	(406087.5, 3758387.5,	94.0,	1.5);
(406087.5, 3758362.5,	94.0,	1.5);	(406087.5, 3758337.5,	93.8,	1.5);
(406087.5, 3758312.5,	93.8,	1.5);	(406087.5, 3758287.5,	93.7,	1.5);
(406087.5, 3758262.5,	93.0,	1.5);	(406087.5, 3758237.5,	93.0,	1.5);
(406087.5, 3758212.5,	92.8,	1.5);	(406087.5, 3758187.5,	92.0,	1.5);
(406087.5, 3758162.5,	92.0,	1.5);	(406087.5, 3758137.5,	92.0,	1.5);
(406112.5, 3758512.5,	96.0,	1.5);	(406112.5, 3758487.5,	96.0,	1.5);
(406112.5, 3758462.5,	95.1,	1.5);	(406112.5, 3758437.5,	95.0,	1.5);
(406112.5, 3758412.5,	95.0,	1.5);	(406112.5, 3758387.5,	94.2,	1.5);
(406112.5, 3758362.5,	94.2,	1.5);	(406112.5, 3758337.5,	94.2,	1.5);
(406112.5, 3758312.5,	94.0,	1.5);	(406112.5, 3758287.5,	94.0,	1.5);
(406112.5, 3758262.5,	94.0,	1.5);	(406112.5, 3758237.5,	94.0,	1.5);
(406112.5, 3758212.5,	93.3,	1.5);	(406112.5, 3758187.5,	93.3,	1.5);
(406112.5, 3758162.5,	93.0,	1.5);	(406112.5, 3758137.5,	93.0,	1.5);
(406137.5, 3758512.5,	97.0,	1.5);	(406137.5, 3758487.5,	96.0,	1.5);
(406137.5, 3758462.5,	96.0,	1.5);	(406137.5, 3758437.5,	95.7,	1.5);
(406137.5, 3758412.5,	95.0,	1.5);	(406137.5, 3758387.5,	95.0,	1.5);
(406137.5, 3758362.5,	95.0,	1.5);	(406137.5, 3758337.5,	95.0,	1.5);
(406137.5, 3758312.5,	95.0,	1.5);	(406137.5, 3758287.5,	95.0,	1.5);
(406137.5, 3758262.5,	94.8,	1.5);	(406137.5, 3758237.5,	94.8,	1.5);
(406137.5, 3758212.5,	94.3,	1.5);	(406137.5, 3758187.5,	94.0,	1.5);
(406137.5, 3758162.5,	94.0,	1.5);	(406137.5, 3758137.5,	94.0,	1.5);
(406162.5, 3758512.5,	97.6,	1.5);	(406162.5, 3758487.5,	97.0,	1.5);
(406162.5, 3758462.5,	96.6,	1.5);	(406162.5, 3758437.5,	96.0,	1.5);
(406162.5, 3758412.5,	96.0,	1.5);	(406162.5, 3758387.5,	96.0,	1.5);
(406162.5, 3758362.5,	95.3,	1.5);	(406162.5, 3758337.5,	95.3,	1.5);
(406162.5, 3758312.5,	95.1,	1.5);	(406162.5, 3758287.5,	95.0,	1.5);
(406162.5, 3758262.5,	95.0,	1.5);	(406162.5, 3758237.5,	95.0,	1.5);
(406162.5, 3758212.5,	95.0,	1.5);	(406162.5, 3758187.5,	95.0,	1.5);
(406162.5, 3758162.5,	95.0,	1.5);	(406162.5, 3758137.5,	95.0,	1.5);
(406187.5, 3758512.5,	98.0,	1.5);	(406187.5, 3758487.5,	97.7,	1.5);
(406187.5, 3758462.5,	97.0,	1.5);	(406187.5, 3758437.5,	97.0,	1.5);
(406187.5, 3758412.5,	96.9,	1.5);	(406187.5, 3758387.5,	96.7,	1.5);
(406187.5, 3758362.5,	96.0,	1.5);	(406187.5, 3758337.5,	96.0,	1.5);
(406187.5, 3758312.5,	96.0,	1.5);	(406187.5, 3758287.5,	96.0,	1.5);

Appendix B

PM 24 hour Emissions Mitigated

```

( 406187.5, 3758262.5, 96.0, 1.5); ( 406187.5, 3758237.5, 96.0, 1.5);
( 406187.5, 3758212.5, 96.0, 1.5); ( 406187.5, 3758187.5, 96.0, 1.5);
( 406187.5, 3758162.5, 95.8, 1.5); ( 406187.5, 3758137.5, 95.0, 1.5);
( 406212.5, 3758512.5, 99.0, 1.5); ( 406212.5, 3758487.5, 98.3, 1.5);
( 406212.5, 3758462.5, 98.0, 1.5); ( 406212.5, 3758437.5, 98.0, 1.5);
( 406212.5, 3758412.5, 97.3, 1.5); ( 406212.5, 3758387.5, 97.0, 1.5);
( 406212.5, 3758362.5, 97.3, 1.5); ( 406212.5, 3758337.5, 97.0, 1.5);
( 406212.5, 3758312.5, 97.0, 1.5); ( 406212.5, 3758287.5, 97.0, 1.5);
( 406212.5, 3758262.5, 97.0, 1.5); ( 406212.5, 3758237.5, 97.0, 1.5);
. *** ISCS T3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT ***
*** ANALYSIS PEAK DAY 24hr PM emissions mitigated ***
**MODELOPTs:
CONC URBAN ELEV FLGPOL NOCALM
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)
( 406212.5, 3758212.5, 97.0, 1.5); ( 406212.5, 3758187.5, 97.0, 1.5);
( 406212.5, 3758162.5, 96.6, 1.5); ( 406212.5, 3758137.5, 96.0, 1.5);
( 406237.5, 3758512.5, 100.3, 1.5); ( 406237.5, 3758487.5, 99.8, 1.5);
( 406237.5, 3758462.5, 99.0, 1.5); ( 406237.5, 3758437.5, 98.7, 1.5);
( 406237.5, 3758412.5, 98.0, 1.5); ( 406237.5, 3758387.5, 98.0, 1.5);
( 406237.5, 3758362.5, 98.0, 1.5); ( 406237.5, 3758337.5, 97.7, 1.5);
( 406237.5, 3758312.5, 97.7, 1.5); ( 406237.5, 3758287.5, 97.7, 1.5);
( 406237.5, 3758262.5, 97.7, 1.5); ( 406237.5, 3758237.5, 97.7, 1.5);
( 406237.5, 3758212.5, 98.0, 1.5); ( 406237.5, 3758187.5, 98.0, 1.5);
( 406237.5, 3758162.5, 97.0, 1.5); ( 406237.5, 3758137.5, 97.0, 1.5);
( 406262.5, 3758512.5, 101.6, 1.5); ( 406262.5, 3758487.5, 101.0, 1.5);
( 406262.5, 3758462.5, 100.2, 1.5); ( 406262.5, 3758437.5, 99.9, 1.5);
( 406262.5, 3758412.5, 99.1, 1.5); ( 406262.5, 3758387.5, 99.0, 1.5);
( 406262.5, 3758362.5, 99.0, 1.5); ( 406262.5, 3758337.5, 98.3, 1.5);
( 406262.5, 3758312.5, 98.0, 1.5); ( 406262.5, 3758287.5, 98.0, 1.5);
( 406262.5, 3758262.5, 98.1, 1.5); ( 406262.5, 3758237.5, 98.3, 1.5);
( 406262.5, 3758212.5, 98.0, 1.5); ( 406262.5, 3758187.5, 98.0, 1.5);
( 406262.5, 3758162.5, 98.0, 1.5); ( 406262.5, 3758137.5, 97.0, 1.5);
( 406287.5, 3758512.5, 102.4, 1.5); ( 406287.5, 3758487.5, 102.0, 1.5);
( 406287.5, 3758462.5, 101.3, 1.5); ( 406287.5, 3758437.5, 100.8, 1.5);
( 406287.5, 3758412.5, 100.3, 1.5); ( 406287.5, 3758387.5, 100.0, 1.5);
( 406287.5, 3758362.5, 99.9, 1.5); ( 406287.5, 3758337.5, 99.7, 1.5);
( 406287.5, 3758312.5, 99.0, 1.5); ( 406287.5, 3758287.5, 99.0, 1.5);
( 406287.5, 3758262.5, 99.0, 1.5); ( 406287.5, 3758237.5, 99.0, 1.5);
( 406287.5, 3758212.5, 99.0, 1.5); ( 406287.5, 3758187.5, 98.0, 1.5);
( 406287.5, 3758162.5, 98.0, 1.5); ( 406287.5, 3758137.5, 98.0, 1.5);
( 406312.5, 3758512.5, 103.1, 1.5); ( 406312.5, 3758487.5, 102.3, 1.5);
( 406312.5, 3758462.5, 102.0, 1.5); ( 406312.5, 3758437.5, 102.0, 1.5);
( 406312.5, 3758412.5, 101.3, 1.5); ( 406312.5, 3758387.5, 101.0, 1.5);
( 406312.5, 3758362.5, 101.0, 1.5); ( 406312.5, 3758337.5, 100.2, 1.5);
( 406312.5, 3758312.5, 100.0, 1.5); ( 406312.5, 3758287.5, 100.0, 1.5);
( 406312.5, 3758262.5, 100.0, 1.5); ( 406312.5, 3758237.5, 100.0, 1.5);
( 406312.5, 3758212.5, 99.1, 1.5); ( 406312.5, 3758187.5, 99.0, 1.5);
( 406312.5, 3758162.5, 98.3, 1.5); ( 406312.5, 3758137.5, 98.0, 1.5);
( 406337.5, 3758512.5, 104.0, 1.5); ( 406337.5, 3758487.5, 103.0, 1.5);
( 406337.5, 3758462.5, 102.9, 1.5); ( 406337.5, 3758437.5, 102.7, 1.5);
( 406337.5, 3758412.5, 102.0, 1.5); ( 406337.5, 3758387.5, 102.0, 1.5);
( 406337.5, 3758362.5, 101.9, 1.5); ( 406337.5, 3758337.5, 101.0, 1.5);
( 406337.5, 3758312.5, 101.0, 1.5); ( 406337.5, 3758287.5, 100.0, 1.5);
( 406337.5, 3758262.5, 100.0, 1.5); ( 406337.5, 3758237.5, 100.0, 1.5);
( 406337.5, 3758212.5, 99.5, 1.5); ( 406337.5, 3758187.5, 99.0, 1.5);
( 406337.5, 3758162.5, 99.0, 1.5); ( 406337.5, 3758137.5, 98.9, 1.5);
( 406362.5, 3758512.5, 104.6, 1.5); ( 406362.5, 3758487.5, 104.0, 1.5);
( 406362.5, 3758462.5, 104.0, 1.5); ( 406362.5, 3758437.5, 103.3, 1.5);
( 406362.5, 3758412.5, 103.1, 1.5); ( 406362.5, 3758387.5, 103.0, 1.5);
. *** ISCS T3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT ***
*** ANALYSIS PEAK DAY 24hr PM emissions mitigated ***
**MODELOPTs:
CONC URBAN ELEV FLGPOL NOCALM
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)
( 406362.5, 3758362.5, 102.0, 1.5); ( 406362.5, 3758337.5, 102.0, 1.5);
( 406362.5, 3758312.5, 102.0, 1.5); ( 406362.5, 3758287.5, 101.0, 1.5);

```

Appendix B

PM 24 hour Emissions Mitigated

(406362.5, 3758262.5, 101.0, 1.5);	(406362.5, 3758237.5, 100.0, 1.5);
(406362.5, 3758212.5, 99.3, 1.5);	(406362.5, 3758187.5, 99.0, 1.5);
(406362.5, 3758162.5, 98.8, 1.5);	(406362.5, 3758137.5, 98.7, 1.5);
(406387.5, 3758512.5, 105.0, 1.5);	(406387.5, 3758487.5, 105.0, 1.5);
(406387.5, 3758462.5, 104.8, 1.5);	(406387.5, 3758437.5, 104.0, 1.5);
(406387.5, 3758412.5, 104.0, 1.5);	(406387.5, 3758387.5, 103.0, 1.5);
(406387.5, 3758362.5, 103.0, 1.5);	(406387.5, 3758337.5, 102.7, 1.5);
(406387.5, 3758312.5, 102.0, 1.5);	(406387.5, 3758287.5, 102.0, 1.5);
(406387.5, 3758262.5, 101.0, 1.5);	(406387.5, 3758237.5, 100.0, 1.5);
(406387.5, 3758212.5, 99.0, 1.5);	(406387.5, 3758187.5, 98.2, 1.5);
(406387.5, 3758162.5, 98.0, 1.5);	(406387.5, 3758137.5, 98.0, 1.5);
(406412.5, 3758512.5, 106.0, 1.5);	(406412.5, 3758487.5, 105.0, 1.5);
(406412.5, 3758462.5, 105.0, 1.5);	(406412.5, 3758437.5, 105.0, 1.5);
(406412.5, 3758412.5, 104.1, 1.5);	(406412.5, 3758387.5, 104.0, 1.5);
(406412.5, 3758362.5, 103.6, 1.5);	(406412.5, 3758337.5, 103.0, 1.5);
(406412.5, 3758312.5, 102.6, 1.5);	(406412.5, 3758287.5, 102.0, 1.5);
(406412.5, 3758262.5, 100.8, 1.5);	(406412.5, 3758237.5, 99.0, 1.5);
(406412.5, 3758212.5, 98.3, 1.5);	(406412.5, 3758187.5, 98.0, 1.5);
(406412.5, 3758162.5, 98.0, 1.5);	(406412.5, 3758137.5, 98.0, 1.5);
(406437.5, 3758512.5, 106.3, 1.5);	(406437.5, 3758487.5, 106.0, 1.5);
(406437.5, 3758462.5, 105.3, 1.5);	(406437.5, 3758437.5, 105.0, 1.5);
(406437.5, 3758412.5, 105.0, 1.5);	(406437.5, 3758387.5, 104.7, 1.5);
(406437.5, 3758362.5, 104.0, 1.5);	(406437.5, 3758337.5, 104.0, 1.5);
(406437.5, 3758312.5, 103.0, 1.5);	(406437.5, 3758287.5, 102.0, 1.5);
(406437.5, 3758262.5, 100.0, 1.5);	(406437.5, 3758237.5, 98.2, 1.5);
(406437.5, 3758212.5, 98.0, 1.5);	(406437.5, 3758187.5, 98.0, 1.5);
(406437.5, 3758162.5, 98.0, 1.5);	(406437.5, 3758137.5, 98.0, 1.5);
(406462.5, 3758512.5, 107.0, 1.5);	(406462.5, 3758487.5, 106.0, 1.5);
(406462.5, 3758462.5, 106.0, 1.5);	(406462.5, 3758437.5, 105.2, 1.5);
(406462.5, 3758412.5, 105.0, 1.5);	(406462.5, 3758387.5, 105.0, 1.5);
(406462.5, 3758362.5, 104.6, 1.5);	(406462.5, 3758337.5, 104.0, 1.5);
(406462.5, 3758312.5, 103.6, 1.5);	(406462.5, 3758287.5, 102.3, 1.5);
(406462.5, 3758262.5, 99.3, 1.5);	(406462.5, 3758237.5, 98.0, 1.5);
(406462.5, 3758212.5, 98.0, 1.5);	(406462.5, 3758187.5, 98.3, 1.5);
(406462.5, 3758162.5, 98.6, 1.5);	(406462.5, 3758137.5, 99.2, 1.5);
(406487.5, 3758512.5, 107.9, 1.5);	(406487.5, 3758487.5, 107.0, 1.5);
(406487.5, 3758462.5, 106.0, 1.5);	(406487.5, 3758437.5, 106.0, 1.5);
(406487.5, 3758412.5, 105.0, 1.5);	(406487.5, 3758387.5, 105.0, 1.5);
(406487.5, 3758362.5, 105.0, 1.5);	(406487.5, 3758337.5, 104.0, 1.5);
(406487.5, 3758312.5, 104.0, 1.5);	(406487.5, 3758287.5, 103.0, 1.5);
(406487.5, 3758262.5, 98.5, 1.5);	(406487.5, 3758237.5, 98.0, 1.5);
(406487.5, 3758212.5, 98.9, 1.5);	(406487.5, 3758187.5, 99.8, 1.5);
(406487.5, 3758162.5, 100.0, 1.5);	(406487.5, 3758137.5, 100.8, 1.5);

• *** ICSCT3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated

*** 07/29/11
 *** 12:00:41
 *** PAGE 15

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406512.5, 3758512.5, 108.0, 1.5);	(406512.5, 3758487.5, 107.0, 1.5);
(406512.5, 3758462.5, 106.0, 1.5);	(406512.5, 3758437.5, 105.0, 1.5);
(406512.5, 3758412.5, 105.0, 1.5);	(406512.5, 3758387.5, 105.0, 1.5);
(406512.5, 3758362.5, 104.3, 1.5);	(406512.5, 3758337.5, 104.0, 1.5);
(406512.5, 3758312.5, 103.2, 1.5);	(406512.5, 3758287.5, 100.9, 1.5);
(406512.5, 3758262.5, 98.0, 1.5);	(406512.5, 3758237.5, 98.6, 1.5);
(406512.5, 3758212.5, 101.9, 1.5);	(406512.5, 3758187.5, 102.0, 1.5);
(406512.5, 3758162.5, 102.0, 1.5);	(406512.5, 3758137.5, 102.0, 1.5);
(406537.5, 3758512.5, 108.4, 1.5);	(406537.5, 3758487.5, 107.0, 1.5);
(406537.5, 3758462.5, 106.0, 1.5);	(406537.5, 3758437.5, 105.0, 1.5);
(406537.5, 3758412.5, 105.0, 1.5);	(406537.5, 3758387.5, 104.2, 1.5);
(406537.5, 3758362.5, 103.6, 1.5);	(406537.5, 3758337.5, 103.0, 1.5);
(406537.5, 3758312.5, 102.4, 1.5);	(406537.5, 3758287.5, 101.7, 1.5);
(406537.5, 3758262.5, 102.0, 1.5);	(406537.5, 3758237.5, 104.7, 1.5);
(406537.5, 3758212.5, 103.8, 1.5);	(406537.5, 3758187.5, 103.0, 1.5);
(406537.5, 3758162.5, 102.4, 1.5);	(406537.5, 3758137.5, 102.0, 1.5);
(406562.5, 3758512.5, 108.6, 1.5);	(406562.5, 3758487.5, 107.0, 1.5);
(406562.5, 3758462.5, 105.8, 1.5);	(406562.5, 3758437.5, 105.0, 1.5);
(406562.5, 3758412.5, 104.0, 1.5);	(406562.5, 3758387.5, 103.0, 1.5);
(406562.5, 3758362.5, 103.0, 1.5);	(406562.5, 3758337.5, 103.0, 1.5);
(406562.5, 3758312.5, 103.3, 1.5);	(406562.5, 3758287.5, 104.0, 1.5);
(406562.5, 3758262.5, 104.6, 1.5);	(406562.5, 3758237.5, 105.0, 1.5);
(406562.5, 3758212.5, 104.2, 1.5);	(406562.5, 3758187.5, 104.0, 1.5);

Appendix B

				PM 24 hour Emissions Mitigated			
(406562.5, 3758162.5,	103.3,	1.5);	(406562.5, 3758137.5,	103.0,	1.5);		
(406587.5, 3758512.5,	109.0,	1.5);	(406587.5, 3758487.5,	107.2,	1.5);		
(406587.5, 3758462.5,	105.5,	1.5);	(406587.5, 3758437.5,	104.0,	1.5);		
(406587.5, 3758412.5,	104.0,	1.5);	(406587.5, 3758387.5,	103.7,	1.5);		
(406587.5, 3758362.5,	103.4,	1.5);	(406587.5, 3758337.5,	103.8,	1.5);		
(406587.5, 3758312.5,	104.9,	1.5);	(406587.5, 3758287.5,	105.0,	1.5);		
(406587.5, 3758262.5,	105.0,	1.5);	(406587.5, 3758237.5,	105.0,	1.5);		
(406587.5, 3758212.5,	105.0,	1.5);	(406587.5, 3758187.5,	104.8,	1.5);		
(406587.5, 3758162.5,	104.0,	1.5);	(406587.5, 3758137.5,	103.8,	1.5);		
(406612.5, 3758512.5,	109.0,	1.5);	(406612.5, 3758487.5,	107.0,	1.5);		
(406612.5, 3758462.5,	104.7,	1.5);	(406612.5, 3758437.5,	104.0,	1.5);		
(406612.5, 3758412.5,	104.0,	1.5);	(406612.5, 3758387.5,	103.3,	1.5);		
(406612.5, 3758362.5,	104.6,	1.5);	(406612.5, 3758337.5,	105.6,	1.5);		
(406612.5, 3758312.5,	106.4,	1.5);	(406612.5, 3758287.5,	106.3,	1.5);		
(406612.5, 3758262.5,	106.3,	1.5);	(406612.5, 3758237.5,	106.0,	1.5);		
(406612.5, 3758212.5,	105.6,	1.5);	(406612.5, 3758187.5,	105.0,	1.5);		
(406612.5, 3758162.5,	105.0,	1.5);	(406612.5, 3758137.5,	105.0,	1.5);		
(406637.5, 3758512.5,	108.1,	1.5);	(406637.5, 3758487.5,	107.0,	1.5);		
(406637.5, 3758462.5,	105.5,	1.5);	(406637.5, 3758437.5,	104.0,	1.5);		
(406637.5, 3758412.5,	104.4,	1.5);	(406637.5, 3758387.5,	105.8,	1.5);		
(406637.5, 3758362.5,	107.3,	1.5);	(406637.5, 3758337.5,	108.8,	1.5);		
(406637.5, 3758312.5,	108.8,	1.5);	(406637.5, 3758287.5,	108.0,	1.5);		

• *** ISCS73 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK DAY 24hr PM emissions mitigated

*** 07/29/11
*** 12:00:41
*** PAGE 16

**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406637.5, 3758262.5,	107.4,	1.5);	(406637.5, 3758237.5,	106.7,	1.5);
(406637.5, 3758212.5,	106.0,	1.5);	(406637.5, 3758187.5,	105.7,	1.5);
(406637.5, 3758162.5,	105.0,	1.5);	(406637.5, 3758137.5,	105.0,	1.5);
(406662.5, 3758512.5,	109.0,	1.5);	(406662.5, 3758487.5,	108.0,	1.5);
(406662.5, 3758462.5,	107.2,	1.5);	(406662.5, 3758437.5,	107.3,	1.5);
(406662.5, 3758412.5,	108.3,	1.5);	(406662.5, 3758387.5,	108.3,	1.5);
(406662.5, 3758362.5,	109.2,	1.5);	(406662.5, 3758337.5,	110.0,	1.5);
(406662.5, 3758312.5,	109.6,	1.5);	(406662.5, 3758287.5,	109.0,	1.5);
(406662.5, 3758262.5,	108.0,	1.5);	(406662.5, 3758237.5,	107.3,	1.5);
(406662.5, 3758212.5,	107.0,	1.5);	(406662.5, 3758187.5,	106.0,	1.5);
(406662.5, 3758162.5,	106.0,	1.5);	(406662.5, 3758137.5,	105.0,	1.5);
(406687.5, 3758512.5,	109.0,	1.5);	(406687.5, 3758487.5,	109.0,	1.5);
(406687.5, 3758462.5,	109.0,	1.5);	(406687.5, 3758437.5,	109.8,	1.5);
(406687.5, 3758412.5,	110.0,	1.5);	(406687.5, 3758387.5,	109.8,	1.5);
(406687.5, 3758362.5,	110.4,	1.5);	(406687.5, 3758337.5,	110.7,	1.5);
(406687.5, 3758312.5,	110.0,	1.5);	(406687.5, 3758287.5,	109.0,	1.5);
(406687.5, 3758262.5,	108.4,	1.5);	(406687.5, 3758237.5,	108.0,	1.5);
(406687.5, 3758212.5,	107.0,	1.5);	(406687.5, 3758187.5,	107.0,	1.5);
(406687.5, 3758162.5,	106.0,	1.5);	(406687.5, 3758137.5,	105.0,	1.5);
(406712.5, 3758512.5,	109.0,	1.5);	(406712.5, 3758487.5,	109.3,	1.5);
(406712.5, 3758462.5,	110.0,	1.5);	(406712.5, 3758437.5,	110.2,	1.5);
(406712.5, 3758412.5,	111.0,	1.5);	(406712.5, 3758387.5,	111.0,	1.5);
(406712.5, 3758362.5,	111.0,	1.5);	(406712.5, 3758337.5,	110.9,	1.5);
(406712.5, 3758312.5,	110.0,	1.5);	(406712.5, 3758287.5,	109.0,	1.5);
(406712.5, 3758262.5,	109.0,	1.5);	(406712.5, 3758237.5,	108.0,	1.5);
(406712.5, 3758212.5,	108.0,	1.5);	(406712.5, 3758187.5,	107.0,	1.5);
(406712.5, 3758162.5,	106.1,	1.5);	(406712.5, 3758137.5,	105.0,	1.5);
(406737.5, 3758512.5,	109.5,	1.5);	(406737.5, 3758487.5,	110.0,	1.5);
(406737.5, 3758462.5,	110.9,	1.5);	(406737.5, 3758437.5,	111.0,	1.5);
(406737.5, 3758412.5,	111.4,	1.5);	(406737.5, 3758387.5,	111.8,	1.5);
(406737.5, 3758362.5,	112.0,	1.5);	(406737.5, 3758337.5,	111.0,	1.5);
(406737.5, 3758312.5,	110.3,	1.5);	(406737.5, 3758287.5,	110.0,	1.5);
(406737.5, 3758262.5,	109.0,	1.5);	(406737.5, 3758237.5,	109.0,	1.5);
(406737.5, 3758212.5,	108.0,	1.5);	(406737.5, 3758187.5,	107.0,	1.5);
(406737.5, 3758162.5,	106.0,	1.5);	(406737.5, 3758137.5,	105.0,	1.5);
(406762.5, 3758512.5,	110.0,	1.5);	(406762.5, 3758487.5,	111.0,	1.5);
(406762.5, 3758462.5,	111.3,	1.5);	(406762.5, 3758437.5,	112.0,	1.5);
(406762.5, 3758412.5,	112.0,	1.5);	(406762.5, 3758387.5,	112.0,	1.5);
(406762.5, 3758362.5,	112.3,	1.5);	(406762.5, 3758337.5,	112.0,	1.5);
(406762.5, 3758312.5,	111.1,	1.5);	(406762.5, 3758287.5,	110.2,	1.5);
(406762.5, 3758262.5,	110.0,	1.5);	(406762.5, 3758237.5,	109.0,	1.5);
(406762.5, 3758212.5,	108.6,	1.5);	(406762.5, 3758187.5,	107.0,	1.5);
(406762.5, 3758162.5,	106.0,	1.5);	(406762.5, 3758137.5,	105.0,	1.5);
(406787.5, 3758512.5,	110.0,	1.5);	(406787.5, 3758487.5,	111.0,	1.5);

Appendix B

PM 24 hour Emissions Mitigated

(406787.5, 3758462.5, 112.0, 1.5); (406787.5, 3758437.5, 112.7, 1.5);
 • *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41
 **MODELOPTs: PAGE 17
 CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406787.5, 3758412.5, 113.0, 1.5);	(406787.5, 3758387.5, 113.0, 1.5);
(406787.5, 3758362.5, 113.4, 1.5);	(406787.5, 3758337.5, 112.7, 1.5);
(406787.5, 3758312.5, 112.0, 1.5);	(406787.5, 3758287.5, 111.7, 1.5);
(406787.5, 3758262.5, 110.3, 1.5);	(406787.5, 3758237.5, 109.9, 1.5);
(406787.5, 3758212.5, 109.0, 1.5);	(406787.5, 3758187.5, 107.0, 1.5);
(406787.5, 3758162.5, 106.0, 1.5);	(406787.5, 3758137.5, 104.2, 1.5);
(406812.5, 3758512.5, 110.6, 1.5);	(406812.5, 3758487.5, 112.0, 1.5);
(406812.5, 3758462.5, 112.6, 1.5);	(406812.5, 3758437.5, 113.3, 1.5);
(406812.5, 3758412.5, 114.1, 1.5);	(406812.5, 3758387.5, 114.2, 1.5);
(406812.5, 3758362.5, 114.2, 1.5);	(406812.5, 3758337.5, 114.0, 1.5);
(406812.5, 3758312.5, 112.6, 1.5);	(406812.5, 3758287.5, 112.0, 1.5);
(406812.5, 3758262.5, 111.1, 1.5);	(406812.5, 3758237.5, 110.0, 1.5);
(406812.5, 3758212.5, 109.0, 1.5);	(406812.5, 3758187.5, 108.0, 1.5);
(406812.5, 3758162.5, 105.5, 1.5);	(406812.5, 3758137.5, 104.0, 1.5);
(406837.5, 3758512.5, 111.7, 1.5);	(406837.5, 3758487.5, 112.0, 1.5);
(406837.5, 3758462.5, 113.0, 1.5);	(406837.5, 3758437.5, 114.0, 1.5);
(406837.5, 3758412.5, 115.4, 1.5);	(406837.5, 3758387.5, 115.8, 1.5);
(406837.5, 3758362.5, 115.3, 1.5);	(406837.5, 3758337.5, 115.0, 1.5);
(406837.5, 3758312.5, 113.8, 1.5);	(406837.5, 3758287.5, 112.0, 1.5);
(406837.5, 3758262.5, 110.6, 1.5);	(406837.5, 3758237.5, 109.2, 1.5);
(406837.5, 3758212.5, 109.0, 1.5);	(406837.5, 3758187.5, 108.0, 1.5);
(406837.5, 3758162.5, 106.2, 1.5);	(406837.5, 3758137.5, 104.8, 1.5);
(406862.5, 3758512.5, 112.3, 1.5);	(406862.5, 3758487.5, 113.0, 1.5);
(406862.5, 3758462.5, 114.0, 1.5);	(406862.5, 3758437.5, 115.0, 1.5);
(406862.5, 3758412.5, 116.0, 1.5);	(406862.5, 3758387.5, 116.3, 1.5);
(406862.5, 3758362.5, 116.0, 1.5);	(406862.5, 3758337.5, 115.9, 1.5);
(406862.5, 3758312.5, 114.5, 1.5);	(406862.5, 3758287.5, 110.9, 1.5);
(406862.5, 3758262.5, 109.3, 1.5);	(406862.5, 3758237.5, 109.2, 1.5);
(406862.5, 3758212.5, 109.2, 1.5);	(406862.5, 3758187.5, 109.0, 1.5);
(406862.5, 3758162.5, 109.0, 1.5);	(406862.5, 3758137.5, 108.3, 1.5);
(406887.5, 3758512.5, 113.8, 1.5);	(406887.5, 3758487.5, 114.0, 1.5);
(406887.5, 3758462.5, 114.4, 1.5);	(406887.5, 3758437.5, 115.8, 1.5);
(406887.5, 3758412.5, 116.4, 1.5);	(406887.5, 3758387.5, 117.0, 1.5);
(406887.5, 3758362.5, 116.9, 1.5);	(406887.5, 3758337.5, 116.0, 1.5);
(406887.5, 3758312.5, 112.9, 1.5);	(406887.5, 3758287.5, 109.2, 1.5);
(406887.5, 3758262.5, 109.8, 1.5);	(406887.5, 3758237.5, 110.8, 1.5);
(406887.5, 3758212.5, 111.7, 1.5);	(406887.5, 3758187.5, 111.5, 1.5);
(406887.5, 3758162.5, 111.5, 1.5);	(406887.5, 3758137.5, 111.7, 1.5);
(406912.5, 3758512.5, 114.6, 1.5);	(406912.5, 3758487.5, 115.0, 1.5);
(406912.5, 3758462.5, 115.0, 1.5);	(406912.5, 3758437.5, 116.0, 1.5);
(406912.5, 3758412.5, 117.5, 1.5);	(406912.5, 3758387.5, 118.0, 1.5);
(406912.5, 3758362.5, 117.0, 1.5);	(406912.5, 3758337.5, 115.9, 1.5);
(406912.5, 3758312.5, 111.6, 1.5);	(406912.5, 3758287.5, 109.0, 1.5);
(406912.5, 3758262.5, 111.9, 1.5);	(406912.5, 3758237.5, 114.5, 1.5);
(406912.5, 3758212.5, 114.9, 1.5);	(406912.5, 3758187.5, 114.5, 1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41
 **MODELOPTs: PAGE 18
 CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406912.5, 3758162.5, 114.5, 1.5);	(406912.5, 3758137.5, 114.5, 1.5);
(406937.5, 3758512.5, 116.0, 1.5);	(406937.5, 3758487.5, 116.0, 1.5);
(406937.5, 3758462.5, 115.9, 1.5);	(406937.5, 3758437.5, 116.0, 1.5);
(406937.5, 3758412.5, 117.9, 1.5);	(406937.5, 3758387.5, 118.0, 1.5);
(406937.5, 3758362.5, 117.0, 1.5);	(406937.5, 3758337.5, 115.2, 1.5);
(406937.5, 3758312.5, 111.9, 1.5);	(406937.5, 3758287.5, 113.4, 1.5);
(406937.5, 3758262.5, 116.2, 1.5);	(406937.5, 3758237.5, 118.8, 1.5);
(406937.5, 3758212.5, 119.5, 1.5);	(406937.5, 3758187.5, 119.5, 1.5);
(406937.5, 3758162.5, 118.9, 1.5);	(406937.5, 3758137.5, 117.7, 1.5);
(406962.5, 3758512.5, 118.5, 1.5);	(406962.5, 3758487.5, 118.5, 1.5);

Appendix B

PM 24 hour Emissions Mitigated

(406962.5, 3758462.5, 118.5, 1.5);	(406962.5, 3758437.5, 118.3, 1.5);		
(406962.5, 3758412.5, 119.2, 1.5);	(406962.5, 3758387.5, 118.9, 1.5);		
(406962.5, 3758362.5, 116.3, 1.5);	(406962.5, 3758337.5, 114.9, 1.5);		
(406962.5, 3758312.5, 115.2, 1.5);	(406962.5, 3758287.5, 117.3, 1.5);		
(406962.5, 3758262.5, 121.1, 1.5);	(406962.5, 3758237.5, 122.3, 1.5);		
(406962.5, 3758212.5, 122.6, 1.5);	(406962.5, 3758187.5, 123.0, 1.5);		
(406962.5, 3758162.5, 121.4, 1.5);	(406962.5, 3758137.5, 118.9, 1.5);		
(406987.5, 3758512.5, 121.6, 1.5);	(406987.5, 3758487.5, 121.7, 1.5);		
(406987.5, 3758462.5, 120.8, 1.5);	(406987.5, 3758437.5, 120.8, 1.5);		
(406987.5, 3758412.5, 120.3, 1.5);	(406987.5, 3758387.5, 118.9, 1.5);		
(406987.5, 3758362.5, 116.0, 1.5);	(406987.5, 3758337.5, 115.0, 1.5);		
(406987.5, 3758312.5, 115.5, 1.5);	(406987.5, 3758287.5, 119.0, 1.5);		
(406987.5, 3758262.5, 122.9, 1.5);	(406987.5, 3758237.5, 123.0, 1.5);		
(406987.5, 3758212.5, 123.1, 1.5);	(406987.5, 3758187.5, 122.2, 1.5);		
(406987.5, 3758162.5, 119.3, 1.5);	(406987.5, 3758137.5, 116.2, 1.5);		
(407012.5, 3758512.5, 123.0, 1.5);	(407012.5, 3758487.5, 123.0, 1.5);		
(407012.5, 3758462.5, 123.0, 1.5);	(407012.5, 3758437.5, 122.3, 1.5);		
(407012.5, 3758412.5, 121.4, 1.5);	(407012.5, 3758387.5, 119.9, 1.5);		
(407012.5, 3758362.5, 118.2, 1.5);	(407012.5, 3758337.5, 118.5, 1.5);		
(407012.5, 3758312.5, 118.5, 1.5);	(407012.5, 3758287.5, 121.3, 1.5);		
(407012.5, 3758262.5, 122.7, 1.5);	(407012.5, 3758237.5, 122.0, 1.5);		
(407012.5, 3758212.5, 121.4, 1.5);	(407012.5, 3758187.5, 118.9, 1.5);		
(407012.5, 3758162.5, 115.6, 1.5);	(407012.5, 3758137.5, 115.5, 1.5);		
(407037.5, 3758512.5, 123.4, 1.5);	(407037.5, 3758487.5, 124.0, 1.5);		
(407037.5, 3758462.5, 123.8, 1.5);	(407037.5, 3758437.5, 123.7, 1.5);		
(407037.5, 3758412.5, 122.9, 1.5);	(407037.5, 3758387.5, 121.7, 1.5);		
(407037.5, 3758362.5, 121.7, 1.5);	(407037.5, 3758337.5, 122.7, 1.5);		
(407037.5, 3758312.5, 122.7, 1.5);	(407037.5, 3758287.5, 122.7, 1.5);		
(407037.5, 3758262.5, 122.0, 1.5);	(407037.5, 3758237.5, 121.2, 1.5);		
(407037.5, 3758212.5, 120.9, 1.5);	(407037.5, 3758187.5, 121.3, 1.5);		
(407037.5, 3758162.5, 121.5, 1.5);	(407037.5, 3758137.5, 121.5, 1.5);		
(407062.5, 3758512.5, 123.8, 1.5);	(407062.5, 3758487.5, 125.2, 1.5);		
(407062.5, 3758462.5, 125.2, 1.5);	(407062.5, 3758437.5, 125.2, 1.5);		
(407062.5, 3758412.5, 124.2, 1.5);	(407062.5, 3758387.5, 123.3, 1.5);		
(407062.5, 3758362.5, 123.3, 1.5);	(407062.5, 3758337.5, 124.0, 1.5);		
*** ISCSST3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT	***	07/29/11
	*** ANALYSIS PEAK DAY 24hr PM emissions mitigated	***	12:00:41
**MODELOPTs:			PAGE 19
CONC	URBAN ELEV	FLGPOL	NOCALM
	*** DISCRETE CARTESIAN RECEPTORS ***		
	(X-COORD, Y-COORD, ZELEV, ZFLAG)		
	(METERS)		
(407062.5, 3758312.5, 124.0, 1.5);	(407062.5, 3758287.5, 123.2, 1.5);		
(407062.5, 3758262.5, 122.6, 1.5);	(407062.5, 3758237.5, 122.0, 1.5);		
(407062.5, 3758212.5, 122.6, 1.5);	(407062.5, 3758187.5, 123.0, 1.5);		
(407062.5, 3758162.5, 123.0, 1.5);	(407062.5, 3758137.5, 123.0, 1.5);		
(407087.5, 3758512.5, 126.3, 1.5);	(407087.5, 3758487.5, 127.0, 1.5);		
(407087.5, 3758462.5, 127.7, 1.5);	(407087.5, 3758437.5, 126.9, 1.5);		
(407087.5, 3758412.5, 126.3, 1.5);	(407087.5, 3758387.5, 125.8, 1.5);		
(407087.5, 3758362.5, 125.8, 1.5);	(407087.5, 3758337.5, 125.8, 1.5);		
(407087.5, 3758312.5, 125.8, 1.5);	(407087.5, 3758287.5, 125.7, 1.5);		
(407087.5, 3758262.5, 124.8, 1.5);	(407087.5, 3758237.5, 123.7, 1.5);		
(407087.5, 3758212.5, 123.7, 1.5);	(407087.5, 3758187.5, 124.0, 1.5);		
(407087.5, 3758162.5, 124.0, 1.5);	(407087.5, 3758137.5, 124.0, 1.5);		
(407112.5, 3758512.5, 127.8, 1.5);	(407112.5, 3758487.5, 129.2, 1.5);		
(407112.5, 3758462.5, 129.2, 1.5);	(407112.5, 3758437.5, 129.2, 1.5);		
(407112.5, 3758412.5, 128.1, 1.5);	(407112.5, 3758387.5, 127.0, 1.5);		
(407112.5, 3758362.5, 127.0, 1.5);	(407112.5, 3758337.5, 127.0, 1.5);		
(407112.5, 3758312.5, 127.1, 1.5);	(407112.5, 3758287.5, 127.3, 1.5);		
(407112.5, 3758262.5, 127.1, 1.5);	(407112.5, 3758237.5, 126.2, 1.5);		
(407112.5, 3758212.5, 126.1, 1.5);	(407112.5, 3758187.5, 126.0, 1.5);		
(407112.5, 3758162.5, 125.2, 1.5);	(407112.5, 3758137.5, 124.2, 1.5);		
(407137.5, 3758512.5, 130.3, 1.5);	(407137.5, 3758487.5, 132.6, 1.5);		
(407137.5, 3758462.5, 132.6, 1.5);	(407137.5, 3758437.5, 130.8, 1.5);		
(407137.5, 3758412.5, 129.8, 1.5);	(407137.5, 3758387.5, 128.7, 1.5);		
(407137.5, 3758362.5, 128.0, 1.5);	(407137.5, 3758337.5, 128.7, 1.5);		
(407137.5, 3758312.5, 128.7, 1.5);	(407137.5, 3758287.5, 129.8, 1.5);		
(407137.5, 3758262.5, 128.8, 1.5);	(407137.5, 3758237.5, 128.7, 1.5);		
(407137.5, 3758212.5, 127.3, 1.5);	(407137.5, 3758187.5, 127.7, 1.5);		
(407137.5, 3758162.5, 127.7, 1.5);	(407137.5, 3758137.5, 126.7, 1.5);		
(407162.5, 3758512.5, 132.4, 1.5);	(407162.5, 3758487.5, 134.6, 1.5);		
(407162.5, 3758462.5, 136.0, 1.5);	(407162.5, 3758437.5, 133.2, 1.5);		
(407162.5, 3758412.5, 131.7, 1.5);	(407162.5, 3758387.5, 131.2, 1.5);		

Appendix B

PM 24 hour Emissions Mitigated

(407162.5, 3758362.5, 130.2, 1.5);	(407162.5, 3758337.5, 130.2, 1.5);
(407162.5, 3758312.5, 131.2, 1.5);	(407162.5, 3758287.5, 131.2, 1.5);
(407162.5, 3758262.5, 131.2, 1.5);	(407162.5, 3758237.5, 131.5, 1.5);
(407162.5, 3758212.5, 131.7, 1.5);	(407162.5, 3758187.5, 131.8, 1.5);
(407162.5, 3758162.5, 131.5, 1.5);	(407162.5, 3758137.5, 129.5, 1.5);
(407187.5, 3758512.5, 140.1, 1.5);	(407187.5, 3758487.5, 141.7, 1.5);
(407187.5, 3758462.5, 139.3, 1.5);	(407187.5, 3758437.5, 136.5, 1.5);
(407187.5, 3758412.5, 133.8, 1.5);	(407187.5, 3758387.5, 132.7, 1.5);
(407187.5, 3758362.5, 132.7, 1.5);	(407187.5, 3758337.5, 132.7, 1.5);
(407187.5, 3758312.5, 132.9, 1.5);	(407187.5, 3758287.5, 133.7, 1.5);
(407187.5, 3758262.5, 133.9, 1.5);	(407187.5, 3758237.5, 134.8, 1.5);
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(407187.5, 3758162.5, 136.9, 1.5);	(407187.5, 3758137.5, 134.5, 1.5);
(407212.5, 3758512.5, 142.0, 1.5);	(407212.5, 3758487.5, 142.3, 1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated

*** 07/29/11
 *** 12:00:41
 *** PAGE 20

**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(407212.5, 3758462.5, 141.1, 1.5);	(407212.5, 3758437.5, 140.9, 1.5);
(407212.5, 3758412.5, 137.7, 1.5);	(407212.5, 3758387.5, 135.2, 1.5);
(407212.5, 3758362.5, 135.1, 1.5);	(407212.5, 3758337.5, 135.0, 1.5);
(407212.5, 3758312.5, 135.1, 1.5);	(407212.5, 3758287.5, 135.2, 1.5);
(407212.5, 3758262.5, 136.1, 1.5);	(407212.5, 3758237.5, 137.0, 1.5);
(407212.5, 3758212.5, 139.8, 1.5);	(407212.5, 3758187.5, 141.0, 1.5);
(407212.5, 3758162.5, 140.5, 1.5);	(407212.5, 3758137.5, 136.9, 1.5);
(407237.5, 3758512.5, 143.0, 1.5);	(407237.5, 3758487.5, 143.7, 1.5);
(407237.5, 3758462.5, 143.7, 1.5);	(407237.5, 3758437.5, 142.7, 1.5);
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(407237.5, 3758262.5, 137.9, 1.5);	(407237.5, 3758237.5, 138.0, 1.5);
(407237.5, 3758212.5, 140.1, 1.5);	(407237.5, 3758187.5, 140.2, 1.5);
(407237.5, 3758162.5, 138.7, 1.5);	(407237.5, 3758137.5, 136.2, 1.5);
(407262.5, 3758512.5, 144.2, 1.5);	(407262.5, 3758487.5, 145.0, 1.5);
(407262.5, 3758462.5, 145.1, 1.5);	(407262.5, 3758437.5, 146.3, 1.5);
(407262.5, 3758412.5, 144.8, 1.5);	(407262.5, 3758387.5, 139.9, 1.5);
(407262.5, 3758362.5, 138.3, 1.5);	(407262.5, 3758337.5, 138.3, 1.5);
(407262.5, 3758312.5, 139.2, 1.5);	(407262.5, 3758287.5, 139.3, 1.5);
(407262.5, 3758262.5, 140.0, 1.5);	(407262.5, 3758237.5, 139.2, 1.5);
(407262.5, 3758212.5, 138.3, 1.5);	(407262.5, 3758187.5, 137.7, 1.5);
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(407287.5, 3758512.5, 146.3, 1.5);	(407287.5, 3758487.5, 145.8, 1.5);
(407287.5, 3758462.5, 146.9, 1.5);	(407287.5, 3758437.5, 147.7, 1.5);
(407287.5, 3758412.5, 146.9, 1.5);	(407287.5, 3758387.5, 142.5, 1.5);
(407287.5, 3758362.5, 139.3, 1.5);	(407287.5, 3758337.5, 140.0, 1.5);
(407287.5, 3758312.5, 140.8, 1.5);	(407287.5, 3758287.5, 141.0, 1.5);
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(407287.5, 3758212.5, 135.9, 1.5);	(407287.5, 3758187.5, 135.2, 1.5);
(407287.5, 3758162.5, 135.8, 1.5);	(407287.5, 3758137.5, 134.0, 1.5);
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(407312.5, 3758412.5, 147.9, 1.5);	(407312.5, 3758387.5, 144.9, 1.5);
(407312.5, 3758362.5, 140.6, 1.5);	(407312.5, 3758337.5, 140.0, 1.5);
(407312.5, 3758312.5, 140.8, 1.5);	(407312.5, 3758287.5, 140.7, 1.5);
(407312.5, 3758262.5, 139.2, 1.5);	(407312.5, 3758237.5, 135.7, 1.5);
(407312.5, 3758212.5, 133.7, 1.5);	(407312.5, 3758187.5, 133.7, 1.5);
(407312.5, 3758162.5, 135.0, 1.5);	(407312.5, 3758137.5, 135.2, 1.5);
(407337.5, 3758512.5, 153.3, 1.5);	(407337.5, 3758487.5, 152.9, 1.5);
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(407337.5, 3758312.5, 138.3, 1.5);	(407337.5, 3758287.5, 137.2, 1.5);
(407337.5, 3758262.5, 135.8, 1.5);	(407337.5, 3758237.5, 134.2, 1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated

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**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***

Appendix B

PM 24 hour Emissions Mitigated
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

Table with 8 columns: X-COORD, Y-COORD, ZELEV, ZFLAG, X-COORD, Y-COORD, ZELEV, ZFLAG. It lists 100 rows of coordinates and elevation values for emissions mitigation.

*** ISCST3 - VERSION 02035 *** WHITTIER MATRIX OIL PROJECT
**MODELOPTs: ** ANALYSIS PEAK DAY 24hr PM emissions mitigated
CONC URBAN ELEV FLGPOL NOCALM

*** 07/29/11
*** 12:00:41
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

Table with 8 columns: X-COORD, Y-COORD, ZELEV, ZFLAG, X-COORD, Y-COORD, ZELEV, ZFLAG. It lists 30 rows of coordinates and elevation values for discrete Cartesian receptors.

Appendix B

PM 24 hour Emissions Mitigated

(407537.5, 3758262.5, 0.0, 1.5);	(407537.5, 3758237.5, 0.0, 1.5);		
(407537.5, 3758212.5, 0.0, 1.5);	(407537.5, 3758187.5, 0.0, 1.5);		
(407537.5, 3758162.5, 0.0, 1.5);	(407537.5, 3758137.5, 0.0, 1.5);		
(407562.5, 3758512.5, 0.0, 1.5);	(407562.5, 3758487.5, 0.0, 1.5);		
(407562.5, 3758462.5, 0.0, 1.5);	(407562.5, 3758437.5, 0.0, 1.5);		
(407562.5, 3758412.5, 0.0, 1.5);	(407562.5, 3758387.5, 0.0, 1.5);		
(407562.5, 3758362.5, 0.0, 1.5);	(407562.5, 3758337.5, 0.0, 1.5);		
(407562.5, 3758312.5, 0.0, 1.5);	(407562.5, 3758287.5, 0.0, 1.5);		
(407562.5, 3758262.5, 0.0, 1.5);	(407562.5, 3758237.5, 0.0, 1.5);		
(407562.5, 3758212.5, 0.0, 1.5);	(407562.5, 3758187.5, 0.0, 1.5);		
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(407587.5, 3758462.5, 0.0, 1.5);	(407587.5, 3758437.5, 0.0, 1.5);		
(407587.5, 3758412.5, 0.0, 1.5);	(407587.5, 3758387.5, 0.0, 1.5);		
(407587.5, 3758362.5, 0.0, 1.5);	(407587.5, 3758337.5, 0.0, 1.5);		
(407587.5, 3758312.5, 0.0, 1.5);	(407587.5, 3758287.5, 0.0, 1.5);		
(407587.5, 3758262.5, 0.0, 1.5);	(407587.5, 3758237.5, 0.0, 1.5);		
(407587.5, 3758212.5, 0.0, 1.5);	(407587.5, 3758187.5, 0.0, 1.5);		
(407587.5, 3758162.5, 0.0, 1.5);	(407587.5, 3758137.5, 0.0, 1.5);		
(407612.5, 3758512.5, 0.0, 1.5);	(407612.5, 3758487.5, 0.0, 1.5);		
(407612.5, 3758462.5, 0.0, 1.5);	(407612.5, 3758437.5, 0.0, 1.5);		
(407612.5, 3758412.5, 0.0, 1.5);	(407612.5, 3758387.5, 0.0, 1.5);		
(407612.5, 3758362.5, 0.0, 1.5);	(407612.5, 3758337.5, 0.0, 1.5);		
(407612.5, 3758312.5, 0.0, 1.5);	(407612.5, 3758287.5, 0.0, 1.5);		
(407612.5, 3758262.5, 0.0, 1.5);	(407612.5, 3758237.5, 0.0, 1.5);		
(407612.5, 3758212.5, 0.0, 1.5);	(407612.5, 3758187.5, 0.0, 1.5);		
(407612.5, 3758162.5, 0.0, 1.5);	(407612.5, 3758137.5, 0.0, 1.5);		
* *** ISCST3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT	***	07/29/11
	*** ANALYSIS PEAK DAY 24hr PM emissions mitigated	***	12:00:41
**MODELOPTs:			PAGE 23
CONC	URBAN ELEV FLGPOL	NOCALM	
	*** DISCRETE CARTESIAN RECEPTORS ***		
	(X-COORD, Y-COORD, ZELEV, ZFLAG)		
	(METERS)		
(407637.5, 3758512.5, 0.0, 1.5);	(407637.5, 3758487.5, 0.0, 1.5);		
(407637.5, 3758462.5, 0.0, 1.5);	(407637.5, 3758437.5, 0.0, 1.5);		
(407637.5, 3758412.5, 0.0, 1.5);	(407637.5, 3758387.5, 0.0, 1.5);		
(407637.5, 3758362.5, 0.0, 1.5);	(407637.5, 3758337.5, 0.0, 1.5);		
(407637.5, 3758312.5, 0.0, 1.5);	(407637.5, 3758287.5, 0.0, 1.5);		
(407637.5, 3758262.5, 0.0, 1.5);	(407637.5, 3758237.5, 0.0, 1.5);		
(407637.5, 3758212.5, 0.0, 1.5);	(407637.5, 3758187.5, 0.0, 1.5);		
(407637.5, 3758162.5, 0.0, 1.5);	(407637.5, 3758137.5, 0.0, 1.5);		
(407662.5, 3758512.5, 0.0, 1.5);	(407662.5, 3758487.5, 0.0, 1.5);		
(407662.5, 3758462.5, 0.0, 1.5);	(407662.5, 3758437.5, 0.0, 1.5);		
(407662.5, 3758412.5, 0.0, 1.5);	(407662.5, 3758387.5, 0.0, 1.5);		
(407662.5, 3758362.5, 0.0, 1.5);	(407662.5, 3758337.5, 0.0, 1.5);		
(407662.5, 3758312.5, 0.0, 1.5);	(407662.5, 3758287.5, 0.0, 1.5);		
(407662.5, 3758262.5, 0.0, 1.5);	(407662.5, 3758237.5, 0.0, 1.5);		
(407662.5, 3758212.5, 0.0, 1.5);	(407662.5, 3758187.5, 0.0, 1.5);		
(407662.5, 3758162.5, 0.0, 1.5);	(407662.5, 3758137.5, 0.0, 1.5);		
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(407687.5, 3758462.5, 0.0, 1.5);	(407687.5, 3758437.5, 0.0, 1.5);		
(407687.5, 3758412.5, 0.0, 1.5);	(407687.5, 3758387.5, 0.0, 1.5);		
(407687.5, 3758362.5, 0.0, 1.5);	(407687.5, 3758337.5, 0.0, 1.5);		
(407687.5, 3758312.5, 0.0, 1.5);	(407687.5, 3758287.5, 0.0, 1.5);		
(407687.5, 3758262.5, 0.0, 1.5);	(407687.5, 3758237.5, 0.0, 1.5);		
(407687.5, 3758212.5, 0.0, 1.5);	(407687.5, 3758187.5, 0.0, 1.5);		
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(407712.5, 3758362.5, 0.0, 1.5);	(407712.5, 3758337.5, 0.0, 1.5);		
(407712.5, 3758312.5, 0.0, 1.5);	(407712.5, 3758287.5, 0.0, 1.5);		
(407712.5, 3758262.5, 0.0, 1.5);	(407712.5, 3758237.5, 0.0, 1.5);		
(407712.5, 3758212.5, 0.0, 1.5);	(407712.5, 3758187.5, 0.0, 1.5);		
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(407737.5, 3758412.5, 0.0, 1.5);	(407737.5, 3758387.5, 0.0, 1.5);		
(407737.5, 3758362.5, 0.0, 1.5);	(407737.5, 3758337.5, 0.0, 1.5);		
(407737.5, 3758312.5, 0.0, 1.5);	(407737.5, 3758287.5, 0.0, 1.5);		
(407737.5, 3758262.5, 0.0, 1.5);	(407737.5, 3758237.5, 0.0, 1.5);		
(407737.5, 3758212.5, 0.0, 1.5);	(407737.5, 3758187.5, 0.0, 1.5);		

Appendix B

PM 24 hour Emissions Mitigated

```
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( 407762.5, 3758362.5, 0.0, 1.5); ( 407762.5, 3758337.5, 0.0, 1.5);
( 407762.5, 3758312.5, 0.0, 1.5); ( 407762.5, 3758287.5, 0.0, 1.5);
• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT ***
*** ANALYSIS PEAK DAY 24hr PM emissions mitigated ***
**MODELOPTs: **
CONC URBAN ELEV FLGPOL NOCALM
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)
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( 407762.5, 3758262.5, 0.0, 1.5); ( 407762.5, 3758237.5, 0.0, 1.5);
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( 407862.5, 3758462.5, 0.0, 1.5); ( 407862.5, 3758437.5, 0.0, 1.5);
( 407862.5, 3758412.5, 0.0, 1.5); ( 407862.5, 3758387.5, 0.0, 1.5);
( 407862.5, 3758362.5, 0.0, 1.5); ( 407862.5, 3758337.5, 0.0, 1.5);
( 407862.5, 3758312.5, 0.0, 1.5); ( 407862.5, 3758287.5, 0.0, 1.5);
( 407862.5, 3758262.5, 0.0, 1.5); ( 407862.5, 3758237.5, 0.0, 1.5);
( 407862.5, 3758212.5, 0.0, 1.5); ( 407862.5, 3758187.5, 0.0, 1.5);
( 407862.5, 3758162.5, 0.0, 1.5); ( 407862.5, 3758137.5, 0.0, 1.5);
( 407887.5, 3758512.5, 0.0, 1.5); ( 407887.5, 3758487.5, 0.0, 1.5);
( 407887.5, 3758462.5, 0.0, 1.5); ( 407887.5, 3758437.5, 0.0, 1.5);
( 407887.5, 3758412.5, 0.0, 1.5); ( 407887.5, 3758387.5, 0.0, 1.5);
( 407887.5, 3758362.5, 0.0, 1.5); ( 407887.5, 3758337.5, 0.0, 1.5);
( 407887.5, 3758312.5, 0.0, 1.5); ( 407887.5, 3758287.5, 0.0, 1.5);
( 407887.5, 3758262.5, 0.0, 1.5); ( 407887.5, 3758237.5, 0.0, 1.5);
( 407887.5, 3758212.5, 0.0, 1.5); ( 407887.5, 3758187.5, 0.0, 1.5);
( 407887.5, 3758162.5, 0.0, 1.5); ( 407887.5, 3758137.5, 0.0, 1.5);
( 407912.5, 3758512.5, 0.0, 1.5); ( 407912.5, 3758487.5, 0.0, 1.5);
( 407912.5, 3758462.5, 0.0, 1.5); ( 407912.5, 3758437.5, 0.0, 1.5);
• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT ***
*** ANALYSIS PEAK DAY 24hr PM emissions mitigated ***
**MODELOPTs: **
CONC URBAN ELEV FLGPOL NOCALM
*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)
```

07/29/11
12:00:41
PAGE 25

Appendix B

PM 24 hour Emissions Mitigated

(407912.5, 3758162.5, 0.0, 1.5);	(407912.5, 3758137.5, 0.0, 1.5);	
(407937.5, 3758512.5, 0.0, 1.5);	(407937.5, 3758487.5, 0.0, 1.5);	
(407937.5, 3758462.5, 0.0, 1.5);	(407937.5, 3758437.5, 0.0, 1.5);	
(407937.5, 3758412.5, 0.0, 1.5);	(407937.5, 3758387.5, 0.0, 1.5);	
(407937.5, 3758362.5, 0.0, 1.5);	(407937.5, 3758337.5, 0.0, 1.5);	
(407937.5, 3758312.5, 0.0, 1.5);	(407937.5, 3758287.5, 0.0, 1.5);	
(407937.5, 3758262.5, 0.0, 1.5);	(407937.5, 3758237.5, 0.0, 1.5);	
(407937.5, 3758212.5, 0.0, 1.5);	(407937.5, 3758187.5, 0.0, 1.5);	
(407937.5, 3758162.5, 0.0, 1.5);	(407937.5, 3758137.5, 0.0, 1.5);	
(407962.5, 3758512.5, 0.0, 1.5);	(407962.5, 3758487.5, 0.0, 1.5);	
(407962.5, 3758462.5, 0.0, 1.5);	(407962.5, 3758437.5, 0.0, 1.5);	
(407962.5, 3758412.5, 0.0, 1.5);	(407962.5, 3758387.5, 0.0, 1.5);	
(407962.5, 3758362.5, 0.0, 1.5);	(407962.5, 3758337.5, 0.0, 1.5);	
(407962.5, 3758312.5, 0.0, 1.5);	(407962.5, 3758287.5, 0.0, 1.5);	
(407962.5, 3758262.5, 0.0, 1.5);	(407962.5, 3758237.5, 0.0, 1.5);	
(407962.5, 3758212.5, 0.0, 1.5);	(407962.5, 3758187.5, 0.0, 1.5);	
(407962.5, 3758162.5, 0.0, 1.5);	(407962.5, 3758137.5, 0.0, 1.5);	
(407987.5, 3758512.5, 0.0, 1.5);	(407987.5, 3758487.5, 0.0, 1.5);	
(407987.5, 3758462.5, 0.0, 1.5);	(407987.5, 3758437.5, 0.0, 1.5);	
(407987.5, 3758412.5, 0.0, 1.5);	(407987.5, 3758387.5, 0.0, 1.5);	
(407987.5, 3758362.5, 0.0, 1.5);	(407987.5, 3758337.5, 0.0, 1.5);	
(407987.5, 3758312.5, 0.0, 1.5);	(407987.5, 3758287.5, 0.0, 1.5);	
(407987.5, 3758262.5, 0.0, 1.5);	(407987.5, 3758237.5, 0.0, 1.5);	
(407987.5, 3758212.5, 0.0, 1.5);	(407987.5, 3758187.5, 0.0, 1.5);	
(407987.5, 3758162.5, 0.0, 1.5);	(407987.5, 3758137.5, 0.0, 1.5);	
(408012.5, 3758512.5, 0.0, 1.5);	(408012.5, 3758487.5, 0.0, 1.5);	
(408012.5, 3758462.5, 0.0, 1.5);	(408012.5, 3758437.5, 0.0, 1.5);	
(408012.5, 3758412.5, 0.0, 1.5);	(408012.5, 3758387.5, 0.0, 1.5);	
(408012.5, 3758362.5, 0.0, 1.5);	(408012.5, 3758337.5, 0.0, 1.5);	
(408012.5, 3758312.5, 0.0, 1.5);	(408012.5, 3758287.5, 0.0, 1.5);	
(408012.5, 3758262.5, 0.0, 1.5);	(408012.5, 3758237.5, 0.0, 1.5);	
(408012.5, 3758212.5, 0.0, 1.5);	(408012.5, 3758187.5, 0.0, 1.5);	
(408012.5, 3758162.5, 0.0, 1.5);	(408012.5, 3758137.5, 0.0, 1.5);	
(408037.5, 3758512.5, 0.0, 1.5);	(408037.5, 3758487.5, 0.0, 1.5);	
(408037.5, 3758462.5, 0.0, 1.5);	(408037.5, 3758437.5, 0.0, 1.5);	
(408037.5, 3758412.5, 0.0, 1.5);	(408037.5, 3758387.5, 0.0, 1.5);	
(408037.5, 3758362.5, 0.0, 1.5);	(408037.5, 3758337.5, 0.0, 1.5);	
(408037.5, 3758312.5, 0.0, 1.5);	(408037.5, 3758287.5, 0.0, 1.5);	
(408037.5, 3758262.5, 0.0, 1.5);	(408037.5, 3758237.5, 0.0, 1.5);	
(408037.5, 3758212.5, 0.0, 1.5);	(408037.5, 3758187.5, 0.0, 1.5);	
• *** ISCS3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT	*** 07/29/11
	*** ANALYSIS PEAK DAY 24hr PM emissions mitigated	*** 12:00:41
MODELOPTs:		* PAGE 26
CONC	URBAN ELEV FLGPOL	NOCALM
*** DISCRETE CARTESIAN RECEPTORS ***		
(X-COORD, Y-COORD, ZELEV, ZFLAG)		
(METERS)		
(408037.5, 3758162.5, 0.0, 1.5);	(408037.5, 3758137.5, 0.0, 1.5);	
(408062.5, 3758512.5, 0.0, 1.5);	(408062.5, 3758487.5, 0.0, 1.5);	
(408062.5, 3758462.5, 0.0, 1.5);	(408062.5, 3758437.5, 0.0, 1.5);	
(408062.5, 3758412.5, 0.0, 1.5);	(408062.5, 3758387.5, 0.0, 1.5);	
(408062.5, 3758362.5, 0.0, 1.5);	(408062.5, 3758337.5, 0.0, 1.5);	
(408062.5, 3758312.5, 0.0, 1.5);	(408062.5, 3758287.5, 0.0, 1.5);	
(408062.5, 3758262.5, 0.0, 1.5);	(408062.5, 3758237.5, 0.0, 1.5);	
(408062.5, 3758212.5, 0.0, 1.5);	(408062.5, 3758187.5, 0.0, 1.5);	
(408062.5, 3758162.5, 0.0, 1.5);	(408062.5, 3758137.5, 0.0, 1.5);	
(408087.5, 3758512.5, 0.0, 1.5);	(408087.5, 3758487.5, 0.0, 1.5);	
(408087.5, 3758462.5, 0.0, 1.5);	(408087.5, 3758437.5, 0.0, 1.5);	
(408087.5, 3758412.5, 0.0, 1.5);	(408087.5, 3758387.5, 0.0, 1.5);	
(408087.5, 3758362.5, 0.0, 1.5);	(408087.5, 3758337.5, 0.0, 1.5);	
(408087.5, 3758312.5, 0.0, 1.5);	(408087.5, 3758287.5, 0.0, 1.5);	
(408087.5, 3758262.5, 0.0, 1.5);	(408087.5, 3758237.5, 0.0, 1.5);	
(408087.5, 3758212.5, 0.0, 1.5);	(408087.5, 3758187.5, 0.0, 1.5);	
(408087.5, 3758162.5, 0.0, 1.5);	(408087.5, 3758137.5, 0.0, 1.5);	
(408112.5, 3758512.5, 0.0, 1.5);	(408112.5, 3758487.5, 0.0, 1.5);	
(408112.5, 3758462.5, 0.0, 1.5);	(408112.5, 3758437.5, 0.0, 1.5);	
(408112.5, 3758412.5, 0.0, 1.5);	(408112.5, 3758387.5, 0.0, 1.5);	
(408112.5, 3758362.5, 0.0, 1.5);	(408112.5, 3758337.5, 0.0, 1.5);	
(408112.5, 3758312.5, 0.0, 1.5);	(408112.5, 3758287.5, 0.0, 1.5);	
(408112.5, 3758262.5, 0.0, 1.5);	(408112.5, 3758237.5, 0.0, 1.5);	
(408112.5, 3758212.5, 0.0, 1.5);	(408112.5, 3758187.5, 0.0, 1.5);	
(408112.5, 3758162.5, 0.0, 1.5);	(408112.5, 3758137.5, 0.0, 1.5);	
(405962.5, 3758562.5, 93.0, 1.5);	(406012.5, 3758562.5, 94.6, 1.5);	

Appendix B

PM 24 hour Emissions Mitigated

(406062.5, 3758562.5, 95.6, 1.5);	(406112.5, 3758562.5, 97.0, 1.5);		
(406162.5, 3758562.5, 98.3, 1.5);	(406212.5, 3758562.5, 100.1, 1.5);		
(406262.5, 3758562.5, 102.3, 1.5);	(406312.5, 3758562.5, 104.1, 1.5);		
(406362.5, 3758562.5, 105.2, 1.5);	(406412.5, 3758562.5, 107.0, 1.5);		
(406462.5, 3758562.5, 108.1, 1.5);	(405962.5, 3760012.5, 228.9, 1.5);		
(405962.5, 3759962.5, 226.7, 1.5);	(405962.5, 3759912.5, 220.6, 1.5);		
(405962.5, 3759862.5, 203.9, 1.5);	(405962.5, 3759812.5, 193.4, 1.5);		
(405962.5, 3759762.5, 189.1, 1.5);	(405962.5, 3759712.5, 171.9, 1.5);		
(405962.5, 3759662.5, 164.7, 1.5);	(405962.5, 3759612.5, 159.7, 1.5);		
(405962.5, 3759562.5, 157.0, 1.5);	(405962.5, 3759512.5, 160.4, 1.5);		
(405962.5, 3759462.5, 159.7, 1.5);	(405962.5, 3759412.5, 153.9, 1.5);		
(405962.5, 3759362.5, 143.8, 1.5);	(405962.5, 3759312.5, 134.1, 1.5);		
(405962.5, 3759262.5, 124.2, 1.5);	(405962.5, 3759212.5, 116.4, 1.5);		
(405962.5, 3759162.5, 114.5, 1.5);	(405962.5, 3759112.5, 112.4, 1.5);		
(405962.5, 3759062.5, 110.0, 1.5);	(405962.5, 3759012.5, 108.6, 1.5);		
(405962.5, 3758962.5, 107.3, 1.5);	(405962.5, 3758912.5, 105.1, 1.5);		
(405962.5, 3758862.5, 103.6, 1.5);	(405962.5, 3758812.5, 102.0, 1.5);		
(405962.5, 3758762.5, 99.6, 1.5);	(405962.5, 3758712.5, 98.0, 1.5);		
(405962.5, 3758662.5, 96.1, 1.5);	(405962.5, 3758612.5, 95.0, 1.5);		
* *** ISCST3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT	***	07/29/11
MODELOPTs:	* ANALYSIS PEAK DAY 24hr PM emissions mitigated	***	12:00:41
CONC	URBAN ELEV FLGPOL		PAGE 27
	NOCALM		
	*** DISCRETE CARTESIAN RECEPTORS ***		
	(X-COORD, Y-COORD, ZELEV, ZFLAG)		
	(METERS)		
(406012.5, 3760012.5, 227.1, 1.5);	(406012.5, 3759962.5, 216.2, 1.5);		
(406012.5, 3759912.5, 200.3, 1.5);	(406012.5, 3759862.5, 198.9, 1.5);		
(406012.5, 3759812.5, 192.1, 1.5);	(406012.5, 3759762.5, 189.3, 1.5);		
(406012.5, 3759712.5, 185.9, 1.5);	(406012.5, 3759662.5, 166.7, 1.5);		
(406012.5, 3759612.5, 163.4, 1.5);	(406012.5, 3759562.5, 160.7, 1.5);		
(406012.5, 3759512.5, 160.8, 1.5);	(406012.5, 3759462.5, 155.5, 1.5);		
(406012.5, 3759412.5, 147.6, 1.5);	(406012.5, 3759362.5, 141.4, 1.5);		
(406012.5, 3759312.5, 133.4, 1.5);	(406012.5, 3759262.5, 127.0, 1.5);		
(406012.5, 3759212.5, 116.9, 1.5);	(406012.5, 3759162.5, 116.0, 1.5);		
(406012.5, 3759112.5, 114.1, 1.5);	(406012.5, 3759062.5, 111.6, 1.5);		
(406012.5, 3759012.5, 109.6, 1.5);	(406012.5, 3758962.5, 109.1, 1.5);		
(406012.5, 3758912.5, 107.1, 1.5);	(406012.5, 3758862.5, 104.5, 1.5);		
(406012.5, 3758812.5, 102.6, 1.5);	(406012.5, 3758762.5, 101.1, 1.5);		
(406012.5, 3758712.5, 99.0, 1.5);	(406012.5, 3758662.5, 97.0, 1.5);		
(406012.5, 3758612.5, 95.6, 1.5);	(406062.5, 3760012.5, 211.4, 1.5);		
(406062.5, 3759812.5, 167.0, 1.5);	(406062.5, 3759762.5, 164.6, 1.5);		
(406062.5, 3759712.5, 168.0, 1.5);	(406062.5, 3759662.5, 160.9, 1.5);		
(406062.5, 3759612.5, 160.0, 1.5);	(406062.5, 3759562.5, 151.0, 1.5);		
(406062.5, 3759512.5, 143.5, 1.5);	(406062.5, 3759462.5, 141.4, 1.5);		
(406062.5, 3759412.5, 136.6, 1.5);	(406062.5, 3759362.5, 131.2, 1.5);		
(406062.5, 3759312.5, 129.1, 1.5);	(406062.5, 3759262.5, 120.6, 1.5);		
(406062.5, 3759212.5, 119.6, 1.5);	(406062.5, 3759162.5, 118.0, 1.5);		
(406062.5, 3759112.5, 116.0, 1.5);	(406062.5, 3759062.5, 114.0, 1.5);		
(406062.5, 3759012.5, 112.3, 1.5);	(406062.5, 3758962.5, 111.0, 1.5);		
(406062.5, 3758912.5, 108.6, 1.5);	(406062.5, 3758862.5, 106.3, 1.5);		
(406062.5, 3758812.5, 104.5, 1.5);	(406062.5, 3758762.5, 102.1, 1.5);		
(406062.5, 3758712.5, 100.1, 1.5);	(406062.5, 3758662.5, 98.1, 1.5);		
(406062.5, 3758612.5, 97.0, 1.5);	(406112.5, 3760012.5, 187.6, 1.5);		
(406112.5, 3759812.5, 147.9, 1.5);	(406112.5, 3759762.5, 147.3, 1.5);		
(406112.5, 3759712.5, 145.7, 1.5);	(406112.5, 3759662.5, 143.9, 1.5);		
(406112.5, 3759612.5, 143.0, 1.5);	(406112.5, 3759562.5, 142.0, 1.5);		
(406112.5, 3759512.5, 140.7, 1.5);	(406112.5, 3759462.5, 131.5, 1.5);		
(406112.5, 3759412.5, 128.7, 1.5);	(406112.5, 3759362.5, 127.5, 1.5);		
(406112.5, 3759312.5, 127.3, 1.5);	(406112.5, 3759262.5, 125.7, 1.5);		
(406112.5, 3759212.5, 122.1, 1.5);	(406112.5, 3759162.5, 120.1, 1.5);		
(406112.5, 3759112.5, 118.1, 1.5);	(406112.5, 3759062.5, 116.0, 1.5);		
(406112.5, 3759012.5, 115.0, 1.5);	(406112.5, 3758962.5, 112.6, 1.5);		
(406112.5, 3758912.5, 110.6, 1.5);	(406112.5, 3758862.5, 108.6, 1.5);		
(406112.5, 3758812.5, 106.0, 1.5);	(406112.5, 3758762.5, 103.6, 1.5);		
(406112.5, 3758712.5, 101.6, 1.5);	(406112.5, 3758662.5, 99.6, 1.5);		
(406112.5, 3758612.5, 98.0, 1.5);	(406162.5, 3760012.5, 159.1, 1.5);		
(406162.5, 3759812.5, 152.2, 1.5);	(406162.5, 3759462.5, 135.8, 1.5);		
(406162.5, 3759412.5, 139.3, 1.5);	(406162.5, 3759362.5, 137.3, 1.5);		
(406162.5, 3759312.5, 136.2, 1.5);	(406162.5, 3759262.5, 128.6, 1.5);		
(406162.5, 3759212.5, 124.6, 1.5);	(406162.5, 3759162.5, 122.1, 1.5);		
* *** ISCST3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT	***	07/29/11
MODELOPTs:	* ANALYSIS PEAK DAY 24hr PM emissions mitigated	***	12:00:41

Appendix B

**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406162.5, 3759112.5, 120.0, 1.5);	(406162.5, 3759062.5, 118.0, 1.5);
(406162.5, 3759012.5, 116.6, 1.5);	(406162.5, 3758962.5, 115.1, 1.5);
(406162.5, 3758912.5, 112.0, 1.5);	(406162.5, 3758862.5, 110.0, 1.5);
(406162.5, 3758812.5, 107.4, 1.5);	(406162.5, 3758762.5, 104.6, 1.5);
(406162.5, 3758712.5, 102.4, 1.5);	(406162.5, 3758662.5, 101.0, 1.5);
(406162.5, 3758612.5, 99.2, 1.5);	(406212.5, 3759412.5, 147.3, 1.5);
(406212.5, 3759362.5, 144.6, 1.5);	(406212.5, 3759312.5, 138.4, 1.5);
(406212.5, 3759262.5, 132.1, 1.5);	(406212.5, 3759212.5, 126.6, 1.5);
(406212.5, 3759162.5, 123.6, 1.5);	(406212.5, 3759112.5, 121.6, 1.5);
(406212.5, 3759062.5, 120.0, 1.5);	(406212.5, 3759012.5, 117.6, 1.5);
(406212.5, 3758962.5, 116.0, 1.5);	(406212.5, 3758912.5, 113.1, 1.5);
(406212.5, 3758862.5, 110.6, 1.5);	(406212.5, 3758812.5, 108.4, 1.5);
(406212.5, 3758762.5, 105.1, 1.5);	(406212.5, 3758712.5, 103.1, 1.5);
(406212.5, 3758662.5, 102.0, 1.5);	(406212.5, 3758612.5, 101.1, 1.5);
(406262.5, 3759412.5, 152.2, 1.5);	(406262.5, 3759362.5, 144.2, 1.5);
(406262.5, 3759312.5, 138.1, 1.5);	(406262.5, 3759262.5, 134.1, 1.5);
(406262.5, 3759212.5, 128.4, 1.5);	(406262.5, 3759162.5, 125.5, 1.5);
(406262.5, 3759112.5, 123.0, 1.5);	(406262.5, 3759062.5, 121.0, 1.5);
(406262.5, 3759012.5, 118.0, 1.5);	(406262.5, 3758962.5, 116.0, 1.5);
(406262.5, 3758912.5, 113.4, 1.5);	(406262.5, 3758862.5, 110.5, 1.5);
(406262.5, 3758812.5, 108.4, 1.5);	(406262.5, 3758762.5, 106.0, 1.5);
(406262.5, 3758712.5, 104.6, 1.5);	(406262.5, 3758662.5, 103.1, 1.5);
(406262.5, 3758612.5, 102.6, 1.5);	(406312.5, 3759412.5, 155.0, 1.5);
(406312.5, 3759362.5, 149.0, 1.5);	(406312.5, 3759312.5, 139.7, 1.5);
(406312.5, 3759262.5, 135.5, 1.5);	(406312.5, 3759212.5, 130.5, 1.5);
(406312.5, 3759162.5, 126.6, 1.5);	(406312.5, 3759112.5, 123.4, 1.5);
(406312.5, 3759062.5, 121.0, 1.5);	(406312.5, 3759012.5, 118.4, 1.5);
(406312.5, 3758962.5, 115.5, 1.5);	(406312.5, 3758912.5, 113.0, 1.5);
(406312.5, 3758862.5, 111.0, 1.5);	(406312.5, 3758812.5, 109.0, 1.5);
(406312.5, 3758762.5, 107.0, 1.5);	(406312.5, 3758712.5, 105.1, 1.5);
(406312.5, 3758662.5, 104.6, 1.5);	(406312.5, 3758612.5, 104.2, 1.5);
(406362.5, 3759412.5, 148.7, 1.5);	(406362.5, 3759362.5, 146.9, 1.5);
(406362.5, 3759312.5, 139.4, 1.5);	(406362.5, 3759262.5, 134.3, 1.5);
(406362.5, 3759212.5, 131.0, 1.5);	(406362.5, 3759162.5, 127.1, 1.5);
(406362.5, 3759112.5, 124.1, 1.5);	(406362.5, 3759062.5, 121.4, 1.5);
(406362.5, 3759012.5, 118.6, 1.5);	(406362.5, 3758962.5, 116.0, 1.5);
(406362.5, 3758912.5, 113.4, 1.5);	(406362.5, 3758862.5, 110.3, 1.5);
(406362.5, 3758812.5, 108.7, 1.5);	(406362.5, 3758762.5, 107.6, 1.5);
(406362.5, 3758712.5, 107.0, 1.5);	(406362.5, 3758662.5, 106.6, 1.5);
(406362.5, 3758612.5, 106.0, 1.5);	(406412.5, 3759312.5, 138.0, 1.5);
(406412.5, 3759262.5, 135.0, 1.5);	(406412.5, 3759212.5, 131.6, 1.5);
(406412.5, 3759162.5, 127.4, 1.5);	(406412.5, 3759112.5, 124.4, 1.5);
(406412.5, 3759062.5, 121.8, 1.5);	(406412.5, 3759012.5, 119.5, 1.5);
(406412.5, 3758962.5, 116.4, 1.5);	(406412.5, 3758912.5, 113.4, 1.5);
(406412.5, 3758862.5, 109.3, 1.5);	(406412.5, 3758812.5, 108.6, 1.5);

• *** ISCSST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT ***
*** ANALYSIS PEAK DAY 24hr PM emissions mitigated ***

*** 07/29/11
*** 12:00:41
*** PAGE 29

**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406412.5, 3758762.5, 108.6, 1.5);	(406412.5, 3758712.5, 109.0, 1.5);
(406412.5, 3758662.5, 109.0, 1.5);	(406412.5, 3758612.5, 108.0, 1.5);
(406462.5, 3759312.5, 138.0, 1.5);	(406462.5, 3759262.5, 135.1, 1.5);
(406462.5, 3759212.5, 131.4, 1.5);	(406462.5, 3759162.5, 127.4, 1.5);
(406462.5, 3759112.5, 124.4, 1.5);	(406462.5, 3759062.5, 121.0, 1.5);
(406462.5, 3759012.5, 119.5, 1.5);	(406462.5, 3758962.5, 117.1, 1.5);
(406462.5, 3758912.5, 114.7, 1.5);	(406462.5, 3758862.5, 110.2, 1.5);
(406462.5, 3758812.5, 109.6, 1.5);	(406462.5, 3758762.5, 110.6, 1.5);
(406462.5, 3758712.5, 110.6, 1.5);	(406462.5, 3758662.5, 110.0, 1.5);
(406462.5, 3758612.5, 109.0, 1.5);	(406512.5, 3759262.5, 136.0, 1.5);
(406512.5, 3759212.5, 132.1, 1.5);	(406512.5, 3759162.5, 127.4, 1.5);
(406512.5, 3759112.5, 125.0, 1.5);	(406512.5, 3759062.5, 122.6, 1.5);
(406512.5, 3759012.5, 120.1, 1.5);	(406512.5, 3758962.5, 117.3, 1.5);

Appendix B

PM 24 hour Emissions Mitigated

(406512.5, 3758912.5, 115.5, 1.5);	(406512.5, 3758862.5, 113.3, 1.5);
(406512.5, 3758812.5, 114.2, 1.5);	(406512.5, 3758762.5, 113.6, 1.5);
(406512.5, 3758712.5, 113.0, 1.5);	(406512.5, 3758662.5, 112.0, 1.5);
(406512.5, 3758612.5, 110.6, 1.5);	(406537.5, 3758562.5, 110.0, 1.5);
(406562.5, 3759262.5, 137.4, 1.5);	(406562.5, 3759212.5, 133.6, 1.5);
(406562.5, 3759162.5, 129.7, 1.5);	(406562.5, 3759112.5, 126.6, 1.5);
(406562.5, 3759062.5, 124.0, 1.5);	(406562.5, 3759012.5, 121.4, 1.5);
(406562.5, 3758962.5, 116.7, 1.5);	(406562.5, 3758912.5, 116.3, 1.5);
(406562.5, 3758862.5, 117.3, 1.5);	(406562.5, 3758812.5, 117.0, 1.5);
(406562.5, 3758762.5, 116.0, 1.5);	(406562.5, 3758712.5, 115.0, 1.5);
(406562.5, 3758662.5, 113.6, 1.5);	(406562.5, 3758612.5, 112.0, 1.5);
(406587.5, 3758562.5, 110.5, 1.5);	(406612.5, 3759212.5, 136.4, 1.5);
(406612.5, 3759162.5, 132.6, 1.5);	(406612.5, 3759112.5, 128.6, 1.5);
(406612.5, 3759062.5, 125.5, 1.5);	(406612.5, 3759012.5, 121.4, 1.5);
(406612.5, 3758962.5, 121.1, 1.5);	(406612.5, 3758912.5, 121.1, 1.5);
(406612.5, 3758862.5, 120.6, 1.5);	(406612.5, 3758812.5, 119.1, 1.5);
(406612.5, 3758762.5, 117.4, 1.5);	(406612.5, 3758712.5, 116.1, 1.5);
(406612.5, 3758662.5, 114.5, 1.5);	(406637.5, 3758562.5, 110.0, 1.5);
(406662.5, 3759162.5, 133.4, 1.5);	(406662.5, 3759112.5, 128.8, 1.5);
(406662.5, 3759062.5, 127.1, 1.5);	(406662.5, 3759012.5, 124.2, 1.5);
(406662.5, 3758962.5, 124.8, 1.5);	(406662.5, 3758912.5, 124.1, 1.5);
(406662.5, 3758862.5, 122.6, 1.5);	(406662.5, 3758812.5, 120.5, 1.5);
(406662.5, 3758762.5, 118.0, 1.5);	(406662.5, 3758712.5, 116.0, 1.5);
(406687.5, 3758562.5, 111.2, 1.5);	(406712.5, 3759162.5, 133.4, 1.5);
(406712.5, 3759112.5, 130.2, 1.5);	(406712.5, 3759062.5, 132.9, 1.5);
(406712.5, 3759012.5, 130.1, 1.5);	(406712.5, 3758962.5, 129.0, 1.5);
(406712.5, 3758912.5, 125.5, 1.5);	(406712.5, 3758862.5, 122.3, 1.5);
(406712.5, 3758612.5, 115.6, 1.5);	(406737.5, 3758562.5, 112.0, 1.5);
(406762.5, 3759062.5, 139.6, 1.5);	(406762.5, 3759012.5, 133.6, 1.5);
(406762.5, 3758962.5, 129.4, 1.5);	(406762.5, 3758912.5, 124.9, 1.5);
(406762.5, 3758662.5, 118.8, 1.5);	(406762.5, 3758612.5, 115.3, 1.5);
(406787.5, 3758562.5, 112.9, 1.5);	(406812.5, 3759012.5, 135.9, 1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated

*** 07/29/11
 *** 12:00:41
 PAGE 30

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406812.5, 3758962.5, 129.2, 1.5);	(406812.5, 3758712.5, 122.1, 1.5);
(406812.5, 3758662.5, 119.6, 1.5);	(406812.5, 3758612.5, 117.0, 1.5);
(406837.5, 3758562.5, 109.0, 1.5);	(406862.5, 3758762.5, 124.6, 1.5);
(406862.5, 3758712.5, 123.0, 1.5);	(406862.5, 3758662.5, 120.0, 1.5);
(406862.5, 3758612.5, 115.2, 1.5);	(406887.5, 3758562.5, 115.1, 1.5);
(406912.5, 3758762.5, 125.5, 1.5);	(406912.5, 3758712.5, 121.8, 1.5);
(406912.5, 3758662.5, 118.4, 1.5);	(406912.5, 3758612.5, 112.7, 1.5);
(406937.5, 3758562.5, 116.4, 1.5);	(406962.5, 3758762.5, 125.5, 1.5);
(406962.5, 3758712.5, 121.4, 1.5);	(406962.5, 3758662.5, 117.4, 1.5);
(406962.5, 3758612.5, 116.0, 1.5);	(406987.5, 3758562.5, 119.9, 1.5);
(407012.5, 3758712.5, 122.2, 1.5);	(407012.5, 3758662.5, 115.5, 1.5);
(407012.5, 3758612.5, 117.5, 1.5);	(407037.5, 3758562.5, 121.9, 1.5);
(407062.5, 3758662.5, 115.1, 1.5);	(407062.5, 3758612.5, 120.9, 1.5);
(407087.5, 3758562.5, 124.0, 1.5);	(407112.5, 3758662.5, 120.9, 1.5);
(407112.5, 3758612.5, 124.2, 1.5);	(407137.5, 3758562.5, 127.0, 1.5);
(407162.5, 3758662.5, 128.3, 1.5);	(407162.5, 3758612.5, 127.0, 1.5);
(407187.5, 3758562.5, 134.0, 1.5);	(407212.5, 3758662.5, 132.7, 1.5);
(407212.5, 3758612.5, 134.5, 1.5);	(407237.5, 3758562.5, 139.5, 1.5);
(407262.5, 3758662.5, 137.3, 1.5);	(407262.5, 3758612.5, 137.3, 1.5);
(407287.5, 3758562.5, 140.1, 1.5);	(407312.5, 3758662.5, 142.3, 1.5);
(407312.5, 3758612.5, 141.2, 1.5);	(407337.5, 3758562.5, 144.9, 1.5);
(407362.5, 3758662.5, 147.6, 1.5);	(407362.5, 3758612.5, 146.2, 1.5);
(407387.5, 3758562.5, 149.1, 1.5);	(407412.5, 3758662.5, 151.6, 1.5);
(407412.5, 3758612.5, 152.6, 1.5);	(407437.5, 3758562.5, 154.5, 1.5);
(407462.5, 3758662.5, 153.8, 1.5);	(407462.5, 3758612.5, 154.2, 1.5);
(407487.5, 3758562.5, 152.9, 1.5);	(407512.5, 3758662.5, 147.4, 1.5);
(407512.5, 3758612.5, 145.4, 1.5);	(407537.5, 3758562.5, 0.0, 1.5);
(407562.5, 3758662.5, 0.0, 1.5);	(407562.5, 3758612.5, 0.0, 1.5);
(407587.5, 3758562.5, 0.0, 1.5);	(407612.5, 3758662.5, 0.0, 1.5);
(407612.5, 3758612.5, 0.0, 1.5);	(407637.5, 3758562.5, 0.0, 1.5);
(407662.5, 3758612.5, 0.0, 1.5);	(407687.5, 3758562.5, 0.0, 1.5);
(407712.5, 3758612.5, 0.0, 1.5);	(407737.5, 3758562.5, 0.0, 1.5);
(407762.5, 3758612.5, 0.0, 1.5);	(407787.5, 3758562.5, 0.0, 1.5);
(407812.5, 3758612.5, 0.0, 1.5);	(407837.5, 3758562.5, 0.0, 1.5);

Appendix B

PM 24 hour Emissions Mitigated

(407862.5, 3758612.5, 0.0, 1.5);	(407887.5, 3758562.5, 0.0, 1.5);
(407912.5, 3758612.5, 0.0, 1.5);	(407937.5, 3758562.5, 0.0, 1.5);
(407962.5, 3758612.5, 0.0, 1.5);	(407987.5, 3758562.5, 0.0, 1.5);
(408012.5, 3758612.5, 0.0, 1.5);	(408037.5, 3758562.5, 0.0, 1.5);
(408062.5, 3758612.5, 0.0, 1.5);	(408087.5, 3758562.5, 0.0, 1.5);
(408112.5, 3758612.5, 0.0, 1.5);	(405962.5, 3758537.5, 92.3, 1.5);
(405987.5, 3758562.5, 93.8, 1.5);	(406037.5, 3758562.5, 95.0, 1.5);
(406087.5, 3758562.5, 96.0, 1.5);	(406137.5, 3758562.5, 97.9, 1.5);
(406187.5, 3758562.5, 99.0, 1.5);	(406237.5, 3758562.5, 101.3, 1.5);
(406287.5, 3758562.5, 103.4, 1.5);	(406337.5, 3758562.5, 105.0, 1.5);
(406387.5, 3758562.5, 106.0, 1.5);	(406437.5, 3758562.5, 107.7, 1.5);

*** ICST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated

*** 07/29/11
 *** 12:00:41
 *** PAGE 31

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406487.5, 3758562.5, 109.0, 1.5);	(406537.5, 3758537.5, 109.0, 1.5);
(406587.5, 3758537.5, 109.7, 1.5);	(406637.5, 3758537.5, 109.0, 1.5);
(406687.5, 3758537.5, 110.0, 1.5);	(406737.5, 3758537.5, 109.9, 1.5);
(406787.5, 3758537.5, 110.0, 1.5);	(406837.5, 3758537.5, 111.0, 1.5);
(406887.5, 3758537.5, 113.7, 1.5);	(406937.5, 3758537.5, 116.0, 1.5);
(406987.5, 3758537.5, 120.8, 1.5);	(407037.5, 3758537.5, 122.0, 1.5);
(407087.5, 3758537.5, 124.8, 1.5);	(407137.5, 3758537.5, 128.8, 1.5);
(407187.5, 3758537.5, 137.7, 1.5);	(407237.5, 3758537.5, 141.0, 1.5);
(407287.5, 3758537.5, 143.8, 1.5);	(407337.5, 3758537.5, 147.0, 1.5);
(407387.5, 3758537.5, 148.8, 1.5);	(407437.5, 3758537.5, 153.5, 1.5);
(407487.5, 3758537.5, 155.4, 1.5);	(407537.5, 3758537.5, 0.0, 1.5);
(407587.5, 3758537.5, 0.0, 1.5);	(407637.5, 3758537.5, 0.0, 1.5);
(407687.5, 3758537.5, 0.0, 1.5);	(407737.5, 3758537.5, 0.0, 1.5);
(407787.5, 3758537.5, 0.0, 1.5);	(407837.5, 3758537.5, 0.0, 1.5);
(407887.5, 3758537.5, 0.0, 1.5);	(407937.5, 3758537.5, 0.0, 1.5);
(407987.5, 3758537.5, 0.0, 1.5);	(408037.5, 3758537.5, 0.0, 1.5);
(408087.5, 3758537.5, 0.0, 1.5);	(405962.5, 3759987.5, 229.9, 1.5);
(405962.5, 3759937.5, 223.6, 1.5);	(405962.5, 3759887.5, 214.8, 1.5);
(405962.5, 3759837.5, 195.5, 1.5);	(405962.5, 3759787.5, 191.6, 1.5);
(405962.5, 3759737.5, 188.7, 1.5);	(405962.5, 3759687.5, 167.2, 1.5);
(405962.5, 3759637.5, 162.2, 1.5);	(405962.5, 3759587.5, 157.2, 1.5);
(405962.5, 3759537.5, 159.3, 1.5);	(405962.5, 3759487.5, 159.3, 1.5);
(405962.5, 3759437.5, 157.2, 1.5);	(405962.5, 3759387.5, 148.9, 1.5);
(405962.5, 3759337.5, 138.2, 1.5);	(405962.5, 3759287.5, 128.2, 1.5);
(405962.5, 3759237.5, 120.2, 1.5);	(405962.5, 3759187.5, 115.0, 1.5);
(405962.5, 3759137.5, 113.9, 1.5);	(405962.5, 3759087.5, 112.0, 1.5);
(405962.5, 3759037.5, 109.0, 1.5);	(405962.5, 3758987.5, 108.0, 1.5);
(405962.5, 3758937.5, 106.3, 1.5);	(405962.5, 3758887.5, 104.9, 1.5);
(405962.5, 3758837.5, 103.0, 1.5);	(405962.5, 3758787.5, 100.9, 1.5);
(405962.5, 3758737.5, 98.9, 1.5);	(405962.5, 3758687.5, 97.0, 1.5);
(405962.5, 3758637.5, 95.0, 1.5);	(406012.5, 3759987.5, 224.1, 1.5);
(406012.5, 3759937.5, 203.5, 1.5);	(406012.5, 3759887.5, 201.9, 1.5);
(406012.5, 3759837.5, 196.6, 1.5);	(406012.5, 3759787.5, 190.7, 1.5);
(406012.5, 3759737.5, 190.4, 1.5);	(406012.5, 3759687.5, 169.9, 1.5);
(406012.5, 3759637.5, 165.9, 1.5);	(406012.5, 3759587.5, 161.0, 1.5);
(406012.5, 3759537.5, 161.0, 1.5);	(406012.5, 3759487.5, 159.1, 1.5);
(406012.5, 3759437.5, 150.2, 1.5);	(406012.5, 3759387.5, 146.3, 1.5);
(406012.5, 3759337.5, 137.4, 1.5);	(406012.5, 3759287.5, 129.9, 1.5);
(406012.5, 3759237.5, 121.6, 1.5);	(406012.5, 3759187.5, 116.3, 1.5);
(406012.5, 3759137.5, 115.2, 1.5);	(406012.5, 3759087.5, 113.0, 1.5);
(406012.5, 3759037.5, 110.2, 1.5);	(406012.5, 3758987.5, 110.0, 1.5);
(406012.5, 3758937.5, 108.2, 1.5);	(406012.5, 3758887.5, 105.9, 1.5);
(406012.5, 3758837.5, 103.0, 1.5);	(406012.5, 3758787.5, 102.0, 1.5);
(406012.5, 3758737.5, 99.9, 1.5);	(406012.5, 3758687.5, 98.0, 1.5);
(406012.5, 3758637.5, 96.3, 1.5);	(406062.5, 3759987.5, 209.4, 1.5);

*** ICST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated

*** 07/29/11
 *** 12:00:41
 *** PAGE 32

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

Appendix B

PM 24 hour Emissions Mitigated

(406062.5, 3759837.5, 177.7, 1.5);	(406062.5, 3759787.5, 171.7, 1.5);
(406062.5, 3759737.5, 166.3, 1.5);	(406062.5, 3759687.5, 167.2, 1.5);
(406062.5, 3759637.5, 161.1, 1.5);	(406062.5, 3759587.5, 157.8, 1.5);
(406062.5, 3759537.5, 146.4, 1.5);	(406062.5, 3759487.5, 142.0, 1.5);
(406062.5, 3759437.5, 138.4, 1.5);	(406062.5, 3759387.5, 133.4, 1.5);
(406062.5, 3759337.5, 129.4, 1.5);	(406062.5, 3759287.5, 126.4, 1.5);
(406062.5, 3759237.5, 120.0, 1.5);	(406062.5, 3759187.5, 119.0, 1.5);
(406062.5, 3759137.5, 117.0, 1.5);	(406062.5, 3759087.5, 114.9, 1.5);
(406062.5, 3759037.5, 113.0, 1.5);	(406062.5, 3758987.5, 112.0, 1.5);
(406062.5, 3758937.5, 109.0, 1.5);	(406062.5, 3758887.5, 107.3, 1.5);
(406062.5, 3758837.5, 105.0, 1.5);	(406062.5, 3758787.5, 103.0, 1.5);
(406062.5, 3758737.5, 101.3, 1.5);	(406062.5, 3758687.5, 99.0, 1.5);
(406062.5, 3758637.5, 98.0, 1.5);	(406112.5, 3759987.5, 180.6, 1.5);
(406112.5, 3759837.5, 149.0, 1.5);	(406112.5, 3759787.5, 147.9, 1.5);
(406112.5, 3759737.5, 145.7, 1.5);	(406112.5, 3759687.5, 145.0, 1.5);
(406112.5, 3759637.5, 143.0, 1.5);	(406112.5, 3759587.5, 143.0, 1.5);
(406112.5, 3759537.5, 141.7, 1.5);	(406112.5, 3759487.5, 136.8, 1.5);
(406112.5, 3759437.5, 129.9, 1.5);	(406112.5, 3759387.5, 127.3, 1.5);
(406112.5, 3759337.5, 128.5, 1.5);	(406112.5, 3759287.5, 127.5, 1.5);
(406112.5, 3759237.5, 123.2, 1.5);	(406112.5, 3759187.5, 121.2, 1.5);
(406112.5, 3759137.5, 119.0, 1.5);	(406112.5, 3759087.5, 117.0, 1.5);
(406112.5, 3759037.5, 115.2, 1.5);	(406112.5, 3758987.5, 114.0, 1.5);
(406112.5, 3758937.5, 111.3, 1.5);	(406112.5, 3758887.5, 109.2, 1.5);
(406112.5, 3758837.5, 107.3, 1.5);	(406112.5, 3758787.5, 104.9, 1.5);
(406112.5, 3758737.5, 102.3, 1.5);	(406112.5, 3758687.5, 100.9, 1.5);
(406112.5, 3758637.5, 99.0, 1.5);	(406162.5, 3759987.5, 155.4, 1.5);
(406162.5, 3759837.5, 153.4, 1.5);	(406162.5, 3759787.5, 154.2, 1.5);
(406162.5, 3759437.5, 137.1, 1.5);	(406162.5, 3759387.5, 138.5, 1.5);
(406162.5, 3759337.5, 137.8, 1.5);	(406162.5, 3759287.5, 132.2, 1.5);
(406162.5, 3759237.5, 126.2, 1.5);	(406162.5, 3759187.5, 123.2, 1.5);
(406162.5, 3759137.5, 120.9, 1.5);	(406162.5, 3759087.5, 119.0, 1.5);
(406162.5, 3759037.5, 117.3, 1.5);	(406162.5, 3758987.5, 116.0, 1.5);
(406162.5, 3758937.5, 113.2, 1.5);	(406162.5, 3758887.5, 111.0, 1.5);
(406162.5, 3758837.5, 109.0, 1.5);	(406162.5, 3758787.5, 105.9, 1.5);
(406162.5, 3758737.5, 103.0, 1.5);	(406162.5, 3758687.5, 102.0, 1.5);
(406162.5, 3758637.5, 100.0, 1.5);	(406212.5, 3759437.5, 151.9, 1.5);
(406212.5, 3759387.5, 147.2, 1.5);	(406212.5, 3759337.5, 141.0, 1.5);
(406212.5, 3759287.5, 134.9, 1.5);	(406212.5, 3759237.5, 128.2, 1.5);
(406212.5, 3759187.5, 125.0, 1.5);	(406212.5, 3759137.5, 123.0, 1.5);
(406212.5, 3759087.5, 120.9, 1.5);	(406212.5, 3759037.5, 118.9, 1.5);
(406212.5, 3758987.5, 117.0, 1.5);	(406212.5, 3758937.5, 114.9, 1.5);
(406212.5, 3758887.5, 112.0, 1.5);	(406212.5, 3758837.5, 109.2, 1.5);
(406212.5, 3758787.5, 107.0, 1.5);	(406212.5, 3758737.5, 104.0, 1.5);
(406212.5, 3758687.5, 103.0, 1.5);	(406212.5, 3758637.5, 102.0, 1.5);
(406262.5, 3759437.5, 153.2, 1.5);	(406262.5, 3759387.5, 149.5, 1.5);

• *** ISCS3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated

*** 07/29/11
 *** 12:00:41
 *** PAGE 33

**MODELOPTs:
 CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406262.5, 3759337.5, 139.9, 1.5);	(406262.5, 3759287.5, 135.9, 1.5);
(406262.5, 3759237.5, 131.2, 1.5);	(406262.5, 3759187.5, 126.9, 1.5);
(406262.5, 3759137.5, 124.0, 1.5);	(406262.5, 3759087.5, 122.0, 1.5);
(406262.5, 3759037.5, 119.9, 1.5);	(406262.5, 3758987.5, 117.0, 1.5);
(406262.5, 3758937.5, 114.9, 1.5);	(406262.5, 3758887.5, 112.0, 1.5);
(406262.5, 3758837.5, 109.7, 1.5);	(406262.5, 3758787.5, 108.0, 1.5);
(406262.5, 3758737.5, 105.0, 1.5);	(406262.5, 3758687.5, 104.0, 1.5);
(406262.5, 3758637.5, 103.0, 1.5);	(406312.5, 3759437.5, 155.9, 1.5);
(406312.5, 3759387.5, 153.9, 1.5);	(406312.5, 3759337.5, 144.2, 1.5);
(406312.5, 3759287.5, 138.0, 1.5);	(406312.5, 3759237.5, 133.0, 1.5);
(406312.5, 3759187.5, 128.0, 1.5);	(406312.5, 3759137.5, 124.9, 1.5);
(406312.5, 3759087.5, 122.0, 1.5);	(406312.5, 3759037.5, 119.9, 1.5);
(406312.5, 3758987.5, 117.0, 1.5);	(406312.5, 3758937.5, 114.0, 1.5);
(406312.5, 3758887.5, 112.0, 1.5);	(406312.5, 3758837.5, 109.9, 1.5);
(406312.5, 3758787.5, 108.0, 1.5);	(406312.5, 3758737.5, 106.0, 1.5);
(406312.5, 3758687.5, 105.0, 1.5);	(406312.5, 3758637.5, 104.2, 1.5);
(406362.5, 3759437.5, 151.1, 1.5);	(406362.5, 3759387.5, 148.1, 1.5);
(406362.5, 3759337.5, 143.6, 1.5);	(406362.5, 3759287.5, 136.9, 1.5);
(406362.5, 3759237.5, 133.0, 1.5);	(406362.5, 3759187.5, 128.9, 1.5);
(406362.5, 3759137.5, 125.9, 1.5);	(406362.5, 3759087.5, 123.0, 1.5);
(406362.5, 3759037.5, 120.0, 1.5);	(406362.5, 3758987.5, 117.0, 1.5);

Appendix B

PM 24 hour Emissions Mitigated

(406362.5, 3758937.5, 114.9, 1.5);	(406362.5, 3758887.5, 111.7, 1.5);
(406362.5, 3758837.5, 109.0, 1.5);	(406362.5, 3758787.5, 108.0, 1.5);
(406362.5, 3758737.5, 107.3, 1.5);	(406362.5, 3758687.5, 107.0, 1.5);
(406362.5, 3758637.5, 106.0, 1.5);	(406412.5, 3759337.5, 138.9, 1.5);
(406412.5, 3759287.5, 136.0, 1.5);	(406412.5, 3759237.5, 134.0, 1.5);
(406412.5, 3759187.5, 129.9, 1.5);	(406412.5, 3759137.5, 126.0, 1.5);
(406412.5, 3759087.5, 123.0, 1.5);	(406412.5, 3759037.5, 120.0, 1.5);
(406412.5, 3758987.5, 118.0, 1.5);	(406412.5, 3758937.5, 115.2, 1.5);
(406412.5, 3758887.5, 110.9, 1.5);	(406412.5, 3758837.5, 109.0, 1.5);
(406412.5, 3758787.5, 108.3, 1.5);	(406412.5, 3758737.5, 109.0, 1.5);
(406412.5, 3758687.5, 109.0, 1.5);	(406412.5, 3758637.5, 108.2, 1.5);
(406462.5, 3759287.5, 136.9, 1.5);	(406462.5, 3759237.5, 133.9, 1.5);
(406462.5, 3759187.5, 129.9, 1.5);	(406462.5, 3759137.5, 125.9, 1.5);
(406462.5, 3759087.5, 122.0, 1.5);	(406462.5, 3759037.5, 120.0, 1.5);
(406462.5, 3758987.5, 118.0, 1.5);	(406462.5, 3758937.5, 116.0, 1.5);
(406462.5, 3758887.5, 112.2, 1.5);	(406462.5, 3758837.5, 109.2, 1.5);
(406462.5, 3758787.5, 110.2, 1.5);	(406462.5, 3758737.5, 110.2, 1.5);
(406462.5, 3758687.5, 110.9, 1.5);	(406462.5, 3758637.5, 109.2, 1.5);
(406512.5, 3759287.5, 138.0, 1.5);	(406512.5, 3759237.5, 134.0, 1.5);
(406512.5, 3759187.5, 129.2, 1.5);	(406512.5, 3759137.5, 126.2, 1.5);
(406512.5, 3759087.5, 123.9, 1.5);	(406512.5, 3759037.5, 121.2, 1.5);
(406512.5, 3758987.5, 118.9, 1.5);	(406512.5, 3758937.5, 116.7, 1.5);
(406512.5, 3758887.5, 114.0, 1.5);	(406512.5, 3758837.5, 114.2, 1.5);
(406512.5, 3758787.5, 113.3, 1.5);	(406512.5, 3758737.5, 113.3, 1.5);

* *** ISCST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT
 ** ANALYSIS PEAK DAY 24hr PM emissions mitigated

*** 07/29/11
 *** 12:00:41
 *** PAGE 34

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406512.5, 3758687.5, 112.3, 1.5);	(406512.5, 3758637.5, 111.3, 1.5);
(406562.5, 3759237.5, 135.2, 1.5);	(406562.5, 3759187.5, 131.9, 1.5);
(406562.5, 3759137.5, 128.0, 1.5);	(406562.5, 3759087.5, 125.2, 1.5);
(406562.5, 3759037.5, 123.0, 1.5);	(406562.5, 3758987.5, 119.9, 1.5);
(406562.5, 3758937.5, 116.3, 1.5);	(406562.5, 3758887.5, 116.3, 1.5);
(406562.5, 3758837.5, 117.3, 1.5);	(406562.5, 3758787.5, 116.3, 1.5);
(406562.5, 3758737.5, 115.9, 1.5);	(406562.5, 3758687.5, 114.2, 1.5);
(406562.5, 3758637.5, 113.0, 1.5);	(406562.5, 3758587.5, 111.0, 1.5);
(406612.5, 3759187.5, 134.2, 1.5);	(406612.5, 3759137.5, 130.2, 1.5);
(406612.5, 3759087.5, 126.9, 1.5);	(406612.5, 3759037.5, 123.0, 1.5);
(406612.5, 3758987.5, 120.9, 1.5);	(406612.5, 3758937.5, 121.2, 1.5);
(406612.5, 3758887.5, 121.2, 1.5);	(406612.5, 3758837.5, 120.0, 1.5);
(406612.5, 3758787.5, 118.0, 1.5);	(406612.5, 3758737.5, 117.0, 1.5);
(406612.5, 3758687.5, 115.9, 1.5);	(406612.5, 3758637.5, 113.0, 1.5);
(406612.5, 3758587.5, 111.0, 1.5);	(406662.5, 3759187.5, 135.9, 1.5);
(406662.5, 3759137.5, 130.9, 1.5);	(406662.5, 3759087.5, 128.0, 1.5);
(406662.5, 3759037.5, 125.2, 1.5);	(406662.5, 3758987.5, 124.5, 1.5);
(406662.5, 3758937.5, 125.0, 1.5);	(406662.5, 3758887.5, 123.0, 1.5);
(406662.5, 3758837.5, 122.0, 1.5);	(406662.5, 3758787.5, 119.0, 1.5);
(406662.5, 3758737.5, 117.0, 1.5);	(406712.5, 3759137.5, 131.2, 1.5);
(406712.5, 3759087.5, 131.3, 1.5);	(406712.5, 3759037.5, 130.5, 1.5);
(406712.5, 3758987.5, 129.2, 1.5);	(406712.5, 3758937.5, 128.0, 1.5);
(406712.5, 3758887.5, 123.7, 1.5);	(406712.5, 3758587.5, 113.9, 1.5);
(406762.5, 3759037.5, 136.2, 1.5);	(406762.5, 3758987.5, 131.9, 1.5);
(406762.5, 3758937.5, 127.0, 1.5);	(406762.5, 3758687.5, 118.3, 1.5);
(406762.5, 3758637.5, 116.7, 1.5);	(406762.5, 3758587.5, 114.0, 1.5);
(406812.5, 3758987.5, 132.6, 1.5);	(406812.5, 3758687.5, 121.2, 1.5);
(406812.5, 3758637.5, 117.3, 1.5);	(406812.5, 3758587.5, 115.6, 1.5);
(406862.5, 3758737.5, 124.0, 1.5);	(406862.5, 3758687.5, 122.0, 1.5);
(406862.5, 3758637.5, 118.0, 1.5);	(406862.5, 3758587.5, 108.7, 1.5);
(406912.5, 3758787.5, 127.0, 1.5);	(406912.5, 3758737.5, 123.0, 1.5);
(406912.5, 3758687.5, 120.0, 1.5);	(406912.5, 3758637.5, 116.6, 1.5);
(406912.5, 3758587.5, 115.3, 1.5);	(406962.5, 3758737.5, 123.0, 1.5);
(406962.5, 3758687.5, 119.9, 1.5);	(406962.5, 3758637.5, 115.0, 1.5);
(406962.5, 3758587.5, 117.0, 1.5);	(407012.5, 3758687.5, 118.9, 1.5);
(407012.5, 3758637.5, 115.3, 1.5);	(407012.5, 3758587.5, 119.3, 1.5);
(407062.5, 3758687.5, 117.0, 1.5);	(407062.5, 3758637.5, 118.6, 1.5);
(407062.5, 3758587.5, 122.0, 1.5);	(407112.5, 3758637.5, 123.3, 1.5);
(407112.5, 3758587.5, 125.0, 1.5);	(407162.5, 3758637.5, 127.0, 1.5);
(407162.5, 3758587.5, 127.0, 1.5);	(407212.5, 3758637.5, 132.0, 1.5);
(407212.5, 3758587.5, 136.3, 1.5);	(407262.5, 3758637.5, 137.3, 1.5);
(407262.5, 3758587.5, 138.3, 1.5);	(407312.5, 3758637.5, 142.3, 1.5);

Appendix B

PM 24 hour Emissions Mitigated

(407312.5, 3758587.5, 141.2, 1.5); (407362.5, 3758637.5, 146.2, 1.5);
 (407362.5, 3758587.5, 146.2, 1.5); (407412.5, 3758637.5, 152.2, 1.5);
 (407412.5, 3758587.5, 153.3, 1.5); (407462.5, 3758637.5, 152.7, 1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41

**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM PAGE 35

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(407462.5, 3758587.5, 155.0, 1.5); (407512.5, 3758637.5, 146.7, 1.5);
 (407512.5, 3758587.5, 146.1, 1.5); (407562.5, 3758637.5, 0.0, 1.5);
 (407562.5, 3758587.5, 0.0, 1.5); (407612.5, 3758637.5, 0.0, 1.5);
 (407612.5, 3758587.5, 0.0, 1.5); (407662.5, 3758637.5, 0.0, 1.5);
 (407662.5, 3758587.5, 0.0, 1.5); (407712.5, 3758637.5, 0.0, 1.5);
 (407712.5, 3758587.5, 0.0, 1.5); (407762.5, 3758637.5, 0.0, 1.5);
 (407762.5, 3758587.5, 0.0, 1.5); (407812.5, 3758637.5, 0.0, 1.5);
 (407812.5, 3758587.5, 0.0, 1.5); (407862.5, 3758637.5, 0.0, 1.5);
 (407862.5, 3758587.5, 0.0, 1.5); (407912.5, 3758637.5, 0.0, 1.5);
 (407912.5, 3758587.5, 0.0, 1.5); (407962.5, 3758637.5, 0.0, 1.5);
 (407962.5, 3758587.5, 0.0, 1.5); (408012.5, 3758637.5, 0.0, 1.5);
 (408012.5, 3758587.5, 0.0, 1.5); (408062.5, 3758637.5, 0.0, 1.5);
 (408062.5, 3758587.5, 0.0, 1.5); (408112.5, 3758637.5, 0.0, 1.5);
 (408112.5, 3758587.5, 0.0, 1.5); (405987.5, 3758537.5, 93.0, 1.5);
 (406012.5, 3758537.5, 94.0, 1.5); (406037.5, 3758537.5, 94.7, 1.5);
 (406062.5, 3758537.5, 95.0, 1.5); (406087.5, 3758537.5, 96.0, 1.5);
 (406112.5, 3758537.5, 96.3, 1.5); (406137.5, 3758537.5, 97.0, 1.5);
 (406162.5, 3758537.5, 98.0, 1.5); (406187.5, 3758537.5, 98.8, 1.5);
 (406212.5, 3758537.5, 99.9, 1.5); (406237.5, 3758537.5, 100.8, 1.5);
 (406262.5, 3758537.5, 102.0, 1.5); (406287.5, 3758537.5, 103.0, 1.5);
 (406312.5, 3758537.5, 104.0, 1.5); (406337.5, 3758537.5, 104.7, 1.5);
 (406362.5, 3758537.5, 105.0, 1.5); (406387.5, 3758537.5, 105.7, 1.5);
 (406412.5, 3758537.5, 106.0, 1.5); (406437.5, 3758537.5, 107.0, 1.5);
 (406462.5, 3758537.5, 108.0, 1.5); (406487.5, 3758537.5, 108.0, 1.5);
 (406512.5, 3758537.5, 109.0, 1.5); (406562.5, 3758537.5, 109.0, 1.5);
 (406612.5, 3758537.5, 109.9, 1.5); (406662.5, 3758537.5, 109.0, 1.5);
 (406712.5, 3758537.5, 109.9, 1.5); (406762.5, 3758537.5, 109.0, 1.5);
 (406812.5, 3758537.5, 110.0, 1.5); (406862.5, 3758537.5, 111.3, 1.5);
 (406912.5, 3758537.5, 114.9, 1.5); (406962.5, 3758537.5, 118.5, 1.5);
 (407012.5, 3758537.5, 122.0, 1.5); (407062.5, 3758537.5, 123.0, 1.5);
 (407112.5, 3758537.5, 127.0, 1.5); (407162.5, 3758537.5, 130.0, 1.5);
 (407212.5, 3758537.5, 141.0, 1.5); (407262.5, 3758537.5, 142.0, 1.5);
 (407312.5, 3758537.5, 147.0, 1.5); (407362.5, 3758537.5, 147.3, 1.5);
 (407412.5, 3758537.5, 151.2, 1.5); (407462.5, 3758537.5, 158.3, 1.5);
 (407512.5, 3758537.5, 148.4, 1.5); (407562.5, 3758537.5, 0.0, 1.5);
 (407612.5, 3758537.5, 0.0, 1.5); (407662.5, 3758537.5, 0.0, 1.5);
 (407712.5, 3758537.5, 0.0, 1.5); (407762.5, 3758537.5, 0.0, 1.5);
 (407812.5, 3758537.5, 0.0, 1.5); (407862.5, 3758537.5, 0.0, 1.5);
 (407912.5, 3758537.5, 0.0, 1.5); (407962.5, 3758537.5, 0.0, 1.5);
 (408012.5, 3758537.5, 0.0, 1.5); (408062.5, 3758537.5, 0.0, 1.5);
 (408112.5, 3758537.5, 0.0, 1.5); (405962.5, 3758587.5, 94.0, 1.5);
 (406012.5, 3758587.5, 95.0, 1.5); (406062.5, 3758587.5, 96.0, 1.5);
 (406112.5, 3758587.5, 97.0, 1.5); (406162.5, 3758587.5, 99.0, 1.5);
 (406212.5, 3758587.5, 100.9, 1.5); (406262.5, 3758587.5, 102.3, 1.5);
 (406312.5, 3758587.5, 104.2, 1.5); (406362.5, 3758587.5, 105.2, 1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41

**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM PAGE 36

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406412.5, 3758587.5, 107.0, 1.5); (406462.5, 3758587.5, 109.0, 1.5);
 (406512.5, 3758587.5, 110.0, 1.5); (405987.5, 3760012.5, 229.9, 1.5);
 (405987.5, 3759962.5, 223.9, 1.5); (405987.5, 3759912.5, 217.2, 1.5);
 (405987.5, 3759862.5, 205.0, 1.5); (405987.5, 3759812.5, 194.2, 1.5);
 (405987.5, 3759762.5, 190.0, 1.5); (405987.5, 3759712.5, 179.8, 1.5);
 (405987.5, 3759662.5, 165.8, 1.5); (405987.5, 3759612.5, 161.8, 1.5);
 (405987.5, 3759562.5, 160.3, 1.5); (405987.5, 3759512.5, 162.0, 1.5);
 (405987.5, 3759462.5, 161.3, 1.5); (405987.5, 3759412.5, 153.1, 1.5);

Appendix B

PM 24 hour Emissions Mitigated

(405987.5, 3759362.5, 143.5, 1.5);	(405987.5, 3759312.5, 134.9, 1.5);		
(405987.5, 3759262.5, 126.7, 1.5);	(405987.5, 3759212.5, 116.1, 1.5);		
(405987.5, 3759162.5, 115.0, 1.5);	(405987.5, 3759112.5, 113.4, 1.5);		
(405987.5, 3759062.5, 110.9, 1.5);	(405987.5, 3759012.5, 109.0, 1.5);		
(405987.5, 3758962.5, 108.4, 1.5);	(405987.5, 3758912.5, 106.3, 1.5);		
(405987.5, 3758862.5, 104.3, 1.5);	(405987.5, 3758812.5, 102.0, 1.5);		
(405987.5, 3758762.5, 100.3, 1.5);	(405987.5, 3758712.5, 98.4, 1.5);		
(405987.5, 3758662.5, 96.4, 1.5);	(406037.5, 3760012.5, 220.7, 1.5);		
(406037.5, 3759812.5, 181.5, 1.5);	(406037.5, 3759762.5, 179.4, 1.5);		
(406037.5, 3759712.5, 178.3, 1.5);	(406037.5, 3759662.5, 166.4, 1.5);		
(406037.5, 3759612.5, 162.4, 1.5);	(406037.5, 3759562.5, 159.6, 1.5);		
(406037.5, 3759512.5, 152.9, 1.5);	(406037.5, 3759462.5, 142.7, 1.5);		
(406037.5, 3759412.5, 141.3, 1.5);	(406037.5, 3759362.5, 135.4, 1.5);		
(406037.5, 3759312.5, 133.1, 1.5);	(406037.5, 3759262.5, 122.8, 1.5);		
(406037.5, 3759212.5, 119.2, 1.5);	(406037.5, 3759162.5, 116.9, 1.5);		
(406037.5, 3759112.5, 115.0, 1.5);	(406037.5, 3759062.5, 112.9, 1.5);		
(406037.5, 3759012.5, 111.7, 1.5);	(406037.5, 3758962.5, 110.3, 1.5);		
(406037.5, 3758912.5, 108.0, 1.5);	(406037.5, 3758862.5, 105.0, 1.5);		
(406037.5, 3758812.5, 103.8, 1.5);	(406037.5, 3758762.5, 101.9, 1.5);		
(406037.5, 3758712.5, 99.5, 1.5);	(406037.5, 3758662.5, 97.9, 1.5);		
(406087.5, 3760012.5, 200.6, 1.5);	(406087.5, 3759812.5, 152.7, 1.5);		
(406087.5, 3759762.5, 150.3, 1.5);	(406087.5, 3759712.5, 151.5, 1.5);		
(406087.5, 3759662.5, 147.4, 1.5);	(406087.5, 3759612.5, 149.3, 1.5);		
(406087.5, 3759562.5, 143.9, 1.5);	(406087.5, 3759512.5, 142.0, 1.5);		
(406087.5, 3759462.5, 139.0, 1.5);	(406087.5, 3759412.5, 130.1, 1.5);		
(406087.5, 3759362.5, 128.3, 1.5);	(406087.5, 3759312.5, 127.5, 1.5);		
(406087.5, 3759262.5, 122.2, 1.5);	(406087.5, 3759212.5, 120.3, 1.5);		
(406087.5, 3759162.5, 119.0, 1.5);	(406087.5, 3759112.5, 116.9, 1.5);		
(406087.5, 3759062.5, 115.0, 1.5);	(406087.5, 3759012.5, 113.8, 1.5);		
(406087.5, 3758962.5, 111.4, 1.5);	(406087.5, 3758912.5, 109.3, 1.5);		
(406087.5, 3758862.5, 107.4, 1.5);	(406087.5, 3758812.5, 105.0, 1.5);		
(406087.5, 3758762.5, 103.0, 1.5);	(406087.5, 3758712.5, 101.0, 1.5);		
(406087.5, 3758662.5, 99.0, 1.5);	(406137.5, 3760012.5, 175.9, 1.5);		
(406137.5, 3759812.5, 147.9, 1.5);	(406137.5, 3759762.5, 147.9, 1.5);		
(406137.5, 3759712.5, 147.5, 1.5);	(406137.5, 3759662.5, 145.6, 1.5);		
(406137.5, 3759612.5, 143.0, 1.5);	(406137.5, 3759562.5, 140.5, 1.5);		
(406137.5, 3759512.5, 133.1, 1.5);	(406137.5, 3759462.5, 130.0, 1.5);		
• *** ISCST3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT	***	07/29/11
MODELOPTs:	* ANALYSIS PEAK DAY 24hr PM emissions mitigated	***	12:00:41
CONC	URBAN ELEV FLGPOL		PAGE 37
	NOCALM		
	*** DISCRETE CARTESIAN RECEPTORS ***		
	(X-COORD, Y-COORD, ZELEV, ZFLAG)		
	(METERS)		
(406137.5, 3759412.5, 132.0, 1.5);	(406137.5, 3759362.5, 133.0, 1.5);		
(406137.5, 3759312.5, 133.0, 1.5);	(406137.5, 3759262.5, 127.2, 1.5);		
(406137.5, 3759212.5, 123.4, 1.5);	(406137.5, 3759162.5, 121.3, 1.5);		
(406137.5, 3759112.5, 119.0, 1.5);	(406137.5, 3759062.5, 116.9, 1.5);		
(406137.5, 3759012.5, 116.0, 1.5);	(406137.5, 3758962.5, 113.8, 1.5);		
(406137.5, 3758912.5, 111.3, 1.5);	(406137.5, 3758862.5, 109.0, 1.5);		
(406137.5, 3758812.5, 106.4, 1.5);	(406137.5, 3758762.5, 104.3, 1.5);		
(406137.5, 3758712.5, 102.0, 1.5);	(406137.5, 3758662.5, 100.3, 1.5);		
(406187.5, 3759412.5, 146.6, 1.5);	(406187.5, 3759362.5, 141.2, 1.5);		
(406187.5, 3759312.5, 138.7, 1.5);	(406187.5, 3759262.5, 130.3, 1.5);		
(406187.5, 3759212.5, 125.9, 1.5);	(406187.5, 3759162.5, 123.0, 1.5);		
(406187.5, 3759112.5, 120.9, 1.5);	(406187.5, 3759062.5, 118.8, 1.5);		
(406187.5, 3759012.5, 117.3, 1.5);	(406187.5, 3758962.5, 115.9, 1.5);		
(406187.5, 3758912.5, 112.4, 1.5);	(406187.5, 3758862.5, 110.5, 1.5);		
(406187.5, 3758812.5, 108.0, 1.5);	(406187.5, 3758762.5, 105.0, 1.5);		
(406187.5, 3758712.5, 102.9, 1.5);	(406187.5, 3758662.5, 101.9, 1.5);		
(406237.5, 3759412.5, 150.2, 1.5);	(406237.5, 3759362.5, 144.1, 1.5);		
(406237.5, 3759312.5, 138.1, 1.5);	(406237.5, 3759262.5, 133.3, 1.5);		
(406237.5, 3759212.5, 127.3, 1.5);	(406237.5, 3759162.5, 124.4, 1.5);		
(406237.5, 3759112.5, 122.9, 1.5);	(406237.5, 3759062.5, 120.3, 1.5);		
(406237.5, 3759012.5, 118.0, 1.5);	(406237.5, 3758962.5, 116.0, 1.5);		
(406237.5, 3758912.5, 113.4, 1.5);	(406237.5, 3758862.5, 111.0, 1.5);		
(406237.5, 3758812.5, 108.4, 1.5);	(406237.5, 3758762.5, 105.5, 1.5);		
(406237.5, 3758712.5, 104.0, 1.5);	(406237.5, 3758662.5, 102.9, 1.5);		
(406287.5, 3759412.5, 153.8, 1.5);	(406287.5, 3759362.5, 146.7, 1.5);		
(406287.5, 3759312.5, 138.8, 1.5);	(406287.5, 3759262.5, 134.4, 1.5);		
(406287.5, 3759212.5, 129.4, 1.5);	(406287.5, 3759162.5, 126.0, 1.5);		
(406287.5, 3759112.5, 123.0, 1.5);	(406287.5, 3759062.5, 121.0, 1.5);		
(406287.5, 3759012.5, 118.4, 1.5);	(406287.5, 3758962.5, 116.0, 1.5);		

Appendix B

PM 24 hour Emissions Mitigated

(406287.5, 3758912.5, 113.4, 1.5);	(406287.5, 3758862.5, 110.9, 1.5);
(406287.5, 3758812.5, 108.4, 1.5);	(406287.5, 3758762.5, 106.4, 1.5);
(406287.5, 3758712.5, 105.0, 1.5);	(406287.5, 3758662.5, 104.0, 1.5);
(406337.5, 3759412.5, 153.6, 1.5);	(406337.5, 3759362.5, 149.5, 1.5);
(406337.5, 3759312.5, 140.9, 1.5);	(406337.5, 3759262.5, 135.5, 1.5);
(406337.5, 3759212.5, 130.5, 1.5);	(406337.5, 3759162.5, 127.3, 1.5);
(406337.5, 3759112.5, 123.4, 1.5);	(406337.5, 3759062.5, 121.0, 1.5);
(406337.5, 3759012.5, 118.4, 1.5);	(406337.5, 3758962.5, 115.5, 1.5);
(406337.5, 3758912.5, 113.0, 1.5);	(406337.5, 3758862.5, 110.6, 1.5);
(406337.5, 3758812.5, 109.0, 1.5);	(406337.5, 3758762.5, 107.0, 1.5);
(406337.5, 3758712.5, 106.0, 1.5);	(406337.5, 3758662.5, 105.8, 1.5);
(406387.5, 3759362.5, 141.9, 1.5);	(406387.5, 3759312.5, 138.7, 1.5);
(406387.5, 3759262.5, 134.3, 1.5);	(406387.5, 3759212.5, 131.4, 1.5);
(406387.5, 3759162.5, 127.4, 1.5);	(406387.5, 3759112.5, 124.4, 1.5);
(406387.5, 3759062.5, 122.0, 1.5);	(406387.5, 3759012.5, 119.0, 1.5);
(406387.5, 3758962.5, 116.3, 1.5);	(406387.5, 3758912.5, 113.4, 1.5);

*** ICST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated

*** 07/29/11
 *** 12:00:41
 *** PAGE 38

**MODELOPTs:
 CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406387.5, 3758862.5, 109.5, 1.5);	(406387.5, 3758812.5, 108.0, 1.5);
(406387.5, 3758762.5, 108.0, 1.5);	(406387.5, 3758712.5, 108.0, 1.5);
(406387.5, 3758662.5, 107.7, 1.5);	(406437.5, 3759312.5, 137.4, 1.5);
(406437.5, 3759262.5, 135.1, 1.5);	(406437.5, 3759212.5, 131.9, 1.5);
(406437.5, 3759162.5, 127.4, 1.5);	(406437.5, 3759112.5, 124.4, 1.5);
(406437.5, 3759062.5, 121.4, 1.5);	(406437.5, 3759012.5, 119.5, 1.5);
(406437.5, 3758962.5, 117.0, 1.5);	(406437.5, 3758912.5, 114.2, 1.5);
(406437.5, 3758862.5, 109.3, 1.5);	(406437.5, 3758812.5, 109.0, 1.5);
(406437.5, 3758762.5, 109.0, 1.5);	(406437.5, 3758712.5, 109.4, 1.5);
(406437.5, 3758662.5, 109.0, 1.5);	(406487.5, 3759312.5, 138.3, 1.5);
(406487.5, 3759262.5, 135.5, 1.5);	(406487.5, 3759212.5, 131.4, 1.5);
(406487.5, 3759162.5, 127.1, 1.5);	(406487.5, 3759112.5, 124.4, 1.5);
(406487.5, 3759062.5, 121.9, 1.5);	(406487.5, 3759012.5, 119.8, 1.5);
(406487.5, 3758962.5, 117.4, 1.5);	(406487.5, 3758912.5, 115.5, 1.5);
(406487.5, 3758862.5, 111.9, 1.5);	(406487.5, 3758812.5, 111.3, 1.5);
(406487.5, 3758762.5, 112.0, 1.5);	(406487.5, 3758712.5, 112.0, 1.5);
(406487.5, 3758662.5, 111.0, 1.5);	(406537.5, 3759262.5, 136.4, 1.5);
(406537.5, 3759212.5, 132.4, 1.5);	(406537.5, 3759162.5, 128.4, 1.5);
(406537.5, 3759112.5, 125.9, 1.5);	(406537.5, 3759062.5, 123.0, 1.5);
(406537.5, 3759012.5, 120.9, 1.5);	(406537.5, 3758962.5, 117.0, 1.5);
(406537.5, 3758912.5, 115.0, 1.5);	(406537.5, 3758862.5, 115.4, 1.5);
(406537.5, 3758812.5, 115.9, 1.5);	(406537.5, 3758762.5, 115.0, 1.5);
(406537.5, 3758712.5, 114.0, 1.5);	(406537.5, 3758662.5, 112.9, 1.5);
(406587.5, 3759212.5, 134.8, 1.5);	(406587.5, 3759162.5, 131.2, 1.5);
(406587.5, 3759112.5, 127.3, 1.5);	(406587.5, 3759062.5, 124.4, 1.5);
(406587.5, 3759012.5, 121.4, 1.5);	(406587.5, 3758962.5, 118.8, 1.5);
(406587.5, 3758912.5, 118.8, 1.5);	(406587.5, 3758862.5, 119.3, 1.5);
(406587.5, 3758812.5, 118.0, 1.5);	(406587.5, 3758762.5, 116.9, 1.5);
(406587.5, 3758712.5, 115.9, 1.5);	(406587.5, 3758662.5, 114.3, 1.5);
(406587.5, 3758612.5, 112.0, 1.5);	(406637.5, 3759212.5, 137.3, 1.5);
(406637.5, 3759162.5, 133.4, 1.5);	(406637.5, 3759112.5, 129.4, 1.5);
(406637.5, 3759062.5, 126.4, 1.5);	(406637.5, 3759012.5, 121.9, 1.5);
(406637.5, 3758962.5, 122.9, 1.5);	(406637.5, 3758912.5, 122.7, 1.5);
(406637.5, 3758862.5, 121.9, 1.5);	(406637.5, 3758812.5, 120.0, 1.5);
(406637.5, 3758762.5, 118.0, 1.5);	(406637.5, 3758712.5, 116.9, 1.5);
(406637.5, 3758662.5, 113.6, 1.5);	(406687.5, 3759162.5, 133.6, 1.5);
(406687.5, 3759112.5, 128.0, 1.5);	(406687.5, 3759062.5, 128.7, 1.5);
(406687.5, 3759012.5, 127.3, 1.5);	(406687.5, 3758962.5, 126.7, 1.5);
(406687.5, 3758912.5, 125.5, 1.5);	(406687.5, 3758862.5, 123.0, 1.5);
(406687.5, 3758762.5, 118.0, 1.5);	(406737.5, 3759112.5, 133.7, 1.5);
(406737.5, 3759062.5, 136.5, 1.5);	(406737.5, 3759012.5, 132.2, 1.5);
(406737.5, 3758962.5, 129.4, 1.5);	(406737.5, 3758912.5, 125.5, 1.5);
(406737.5, 3758662.5, 117.7, 1.5);	(406737.5, 3758612.5, 116.0, 1.5);
(406787.5, 3759012.5, 134.8, 1.5);	(406787.5, 3758962.5, 129.4, 1.5);
(406787.5, 3758712.5, 120.6, 1.5);	(406787.5, 3758662.5, 119.3, 1.5);

*** ICST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated

*** 07/29/11
 *** 12:00:41
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**MODELOPTs:
 CONC URBAN ELEV FLGPOL NOCALM

Appendix B

PM 24 hour Emissions Mitigated

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

Table with 8 columns: X-Coord, Y-Coord, Z-Coord, Z-Flag, X-Coord, Y-Coord, Z-Coord, Z-Flag. Contains 100 rows of receptor data for the Whittier Matrix Oil Project.

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT ***

MODELOPTs: * ANALYSIS PEAK DAY 24hr PM emissions mitigated ***

CONC URBAN ELEV FLGPOL NOCALM

*** 07/29/11
*** 12:00:41
*** PAGE 40

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

Table with 8 columns: X-Coord, Y-Coord, Z-Coord, Z-Flag, X-Coord, Y-Coord, Z-Coord, Z-Flag. Contains 20 rows of receptor data for the Whittier Matrix Oil Project.

Appendix B

PM 24 hour Emissions Mitigated

(406037.5, 3759987.5,	215.7,	1.5);	(406037.5, 3759837.5,	192.5,	1.5);
(406037.5, 3759787.5,	184.0,	1.5);	(406037.5, 3759737.5,	179.8,	1.5);
(406037.5, 3759687.5,	170.7,	1.5);	(406037.5, 3759637.5,	164.2,	1.5);
(406037.5, 3759587.5,	160.2,	1.5);	(406037.5, 3759537.5,	157.6,	1.5);
(406037.5, 3759487.5,	146.4,	1.5);	(406037.5, 3759437.5,	141.2,	1.5);
(406037.5, 3759387.5,	139.4,	1.5);	(406037.5, 3759337.5,	133.2,	1.5);
(406037.5, 3759287.5,	127.3,	1.5);	(406037.5, 3759237.5,	120.9,	1.5);
(406037.5, 3759187.5,	118.0,	1.5);	(406037.5, 3759137.5,	116.0,	1.5);
(406037.5, 3759087.5,	114.0,	1.5);	(406037.5, 3759037.5,	111.7,	1.5);
(406037.5, 3758987.5,	111.0,	1.5);	(406037.5, 3758937.5,	109.0,	1.5);
(406037.5, 3758887.5,	106.7,	1.5);	(406037.5, 3758837.5,	104.0,	1.5);
(406037.5, 3758787.5,	102.7,	1.5);	(406037.5, 3758737.5,	100.7,	1.5);
(406037.5, 3758687.5,	98.0,	1.5);	(406087.5, 3759987.5,	196.7,	1.5);
(406087.5, 3759837.5,	156.9,	1.5);	(406087.5, 3759787.5,	152.5,	1.5);
(406087.5, 3759737.5,	151.3,	1.5);	(406087.5, 3759687.5,	149.5,	1.5);
(406087.5, 3759637.5,	149.5,	1.5);	(406087.5, 3759587.5,	146.6,	1.5);
(406087.5, 3759537.5,	142.0,	1.5);	(406087.5, 3759487.5,	141.2,	1.5);
(406087.5, 3759437.5,	132.6,	1.5);	(406087.5, 3759387.5,	128.4,	1.5);
(406087.5, 3759337.5,	127.0,	1.5);	(406087.5, 3759287.5,	128.2,	1.5);
(406087.5, 3759237.5,	121.0,	1.5);	(406087.5, 3759187.5,	120.0,	1.5);
(406087.5, 3759137.5,	118.0,	1.5);	(406087.5, 3759087.5,	116.0,	1.5);
(406087.5, 3759037.5,	114.0,	1.5);	(406087.5, 3758987.5,	112.7,	1.5);
(406087.5, 3758937.5,	110.0,	1.5);	(406087.5, 3758887.5,	108.7,	1.5);
(406087.5, 3758837.5,	106.0,	1.5);	(406087.5, 3758787.5,	104.0,	1.5);
(406087.5, 3758737.5,	102.0,	1.5);	(406087.5, 3758687.5,	100.0,	1.5);
(406137.5, 3759987.5,	167.9,	1.5);	(406137.5, 3759837.5,	148.9,	1.5);
(406137.5, 3759787.5,	147.9,	1.5);	(406137.5, 3759737.5,	147.5,	1.5);
(406137.5, 3759687.5,	147.5,	1.5);	(406137.5, 3759637.5,	143.7,	1.5);
(406137.5, 3759587.5,	141.9,	1.5);	(406137.5, 3759537.5,	139.3,	1.5);

*** ICST3 - VERSION 02035 *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated

*** 07/29/11
 *** 12:00:41
 *** PAGE 41

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406137.5, 3759487.5,	130.4,	1.5);	(406137.5, 3759437.5,	130.8,	1.5);
(406137.5, 3759387.5,	133.5,	1.5);	(406137.5, 3759337.5,	132.6,	1.5);
(406137.5, 3759287.5,	130.7,	1.5);	(406137.5, 3759237.5,	124.9,	1.5);
(406137.5, 3759187.5,	122.7,	1.5);	(406137.5, 3759137.5,	120.0,	1.5);
(406137.5, 3759087.5,	118.0,	1.5);	(406137.5, 3759037.5,	116.0,	1.5);
(406137.5, 3758987.5,	115.0,	1.5);	(406137.5, 3758937.5,	112.7,	1.5);
(406137.5, 3758887.5,	110.0,	1.5);	(406137.5, 3758837.5,	108.0,	1.5);
(406137.5, 3758787.5,	105.0,	1.5);	(406137.5, 3758737.5,	103.0,	1.5);
(406137.5, 3758687.5,	101.0,	1.5);	(406187.5, 3759437.5,	148.5,	1.5);
(406187.5, 3759387.5,	143.3,	1.5);	(406187.5, 3759337.5,	141.0,	1.5);
(406187.5, 3759287.5,	133.9,	1.5);	(406187.5, 3759237.5,	127.0,	1.5);
(406187.5, 3759187.5,	124.0,	1.5);	(406187.5, 3759137.5,	122.0,	1.5);
(406187.5, 3759087.5,	120.0,	1.5);	(406187.5, 3759037.5,	118.0,	1.5);
(406187.5, 3758987.5,	116.7,	1.5);	(406187.5, 3758937.5,	114.0,	1.5);
(406187.5, 3758887.5,	111.7,	1.5);	(406187.5, 3758837.5,	109.0,	1.5);
(406187.5, 3758787.5,	106.0,	1.5);	(406187.5, 3758737.5,	103.9,	1.5);
(406187.5, 3758687.5,	102.0,	1.5);	(406237.5, 3759437.5,	152.9,	1.5);
(406237.5, 3759387.5,	147.2,	1.5);	(406237.5, 3759337.5,	140.9,	1.5);
(406237.5, 3759287.5,	135.9,	1.5);	(406237.5, 3759237.5,	129.9,	1.5);
(406237.5, 3759187.5,	126.0,	1.5);	(406237.5, 3759137.5,	123.0,	1.5);
(406237.5, 3759087.5,	121.7,	1.5);	(406237.5, 3759037.5,	119.0,	1.5);
(406237.5, 3758987.5,	117.0,	1.5);	(406237.5, 3758937.5,	114.9,	1.5);
(406237.5, 3758887.5,	112.0,	1.5);	(406237.5, 3758837.5,	109.9,	1.5);
(406237.5, 3758787.5,	107.0,	1.5);	(406237.5, 3758737.5,	104.9,	1.5);
(406237.5, 3758687.5,	103.0,	1.5);	(406287.5, 3759437.5,	155.0,	1.5);
(406287.5, 3759387.5,	152.7,	1.5);	(406287.5, 3759337.5,	141.7,	1.5);
(406287.5, 3759287.5,	136.9,	1.5);	(406287.5, 3759237.5,	131.9,	1.5);
(406287.5, 3759187.5,	127.0,	1.5);	(406287.5, 3759137.5,	124.7,	1.5);
(406287.5, 3759087.5,	122.0,	1.5);	(406287.5, 3759037.5,	119.9,	1.5);
(406287.5, 3758987.5,	117.0,	1.5);	(406287.5, 3758937.5,	114.9,	1.5);
(406287.5, 3758887.5,	112.0,	1.5);	(406287.5, 3758837.5,	109.0,	1.5);
(406287.5, 3758787.5,	108.0,	1.5);	(406287.5, 3758737.5,	105.7,	1.5);
(406287.5, 3758687.5,	104.7,	1.5);	(406337.5, 3759437.5,	154.9,	1.5);
(406337.5, 3759387.5,	152.2,	1.5);	(406337.5, 3759337.5,	144.9,	1.5);
(406337.5, 3759287.5,	138.0,	1.5);	(406337.5, 3759237.5,	133.0,	1.5);
(406337.5, 3759187.5,	128.9,	1.5);	(406337.5, 3759137.5,	125.7,	1.5);
(406337.5, 3759087.5,	122.0,	1.5);	(406337.5, 3759037.5,	120.0,	1.5);

Appendix B

PM 24 hour Emissions Mitigated

(406337.5, 3758987.5,	117.0,	1.5);	(406337.5, 3758937.5,	114.0,	1.5);
(406337.5, 3758887.5,	112.0,	1.5);	(406337.5, 3758837.5,	109.2,	1.5);
(406337.5, 3758787.5,	108.0,	1.5);	(406337.5, 3758737.5,	106.7,	1.5);
(406337.5, 3758687.5,	105.8,	1.5);	(406387.5, 3759337.5,	139.9,	1.5);
(406387.5, 3759287.5,	136.9,	1.5);	(406387.5, 3759237.5,	133.0,	1.5);
(406387.5, 3759187.5,	129.7,	1.5);	(406387.5, 3759137.5,	125.9,	1.5);
(406387.5, 3759087.5,	123.0,	1.5);	(406387.5, 3759037.5,	120.0,	1.5);
(406387.5, 3758987.5,	117.7,	1.5);	(406387.5, 3758937.5,	114.9,	1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41

**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 42
 CONC

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406387.5, 3758887.5,	110.9,	1.5);	(406387.5, 3758837.5,	109.0,	1.5);
(406387.5, 3758787.5,	108.0,	1.5);	(406387.5, 3758737.5,	108.0,	1.5);
(406387.5, 3758687.5,	108.0,	1.5);	(406437.5, 3759337.5,	138.9,	1.5);
(406437.5, 3759287.5,	136.0,	1.5);	(406437.5, 3759237.5,	134.0,	1.5);
(406437.5, 3759187.5,	129.9,	1.5);	(406437.5, 3759137.5,	125.9,	1.5);
(406437.5, 3759087.5,	123.0,	1.5);	(406437.5, 3759037.5,	120.0,	1.5);
(406437.5, 3758987.5,	118.0,	1.5);	(406437.5, 3758937.5,	115.9,	1.5);
(406437.5, 3758887.5,	111.7,	1.5);	(406437.5, 3758837.5,	109.0,	1.5);
(406437.5, 3758787.5,	109.0,	1.5);	(406437.5, 3758737.5,	109.0,	1.5);
(406437.5, 3758687.5,	110.0,	1.5);	(406487.5, 3759287.5,	136.9,	1.5);
(406487.5, 3759237.5,	133.9,	1.5);	(406487.5, 3759187.5,	129.0,	1.5);
(406487.5, 3759137.5,	126.0,	1.5);	(406487.5, 3759087.5,	123.0,	1.5);
(406487.5, 3759037.5,	120.7,	1.5);	(406487.5, 3758987.5,	118.9,	1.5);
(406487.5, 3758937.5,	116.7,	1.5);	(406487.5, 3758887.5,	113.0,	1.5);
(406487.5, 3758837.5,	111.7,	1.5);	(406487.5, 3758787.5,	111.8,	1.5);
(406487.5, 3758737.5,	112.0,	1.5);	(406487.5, 3758687.5,	111.7,	1.5);
(406537.5, 3759237.5,	134.0,	1.5);	(406537.5, 3759187.5,	130.0,	1.5);
(406537.5, 3759137.5,	126.9,	1.5);	(406537.5, 3759087.5,	124.7,	1.5);
(406537.5, 3759037.5,	122.0,	1.5);	(406537.5, 3758987.5,	118.9,	1.5);
(406537.5, 3758937.5,	115.9,	1.5);	(406537.5, 3758887.5,	115.0,	1.5);
(406537.5, 3758837.5,	116.0,	1.5);	(406537.5, 3758787.5,	115.8,	1.5);
(406537.5, 3758737.5,	114.7,	1.5);	(406537.5, 3758687.5,	113.7,	1.5);
(406587.5, 3759237.5,	136.7,	1.5);	(406587.5, 3759187.5,	133.0,	1.5);
(406587.5, 3759137.5,	129.0,	1.5);	(406587.5, 3759087.5,	126.0,	1.5);
(406587.5, 3759037.5,	123.0,	1.5);	(406587.5, 3758987.5,	120.0,	1.5);
(406587.5, 3758937.5,	118.8,	1.5);	(406587.5, 3758887.5,	118.8,	1.5);
(406587.5, 3758837.5,	118.8,	1.5);	(406587.5, 3758787.5,	117.7,	1.5);
(406587.5, 3758737.5,	116.0,	1.5);	(406587.5, 3758687.5,	115.0,	1.5);
(406587.5, 3758637.5,	113.0,	1.5);	(406637.5, 3759187.5,	135.0,	1.5);
(406637.5, 3759137.5,	130.9,	1.5);	(406637.5, 3759087.5,	128.0,	1.5);
(406637.5, 3759037.5,	123.0,	1.5);	(406637.5, 3758987.5,	122.0,	1.5);
(406637.5, 3758937.5,	122.7,	1.5);	(406637.5, 3758887.5,	122.7,	1.5);
(406637.5, 3758837.5,	121.0,	1.5);	(406637.5, 3758787.5,	119.0,	1.5);
(406637.5, 3758737.5,	117.0,	1.5);	(406637.5, 3758687.5,	115.9,	1.5);
(406687.5, 3759137.5,	130.9,	1.5);	(406687.5, 3759087.5,	128.0,	1.5);
(406687.5, 3759037.5,	127.0,	1.5);	(406687.5, 3758987.5,	126.9,	1.5);
(406687.5, 3758937.5,	126.7,	1.5);	(406687.5, 3758887.5,	123.9,	1.5);
(406687.5, 3758837.5,	122.0,	1.5);	(406687.5, 3758737.5,	117.0,	1.5);
(406737.5, 3759137.5,	133.7,	1.5);	(406737.5, 3759037.5,	133.7,	1.5);
(406737.5, 3758987.5,	130.9,	1.5);	(406737.5, 3758937.5,	127.2,	1.5);
(406737.5, 3758637.5,	117.0,	1.5);	(406787.5, 3759037.5,	138.7,	1.5);
(406787.5, 3758987.5,	131.9,	1.5);	(406787.5, 3758937.5,	127.0,	1.5);
(406787.5, 3758687.5,	120.0,	1.5);	(406787.5, 3758637.5,	116.0,	1.5);
(406837.5, 3758737.5,	123.9,	1.5);	(406837.5, 3758687.5,	122.0,	1.5);
(406837.5, 3758637.5,	118.0,	1.5);	(406887.5, 3758787.5,	126.7,	1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41

**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 43
 CONC

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406887.5, 3758737.5,	123.9,	1.5);	(406887.5, 3758687.5,	120.9,	1.5);
(406887.5, 3758637.5,	117.0,	1.5);	(406937.5, 3758737.5,	123.0,	1.5);
(406937.5, 3758687.5,	119.9,	1.5);	(406937.5, 3758637.5,	115.9,	1.5);

Appendix B

PM 24 hour Emissions Mitigated

(406987.5, 3758737.5, 123.0, 1.5);	(406987.5, 3758687.5, 119.9, 1.5);
(406987.5, 3758637.5, 115.0, 1.5);	(407037.5, 3758687.5, 118.1, 1.5);
(407037.5, 3758637.5, 116.0, 1.5);	(407087.5, 3758637.5, 122.0, 1.5);
(407137.5, 3758637.5, 124.8, 1.5);	(407187.5, 3758637.5, 128.7, 1.5);
(407237.5, 3758637.5, 133.7, 1.5);	(407287.5, 3758637.5, 139.8, 1.5);
(407337.5, 3758637.5, 144.7, 1.5);	(407387.5, 3758637.5, 149.5, 1.5);
(407437.5, 3758637.5, 154.0, 1.5);	(407487.5, 3758637.5, 149.4, 1.5);
(407537.5, 3758637.5, 0.0, 1.5);	(407587.5, 3758637.5, 0.0, 1.5);
(407637.5, 3758637.5, 0.0, 1.5);	(407687.5, 3758637.5, 0.0, 1.5);
(407737.5, 3758637.5, 0.0, 1.5);	(407787.5, 3758637.5, 0.0, 1.5);
(407837.5, 3758637.5, 0.0, 1.5);	(407887.5, 3758637.5, 0.0, 1.5);
(407937.5, 3758637.5, 0.0, 1.5);	(407987.5, 3758637.5, 0.0, 1.5);
(408037.5, 3758637.5, 0.0, 1.5);	(408087.5, 3758637.5, 0.0, 1.5);
(405987.5, 3758637.5, 96.0, 1.5);	(405987.5, 3758587.5, 94.7, 1.5);
(406037.5, 3758637.5, 97.0, 1.5);	(406037.5, 3758587.5, 95.7, 1.5);
(406087.5, 3758637.5, 98.0, 1.5);	(406087.5, 3758587.5, 97.0, 1.5);
(406137.5, 3758637.5, 99.0, 1.5);	(406137.5, 3758587.5, 98.0, 1.5);
(406187.5, 3758637.5, 101.0, 1.5);	(406187.5, 3758587.5, 99.8, 1.5);
(406237.5, 3758637.5, 102.0, 1.5);	(406237.5, 3758587.5, 101.7, 1.5);
(406287.5, 3758637.5, 103.8, 1.5);	(406287.5, 3758587.5, 103.8, 1.5);
(406337.5, 3758637.5, 105.0, 1.5);	(406337.5, 3758587.5, 105.0, 1.5);
(406387.5, 3758637.5, 107.0, 1.5);	(406387.5, 3758587.5, 106.0, 1.5);
(406437.5, 3758637.5, 109.0, 1.5);	(406437.5, 3758587.5, 108.0, 1.5);
(406487.5, 3758637.5, 110.7, 1.5);	(406487.5, 3758587.5, 109.0, 1.5);
(406537.5, 3758637.5, 112.0, 1.5);	(406537.5, 3758587.5, 110.7, 1.5);
(406587.5, 3758587.5, 111.0, 1.5);	(406737.5, 3758587.5, 113.9, 1.5);
(406787.5, 3758587.5, 115.7, 1.5);	(406837.5, 3758587.5, 113.1, 1.5);
(406887.5, 3758587.5, 108.0, 1.5);	(406937.5, 3758587.5, 116.0, 1.5);
(406987.5, 3758587.5, 118.0, 1.5);	(407037.5, 3758587.5, 121.8, 1.5);
(407087.5, 3758587.5, 123.0, 1.5);	(407137.5, 3758587.5, 126.0, 1.5);
(407187.5, 3758587.5, 132.6, 1.5);	(407237.5, 3758587.5, 137.7, 1.5);
(407287.5, 3758587.5, 139.0, 1.5);	(407337.5, 3758587.5, 143.8, 1.5);
(407387.5, 3758587.5, 150.3, 1.5);	(407437.5, 3758587.5, 154.7, 1.5);
(407487.5, 3758587.5, 151.4, 1.5);	(407537.5, 3758587.5, 0.0, 1.5);
(407587.5, 3758587.5, 0.0, 1.5);	(407637.5, 3758587.5, 0.0, 1.5);
(407687.5, 3758587.5, 0.0, 1.5);	(407737.5, 3758587.5, 0.0, 1.5);
(407787.5, 3758587.5, 0.0, 1.5);	(407837.5, 3758587.5, 0.0, 1.5);
(407887.5, 3758587.5, 0.0, 1.5);	(407937.5, 3758587.5, 0.0, 1.5);
(407987.5, 3758587.5, 0.0, 1.5);	(408037.5, 3758587.5, 0.0, 1.5);
(408087.5, 3758587.5, 0.0, 1.5);	(408749.8, 3760427.5, 0.0, 0.0);
(408576.4, 3760430.5, 0.0, 0.0);	(408341.8, 3760655.3, 0.0, 0.0);
(408422.1, 3760726.5, 0.0, 0.0);	(408612.5, 3760597.3, 0.0, 0.0);

* *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated

*** 07/29/11
 *** 12:00:41
 *** PAGE 44

**MODELOPTs: URBAN ELEV FLGPOL NOCALM
 CONC

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(408737.2, 3760284.3, 0.0, 0.0);	(407589.2, 3757492.8, 0.0, 0.0);
(406297.8, 3757662.0, 87.0, 0.0);	(406584.2, 3757389.8, 79.0, 0.0);
(407118.8, 3757983.5, 114.2, 0.0);	(406874.3, 3758349.8, 116.0, 0.0);
(406620.2, 3758321.0, 107.0, 0.0);	(406622.5, 3757771.8, 94.1, 0.0);
(406913.0, 3757488.0, 86.7, 0.0);	(406700.6, 3757538.3, 87.1, 0.0);
(407066.2, 3757290.8, 86.2, 0.0);	(407127.3, 3757406.5, 92.0, 0.0);
(408971.5, 3759219.3, 0.0, 0.0);	(408922.5, 3758958.8, 0.0, 0.0);
(408826.5, 3758876.0, 0.0, 0.0);	(409072.4, 3758868.3, 0.0, 0.0);
(408995.0, 3758728.5, 0.0, 0.0);	(408227.3, 3758224.5, 0.0, 0.0);
(408139.7, 3758492.5, 0.0, 0.0);	(408582.0, 3758154.3, 0.0, 0.0);
(408461.6, 3758025.8, 0.0, 0.0);	(407729.4, 3758130.8, 0.0, 0.0);
(407645.4, 3757976.3, 0.0, 0.0);	(407482.9, 3757723.5, 130.9, 0.0);
(405320.4, 3759820.0, 121.0, 0.0);	(405904.1, 3759261.5, 124.5, 0.0);
(405691.5, 3759433.3, 136.0, 0.0);	(405617.4, 3759631.3, 165.1, 0.0);
(405524.7, 3759523.8, 131.7, 0.0);	(405402.4, 3759491.8, 129.0, 0.0);
(405646.0, 3759323.0, 120.1, 0.0);	(405616.3, 3759173.5, 105.0, 0.0);
(405512.6, 3759095.0, 98.0, 0.0);	(405377.5, 3759043.0, 95.0, 0.0);
(405466.3, 3758975.8, 94.0, 0.0);	(405527.8, 3758925.3, 94.0, 0.0);
(406550.6, 3758915.0, 116.0, 0.0);	(406480.5, 3759093.0, 123.0, 0.0);
(406259.7, 3759222.5, 129.4, 0.0);	(406195.8, 3759106.8, 120.9, 0.0);
(406070.3, 3759025.3, 113.0, 0.0);	(405757.6, 3758923.0, 101.4, 0.0);
(405844.4, 3758855.3, 100.8, 0.0);	(406318.1, 3758856.0, 110.8, 0.0);
(406403.5, 3759010.5, 119.1, 0.0);	(406352.0, 3759038.5, 120.0, 0.0);
(406045.0, 3760461.3, 192.0, 0.0);	(407358.3, 3758534.5, 147.9, 0.0);

Appendix B

PM 24 hour Emissions Mitigated

F .35000E-01 .35000E-01 .35000E-01 .35000E-01 .35000E-01 .35000E-01
 *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41
 **MODELOPTs: PAGE 46
 CONC URBAN ELEV FLGPOL NOCALM

*** THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

FILE: c:\ISC\whittier.asc
 FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)
 SURFACE STATION NO.: 53114 UPPER AIR STATION NO.: 91919
 NAME: LOSANGELES NAME: LOSANGELES
 YEAR: 1981 YEAR: 1981

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING HEIGHT (M) RURAL	MIXING HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
81	01	01	01	179.8	1.00	282.6	7	387.2	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	02	169.9	0.00	282.6	7	397.3	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	03	85.0	1.00	283.1	7	407.3	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	04	256.0	1.00	283.7	7	417.4	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	05	174.0	1.00	281.5	7	427.5	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	06	117.0	1.00	281.5	7	437.5	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	07	184.5	1.00	280.4	7	447.6	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	08	134.6	1.00	282.0	6	71.6	202.6	0.0000	0.0	0.0000	0	0.00
81	01	01	09	96.5	1.00	286.5	5	146.0	255.1	0.0000	0.0	0.0000	0	0.00
81	01	01	10	324.1	1.00	290.4	4	220.4	307.7	0.0000	0.0	0.0000	0	0.00
81	01	01	11	314.1	1.34	294.3	3	294.8	360.3	0.0000	0.0	0.0000	0	0.00
81	01	01	12	305.6	1.79	295.4	3	369.2	412.9	0.0000	0.0	0.0000	0	0.00
81	01	01	13	289.7	1.79	297.6	3	443.6	465.4	0.0000	0.0	0.0000	0	0.00
81	01	01	14	259.2	1.34	295.9	2	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	01	01	15	359.8	1.34	294.8	2	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	01	01	16	8.2	1.79	293.1	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	01	01	17	357.6	1.34	290.4	4	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	01	01	18	52.6	1.00	288.1	5	518.0	468.1	0.0000	0.0	0.0000	0	0.00
81	01	01	19	358.0	1.00	287.6	6	518.0	425.6	0.0000	0.0	0.0000	0	0.00
81	01	01	20	33.2	1.00	287.0	7	518.0	383.1	0.0000	0.0	0.0000	0	0.00
81	01	01	21	178.6	1.00	285.9	7	518.0	340.6	0.0000	0.0	0.0000	0	0.00
81	01	01	22	137.0	1.00	285.9	7	518.0	298.0	0.0000	0.0	0.0000	0	0.00
81	01	01	23	90.7	1.00	285.4	7	518.0	255.5	0.0000	0.0	0.0000	0	0.00
81	01	01	24	134.7	1.00	284.8	7	518.0	213.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
 FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

*** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41
 **MODELOPTs: PAGE 47
 CONC URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
409779.53	3759787.50	0.03962	(81071924)	409779.34	3759762.50	0.03946	(81071924)
409779.19	3759737.50	0.03918	(81071924)	409779.03	3759712.50	0.03877	(81071924)
409778.88	3759687.50	0.03826	(81071924)	409778.72	3759662.50	0.03800	(81090724)
409778.53	3759637.50	0.03793	(81090724)	409778.38	3759612.50	0.03782	(81090724)
409778.22	3759587.50	0.03769	(81090724)	409778.06	3759562.50	0.03755	(81090724)
409777.88	3759537.50	0.03740	(81090724)	409777.72	3759512.50	0.03726	(81090724)
409777.56	3759487.50	0.03712	(81090724)	409777.41	3759462.50	0.03699	(81090724)
409777.25	3759437.50	0.03687	(81041524)	409777.06	3759412.50	0.03773	(81041524)
409776.91	3759387.50	0.03848	(81041524)	409776.75	3759362.50	0.03912	(81041524)
409776.56	3759337.50	0.03963	(81041524)	409776.41	3759312.50	0.04001	(81041524)
409776.25	3759287.50	0.04026	(81041524)	409776.09	3759262.50	0.04036	(81041524)
409775.94	3759237.50	0.04032	(81041524)	409775.66	3759212.50	0.04014	(81041524)
409775.38	3759187.50	0.03980	(81041524)	409775.13	3759162.50	0.03932	(81041524)
409774.84	3759137.50	0.03869	(81041524)	409774.59	3759112.50	0.03792	(81041524)

Appendix B

PM 24 hour Emissions Mitigated

407089.50	3758698.00	0.10994	(81012624)	407065.69	3758703.50	0.12862	(81012624)
407045.13	3758717.75	0.14202	(81012624)	407024.56	3758731.75	0.15010	(81012624)
407004.03	3758746.00	0.15448	(81012624)	406983.47	3758760.25	0.15864	(81012624)
406962.94	3758774.50	0.15825	(81012624)	406942.38	3758788.75	0.14665	(81012624)

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

07/29/11

*** ANALYSIS PEAK DAY 24hr PM emissions mitigated

12:00:41

**MODELOPTs:

CONC

URBAN ELEV FLGPOL

NOCALM

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406921.81	3758803.00	0.13096	(81012624)	406901.25	3758817.25	0.11114	(81111924)
406883.91	3758804.50	0.10364	(81111924)	406866.50	3758786.50	0.10432	(81111924)
406849.06	3758768.50	0.10729	(81111924)	406828.84	3758753.75	0.10337	(81111924)
406808.59	3758739.00	0.10111	(81111924)	406788.38	3758724.50	0.09401	(81111924)
406768.13	3758709.75	0.08824	(81111924)	406747.91	3758695.00	0.08283	(81111924)
406730.00	3758678.50	0.07935	(81111924)	406717.97	3758656.75	0.07909	(81111924)
406705.94	3758634.75	0.07745	(81111924)	406693.88	3758612.75	0.07310	(81111924)
406681.84	3758591.00	0.07002	(81111924)	406667.50	3758575.50	0.06737	(81041924)
406646.56	3758589.25	0.06451	(81041924)	406625.63	3758603.00	0.06182	(81041924)
406625.50	3758621.50	0.06073	(81041924)	406639.09	3758642.50	0.06121	(81041924)
406652.69	3758663.50	0.06305	(81041924)	406666.25	3758684.50	0.06456	(81041924)
406679.84	3758705.50	0.06740	(81041924)	406693.44	3758726.50	0.06855	(81041924)
406707.03	3758747.50	0.06916	(81041924)	406720.81	3758768.00	0.06893	(81041924)
406700.25	3758782.00	0.06739	(81041924)	406681.69	3758797.25	0.07668	(81082024)
406695.59	3758818.00	0.07325	(81082024)	406709.50	3758839.00	0.07284	(81082024)
406723.44	3758859.75	0.07064	(81082024)	406737.34	3758880.50	0.07082	(81122424)
406756.84	3758895.50	0.07174	(81111924)	406778.28	3758908.50	0.07947	(81111924)
406799.72	3758921.25	0.09008	(81111924)	406821.16	3758934.25	0.09466	(81111924)
406830.97	3758956.25	0.09685	(81111924)	406839.75	3758979.75	0.09764	(81111924)
406848.53	3759003.25	0.10975	(81111924)	406844.09	3759021.75	0.12138	(81111924)
406823.38	3759035.75	0.13333	(81111924)	406802.63	3759049.75	0.13844	(81103024)
406781.88	3759063.75	0.15427	(81103024)	406761.16	3759077.75	0.15722	(81122424)
406740.41	3759091.50	0.12849	(81122424)	406747.50	3759112.50	0.12446	(81122424)
406760.22	3759134.00	0.12023	(81122424)	406747.75	3759150.00	0.10689	(81112824)
406732.22	3759166.50	0.09640	(81112824)	406714.66	3759177.00	0.09399	(81112024)
406693.59	3759190.50	0.11702	(81111024)	406672.50	3759204.00	0.13603	(81111024)
406651.41	3759217.25	0.14671	(81111024)	406630.34	3759230.75	0.16213	(81112824)
406609.25	3759244.25	0.19220	(81112824)	406588.16	3759257.75	0.21605	(81112824)
406567.09	3759271.00	0.22440	(81112824)	406546.00	3759284.50	0.22680	(81112824)
406524.91	3759298.00	0.21918	(81112824)	406503.81	3759311.50	0.20332	(81112824)
406482.75	3759324.75	0.18932	(81112824)	406461.66	3759338.25	0.17784	(81112824)
406440.59	3759351.75	0.16896	(81112824)	406419.50	3759365.25	0.16731	(81030524)
406398.41	3759378.50	0.17346	(81031024)	406377.03	3759392.25	0.19645	(81022824)
406375.66	3759417.25	0.23911	(81030124)	406374.28	3759442.25	0.30242	(81022824)
406372.91	3759467.25	0.37440	(81022824)	406351.53	3759469.50	0.46467	(81022824)
406326.53	3759468.75	0.50246	(81022824)	406301.56	3759468.00	0.52444	(81022824)
406276.56	3759467.25	0.50967	(81022824)	406251.56	3759466.50	0.49342	(81022824)
406226.59	3759465.75	0.48725	(81022824)	406201.59	3759465.00	0.46225	(81022824)
406176.59	3759464.25	0.37820	(81022824)	406171.34	3759484.50	0.35633	(81022824)
406171.63	3759509.50	0.34982	(81022824)	406171.91	3759534.50	0.37793	(81022824)

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

07/29/11

*** ANALYSIS PEAK DAY 24hr PM emissions mitigated

12:00:41

**MODELOPTs:

CONC

URBAN ELEV FLGPOL

NOCALM

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406172.19	3759559.50	0.41743	(81022824)	406172.47	3759584.50	0.46388	(81022824)
406172.75	3759609.50	0.49648	(81022824)	406173.03	3759634.50	0.51381	(81022824)
406173.28	3759659.50	0.48085	(81032424)	406173.56	3759684.50	0.57309	(81032424)
406173.84	3759709.50	0.54715	(81032424)	406174.13	3759734.50	0.45932	(81032424)

Appendix B

PM 24 hour Emissions Mitigated

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It lists various emission points and their coordinates. Includes sub-sections for 'WHITTIER MATRIX OIL PROJECT ANALYSIS PEAK DAY 24hr PM emissions mitigated' and 'DISCRETE CARTESIAN RECEPTOR POINTS'.

Appendix B

PM 24 hour Emissions Mitigated

405632.09	3760691.50	0.27557	(81082124)	405632.81	3760716.50	0.27222	(81082124)	
405633.53	3760741.50	0.27094	(81082124)	405634.22	3760766.50	0.30238	(81082124)	
405634.94	3760791.50	0.30200	(81082124)	405635.63	3760816.50	0.30619	(81122724)	
405636.34	3760841.50	0.31169	(81082124)	405637.06	3760866.50	0.32000	(81082124)	
405637.75	3760891.50	0.32900	(81082124)	405638.47	3760916.50	0.33152	(81082124)	
405639.16	3760941.50	0.33304	(81082124)	405639.88	3760966.50	0.33140	(81082124)	
405644.09	3760990.75	0.30530	(81082124)	405653.31	3761014.00	0.30276	(81082124)	
405653.75	3761039.00	0.29764	(81082124)	405654.16	3761064.00	0.29070	(81082124)	
405654.53	3761089.00	0.26949	(81081124)	405672.81	3761096.25	0.27565	(81081124)	
405697.78	3761095.50	0.28126	(81081124)	405722.78	3761095.00	0.28638	(81081124)	
405747.78	3761094.50	0.28997	(81081124)	405772.78	3761093.75	0.29212	(81081124)	
405797.75	3761093.25	0.28937	(81081124)	405822.75	3761092.50	0.26803	(81080924)	
405847.75	3761092.00	0.26235	(81080924)	405872.75	3761091.50	0.26670	(81080924)	
405897.72	3761090.75	0.27014	(81080924)	405922.72	3761090.25	0.27544	(81080924)	
• *** ISCST3 - VERSION 02035 ***				*** WHITTIER MATRIX OIL PROJECT				*** 07/29/11
MODELOPTs:				* ANALYSIS PEAK DAY 24hr PM emissions mitigated				*** 12:00:41
CONC				NOCALM				PAGE 52

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER				IN MICROGRAMS/M**3				
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
405947.72	3761089.50	0.28417	(81082824)	405972.72	3761089.00	0.28757	(81082824)	
405997.72	3761088.50	0.28624	(81082824)	406022.69	3761087.75	0.28382	(81082824)	
406047.69	3761087.25	0.28789	(81082824)	406072.69	3761086.50	0.26371	(81062324)	
406097.69	3761086.00	0.26917	(81062324)	406122.66	3761085.50	0.28412	(81062324)	
406147.66	3761084.75	0.31104	(81062324)	406172.66	3761084.25	0.35324	(81062324)	
406197.66	3761083.50	0.35563	(81062324)	406222.66	3761083.00	0.31436	(81062324)	
406247.63	3761082.50	0.32507	(81071124)	406272.63	3761081.75	0.32915	(81071124)	
406297.63	3761081.25	0.32398	(81071124)	406322.59	3761080.50	0.32414	(81071124)	
406347.59	3761080.00	0.34815	(81062324)	406372.59	3761079.50	0.35072	(81062324)	
406397.59	3761078.75	0.35998	(81062324)	406422.59	3761078.25	0.36898	(81062324)	
406447.56	3761077.50	0.37279	(81062324)	406472.56	3761077.00	0.31963	(81062324)	
406497.56	3761076.50	0.31922	(81062324)	406522.56	3761075.75	0.30743	(81071124)	
406547.53	3761075.25	0.30702	(81071124)	406572.53	3761074.50	0.30116	(81092024)	
406597.53	3761074.00	0.30889	(81051224)	406622.53	3761073.50	0.29441	(81051224)	
406647.53	3761072.75	0.30190	(81051224)	406672.50	3761072.25	0.30678	(81051224)	
406697.50	3761071.50	0.29511	(81092024)	406722.50	3761071.00	0.29476	(81092024)	
406747.50	3761070.50	0.30701	(81092024)	406772.50	3761069.75	0.32197	(81092024)	
406797.47	3761069.25	0.30889	(81092024)	406822.47	3761068.50	0.30729	(81092024)	
406847.47	3761068.00	0.30526	(81092024)	406872.47	3761067.50	0.30559	(81092024)	
406897.44	3761066.75	0.25653	(81052324)	406922.44	3761066.25	0.26613	(81092024)	
406947.44	3761065.50	0.27220	(81092024)	406972.41	3761065.00	0.28858	(81092024)	
406997.41	3761064.50	0.28637	(81092024)	407021.13	3761061.75	0.29611	(81070724)	
407020.31	3761036.75	0.31143	(81070724)	407019.50	3761011.75	0.30946	(81070724)	
407018.69	3760986.75	0.30651	(81070724)	407017.84	3760961.75	0.30135	(81070724)	
407017.03	3760936.75	0.30059	(81070724)	407016.22	3760911.75	0.29914	(81070724)	
407015.41	3760886.75	0.27215	(81042324)	407014.59	3760861.75	0.28030	(81042324)	
407013.75	3760836.75	0.28828	(81042324)	407012.94	3760811.75	0.29743	(81070724)	
407012.13	3760787.00	0.35131	(81051224)	407011.31	3760762.00	0.36642	(81051224)	
407010.47	3760737.00	0.38437	(81092024)	407009.66	3760712.00	0.40660	(81092024)	
407008.84	3760687.00	0.43190	(81092024)	407008.03	3760662.00	0.45834	(81092024)	
407031.94	3760661.50	0.50225	(81070724)	407056.94	3760661.25	0.50223	(81070724)	
407081.94	3760661.25	0.46746	(81060824)	407106.94	3760661.00	0.47427	(81060824)	
407131.91	3760660.75	0.45152	(81060824)	407156.94	3760660.50	0.42602	(81060824)	
407181.94	3760660.25	0.41013	(81060824)	407206.91	3760660.00	0.48428	(81060824)	
407231.91	3760660.00	0.46887	(81060824)	407256.91	3760659.75	0.47082	(81060824)	
407281.91	3760659.50	0.46574	(81060824)	407306.91	3760659.25	0.47679	(81060824)	
407331.91	3760659.00	0.48185	(81060824)	407356.91	3760659.00	0.45275	(81060824)	
407381.91	3760658.75	0.36876	(81060824)	407406.91	3760658.50	0.37156	(81060824)	
407431.91	3760658.25	0.36808	(81060824)	407456.91	3760658.00	0.31489	(81070724)	
407481.91	3760657.75	0.27607	(81090524)	407506.91	3760657.75	0.33226	(81052524)	
• *** ISCST3 - VERSION 02035 ***				*** WHITTIER MATRIX OIL PROJECT				*** 07/29/11
MODELOPTs:				* ANALYSIS PEAK DAY 24hr PM emissions mitigated				*** 12:00:41
CONC				NOCALM				PAGE 53

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

Appendix B

PM 24 hour Emissions Mitigated
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER IN MICROGRAMS/M**3					
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407531.91	3760657.50	0.29060	(81052524)	407556.91	3760657.25	0.06677	(81120524)
407581.91	3760657.00	0.06664	(81120524)	407606.91	3760656.75	0.06627	(81120524)
407631.91	3760656.75	0.06569	(81120524)	407656.91	3760656.50	0.06492	(81120524)
407681.91	3760656.25	0.06401	(81120524)	407706.91	3760656.00	0.06297	(81120524)
407731.91	3760655.75	0.06183	(81120524)	407756.91	3760655.50	0.06062	(81120524)
407781.91	3760655.50	0.05937	(81120524)	407806.91	3760655.25	0.05808	(81120524)
407831.91	3760655.00	0.05677	(81120524)	407856.91	3760654.75	0.05545	(81120524)
407881.91	3760654.50	0.05413	(81120524)	407906.91	3760654.25	0.05280	(81120524)
407931.91	3760654.25	0.05148	(81120524)	407956.91	3760654.00	0.05015	(81120524)
407981.91	3760653.75	0.04881	(81120524)	408006.91	3760653.50	0.04746	(81120524)
408031.88	3760653.25	0.04610	(81120524)	408056.88	3760653.25	0.04473	(81120524)
408081.91	3760653.00	0.04426	(81061824)	408106.91	3760652.75	0.04426	(81061824)
408131.88	3760652.50	0.04427	(81061924)	408156.88	3760652.25	0.04531	(81061924)
408181.88	3760652.00	0.04637	(81061924)	408206.88	3760652.00	0.04739	(81061924)
408225.75	3760645.00	0.04877	(81061924)	408224.94	3760620.00	0.05099	(81061924)
408224.16	3760595.00	0.05324	(81061924)	408223.34	3760570.00	0.05546	(81061924)
408222.56	3760545.00	0.05761	(81061924)	408221.75	3760520.00	0.05966	(81061924)
408220.94	3760495.00	0.06154	(81061924)	408220.16	3760470.00	0.06321	(81061924)
408219.34	3760445.00	0.06463	(81061924)	408218.56	3760420.00	0.06573	(81061924)
408217.75	3760395.00	0.06648	(81061924)	408216.94	3760370.00	0.06685	(81061924)
408216.16	3760345.00	0.06680	(81061924)	408215.34	3760320.00	0.06631	(81061924)
408214.56	3760295.00	0.06539	(81061924)	408213.75	3760270.00	0.06403	(81061924)
408212.97	3760245.25	0.06228	(81061924)	408212.16	3760220.25	0.06014	(81061924)
408211.38	3760195.25	0.05765	(81061924)	408210.56	3760170.25	0.05487	(81061924)
408209.75	3760145.25	0.05186	(81061924)	408208.97	3760120.25	0.04866	(81061924)
408208.16	3760095.25	0.04535	(81061924)	408207.38	3760070.25	0.04577	(81062124)
408206.56	3760045.25	0.04769	(81062124)	408205.75	3760020.25	0.04915	(81062124)
408204.97	3759995.25	0.05009	(81062124)	408204.16	3759970.25	0.05051	(81062124)
408203.38	3759945.25	0.05042	(81062124)	408202.56	3759920.25	0.04984	(81062124)
408201.78	3759895.25	0.05062	(81071924)	408200.97	3759870.25	0.05376	(81071924)
408201.59	3759847.50	0.05655	(81071924)	408226.56	3759847.25	0.05637	(81071924)
408251.56	3759846.75	0.05621	(81071924)	408276.56	3759846.25	0.05603	(81071924)
408301.56	3759846.00	0.05581	(81071924)	408326.56	3759845.50	0.05560	(81071924)
408351.56	3759845.25	0.05536	(81071924)	408376.56	3759844.75	0.05512	(81071924)
408401.56	3759844.50	0.05485	(81071924)	408426.56	3759844.00	0.05460	(81071924)
408451.53	3759843.75	0.05431	(81071924)	408476.53	3759843.25	0.05404	(81071924)
408501.53	3759842.75	0.05375	(81071924)	408526.53	3759842.50	0.05345	(81071924)
408551.53	3759842.00	0.05315	(81071924)	408576.53	3759841.75	0.05283	(81071924)
408601.53	3759841.25	0.05253	(81071924)	408626.53	3759841.00	0.05221	(81071924)
408651.53	3759840.50	0.05189	(81071924)	408676.53	3759840.25	0.05157	(81071924)

* *** ISCS3 - VERSION 02035 ***

** WHITTIER MATRIX OIL PROJECT
 ** ANALYSIS PEAK DAY 24hr PM emissions mitigated

*** 07/29/11
 *** 12:00:41
 *** PAGE 54

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER IN MICROGRAMS/M**3					
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
408701.53	3759839.75	0.05125	(81071924)	408726.50	3759839.50	0.05092	(81071924)
408751.50	3759839.00	0.05061	(81071924)	408776.50	3759838.50	0.05029	(81071924)
408801.50	3759838.25	0.04996	(81071924)	408826.50	3759837.75	0.04965	(81071924)
408851.50	3759837.50	0.04932	(81071924)	408876.50	3759837.00	0.04901	(81071924)
408901.50	3759836.75	0.04869	(81071924)	408926.50	3759836.25	0.04838	(81071924)
408951.50	3759836.00	0.04806	(81071924)	408976.47	3759835.50	0.04776	(81071924)
409001.50	3759835.00	0.04746	(81071924)	409026.47	3759834.75	0.04715	(81071924)
409051.47	3759834.25	0.04686	(81071924)	409076.47	3759834.00	0.04656	(81071924)
409101.47	3759833.50	0.04627	(81071924)	409126.47	3759833.25	0.04597	(81071924)
409151.47	3759833.00	0.04569	(81071924)	409176.47	3759832.50	0.04541	(81071924)
409201.47	3759832.25	0.04513	(81071924)	409226.47	3759832.00	0.04485	(81071924)
409251.47	3759831.50	0.04458	(81071924)	409276.44	3759831.25	0.04431	(81071924)
409301.44	3759831.00	0.04404	(81071924)	409326.44	3759830.50	0.04379	(81071924)
409351.44	3759830.25	0.04353	(81071924)	409376.44	3759830.00	0.04327	(81071924)
409401.44	3759829.50	0.04303	(81071924)	409426.44	3759829.25	0.04278	(81071924)
409451.44	3759829.00	0.04253	(81071924)	409476.44	3759828.50	0.04230	(81071924)

Appendix B

PM 24 hour Emissions Mitigated

406062.50 3758162.50 0.07336 (81082024) 406062.50 3758137.50 0.07492 (81082024)
 406087.50 3758512.50 0.06426 (81022724) 406087.50 3758487.50 0.06190 (81022724)
 • *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41
 **MODELOPTs: PAGE 56
 CONC URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406087.50	3758462.50	0.05884	(81022724)	406087.50	3758437.50	0.05432	(81022724)
406087.50	3758412.50	0.05370	(81112924)	406087.50	3758387.50	0.05504	(81082024)
406087.50	3758362.50	0.05901	(81082024)	406087.50	3758337.50	0.06240	(81082024)
406087.50	3758312.50	0.06585	(81082024)	406087.50	3758287.50	0.06892	(81082024)
406087.50	3758262.50	0.07031	(81082024)	406087.50	3758237.50	0.07268	(81082024)
406087.50	3758212.50	0.07428	(81082024)	406087.50	3758187.50	0.07449	(81082024)
406087.50	3758162.50	0.07572	(81082024)	406087.50	3758137.50	0.07660	(81082024)
406112.50	3758512.50	0.06211	(81022724)	406112.50	3758487.50	0.05915	(81022724)
406112.50	3758462.50	0.05457	(81022724)	406112.50	3758437.50	0.05439	(81112924)
406112.50	3758412.50	0.05639	(81082024)	406112.50	3758387.50	0.05924	(81082024)
406112.50	3758362.50	0.06299	(81082024)	406112.50	3758337.50	0.06644	(81082024)
406112.50	3758312.50	0.06906	(81082024)	406112.50	3758287.50	0.07180	(81082024)
406112.50	3758262.50	0.07415	(81082024)	406112.50	3758237.50	0.07610	(81082024)
406112.50	3758212.50	0.07632	(81082024)	406112.50	3758187.50	0.07749	(81082024)
406112.50	3758162.50	0.07772	(81082024)	406112.50	3758137.50	0.07816	(81082024)
406137.50	3758512.50	0.05929	(81022724)	406137.50	3758487.50	0.05440	(81022724)
406137.50	3758462.50	0.05506	(81112924)	406137.50	3758437.50	0.05735	(81082024)
406137.50	3758412.50	0.06015	(81082024)	406137.50	3758387.50	0.06394	(81082024)
406137.50	3758362.50	0.06742	(81082024)	406137.50	3758337.50	0.07053	(81082024)
406137.50	3758312.50	0.07326	(81082024)	406137.50	3758287.50	0.07559	(81082024)
406137.50	3758262.50	0.07708	(81082024)	406137.50	3758237.50	0.07858	(81082024)
406137.50	3758212.50	0.07884	(81082024)	406137.50	3758187.50	0.07884	(81082024)
406137.50	3758162.50	0.07919	(81082024)	406137.50	3758137.50	0.07919	(81082024)
406162.50	3758512.50	0.05562	(81110224)	406162.50	3758487.50	0.05570	(81112924)
406162.50	3758462.50	0.05843	(81082024)	406162.50	3758437.50	0.06152	(81082024)
406162.50	3758412.50	0.06536	(81082024)	406162.50	3758387.50	0.06887	(81082024)
406162.50	3758362.50	0.07055	(81082024)	406162.50	3758337.50	0.07324	(81082024)
406162.50	3758312.50	0.07521	(81082024)	406162.50	3758287.50	0.07682	(81082024)
406162.50	3758262.50	0.07825	(81082024)	406162.50	3758237.50	0.07928	(81082024)
406162.50	3758212.50	0.07990	(81082024)	406162.50	3758187.50	0.08015	(81082024)
406162.50	3758162.50	0.08004	(81082024)	406162.50	3758137.50	0.07959	(81082024)
406187.50	3758512.50	0.05626	(81112924)	406187.50	3758487.50	0.06002	(81082024)
406187.50	3758462.50	0.06287	(81082024)	406187.50	3758437.50	0.06676	(81082024)
406187.50	3758412.50	0.07005	(81082024)	406187.50	3758387.50	0.07292	(81082024)
406187.50	3758362.50	0.07403	(81082024)	406187.50	3758337.50	0.07626	(81082024)
406187.50	3758312.50	0.07806	(81082024)	406187.50	3758287.50	0.07942	(81082024)
406187.50	3758262.50	0.08036	(81082024)	406187.50	3758237.50	0.08089	(81082024)
406187.50	3758212.50	0.08103	(81082024)	406187.50	3758187.50	0.08080	(81082024)
406187.50	3758162.50	0.07981	(81082024)	406187.50	3758137.50	0.07746	(81082024)
406212.50	3758512.50	0.06175	(81082024)	406212.50	3758487.50	0.06474	(81082024)

• *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41
 **MODELOPTs: PAGE 57
 CONC URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406212.50	3758462.50	0.06808	(81082024)	406212.50	3758437.50	0.07162	(81082024)
406212.50	3758412.50	0.07325	(81082024)	406212.50	3758387.50	0.07531	(81082024)
406212.50	3758362.50	0.07809	(81082024)	406212.50	3758337.50	0.07924	(81082024)
406212.50	3758312.50	0.08053	(81082024)	406212.50	3758287.50	0.08137	(81082024)
406212.50	3758262.50	0.08180	(81082024)	406212.50	3758237.50	0.08182	(81082024)
406212.50	3758212.50	0.08145	(81082024)	406212.50	3758187.50	0.08073	(81082024)

Appendix B

PM 24 hour Emissions Mitigated

406412.50	3758262.50	0.05718	(81082024)	406412.50	3758237.50	0.05368	(81121524)
406412.50	3758212.50	0.05411	(81121524)	406412.50	3758187.50	0.05474	(81121524)
406412.50	3758162.50	0.05569	(81121524)	406412.50	3758137.50	0.05645	(81121524)
406437.50	3758512.50	0.08495	(81082024)	406437.50	3758487.50	0.08309	(81082024)
406437.50	3758462.50	0.08011	(81082024)	406437.50	3758437.50	0.07742	(81082024)
406437.50	3758412.50	0.07517	(81082024)	406437.50	3758387.50	0.07207	(81082024)
406437.50	3758362.50	0.06776	(81082024)	406437.50	3758337.50	0.06474	(81082024)
406437.50	3758312.50	0.05994	(81082024)	406437.50	3758287.50	0.05690	(81121524)
406437.50	3758262.50	0.05538	(81121524)	406437.50	3758237.50	0.05386	(81121524)
406437.50	3758212.50	0.05459	(81121524)	406437.50	3758187.50	0.05543	(81121524)
406437.50	3758162.50	0.05608	(81121524)	406437.50	3758137.50	0.05655	(81121524)
406462.50	3758512.50	0.08212	(81082024)	406462.50	3758487.50	0.07806	(81082024)

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 59
 CONC

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMDDHH)
406462.50	3758462.50	0.07604	(81082024)	406462.50	3758437.50	0.07205	(81082024)
406462.50	3758412.50	0.06879	(81082024)	406462.50	3758387.50	0.06583	(81082024)
406462.50	3758362.50	0.06202	(81082024)	406462.50	3758337.50	0.05861	(81121524)
406462.50	3758312.50	0.05964	(81121524)	406462.50	3758287.50	0.05882	(81121524)
406462.50	3758262.50	0.05529	(81121524)	406462.50	3758237.50	0.05420	(81121524)
406462.50	3758212.50	0.05493	(81121524)	406462.50	3758187.50	0.05591	(81121524)
406462.50	3758162.50	0.05678	(81121524)	406462.50	3758137.50	0.05781	(81121524)
406487.50	3758512.50	0.07872	(81082024)	406487.50	3758487.50	0.07431	(81082024)
406487.50	3758462.50	0.06962	(81082024)	406487.50	3758437.50	0.06676	(81082024)
406487.50	3758412.50	0.06184	(81082024)	406487.50	3758387.50	0.05864	(81082024)
406487.50	3758362.50	0.06038	(81121524)	406487.50	3758337.50	0.06015	(81121524)
406487.50	3758312.50	0.06141	(81121524)	406487.50	3758287.50	0.06071	(81121524)
406487.50	3758262.50	0.05442	(81121524)	406487.50	3758237.50	0.05416	(81121524)
406487.50	3758212.50	0.05593	(81121524)	406487.50	3758187.50	0.05745	(81121524)
406487.50	3758162.50	0.05793	(81041924)	406487.50	3758137.50	0.06009	(81111924)
406512.50	3758512.50	0.07234	(81082024)	406512.50	3758487.50	0.06749	(81082024)
406512.50	3758462.50	0.06257	(81082024)	406512.50	3758437.50	0.05771	(81082024)
406512.50	3758412.50	0.05847	(81121524)	406512.50	3758387.50	0.06014	(81121524)
406512.50	3758362.50	0.06034	(81121524)	406512.50	3758337.50	0.06087	(81121524)
406512.50	3758312.50	0.06036	(81121524)	406512.50	3758287.50	0.05730	(81121524)
406512.50	3758262.50	0.05440	(81041924)	406512.50	3758237.50	0.05602	(81041924)
406512.50	3758212.50	0.06036	(81041924)	406512.50	3758187.50	0.06225	(81111924)
406512.50	3758162.50	0.06451	(81111924)	406512.50	3758137.50	0.06662	(81111924)
406537.50	3758512.50	0.06601	(81082024)	406537.50	3758487.50	0.06006	(81082024)
406537.50	3758462.50	0.05805	(81121524)	406537.50	3758437.50	0.05803	(81121524)
406537.50	3758412.50	0.05958	(81121524)	406537.50	3758387.50	0.05939	(81121524)
406537.50	3758362.50	0.05929	(81121524)	406537.50	3758337.50	0.05895	(81121524)
406537.50	3758312.50	0.05915	(81041924)	406537.50	3758287.50	0.05953	(81041924)
406537.50	3758262.50	0.06074	(81041924)	406537.50	3758237.50	0.06647	(81111924)
406537.50	3758212.50	0.06763	(81111924)	406537.50	3758187.50	0.06860	(81111924)
406537.50	3758162.50	0.06975	(81111924)	406537.50	3758137.50	0.07104	(81111924)
406562.50	3758512.50	0.06051	(81121524)	406562.50	3758487.50	0.05936	(81121524)
406562.50	3758462.50	0.05885	(81121524)	406562.50	3758437.50	0.05864	(81121524)
406562.50	3758412.50	0.05837	(81041924)	406562.50	3758387.50	0.05868	(81041924)
406562.50	3758362.50	0.05993	(81041924)	406562.50	3758337.50	0.06106	(81041924)
406562.50	3758312.50	0.06246	(81111924)	406562.50	3758287.50	0.06597	(81111924)
406562.50	3758262.50	0.06933	(81111924)	406562.50	3758237.50	0.07206	(81111924)
406562.50	3758212.50	0.07302	(81111924)	406562.50	3758187.50	0.07445	(81111924)
406562.50	3758162.50	0.07504	(81111924)	406562.50	3758137.50	0.07601	(81111924)
406587.50	3758512.50	0.06240	(81121524)	406587.50	3758487.50	0.06044	(81041924)

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 60
 CONC

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Appendix B

PM 24 hour Emissions Mitigated								
** CONC OF OTHER				IN MICROGRAMS/M**3				
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
406587.50	3758462.50	0.06011	(81041924)	406587.50	3758437.50	0.05984	(81041924)	
406587.50	3758412.50	0.06111	(81041924)	406587.50	3758387.50	0.06196	(81041924)	
406587.50	3758362.50	0.06289	(81111924)	406587.50	3758337.50	0.06604	(81111924)	
406587.50	3758312.50	0.07012	(81111924)	406587.50	3758287.50	0.07253	(81111924)	
406587.50	3758262.50	0.07460	(81111924)	406587.50	3758237.50	0.07646	(81111924)	
406587.50	3758212.50	0.07809	(81111924)	406587.50	3758187.50	0.07916	(81111924)	
406587.50	3758162.50	0.07915	(81111924)	406587.50	3758137.50	0.07981	(81111924)	
406612.50	3758512.50	0.06426	(81041924)	406612.50	3758487.50	0.06327	(81041924)	
406612.50	3758462.50	0.06183	(81041924)	406612.50	3758437.50	0.06203	(81041924)	
406612.50	3758412.50	0.06377	(81111924)	406612.50	3758387.50	0.06538	(81111924)	
406612.50	3758362.50	0.06994	(81111924)	406612.50	3758337.50	0.07370	(81111924)	
406612.50	3758312.50	0.07720	(81111924)	406612.50	3758287.50	0.07883	(81111924)	
406612.50	3758262.50	0.08047	(81111924)	406612.50	3758237.50	0.08142	(81111924)	
406612.50	3758212.50	0.08196	(81111924)	406612.50	3758187.50	0.08194	(81111924)	
406612.50	3758162.50	0.08268	(81111924)	406612.50	3758137.50	0.08320	(81111924)	
406637.50	3758512.50	0.06574	(81041924)	406637.50	3758487.50	0.06540	(81041924)	
406637.50	3758462.50	0.06589	(81111924)	406637.50	3758437.50	0.06628	(81111924)	
406637.50	3758412.50	0.06948	(81111924)	406637.50	3758387.50	0.07406	(81111924)	
406637.50	3758362.50	0.07879	(81111924)	406637.50	3758337.50	0.08327	(81111924)	
406637.50	3758312.50	0.08507	(81111924)	406637.50	3758287.50	0.08490	(81111924)	
406637.50	3758262.50	0.08500	(81111924)	406637.50	3758237.50	0.08488	(81111924)	
406637.50	3758212.50	0.08433	(81111924)	406637.50	3758187.50	0.08443	(81111924)	
406637.50	3758162.50	0.08355	(81111924)	406637.50	3758137.50	0.08366	(81111924)	
406662.50	3758512.50	0.07141	(81111924)	406662.50	3758487.50	0.07257	(81111924)	
406662.50	3758462.50	0.07389	(81111924)	406662.50	3758437.50	0.07642	(81111924)	
406662.50	3758412.50	0.08037	(81111924)	406662.50	3758387.50	0.08231	(81111924)	
406662.50	3758362.50	0.08575	(81111924)	406662.50	3758337.50	0.08848	(81111924)	
406662.50	3758312.50	0.08890	(81111924)	406662.50	3758287.50	0.08859	(81111924)	
406662.50	3758262.50	0.08746	(81111924)	406662.50	3758237.50	0.08670	(81111924)	
406662.50	3758212.50	0.08647	(81111924)	406662.50	3758187.50	0.08494	(81111924)	
406662.50	3758162.50	0.08481	(81111924)	406662.50	3758137.50	0.08309	(81111924)	
406687.50	3758512.50	0.07646	(81111924)	406687.50	3758487.50	0.07895	(81111924)	
406687.50	3758462.50	0.08120	(81111924)	406687.50	3758437.50	0.08468	(81111924)	
406687.50	3758412.50	0.08677	(81111924)	406687.50	3758387.50	0.08775	(81111924)	
406687.50	3758362.50	0.09000	(81111924)	406687.50	3758337.50	0.09148	(81111924)	
406687.50	3758312.50	0.09062	(81111924)	406687.50	3758287.50	0.08918	(81111924)	
406687.50	3758262.50	0.08843	(81111924)	406687.50	3758237.50	0.08758	(81111924)	
406687.50	3758212.50	0.08584	(81111924)	406687.50	3758187.50	0.08544	(81111924)	
406687.50	3758162.50	0.08355	(81111924)	406687.50	3758137.50	0.08160	(81111924)	
406712.50	3758512.50	0.08033	(81111924)	406712.50	3758487.50	0.08294	(81111924)	
* *** IS CST3 - VERSION 02035 ***		*** WHITTIER MATRIX OIL PROJECT				***		07/29/11
		*** ANALYSIS PEAK DAY 24hr PM emissions mitigated				***		12:00:41
**MODELOPTs:		URBAN ELEV FLGPOL				NOCALM		PAGE 61
CONC								
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***								
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,								
*** DISCRETE CARTESIAN RECEPTOR POINTS ***								
** CONC OF OTHER				IN MICROGRAMS/M**3				
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
406712.50	3758462.50	0.08603	(81111924)	406712.50	3758437.50	0.08799	(81111924)	
406712.50	3758412.50	0.09052	(81111924)	406712.50	3758387.50	0.09132	(81111924)	
406712.50	3758362.50	0.09183	(81111924)	406712.50	3758337.50	0.09203	(81111924)	
406712.50	3758312.50	0.09034	(81111924)	406712.50	3758287.50	0.08851	(81111924)	
406712.50	3758262.50	0.08821	(81111924)	406712.50	3758237.50	0.08620	(81111924)	
406712.50	3758212.50	0.08563	(81111924)	406712.50	3758187.50	0.08356	(81111924)	
406712.50	3758162.50	0.08162	(81111924)	406712.50	3758137.50	0.07938	(81111924)	
406737.50	3758512.50	0.08391	(81111924)	406737.50	3758487.50	0.08641	(81111924)	
406737.50	3758462.50	0.08924	(81111924)	406737.50	3758437.50	0.09032	(81111924)	
406737.50	3758412.50	0.09161	(81111924)	406737.50	3758387.50	0.09260	(81111924)	
406737.50	3758362.50	0.09297	(81111924)	406737.50	3758337.50	0.09095	(81111924)	
406737.50	3758312.50	0.08947	(81111924)	406737.50	3758287.50	0.08834	(81111924)	
406737.50	3758262.50	0.08614	(81111924)	406737.50	3758237.50	0.08539	(81111924)	
406737.50	3758212.50	0.08472	(81021524)	406737.50	3758187.50	0.08489	(81021524)	
406737.50	3758162.50	0.08567	(81012624)	406737.50	3758137.50	0.08709	(81012624)	
406762.50	3758512.50	0.08606	(81111924)	406762.50	3758487.50	0.08893	(81111924)	
406762.50	3758462.50	0.09005	(81111924)	406762.50	3758437.50	0.09172	(81111924)	
406762.50	3758412.50	0.09171	(81111924)	406762.50	3758387.50	0.09147	(81111924)	

Appendix B

		PM 24 hour Emissions Mitigated					
406762.50	3758362.50	0.09148	(81111924)	406762.50	3758337.50	0.09033	(81111924)
406762.50	3758312.50	0.08850	(81021524)	406762.50	3758287.50	0.08911	(81021524)
406762.50	3758262.50	0.09263	(81012624)	406762.50	3758237.50	0.09431	(81012624)
406762.50	3758212.50	0.09734	(81012624)	406762.50	3758187.50	0.09711	(81012624)
406762.50	3758162.50	0.09816	(81012624)	406762.50	3758137.50	0.09903	(81012624)
406787.50	3758512.50	0.08596	(81111924)	406787.50	3758487.50	0.08828	(81111924)
406787.50	3758462.50	0.09015	(81111924)	406787.50	3758437.50	0.09131	(81111924)
406787.50	3758412.50	0.09122	(81111924)	406787.50	3758387.50	0.09240	(81012624)
406787.50	3758362.50	0.09837	(81012624)	406787.50	3758337.50	0.10148	(81012624)
406787.50	3758312.50	0.10391	(81012624)	406787.50	3758287.50	0.10756	(81012624)
406787.50	3758262.50	0.10768	(81012624)	406787.50	3758237.50	0.11040	(81012624)
406787.50	3758212.50	0.11126	(81012624)	406787.50	3758187.50	0.10911	(81012624)
406787.50	3758162.50	0.10949	(81012624)	406787.50	3758137.50	0.10757	(81012624)
406812.50	3758512.50	0.08591	(81111924)	406812.50	3758487.50	0.08819	(81111924)
406812.50	3758462.50	0.09156	(81012624)	406812.50	3758437.50	0.09876	(81012624)
406812.50	3758412.50	0.10656	(81012624)	406812.50	3758387.50	0.11195	(81012624)
406812.50	3758362.50	0.11672	(81012624)	406812.50	3758337.50	0.12031	(81012624)
406812.50	3758312.50	0.12003	(81012624)	406812.50	3758287.50	0.12196	(81012624)
406812.50	3758262.50	0.12275	(81012624)	406812.50	3758237.50	0.12252	(81012624)
406812.50	3758212.50	0.12247	(81012624)	406812.50	3758187.50	0.12222	(81012624)
406812.50	3758162.50	0.11736	(81012624)	406812.50	3758137.50	0.11544	(81012624)
406837.50	3758512.50	0.09298	(81012624)	406837.50	3758487.50	0.09915	(81012624)

*** ICST3 - VERSION 02035 ***
*** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41

**MODELOPTs:
CONC URBAN ELEV FLGPOL NOCALM
PAGE 62
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406837.50	3758462.50	0.10760	(81012624)	406837.50	3758437.50	0.11623	(81012624)
406837.50	3758412.50	0.12602	(81012624)	406837.50	3758387.50	0.13207	(81012624)
406837.50	3758362.50	0.13471	(81012624)	406837.50	3758337.50	0.13726	(81012624)
406837.50	3758312.50	0.13668	(81012624)	406837.50	3758287.50	0.13325	(81012624)
406837.50	3758262.50	0.13124	(81012624)	406837.50	3758237.50	0.12930	(81012624)
406837.50	3758212.50	0.13107	(81012624)	406837.50	3758187.50	0.12999	(81012624)
406837.50	3758162.50	0.12646	(81012624)	406837.50	3758137.50	0.12377	(81012624)
406862.50	3758512.50	0.10811	(81012624)	406862.50	3758487.50	0.11587	(81012624)
406862.50	3758462.50	0.12440	(81012624)	406862.50	3758437.50	0.13290	(81012624)
406862.50	3758412.50	0.14119	(81012624)	406862.50	3758387.50	0.14617	(81012624)
406862.50	3758362.50	0.14851	(81012624)	406862.50	3758337.50	0.15151	(81012624)
406862.50	3758312.50	0.14828	(81012624)	406862.50	3758287.50	0.13739	(81012624)
406862.50	3758262.50	0.13375	(81012624)	406862.50	3758237.50	0.13561	(81012624)
406862.50	3758212.50	0.13743	(81012624)	406862.50	3758187.50	0.13807	(81012624)
406862.50	3758162.50	0.13944	(81012624)	406862.50	3758137.50	0.13826	(81012624)
406887.50	3758512.50	0.12493	(81012624)	406887.50	3758487.50	0.13030	(81012624)
406887.50	3758462.50	0.13621	(81012624)	406887.50	3758437.50	0.14588	(81012624)
406887.50	3758412.50	0.15192	(81012624)	406887.50	3758387.50	0.15758	(81012624)
406887.50	3758362.50	0.15961	(81012624)	406887.50	3758337.50	0.15802	(81012624)
406887.50	3758312.50	0.14741	(81012624)	406887.50	3758287.50	0.13490	(81012624)
406887.50	3758262.50	0.13869	(81012624)	406887.50	3758237.50	0.14379	(81012624)
406887.50	3758212.50	0.14850	(81012624)	406887.50	3758187.50	0.14857	(81012624)
406887.50	3758162.50	0.14922	(81012624)	406887.50	3758137.50	0.15043	(81012624)
406912.50	3758512.50	0.13633	(81012624)	406912.50	3758487.50	0.14150	(81012624)
406912.50	3758462.50	0.14476	(81012624)	406912.50	3758437.50	0.15218	(81012624)
406912.50	3758412.50	0.16165	(81012624)	406912.50	3758387.50	0.16578	(81012624)
406912.50	3758362.50	0.16299	(81012624)	406912.50	3758337.50	0.15984	(81012624)
406912.50	3758312.50	0.14341	(81012624)	406912.50	3758287.50	0.13460	(81012624)
406912.50	3758262.50	0.14658	(81012624)	406912.50	3758237.50	0.15736	(81012624)
406912.50	3758212.50	0.15895	(81012624)	406912.50	3758187.50	0.15777	(81012624)
406912.50	3758162.50	0.15770	(81012624)	406912.50	3758137.50	0.15747	(81012624)
406937.50	3758512.50	0.14591	(81012624)	406937.50	3758487.50	0.14865	(81012624)
406937.50	3758462.50	0.15045	(81012624)	406937.50	3758437.50	0.15315	(81012624)
406937.50	3758412.50	0.16336	(81012624)	406937.50	3758387.50	0.16497	(81012624)
406937.50	3758362.50	0.16147	(81012624)	406937.50	3758337.50	0.15434	(81012624)
406937.50	3758312.50	0.14179	(81012624)	406937.50	3758287.50	0.14818	(81012624)
406937.50	3758262.50	0.15950	(81012624)	406937.50	3758237.50	0.16991	(81012624)
406937.50	3758212.50	0.17244	(81012624)	406937.50	3758187.50	0.17169	(81012624)
406937.50	3758162.50	0.16837	(81012624)	406937.50	3758137.50	0.16318	(81012624)
406962.50	3758512.50	0.15746	(81012624)	406962.50	3758487.50	0.15921	(81012624)

Appendix B

PM 24 hour Emissions Mitigated

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated

*** 07/29/11
 *** 12:00:41
 *** PAGE 63

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406962.50	3758462.50	0.16060	(81012624)	406962.50	3758437.50	0.16038	(81012624)
406962.50	3758412.50	0.16571	(81012624)	406962.50	3758387.50	0.16475	(81012624)
406962.50	3758362.50	0.15359	(81012624)	406962.50	3758337.50	0.14824	(81012624)
406962.50	3758312.50	0.14929	(81012624)	406962.50	3758287.50	0.15772	(81012624)
406962.50	3758262.50	0.17265	(81012624)	406962.50	3758237.50	0.17662	(81012624)
406962.50	3758212.50	0.17682	(81012624)	406962.50	3758187.50	0.17696	(81012624)
406962.50	3758162.50	0.16977	(81012624)	406962.50	3758137.50	0.15948	(81012624)
406987.50	3758512.50	0.16834	(81012624)	406987.50	3758487.50	0.16957	(81012624)
406987.50	3758462.50	0.16524	(81012624)	406987.50	3758437.50	0.16557	(81012624)
406987.50	3758412.50	0.16369	(81012624)	406987.50	3758387.50	0.15744	(81012624)
406987.50	3758362.50	0.14513	(81012624)	406987.50	3758337.50	0.14126	(81012624)
406987.50	3758312.50	0.14320	(81012624)	406987.50	3758287.50	0.15652	(81012624)
406987.50	3758262.50	0.17102	(81012624)	406987.50	3758237.50	0.17020	(81012624)
406987.50	3758212.50	0.16939	(81012624)	406987.50	3758187.50	0.16464	(81012624)
406987.50	3758162.50	0.15311	(81012624)	406987.50	3758137.50	0.14178	(81012624)
407012.50	3758512.50	0.16734	(81012624)	407012.50	3758487.50	0.16755	(81012624)
407012.50	3758462.50	0.16754	(81012624)	407012.50	3758437.50	0.16408	(81012624)
407012.50	3758412.50	0.16012	(81012624)	407012.50	3758387.50	0.15342	(81012624)
407012.50	3758362.50	0.14597	(81012624)	407012.50	3758337.50	0.14716	(81012624)
407012.50	3758312.50	0.14677	(81012624)	407012.50	3758287.50	0.15669	(81012624)
407012.50	3758262.50	0.16117	(81012624)	407012.50	3758237.50	0.15748	(81012624)
407012.50	3758212.50	0.15443	(81012624)	407012.50	3758187.50	0.14481	(81012624)
407012.50	3758162.50	0.13329	(81012624)	407012.50	3758137.50	0.13255	(81012624)
407037.50	3758512.50	0.16115	(81012624)	407037.50	3758487.50	0.16398	(81012624)
407037.50	3758462.50	0.16324	(81012624)	407037.50	3758437.50	0.16238	(81012624)
407037.50	3758412.50	0.15822	(81012624)	407037.50	3758387.50	0.15305	(81012624)
407037.50	3758362.50	0.15263	(81012624)	407037.50	3758337.50	0.15612	(81012624)
407037.50	3758312.50	0.15541	(81012624)	407037.50	3758287.50	0.15462	(81012624)
407037.50	3758262.50	0.15123	(81021624)	407037.50	3758237.50	0.14835	(81021624)
407037.50	3758212.50	0.14716	(81021624)	407037.50	3758187.50	0.14869	(81021624)
407037.50	3758162.50	0.14924	(81021624)	407037.50	3758137.50	0.14895	(81021624)
407062.50	3758512.50	0.15617	(81012624)	407062.50	3758487.50	0.16319	(81012624)
407062.50	3758462.50	0.16299	(81012624)	407062.50	3758437.50	0.16253	(81012624)
407062.50	3758412.50	0.15783	(81012624)	407062.50	3758387.50	0.15333	(81012624)
407062.50	3758362.50	0.15291	(81012624)	407062.50	3758337.50	0.15518	(81012624)
407062.50	3758312.50	0.15451	(81012624)	407062.50	3758287.50	0.15103	(81012624)
407062.50	3758262.50	0.14798	(81012624)	407062.50	3758237.50	0.14512	(81012624)
407062.50	3758212.50	0.14654	(81012624)	407062.50	3758187.50	0.14711	(81021624)
407062.50	3758162.50	0.14674	(81021624)	407062.50	3758137.50	0.14630	(81021624)
407087.50	3758512.50	0.16409	(81012624)	407087.50	3758487.50	0.16749	(81012624)

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated

*** 07/29/11
 *** 12:00:41
 *** PAGE 64

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407087.50	3758462.50	0.17091	(81012624)	407087.50	3758437.50	0.16678	(81012624)
407087.50	3758412.50	0.16359	(81012624)	407087.50	3758387.50	0.16061	(81012624)
407087.50	3758362.50	0.16009	(81012624)	407087.50	3758337.50	0.15948	(81012624)
407087.50	3758312.50	0.15878	(81012624)	407087.50	3758287.50	0.15788	(81012624)
407087.50	3758262.50	0.15342	(81012624)	407087.50	3758237.50	0.14902	(81012624)
407087.50	3758212.50	0.14824	(81012624)	407087.50	3758187.50	0.14871	(81022224)
407087.50	3758162.50	0.14852	(81022224)	407087.50	3758137.50	0.14827	(81022224)
407112.50	3758512.50	0.17496	(81012924)	407112.50	3758487.50	0.18262	(81012924)

Appendix B

PM 24 hour Emissions Mitigated

407287.50	3758162.50	0.19670	(81013024)	407287.50	3758137.50	0.18983	(81013024)
407312.50	3758512.50	0.22329	(81012624)	407312.50	3758487.50	0.23234	(81012624)
407312.50	3758462.50	0.22768	(81012624)	407312.50	3758437.50	0.22625	(81012624)
407312.50	3758412.50	0.22371	(81012624)	407312.50	3758387.50	0.21162	(81012624)
407312.50	3758362.50	0.19417	(81012624)	407312.50	3758337.50	0.19338	(81012624)
407312.50	3758312.50	0.19824	(81012624)	407312.50	3758287.50	0.19873	(81012624)
407312.50	3758262.50	0.19362	(81012624)	407312.50	3758237.50	0.18083	(81012624)
407312.50	3758212.50	0.17428	(81012624)	407312.50	3758187.50	0.17501	(81012624)
407312.50	3758162.50	0.18013	(81012624)	407312.50	3758137.50	0.18130	(81012624)
407337.50	3758512.50	0.21448	(81012624)	407337.50	3758487.50	0.21603	(81012624)

*** ISCS T3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 66
 CONC

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407337.50	3758462.50	0.20836	(81012624)	407337.50	3758437.50	0.20428	(81012624)
407337.50	3758412.50	0.19978	(81012624)	407337.50	3758387.50	0.19405	(81012624)
407337.50	3758362.50	0.17491	(81012624)	407337.50	3758337.50	0.17242	(81012624)
407337.50	3758312.50	0.17129	(81012624)	407337.50	3758287.50	0.16923	(81012624)
407337.50	3758262.50	0.16598	(81012624)	407337.50	3758237.50	0.16197	(81012624)
407337.50	3758212.50	0.15756	(81012624)	407337.50	3758187.50	0.15819	(81012624)
407337.50	3758162.50	0.16680	(81012624)	407337.50	3758137.50	0.16942	(81012624)
407362.50	3758512.50	0.18364	(81012624)	407362.50	3758487.50	0.18636	(81012624)
407362.50	3758462.50	0.18118	(81012624)	407362.50	3758437.50	0.17838	(81012624)
407362.50	3758412.50	0.17581	(81012624)	407362.50	3758387.50	0.17183	(81012624)
407362.50	3758362.50	0.15955	(81012624)	407362.50	3758337.50	0.15444	(81012624)
407362.50	3758312.50	0.14835	(81012624)	407362.50	3758287.50	0.14476	(81012624)
407362.50	3758262.50	0.14228	(81012624)	407362.50	3758237.50	0.13307	(81012624)
407362.50	3758212.50	0.13463	(81012624)	407362.50	3758187.50	0.13400	(81012624)
407362.50	3758162.50	0.14201	(81012624)	407362.50	3758137.50	0.14899	(81012624)
407387.50	3758512.50	0.15691	(81012624)	407387.50	3758487.50	0.16090	(81012624)
407387.50	3758462.50	0.15115	(81012624)	407387.50	3758437.50	0.14716	(81012624)
407387.50	3758412.50	0.15012	(81012624)	407387.50	3758387.50	0.15030	(81012624)
407387.50	3758362.50	0.14293	(81012624)	407387.50	3758337.50	0.14163	(81012624)
407387.50	3758312.50	0.13506	(81012624)	407387.50	3758287.50	0.12929	(81012624)
407387.50	3758262.50	0.12245	(81012624)	407387.50	3758237.50	0.11597	(81012624)
407387.50	3758212.50	0.10978	(81012624)	407387.50	3758187.50	0.10112	(81012624)
407387.50	3758162.50	0.10344	(81012624)	407387.50	3758137.50	0.10774	(81012624)
407412.50	3758512.50	0.16327	(81070324)	407412.50	3758487.50	0.15209	(81070324)
407412.50	3758462.50	0.13763	(81020624)	407412.50	3758437.50	0.13052	(81072124)
407412.50	3758412.50	0.12773	(81072124)	407412.50	3758387.50	0.12758	(81012624)
407412.50	3758362.50	0.12581	(81012624)	407412.50	3758337.50	0.12402	(81012624)
407412.50	3758312.50	0.12404	(81012624)	407412.50	3758287.50	0.11875	(81012624)
407412.50	3758262.50	0.11425	(81012624)	407412.50	3758237.50	0.10709	(81012624)
407412.50	3758212.50	0.10005	(81012624)	407412.50	3758187.50	0.09441	(81012624)
407412.50	3758162.50	0.09356	(81012624)	407412.50	3758137.50	0.09258	(81012624)
407437.50	3758512.50	0.19509	(81070324)	407437.50	3758487.50	0.18515	(81070324)
407437.50	3758462.50	0.17453	(81070324)	407437.50	3758437.50	0.15506	(81070324)
407437.50	3758412.50	0.13580	(81070324)	407437.50	3758387.50	0.12342	(81072124)
407437.50	3758362.50	0.11913	(81072124)	407437.50	3758337.50	0.11683	(81072124)
407437.50	3758312.50	0.11389	(81072124)	407437.50	3758287.50	0.11140	(81012624)
407437.50	3758262.50	0.10373	(81012624)	407437.50	3758237.50	0.09949	(81012624)
407437.50	3758212.50	0.09882	(81012624)	407437.50	3758187.50	0.09977	(81012624)
407437.50	3758162.50	0.09894	(81012624)	407437.50	3758137.50	0.09458	(81012624)
407462.50	3758512.50	0.22936	(81070324)	407462.50	3758487.50	0.22217	(81070324)

*** ISCS T3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 67
 CONC

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Appendix B

PM 24 hour Emissions Mitigated

**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407837.50	3758462.50	0.03634	(81032224)	407837.50	3758437.50	0.03420	(81032224)
407837.50	3758412.50	0.03205	(81032224)	407837.50	3758387.50	0.02999	(81120724)
407837.50	3758362.50	0.02903	(81120724)	407837.50	3758337.50	0.02933	(81020724)
407837.50	3758312.50	0.02979	(81020724)	407837.50	3758287.50	0.03018	(81020724)
407837.50	3758262.50	0.03048	(81020724)	407837.50	3758237.50	0.03070	(81020724)
407837.50	3758212.50	0.03084	(81020724)	407837.50	3758187.50	0.03090	(81020724)
407837.50	3758162.50	0.03089	(81020724)	407837.50	3758137.50	0.03080	(81020724)
407862.50	3758512.50	0.04196	(81032224)	407862.50	3758487.50	0.04020	(81032224)
407862.50	3758462.50	0.03831	(81032224)	407862.50	3758437.50	0.03633	(81032224)
407862.50	3758412.50	0.03430	(81032224)	407862.50	3758387.50	0.03224	(81032224)
407862.50	3758362.50	0.03019	(81032224)	407862.50	3758337.50	0.02866	(81120724)
407862.50	3758312.50	0.02819	(81020724)	407862.50	3758287.50	0.02867	(81020724)
407862.50	3758262.50	0.02909	(81020724)	407862.50	3758237.50	0.02943	(81020724)
407862.50	3758212.50	0.02970	(81020724)	407862.50	3758187.50	0.02989	(81020724)
407862.50	3758162.50	0.03001	(81020724)	407862.50	3758137.50	0.03006	(81020724)
407887.50	3758512.50	0.04305	(81032224)	407887.50	3758487.50	0.04158	(81032224)
407887.50	3758462.50	0.03993	(81032224)	407887.50	3758437.50	0.03816	(81032224)
407887.50	3758412.50	0.03629	(81032224)	407887.50	3758387.50	0.03435	(81032224)
407887.50	3758362.50	0.03239	(81032224)	407887.50	3758337.50	0.03042	(81032224)
407887.50	3758312.50	0.02846	(81032224)	407887.50	3758287.50	0.02742	(81120724)
407887.50	3758262.50	0.02762	(81020724)	407887.50	3758237.50	0.02805	(81020724)
407887.50	3758212.50	0.02843	(81020724)	407887.50	3758187.50	0.02873	(81020724)
407887.50	3758162.50	0.02897	(81020724)	407887.50	3758137.50	0.02914	(81020724)
407912.50	3758512.50	0.04368	(81032224)	407912.50	3758487.50	0.04253	(81032224)
407912.50	3758462.50	0.04117	(81032224)	407912.50	3758437.50	0.03964	(81032224)
407912.50	3758412.50	0.03797	(81032224)	407912.50	3758387.50	0.03621	(81032224)
407912.50	3758362.50	0.03437	(81032224)	407912.50	3758337.50	0.03249	(81032224)
407912.50	3758312.50	0.03060	(81032224)	407912.50	3758287.50	0.02871	(81032224)
407912.50	3758262.50	0.02712	(81120724)	407912.50	3758237.50	0.02662	(81020724)
407912.50	3758212.50	0.02707	(81020724)	407912.50	3758187.50	0.02746	(81020724)
407912.50	3758162.50	0.02780	(81020724)	407912.50	3758137.50	0.02807	(81020724)
407937.50	3758512.50	0.04388	(81032224)	407937.50	3758487.50	0.04307	(81032224)
407937.50	3758462.50	0.04201	(81032224)	407937.50	3758437.50	0.04076	(81032224)
407937.50	3758412.50	0.03933	(81032224)	407937.50	3758387.50	0.03776	(81032224)
407937.50	3758362.50	0.03609	(81032224)	407937.50	3758337.50	0.03435	(81032224)
407937.50	3758312.50	0.03256	(81032224)	407937.50	3758287.50	0.03074	(81032224)
407937.50	3758262.50	0.02893	(81032224)	407937.50	3758237.50	0.02713	(81032224)
407937.50	3758212.50	0.02600	(81120724)	407937.50	3758187.50	0.02614	(81020724)
407937.50	3758162.50	0.02655	(81020724)	407937.50	3758137.50	0.02690	(81020724)
407962.50	3758512.50	0.04366	(81032224)	407962.50	3758487.50	0.04319	(81032224)

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK DAY 24hr PM emissions mitigated

*** 07/29/11
12:00:41
PAGE 71

**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407962.50	3758462.50	0.04245	(81032224)	407962.50	3758437.50	0.04149	(81032224)
407962.50	3758412.50	0.04033	(81032224)	407962.50	3758387.50	0.03900	(81032224)
407962.50	3758362.50	0.03753	(81032224)	407962.50	3758337.50	0.03595	(81032224)
407962.50	3758312.50	0.03430	(81032224)	407962.50	3758287.50	0.03259	(81032224)
407962.50	3758262.50	0.03085	(81032224)	407962.50	3758237.50	0.02910	(81032224)
407962.50	3758212.50	0.02736	(81032224)	407962.50	3758187.50	0.02574	(81120724)
407962.50	3758162.50	0.02526	(81020724)	407962.50	3758137.50	0.02567	(81020724)
407987.50	3758512.50	0.04304	(81032224)	407987.50	3758487.50	0.04291	(81032224)
407987.50	3758462.50	0.04251	(81032224)	407987.50	3758437.50	0.04185	(81032224)
407987.50	3758412.50	0.04097	(81032224)	407987.50	3758387.50	0.03990	(81032224)

Appendix B

PM 24 hour Emissions Mitigated

405962.50	3758862.50	0.09076	(81112824)	405962.50	3758812.50	0.08010	(81112824)
405962.50	3758762.50	0.07833	(81121124)	405962.50	3758712.50	0.08077	(81121124)
405962.50	3758662.50	0.08161	(81111024)	405962.50	3758612.50	0.08527	(81111024)
406012.50	3760012.50	0.49149	(81122524)	406012.50	3759962.50	0.58252	(81122624)
406012.50	3759912.50	0.45907	(81122624)	406012.50	3759862.50	0.47957	(81032424)
406012.50	3759812.50	0.53407	(81032424)	406012.50	3759762.50	0.54715	(81032424)
406012.50	3759712.50	0.60627	(81032424)	406012.50	3759662.50	0.64772	(81022824)
406012.50	3759612.50	0.72095	(81022824)	406012.50	3759562.50	0.63465	(81022824)

*** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41
 **MODELOPTs: ** PAGE 73

CONC URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406012.50	3759512.50	0.61247	(81022824)	406012.50	3759462.50	0.48312	(81022824)
406012.50	3759412.50	0.32660	(81022824)	406012.50	3759362.50	0.21168	(81022824)
406012.50	3759312.50	0.14263	(81031024)	406012.50	3759262.50	0.12764	(81031024)
406012.50	3759212.50	0.09703	(81030524)	406012.50	3759162.50	0.09816	(81112024)
406012.50	3759112.50	0.10478	(81112024)	406012.50	3759062.50	0.10387	(81112024)
406012.50	3759012.50	0.10371	(81112824)	406012.50	3758962.50	0.10575	(81112824)
406012.50	3758912.50	0.09970	(81112824)	406012.50	3758862.50	0.08772	(81112824)
406012.50	3758812.50	0.08016	(81121124)	406012.50	3758762.50	0.08399	(81121124)
406012.50	3758712.50	0.08360	(81111024)	406012.50	3758662.50	0.08601	(81111024)
406012.50	3758612.50	0.08510	(81111024)	406062.50	3760012.50	0.59213	(81122624)
406062.50	3759812.50	0.41731	(81032424)	406062.50	3759762.50	0.48900	(81032424)
406062.50	3759712.50	0.58422	(81032424)	406062.50	3759662.50	0.52088	(81032424)
406062.50	3759612.50	0.60346	(81022824)	406062.50	3759562.50	0.53484	(81022824)
406062.50	3759512.50	0.43973	(81022824)	406062.50	3759462.50	0.36431	(81022824)
406062.50	3759412.50	0.25675	(81022824)	406062.50	3759362.50	0.16700	(81022824)
406062.50	3759312.50	0.12651	(81031024)	406062.50	3759262.50	0.10392	(81030524)
406062.50	3759212.50	0.10327	(81030524)	406062.50	3759162.50	0.10672	(81112024)
406062.50	3759112.50	0.11154	(81112024)	406062.50	3759062.50	0.11020	(81112824)
406062.50	3759012.50	0.11291	(81112824)	406062.50	3758962.50	0.10988	(81112824)
406062.50	3758912.50	0.09862	(81112824)	406062.50	3758862.50	0.08349	(81112824)
406062.50	3758812.50	0.08745	(81121124)	406062.50	3758762.50	0.08717	(81121124)
406062.50	3758712.50	0.08942	(81111024)	406062.50	3758662.50	0.08742	(81111024)
406062.50	3758612.50	0.08334	(81111024)	406112.50	3760012.50	0.51378	(81122624)
406112.50	3759812.50	0.24404	(81031224)	406112.50	3759762.50	0.29644	(81032424)
406112.50	3759712.50	0.35119	(81032424)	406112.50	3759662.50	0.36504	(81022824)
406112.50	3759612.50	0.42420	(81022824)	406112.50	3759562.50	0.44445	(81022824)
406112.50	3759512.50	0.41416	(81022824)	406112.50	3759462.50	0.28585	(81022824)
406112.50	3759412.50	0.20781	(81022824)	406112.50	3759362.50	0.14738	(81022824)
406112.50	3759312.50	0.11914	(81031024)	406112.50	3759262.50	0.11910	(81031024)
406112.50	3759212.50	0.10916	(81030524)	406112.50	3759162.50	0.11616	(81112024)
406112.50	3759112.50	0.11858	(81112024)	406112.50	3759062.50	0.12080	(81112824)
406112.50	3759012.50	0.12093	(81112824)	406112.50	3758962.50	0.11061	(81112824)
406112.50	3758912.50	0.09523	(81112824)	406112.50	3758862.50	0.09235	(81121124)
406112.50	3758812.50	0.09260	(81121124)	406112.50	3758762.50	0.09405	(81111024)
406112.50	3758712.50	0.09232	(81111024)	406112.50	3758662.50	0.08588	(81111024)
406112.50	3758612.50	0.07728	(81111024)	406162.50	3760012.50	0.39512	(81122624)
406162.50	3759812.50	0.27764	(81031224)	406162.50	3759462.50	0.30866	(81022824)
406162.50	3759412.50	0.25315	(81022824)	406162.50	3759362.50	0.17211	(81022824)
406162.50	3759312.50	0.16096	(81031024)	406162.50	3759262.50	0.12739	(81031024)
406162.50	3759212.50	0.11921	(81112024)	406162.50	3759162.50	0.12501	(81112024)

*** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41
 **MODELOPTs: ** PAGE 74

CONC URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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Appendix B

PM 24 hour Emissions Mitigated

406162.50	3759112.50	0.12857	(81112824)	406162.50	3759062.50	0.13025	(81112824)		
406162.50	3759012.50	0.12396	(81112824)	406162.50	3758962.50	0.10930	(81112824)		
406162.50	3758912.50	0.09516	(81121124)	406162.50	3758862.50	0.09844	(81121124)		
406162.50	3758812.50	0.10000	(81111024)	406162.50	3758762.50	0.09604	(81111024)		
406162.50	3758712.50	0.08886	(81111024)	406162.50	3758662.50	0.08032	(81111024)		
406162.50	3758612.50	0.06941	(81111024)	406212.50	3759412.50	0.29005	(81022824)		
406212.50	3759362.50	0.19574	(81031024)	406212.50	3759312.50	0.17280	(81031024)		
406212.50	3759262.50	0.13849	(81031024)	406212.50	3759212.50	0.13030	(81112024)		
406212.50	3759162.50	0.13444	(81112824)	406212.50	3759112.50	0.14048	(81112824)		
406212.50	3759062.50	0.13709	(81112824)	406212.50	3759012.50	0.12134	(81112824)		
406212.50	3758962.50	0.10105	(81112824)	406212.50	3758912.50	0.10196	(81121124)		
406212.50	3758862.50	0.10378	(81111024)	406212.50	3758812.50	0.10270	(81111024)		
406212.50	3758762.50	0.09116	(81111024)	406212.50	3758712.50	0.08087	(81111024)		
406212.50	3758662.50	0.07113	(81111024)	406212.50	3758612.50	0.06427	(81022724)		
406262.50	3759412.50	0.31897	(81022824)	406262.50	3759362.50	0.19727	(81031024)		
406262.50	3759312.50	0.16766	(81031024)	406262.50	3759262.50	0.14721	(81112024)		
406262.50	3759212.50	0.14111	(81112824)	406262.50	3759162.50	0.15001	(81112824)		
406262.50	3759112.50	0.14952	(81112824)	406262.50	3759062.50	0.13686	(81112824)		
406262.50	3759012.50	0.11244	(81112824)	406262.50	3758962.50	0.10391	(81121124)		
406262.50	3758912.50	0.10634	(81111024)	406262.50	3758862.50	0.10294	(81111024)		
406262.50	3758812.50	0.09562	(81111024)	406262.50	3758762.50	0.08297	(81111024)		
406262.50	3758712.50	0.07221	(81111024)	406262.50	3758662.50	0.06482	(81110224)		
406262.50	3758612.50	0.05934	(81112924)	406312.50	3759412.50	0.32247	(81022824)		
406312.50	3759362.50	0.23748	(81031024)	406312.50	3759312.50	0.17210	(81031024)		
406312.50	3759262.50	0.15972	(81112024)	406312.50	3759212.50	0.15997	(81112824)		
406312.50	3759162.50	0.16277	(81112824)	406312.50	3759112.50	0.15127	(81112824)		
406312.50	3759062.50	0.12798	(81112824)	406312.50	3759012.50	0.10324	(81121124)		
406312.50	3758962.50	0.10476	(81111024)	406312.50	3758912.50	0.10463	(81111024)		
406312.50	3758862.50	0.09721	(81111024)	406312.50	3758812.50	0.08511	(81111024)		
406312.50	3758762.50	0.07370	(81110224)	406312.50	3758712.50	0.06549	(81110224)		
406312.50	3758662.50	0.06065	(81122424)	406312.50	3758612.50	0.06965	(81082024)		
406362.50	3759412.50	0.25157	(81030124)	406362.50	3759362.50	0.21916	(81031024)		
406362.50	3759312.50	0.16421	(81030524)	406362.50	3759262.50	0.16466	(81112824)		
406362.50	3759212.50	0.17576	(81112824)	406362.50	3759162.50	0.16933	(81112824)		
406362.50	3759112.50	0.14639	(81112824)	406362.50	3759062.50	0.11451	(81112824)		
406362.50	3759012.50	0.10656	(81111024)	406362.50	3758962.50	0.10821	(81111024)		
406362.50	3758912.50	0.09829	(81111024)	406362.50	3758862.50	0.08149	(81111024)		
406362.50	3758812.50	0.07329	(81110224)	406362.50	3758762.50	0.06703	(81110224)		
406362.50	3758712.50	0.06394	(81122424)	406362.50	3758662.50	0.07290	(81082024)		
406362.50	3758612.50	0.08028	(81082024)	406412.50	3759312.50	0.16908	(81112824)		
• *** ISCS3 - VERSION 02035 ***				*** WHITTIER MATRIX OIL PROJECT ***				07/29/11	
				*** ANALYSIS PEAK DAY 24hr PM emissions mitigated				12:00:41	
**MODELOPTs:								PAGE 75	
CONC				URBAN ELEV FLGPL				NOCALM	
				*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***					
				INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,					
*** DISCRETE CARTESIAN RECEPTOR POINTS ***									
** CONC OF OTHER				IN MICROGRAMS/M**3				**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)		
406412.50	3759262.50	0.18360	(81112824)	406412.50	3759212.50	0.18868	(81112824)		
406412.50	3759162.50	0.16742	(81112824)	406412.50	3759112.50	0.13272	(81112824)		
406412.50	3759062.50	0.10748	(81121124)	406412.50	3759012.50	0.11365	(81111024)		
406412.50	3758962.50	0.10136	(81111024)	406412.50	3758912.50	0.08306	(81111024)		
406412.50	3758862.50	0.06911	(81110224)	406412.50	3758812.50	0.06461	(81110224)		
406412.50	3758762.50	0.06592	(81122424)	406412.50	3758712.50	0.07593	(81082024)		
406412.50	3758662.50	0.08496	(81082024)	406412.50	3758612.50	0.08818	(81082024)		
406462.50	3759312.50	0.18564	(81112824)	406462.50	3759262.50	0.19988	(81112824)		
406462.50	3759212.50	0.19100	(81112824)	406462.50	3759162.50	0.15438	(81112824)		
406462.50	3759112.50	0.11234	(81112824)	406462.50	3759062.50	0.10808	(81111024)		
406462.50	3759012.50	0.10467	(81111024)	406462.50	3758962.50	0.08647	(81111024)		
406462.50	3758912.50	0.07808	(81110224)	406462.50	3758862.50	0.06557	(81122424)		
406462.50	3758812.50	0.06638	(81122424)	406462.50	3758762.50	0.07631	(81082024)		
406462.50	3758712.50	0.08502	(81082024)	406462.50	3758662.50	0.08868	(81082024)		
406462.50	3758612.50	0.08870	(81082024)	406512.50	3759262.50	0.21357	(81112824)		
406512.50	3759212.50	0.18475	(81112824)	406512.50	3759162.50	0.13246	(81112824)		
406512.50	3759112.50	0.11251	(81111024)	406512.50	3759062.50	0.10842	(81111024)		
406512.50	3759012.50	0.08757	(81111024)	406512.50	3758962.50	0.07811	(81110224)		
406512.50	3758912.50	0.07476	(81122424)	406512.50	3758862.50	0.07198	(81122424)		
406512.50	3758812.50	0.08196	(81082024)	406512.50	3758762.50	0.08821	(81082024)		
406512.50	3758712.50	0.09122	(81082024)	406512.50	3758662.50	0.09046	(81082024)		
406512.50	3758612.50	0.08606	(81082024)	406537.50	3758562.50	0.07505	(81082024)		

Appendix B

PM 24 hour Emissions Mitigated

406562.50	3759262.50	0.21887	(81112824)	406562.50	3759212.50	0.16903	(81112824)
406562.50	3759162.50	0.11809	(81111024)	406562.50	3759112.50	0.11600	(81111024)
406562.50	3759062.50	0.09315	(81111024)	406562.50	3759012.50	0.08254	(81110224)
406562.50	3758962.50	0.07457	(81122424)	406562.50	3758912.50	0.07640	(81122424)
406562.50	3758862.50	0.08507	(81082024)	406562.50	3758812.50	0.09193	(81082024)
406562.50	3758762.50	0.09260	(81082024)	406562.50	3758712.50	0.09083	(81082024)
406562.50	3758662.50	0.08555	(81082024)	406562.50	3758612.50	0.07760	(81082024)
406587.50	3758562.50	0.06135	(81121524)	406612.50	3759212.50	0.14814	(81112824)
406612.50	3759162.50	0.13536	(81111024)	406612.50	3759112.50	0.10399	(81111024)
406612.50	3759062.50	0.08561	(81110224)	406612.50	3759012.50	0.08230	(81122424)
406612.50	3758962.50	0.08631	(81122424)	406612.50	3758912.50	0.09051	(81082024)
406612.50	3758862.50	0.09516	(81082024)	406612.50	3758812.50	0.09270	(81082024)
406612.50	3758762.50	0.08772	(81082024)	406612.50	3758712.50	0.08197	(81082024)
406612.50	3758662.50	0.07328	(81082024)	406637.50	3758562.50	0.06529	(81041924)
406662.50	3759162.50	0.11668	(81111024)	406662.50	3759112.50	0.08327	(81110224)
406662.50	3759062.50	0.09265	(81122424)	406662.50	3759012.50	0.09151	(81122424)
406662.50	3758962.50	0.09365	(81082024)	406662.50	3758912.50	0.09609	(81082024)
406662.50	3758862.50	0.09189	(81082024)	406662.50	3758812.50	0.08461	(81082024)

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41
 **MODELOPTs: PAGE 76

CONC URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406662.50	3758762.50	0.07506	(81082024)	406662.50	3758712.50	0.06558	(81082024)
406687.50	3758562.50	0.07504	(81111924)	406712.50	3759162.50	0.09417	(81112024)
406712.50	3759112.50	0.09443	(81112824)	406712.50	3759062.50	0.11956	(81122424)
406712.50	3759012.50	0.10355	(81122424)	406712.50	3758962.50	0.10050	(81082024)
406712.50	3758912.50	0.08590	(81082024)	406712.50	3758862.50	0.07581	(81082024)
406712.50	3758612.50	0.08333	(81111924)	406737.50	3758562.50	0.08517	(81111924)
406762.50	3759062.50	0.14906	(81103024)	406762.50	3759012.50	0.10989	(81103024)
406762.50	3758962.50	0.08981	(81110124)	406762.50	3758912.50	0.07666	(81111924)
406762.50	3758662.50	0.09445	(81111924)	406762.50	3758612.50	0.09088	(81111924)
406787.50	3758562.50	0.09019	(81111924)	406812.50	3759012.50	0.11634	(81111924)
406812.50	3758962.50	0.09824	(81111924)	406812.50	3758712.50	0.10347	(81111924)
406812.50	3758662.50	0.10070	(81111924)	406812.50	3758612.50	0.09691	(81111924)
406837.50	3758562.50	0.08100	(81111924)	406862.50	3758762.50	0.10777	(81111924)
406862.50	3758712.50	0.10627	(81111924)	406862.50	3758662.50	0.10010	(81111924)
406862.50	3758612.50	0.09520	(81012624)	406887.50	3758562.50	0.12046	(81012624)
406912.50	3758762.50	0.12761	(81012624)	406912.50	3758712.50	0.12541	(81012624)
406912.50	3758662.50	0.12305	(81012624)	406912.50	3758612.50	0.10919	(81012624)
406937.50	3758562.50	0.14137	(81012624)	406962.50	3758762.50	0.15401	(81012624)
406962.50	3758712.50	0.14300	(81012624)	406962.50	3758662.50	0.13208	(81012624)
406962.50	3758612.50	0.13332	(81012624)	406987.50	3758562.50	0.15645	(81012624)
407012.50	3758712.50	0.14946	(81012624)	407012.50	3758662.50	0.12046	(81012624)
407012.50	3758612.50	0.13527	(81012624)	407037.50	3758562.50	0.15276	(81012624)
407062.50	3758662.50	0.10925	(81012624)	407062.50	3758612.50	0.13952	(81012624)
407087.50	3758562.50	0.15187	(81012624)	407112.50	3758662.50	0.13144	(81012924)
407112.50	3758612.50	0.15278	(81012924)	407137.50	3758562.50	0.18001	(81012924)
407162.50	3758662.50	0.18629	(81012924)	407162.50	3758612.50	0.18217	(81012924)
407187.50	3758562.50	0.22634	(81012924)	407212.50	3758662.50	0.19600	(81013024)
407212.50	3758612.50	0.21357	(81013024)	407237.50	3758562.50	0.23086	(81013024)
407262.50	3758662.50	0.18221	(81012624)	407262.50	3758612.50	0.19045	(81012624)
407287.50	3758562.50	0.19101	(81012624)	407312.50	3758662.50	0.15563	(81012624)
407312.50	3758612.50	0.16270	(81012624)	407337.50	3758562.50	0.16297	(81012624)
407362.50	3758662.50	0.16033	(81070324)	407362.50	3758612.50	0.13979	(81072124)
407387.50	3758562.50	0.15107	(81070324)	407412.50	3758662.50	0.21790	(81070324)
407412.50	3758612.50	0.21013	(81070324)	407437.50	3758562.50	0.21752	(81070324)
407462.50	3758662.50	0.21869	(81070324)	407462.50	3758612.50	0.22690	(81070324)
407487.50	3758562.50	0.21484	(81070324)	407512.50	3758662.50	0.14365	(81011724)
407512.50	3758612.50	0.15557	(81070324)	407537.50	3758562.50	0.04416	(81020724)
407562.50	3758662.50	0.04736	(81020724)	407562.50	3758612.50	0.04616	(81020724)
407587.50	3758562.50	0.04378	(81020724)	407612.50	3758662.50	0.04252	(81020724)
407612.50	3758612.50	0.04297	(81020724)	407637.50	3758562.50	0.04101	(81020724)

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41
 **MODELOPTs: PAGE 77

CONC URBAN ELEV FLGPOL NOCALM

Appendix B

PM 24 hour Emissions Mitigated

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER		IN MICROGRAMS/M**3		**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407662.50	3758612.50	0.03801	(81020724)	407687.50	3758562.50	0.03662	(81020724)
407712.50	3758612.50	0.03834	(81032224)	407737.50	3758562.50	0.03586	(81032224)
407762.50	3758612.50	0.04329	(81032224)	407787.50	3758562.50	0.04083	(81032224)
407812.50	3758612.50	0.04618	(81032224)	407837.50	3758562.50	0.04405	(81032224)
407862.50	3758612.50	0.04685	(81032224)	407887.50	3758562.50	0.04531	(81032224)
407912.50	3758612.50	0.04549	(81032224)	407937.50	3758562.50	0.04467	(81032224)
407962.50	3758612.50	0.04250	(81032224)	407987.50	3758562.50	0.04242	(81032224)
408012.50	3758612.50	0.03841	(81032224)	408037.50	3758562.50	0.03900	(81032224)
408062.50	3758612.50	0.03480	(81122024)	408087.50	3758562.50	0.03487	(81122024)
408112.50	3758612.50	0.03469	(81122024)	405962.50	3758537.50	0.08040	(81111024)
405987.50	3758562.50	0.08239	(81111024)	406037.50	3758562.50	0.07847	(81111024)
406087.50	3758562.50	0.07162	(81111024)	406137.50	3758562.50	0.06638	(81022724)
406187.50	3758562.50	0.05918	(81022724)	406237.50	3758562.50	0.06091	(81082024)
406287.50	3758562.50	0.07331	(81082024)	406337.50	3758562.50	0.08278	(81082024)
406387.50	3758562.50	0.08701	(81082024)	406437.50	3758562.50	0.08907	(81082024)
406487.50	3758562.50	0.08476	(81082024)	406537.50	3758537.50	0.07007	(81082024)
406587.50	3758537.50	0.06208	(81121524)	406637.50	3758537.50	0.06554	(81041924)
406687.50	3758537.50	0.07562	(81111924)	406737.50	3758537.50	0.08303	(81111924)
406787.50	3758537.50	0.08524	(81111924)	406837.50	3758537.50	0.08515	(81012624)
406887.50	3758537.50	0.11998	(81012624)	406937.50	3758537.50	0.14275	(81012624)
406987.50	3758537.50	0.16262	(81012624)	407037.50	3758537.50	0.15397	(81012624)
407087.50	3758537.50	0.15648	(81012624)	407137.50	3758537.50	0.19102	(81012924)
407187.50	3758537.50	0.25213	(81012924)	407237.50	3758537.50	0.24273	(81013024)
407287.50	3758537.50	0.21397	(81012624)	407337.50	3758537.50	0.17697	(81012624)
407387.50	3758537.50	0.14375	(81020624)	407437.50	3758537.50	0.20451	(81070324)
407487.50	3758537.50	0.22592	(81070324)	407537.50	3758537.50	0.04273	(81020724)
407587.50	3758537.50	0.04302	(81020724)	407637.50	3758537.50	0.04094	(81020724)
407687.50	3758537.50	0.03711	(81020724)	407737.50	3758537.50	0.03407	(81120724)
407787.50	3758537.50	0.03855	(81032224)	407837.50	3758537.50	0.04233	(81032224)
407887.50	3758537.50	0.04430	(81032224)	407937.50	3758537.50	0.04442	(81032224)
407987.50	3758537.50	0.04289	(81032224)	408037.50	3758537.50	0.04004	(81032224)
408087.50	3758537.50	0.03631	(81032224)	405962.50	3759987.50	0.53988	(81122624)
405962.50	3759937.50	0.47324	(81122624)	405962.50	3759887.50	0.49088	(81032424)
405962.50	3759837.50	0.51644	(81032424)	405962.50	3759787.50	0.52284	(81032424)
405962.50	3759737.50	0.58525	(81032424)	405962.50	3759687.50	0.53971	(81032424)
405962.50	3759637.50	0.55478	(81022824)	405962.50	3759587.50	0.56629	(81022824)
405962.50	3759537.50	0.59682	(81022824)	405962.50	3759487.50	0.54756	(81022824)
405962.50	3759437.50	0.44661	(81022824)	405962.50	3759387.50	0.29234	(81022824)
405962.50	3759337.50	0.17499	(81022824)	405962.50	3759287.50	0.12680	(81031024)
405962.50	3759237.50	0.10693	(81031024)	405962.50	3759187.50	0.09334	(81031024)

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated

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 12:00:41
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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER		IN MICROGRAMS/M**3		**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
405962.50	3759137.50	0.09665	(81112024)	405962.50	3759087.50	0.10185	(81112024)
405962.50	3759037.50	0.09918	(81112024)	405962.50	3758987.50	0.09838	(81112824)
405962.50	3758937.50	0.09921	(81112824)	405962.50	3758887.50	0.09547	(81112824)
405962.50	3758837.50	0.08604	(81112824)	405962.50	3758787.50	0.07689	(81121124)
405962.50	3758737.50	0.08018	(81121124)	405962.50	3758687.50	0.08062	(81121124)
405962.50	3758637.50	0.08266	(81111024)	406012.50	3759987.50	0.49758	(81122524)
406012.50	3759937.50	0.54810	(81122624)	406012.50	3759887.50	0.46669	(81122624)
406012.50	3759837.50	0.55459	(81032424)	406012.50	3759787.50	0.53785	(81032424)
406012.50	3759737.50	0.61653	(81032424)	406012.50	3759687.50	0.56555	(81032424)
406012.50	3759637.50	0.70390	(81022824)	406012.50	3759587.50	0.62301	(81022824)
406012.50	3759537.50	0.63299	(81022824)	406012.50	3759487.50	0.55972	(81022824)
406012.50	3759437.50	0.39135	(81022824)	406012.50	3759387.50	0.27376	(81022824)

Appendix B

PM 24 hour Emissions Mitigated

406312.50	3759287.50	0.15884	(81112024)	406312.50	3759237.50	0.15687	(81112024)
406312.50	3759187.50	0.16164	(81112824)	406312.50	3759137.50	0.15890	(81112824)
406312.50	3759087.50	0.14024	(81112824)	406312.50	3759037.50	0.11435	(81112824)
406312.50	3758987.50	0.10460	(81121124)	406312.50	3758937.50	0.10515	(81111024)
406312.50	3758887.50	0.10186	(81111024)	406312.50	3758837.50	0.09135	(81111024)
406312.50	3758787.50	0.07858	(81111024)	406312.50	3758737.50	0.06953	(81110224)

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41
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CONC URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406312.50	3758687.50	0.06298	(81110224)	406312.50	3758637.50	0.06447	(81082024)
406362.50	3759437.50	0.32444	(81022824)	406362.50	3759387.50	0.22009	(81031024)
406362.50	3759337.50	0.19420	(81031024)	406362.50	3759287.50	0.16071	(81112824)
406362.50	3759237.50	0.17217	(81112824)	406362.50	3759187.50	0.17483	(81112824)
406362.50	3759137.50	0.16096	(81112824)	406362.50	3759087.50	0.13134	(81112824)
406362.50	3759037.50	0.10530	(81121124)	406362.50	3758987.50	0.10789	(81111024)
406362.50	3758937.50	0.10529	(81111024)	406362.50	3758887.50	0.08927	(81111024)
406362.50	3758837.50	0.07498	(81110224)	406362.50	3758787.50	0.06986	(81110224)
406362.50	3758737.50	0.06408	(81110224)	406362.50	3758687.50	0.06848	(81082024)
406362.50	3758637.50	0.07610	(81082024)	406412.50	3759337.50	0.16517	(81030524)
406412.50	3759287.50	0.17449	(81112824)	406412.50	3759237.50	0.19100	(81112824)
406412.50	3759187.50	0.18266	(81112824)	406412.50	3759137.50	0.15140	(81112824)
406412.50	3759087.50	0.11391	(81112824)	406412.50	3759037.50	0.10937	(81111024)
406412.50	3758987.50	0.10901	(81111024)	406412.50	3758937.50	0.09357	(81111024)
406412.50	3758887.50	0.07431	(81110224)	406412.50	3758837.50	0.06711	(81110224)
406412.50	3758787.50	0.06455	(81122424)	406412.50	3758737.50	0.07039	(81082024)
406412.50	3758687.50	0.08078	(81082024)	406412.50	3758637.50	0.08622	(81082024)
406462.50	3759287.50	0.19527	(81112824)	406462.50	3759237.50	0.20191	(81112824)
406462.50	3759187.50	0.17712	(81112824)	406462.50	3759137.50	0.13314	(81112824)
406462.50	3759087.50	0.10370	(81111024)	406462.50	3759037.50	0.10733	(81111024)
406462.50	3758987.50	0.09466	(81111024)	406462.50	3758937.50	0.08263	(81110224)
406462.50	3758887.50	0.06957	(81110224)	406462.50	3758837.50	0.06502	(81122424)
406462.50	3758787.50	0.06966	(81082024)	406462.50	3758737.50	0.07981	(81082024)
406462.50	3758687.50	0.08927	(81082024)	406462.50	3758637.50	0.08827	(81082024)
406512.50	3759287.50	0.21559	(81112824)	406512.50	3759237.50	0.20296	(81112824)
406512.50	3759187.50	0.15734	(81112824)	406512.50	3759137.50	0.11067	(81112824)
406512.50	3759087.50	0.11430	(81111024)	406512.50	3759037.50	0.09847	(81111024)
406512.50	3758987.50	0.08367	(81110224)	406512.50	3758937.50	0.07539	(81110224)
406512.50	3758887.50	0.07308	(81122424)	406512.50	3758837.50	0.07626	(81082024)
406512.50	3758787.50	0.08328	(81082024)	406512.50	3758737.50	0.09001	(81082024)
406512.50	3758687.50	0.09043	(81082024)	406512.50	3758637.50	0.08843	(81082024)
406562.50	3759237.50	0.19556	(81112824)	406562.50	3759187.50	0.14030	(81112824)
406562.50	3759137.50	0.11959	(81111024)	406562.50	3759087.50	0.10625	(81111024)
406562.50	3759037.50	0.08760	(81110224)	406562.50	3758987.50	0.07849	(81122424)
406562.50	3758937.50	0.07579	(81122424)	406562.50	3758887.50	0.07578	(81082024)
406562.50	3758837.50	0.08955	(81082024)	406562.50	3758787.50	0.09173	(81082024)
406562.50	3758737.50	0.09371	(81082024)	406562.50	3758687.50	0.08831	(81082024)
406562.50	3758637.50	0.08225	(81082024)	406562.50	3758587.50	0.07263	(81082024)
406612.50	3759187.50	0.13712	(81111024)	406612.50	3759137.50	0.12013	(81111024)
406612.50	3759087.50	0.08977	(81110224)	406612.50	3759037.50	0.08033	(81122424)

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41
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CONC URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406612.50	3758987.50	0.08469	(81122424)	406612.50	3758937.50	0.08537	(81082024)
406612.50	3758887.50	0.09515	(81082024)	406612.50	3758837.50	0.09468	(81082024)

Appendix B

PM 24 hour Emissions Mitigated

CONC		URBAN ELEV		FLGPL		NOCALM	
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 INCLUDING SOURCE(S): 1, 2, 3, 4		*** DISCRETE CARTESIAN RECEPTOR POINTS ***		** CONC OF OTHER		IN MICROGRAMS/M**3	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406612.50	3758787.50	0.08923	(81082024)	406612.50	3758737.50	0.08573	(81082024)
406612.50	3758687.50	0.07972	(81082024)	406612.50	3758637.50	0.06688	(81082024)
406612.50	3758587.50	0.06147	(81121524)	406662.50	3759187.50	0.13798	(81111024)
406662.50	3759137.50	0.09228	(81111024)	406662.50	3759087.50	0.08579	(81122424)
406662.50	3759037.50	0.09251	(81122424)	406662.50	3758987.50	0.09155	(81122424)
406662.50	3758937.50	0.09798	(81082024)	406662.50	3758887.50	0.09239	(81082024)
406662.50	3758837.50	0.08996	(81082024)	406662.50	3758787.50	0.07920	(81082024)
406662.50	3758737.50	0.07055	(81082024)	406712.50	3759137.50	0.09344	(81112824)
406712.50	3759087.50	0.10620	(81122424)	406712.50	3759037.50	0.10918	(81122424)
406712.50	3758987.50	0.10095	(81082024)	406712.50	3758937.50	0.09610	(81082024)
406712.50	3758887.50	0.07985	(81082024)	406712.50	3758587.50	0.08281	(81111924)
406762.50	3759037.50	0.12858	(81103024)	406762.50	3758987.50	0.10066	(81110124)
406762.50	3758937.50	0.07950	(81122424)	406762.50	3758687.50	0.09004	(81111924)
406762.50	3758637.50	0.09176	(81111924)	406762.50	3758587.50	0.08991	(81111924)
406812.50	3758987.50	0.10838	(81111924)	406812.50	3758687.50	0.10327	(81111924)
406812.50	3758637.50	0.09636	(81111924)	406812.50	3758587.50	0.09473	(81111924)
406862.50	3758737.50	0.10774	(81111924)	406862.50	3758687.50	0.10449	(81111924)
406862.50	3758637.50	0.09856	(81012624)	406862.50	3758587.50	0.08015	(81012624)
406912.50	3758787.50	0.12651	(81012624)	406912.50	3758737.50	0.12314	(81012624)
406912.50	3758687.50	0.12358	(81012624)	406912.50	3758637.50	0.12092	(81012624)
406912.50	3758587.50	0.12578	(81012624)	406962.50	3758737.50	0.14558	(81012624)
406962.50	3758687.50	0.14028	(81012624)	406962.50	3758637.50	0.12442	(81012624)
406962.50	3758587.50	0.14185	(81012624)	407012.50	3758687.50	0.13476	(81012624)
407012.50	3758637.50	0.12236	(81012624)	407012.50	3758587.50	0.14584	(81012624)
407062.50	3758687.50	0.11530	(81012624)	407062.50	3758637.50	0.12677	(81012624)
407062.50	3758587.50	0.14583	(81012624)	407112.50	3758637.50	0.14581	(81012924)
407112.50	3758587.50	0.15807	(81012924)	407162.50	3758637.50	0.18021	(81012924)
407162.50	3758587.50	0.18382	(81012924)	407212.50	3758637.50	0.19462	(81013024)
407212.50	3758587.50	0.22756	(81013024)	407262.50	3758637.50	0.18657	(81012624)
407262.50	3758587.50	0.19959	(81012624)	407312.50	3758637.50	0.16171	(81012624)
407312.50	3758587.50	0.16786	(81012624)	407362.50	3758637.50	0.14469	(81070324)
407362.50	3758587.50	0.14014	(81072124)	407412.50	3758637.50	0.21479	(81070324)
407412.50	3758587.50	0.20331	(81070324)	407462.50	3758637.50	0.21754	(81070324)
407462.50	3758587.50	0.22996	(81070324)	407512.50	3758637.50	0.15060	(81070324)
407512.50	3758587.50	0.16676	(81070324)	407562.50	3758637.50	0.04685	(81020724)
407562.50	3758587.50	0.04530	(81020724)	407612.50	3758637.50	0.04285	(81020724)
407612.50	3758587.50	0.04290	(81020724)	407662.50	3758637.50	0.03730	(81120724)
407662.50	3758587.50	0.03856	(81020724)	407712.50	3758637.50	0.04108	(81032224)

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS PEAK DAY 24hr PM emissions mitigated

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*** 12:00:41
*** PAGE 82

**MODELOPTs:

CONC

URBAN ELEV

FLGPL

NOCALM

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Appendix B

PM 24 hour Emissions Mitigated

407012.50	3758537.50	0.16185	(81012624)	407062.50	3758537.50	0.15206	(81012624)
407112.50	3758537.50	0.17046	(81012924)	407162.50	3758537.50	0.20423	(81012924)
407212.50	3758537.50	0.26147	(81013024)	407262.50	3758537.50	0.22655	(81012624)
407312.50	3758537.50	0.20434	(81012624)	407362.50	3758537.50	0.15189	(81012624)
407412.50	3758537.50	0.17352	(81070324)	407462.50	3758537.50	0.23663	(81070324)
407512.50	3758537.50	0.18725	(81070324)	407562.50	3758537.50	0.04319	(81020724)
407612.50	3758537.50	0.04224	(81020724)	407662.50	3758537.50	0.03919	(81020724)
407712.50	3758537.50	0.03481	(81020724)	407762.50	3758537.50	0.03606	(81032224)
407812.50	3758537.50	0.04066	(81032224)	407862.50	3758537.50	0.04355	(81032224)
407912.50	3758537.50	0.04459	(81032224)	407962.50	3758537.50	0.04384	(81032224)
408012.50	3758537.50	0.04160	(81032224)	408062.50	3758537.50	0.03826	(81032224)
408112.50	3758537.50	0.03492	(81122024)	405962.50	3758587.50	0.08435	(81111024)
406012.50	3758587.50	0.08332	(81111024)	406062.50	3758587.50	0.07903	(81111024)
406112.50	3758587.50	0.07199	(81111024)	406162.50	3758587.50	0.06670	(81022724)
406212.50	3758587.50	0.06123	(81110224)	406262.50	3758587.50	0.06204	(81082024)
406312.50	3758587.50	0.07438	(81082024)	406362.50	3758587.50	0.08184	(81082024)

*** ISCS T3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 83
 CONC

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **							
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406412.50	3758587.50	0.08744	(81082024)	406462.50	3758587.50	0.08931	(81082024)
406512.50	3758587.50	0.08336	(81082024)	405987.50	3760012.50	0.47093	(81122524)
405987.50	3759962.50	0.56901	(81122624)	405987.50	3759912.50	0.48883	(81122624)
405987.50	3759862.50	0.48805	(81032424)	405987.50	3759812.50	0.53036	(81032424)
405987.50	3759762.50	0.59556	(81032424)	405987.50	3759712.50	0.58106	(81032424)
405987.50	3759662.50	0.63392	(81022824)	405987.50	3759612.50	0.59661	(81022824)
405987.50	3759562.50	0.61883	(81022824)	405987.50	3759512.50	0.61515	(81022824)
405987.50	3759462.50	0.53104	(81022824)	405987.50	3759412.50	0.36985	(81022824)
405987.50	3759362.50	0.22354	(81022824)	405987.50	3759312.50	0.14691	(81031024)
405987.50	3759262.50	0.12648	(81031024)	405987.50	3759212.50	0.09472	(81030524)
405987.50	3759162.50	0.09404	(81112024)	405987.50	3759112.50	0.10180	(81112024)
405987.50	3759062.50	0.10213	(81112024)	405987.50	3759012.50	0.09978	(81112824)
405987.50	3758962.50	0.10312	(81112824)	405987.50	3758912.50	0.09915	(81112824)
405987.50	3758862.50	0.08998	(81112824)	405987.50	3758812.50	0.07699	(81112824)
405987.50	3758762.50	0.08128	(81121124)	405987.50	3758712.50	0.08207	(81121124)
405987.50	3758662.50	0.08396	(81111024)	406037.50	3760012.50	0.59310	(81122924)
406037.50	3759812.50	0.48416	(81032424)	406037.50	3759762.50	0.52114	(81032424)
406037.50	3759712.50	0.59595	(81032424)	406037.50	3759662.50	0.65793	(81022824)
406037.50	3759612.50	0.62288	(81022824)	406037.50	3759562.50	0.63047	(81022824)
406037.50	3759512.50	0.53833	(81022824)	406037.50	3759462.50	0.37529	(81022824)
406037.50	3759412.50	0.28651	(81022824)	406037.50	3759362.50	0.18551	(81022824)
406037.50	3759312.50	0.14272	(81031024)	406037.50	3759262.50	0.11119	(81031024)
406037.50	3759212.50	0.10169	(81031024)	406037.50	3759162.50	0.10204	(81112024)
406037.50	3759112.50	0.10796	(81112024)	406037.50	3759062.50	0.10714	(81112024)
406037.50	3759012.50	0.10964	(81112824)	406037.50	3758962.50	0.10861	(81112824)
406037.50	3758912.50	0.09970	(81112824)	406037.50	3758862.50	0.08539	(81112824)
406037.50	3758812.50	0.08454	(81121124)	406037.50	3758762.50	0.08633	(81121124)
406037.50	3758712.50	0.08675	(81111024)	406037.50	3758662.50	0.08804	(81111024)
406087.50	3760012.50	0.56613	(81122624)	406087.50	3759812.50	0.27908	(81031224)
406087.50	3759762.50	0.32995	(81032424)	406087.50	3759712.50	0.41318	(81032424)
406087.50	3759662.50	0.39460	(81022824)	406087.50	3759612.50	0.48665	(81022824)
406087.50	3759562.50	0.46208	(81022824)	406087.50	3759512.50	0.42641	(81022824)
406087.50	3759462.50	0.34329	(81022824)	406087.50	3759412.50	0.21896	(81022824)
406087.50	3759362.50	0.15369	(81022824)	406087.50	3759312.50	0.12039	(81031024)
406087.50	3759262.50	0.10820	(81030524)	406087.50	3759212.50	0.10545	(81030524)
406087.50	3759162.50	0.11119	(81112024)	406087.50	3759112.50	0.11449	(81112024)
406087.50	3759062.50	0.11556	(81112824)	406087.50	3759012.50	0.11741	(81112824)
406087.50	3758962.50	0.11004	(81112824)	406087.50	3758912.50	0.09690	(81112824)
406087.50	3758862.50	0.08745	(81121124)	406087.50	3758812.50	0.08976	(81121124)
406087.50	3758762.50	0.09085	(81111024)	406087.50	3758712.50	0.09180	(81111024)

*** ISCS T3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 84
 CONC

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***

Appendix B

INCLUDING SOURCE(S): 1 , 2 , 3 , 4 , PM 24 hour Emissions Mitigated

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER				IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406087.50	3758662.50	0.08742	(81111024)	406137.50	3760012.50	0.48806	(81122524)
406137.50	3759812.50	0.24310	(81031224)	406137.50	3759762.50	0.29158	(81032424)
406137.50	3759712.50	0.36646	(81032424)	406137.50	3759662.50	0.37813	(81022824)
406137.50	3759612.50	0.42504	(81022824)	406137.50	3759562.50	0.43056	(81022824)
406137.50	3759512.50	0.34311	(81022824)	406137.50	3759462.50	0.27158	(81022824)
406137.50	3759412.50	0.21923	(81022824)	406137.50	3759362.50	0.16135	(81022824)
406137.50	3759312.50	0.14465	(81031024)	406137.50	3759262.50	0.12361	(81031024)
406137.50	3759212.50	0.11283	(81112024)	406137.50	3759162.50	0.12166	(81112024)
406137.50	3759112.50	0.12203	(81112824)	406137.50	3759062.50	0.12554	(81112824)
406137.50	3759012.50	0.12333	(81112824)	406137.50	3758962.50	0.11044	(81112824)
406137.50	3758912.50	0.09203	(81112824)	406137.50	3758862.50	0.09492	(81121124)
406137.50	3758812.50	0.09495	(81111024)	406137.50	3758762.50	0.09640	(81111024)
406137.50	3758712.50	0.09106	(81111024)	406137.50	3758662.50	0.08364	(81111024)
406187.50	3759412.50	0.29160	(81022824)	406187.50	3759362.50	0.18230	(81022824)
406187.50	3759312.50	0.17493	(81031024)	406187.50	3759262.50	0.13303	(81031024)
406187.50	3759212.50	0.12587	(81112024)	406187.50	3759162.50	0.12844	(81112024)
406187.50	3759112.50	0.13483	(81112824)	406187.50	3759062.50	0.13384	(81112824)
406187.50	3759012.50	0.12382	(81112824)	406187.50	3758962.50	0.10623	(81112824)
406187.50	3758912.50	0.09859	(81121124)	406187.50	3758862.50	0.10093	(81111024)
406187.50	3758812.50	0.10216	(81111024)	406187.50	3758762.50	0.09462	(81111024)
406187.50	3758712.50	0.08555	(81111024)	406187.50	3758662.50	0.07689	(81111024)
406237.50	3759412.50	0.30222	(81022824)	406237.50	3759362.50	0.19519	(81031024)
406237.50	3759312.50	0.16939	(81031024)	406237.50	3759262.50	0.14125	(81031024)
406237.50	3759212.50	0.13468	(81112024)	406237.50	3759162.50	0.14201	(81112824)
406237.50	3759112.50	0.14691	(81112824)	406237.50	3759062.50	0.13734	(81112824)
406237.50	3759012.50	0.11787	(81112824)	406237.50	3758962.50	0.10166	(81121124)
406237.50	3758912.50	0.10366	(81121124)	406237.50	3758862.50	0.10600	(81111024)
406237.50	3758812.50	0.09991	(81111024)	406237.50	3758762.50	0.08733	(81111024)
406237.50	3758712.50	0.07710	(81111024)	406237.50	3758662.50	0.06843	(81022724)
406287.50	3759412.50	0.32260	(81022824)	406287.50	3759362.50	0.21701	(81031024)
406287.50	3759312.50	0.16968	(81031024)	406287.50	3759262.50	0.15157	(81112024)
406287.50	3759212.50	0.15023	(81112824)	406287.50	3759162.50	0.15659	(81112824)
406287.50	3759112.50	0.15051	(81112824)	406287.50	3759062.50	0.13320	(81112824)
406287.50	3759012.50	0.10681	(81112824)	406287.50	3758962.50	0.10521	(81121124)
406287.50	3758912.50	0.10755	(81111024)	406287.50	3758862.50	0.10148	(81111024)
406287.50	3758812.50	0.09005	(81111024)	406287.50	3758762.50	0.07770	(81111024)
406287.50	3758712.50	0.06917	(81110224)	406287.50	3758662.50	0.06262	(81110224)
406337.50	3759412.50	0.30558	(81022824)	406337.50	3759362.50	0.24282	(81031024)
406337.50	3759312.50	0.17620	(81031024)	406337.50	3759262.50	0.16120	(81112024)
406337.50	3759212.50	0.16732	(81112824)	406337.50	3759162.50	0.16841	(81112824)

• *** ISCS73 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

*** 07/29/11

*** ANALYSIS PEAK DAY 24hr PM emissions mitigated

*** 12:00:41

**MODELOPTs:

URBAN ELEV FLGPOL

NOCALM

PAGE 85

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER				IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406337.50	3759112.50	0.14882	(81112824)	406337.50	3759062.50	0.12133	(81112824)
406337.50	3759012.50	0.10513	(81121124)	406337.50	3758962.50	0.10654	(81111024)
406337.50	3758912.50	0.10152	(81111024)	406337.50	3758862.50	0.08950	(81111024)
406337.50	3758812.50	0.07785	(81111024)	406337.50	3758762.50	0.06979	(81110224)
406337.50	3758712.50	0.06327	(81110224)	406337.50	3758662.50	0.06683	(81082024)
406387.50	3759362.50	0.17614	(81031024)	406387.50	3759312.50	0.16357	(81112824)
406387.50	3759262.50	0.17312	(81112824)	406387.50	3759212.50	0.18338	(81112824)
406387.50	3759162.50	0.17012	(81112824)	406387.50	3759112.50	0.14097	(81112824)
406387.50	3759062.50	0.10692	(81112824)	406387.50	3759012.50	0.11110	(81111024)
406387.50	3758962.50	0.10668	(81111024)	406387.50	3758912.50	0.09131	(81111024)
406387.50	3758862.50	0.07332	(81110224)	406387.50	3758812.50	0.06733	(81110224)
406387.50	3758762.50	0.06446	(81122424)	406387.50	3758712.50	0.06946	(81082024)
406387.50	3758662.50	0.07922	(81082024)	406437.50	3759312.50	0.17557	(81112824)
406437.50	3759262.50	0.19227	(81112824)	406437.50	3759212.50	0.19278	(81112824)

Appendix B

PM 24 hour Emissions Mitigated

407737.50	3758612.50	0.04105	(81032224)	407787.50	3758612.50	0.04501	(81032224)
407837.50	3758612.50	0.04679	(81032224)	407887.50	3758612.50	0.04640	(81032224)
407937.50	3758612.50	0.04417	(81032224)	407987.50	3758612.50	0.04056	(81032224)
408037.50	3758612.50	0.03611	(81032224)	408087.50	3758612.50	0.03483	(81122024)

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 87
 CONC

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER		IN MICROGRAMS/M**3		**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
405987.50	3758612.50	0.08488	(81111024)	406037.50	3758612.50	0.08481	(81111024)
406087.50	3758612.50	0.08060	(81111024)	406137.50	3758612.50	0.07307	(81111024)
406187.50	3758612.50	0.06749	(81022724)	406237.50	3758612.50	0.06180	(81110224)
406287.50	3758612.50	0.06434	(81082024)	406337.50	3758612.50	0.07496	(81082024)
406387.50	3758612.50	0.08442	(81082024)	406437.50	3758612.50	0.08993	(81082024)
406487.50	3758612.50	0.08862	(81082024)	406512.50	3758562.50	0.07957	(81082024)
406537.50	3758612.50	0.08264	(81082024)	406562.50	3758562.50	0.06752	(81082024)
406612.50	3758562.50	0.06328	(81121524)	406662.50	3758562.50	0.06772	(81041924)
406712.50	3758562.50	0.08152	(81111924)	406762.50	3758562.50	0.08733	(81111924)
406812.50	3758562.50	0.08529	(81111924)	406862.50	3758562.50	0.08901	(81012624)
406912.50	3758562.50	0.13447	(81012624)	406962.50	3758562.50	0.15059	(81012624)
407012.50	3758562.50	0.15411	(81012624)	407062.50	3758562.50	0.14960	(81012624)
407112.50	3758562.50	0.16528	(81012924)	407162.50	3758562.50	0.18588	(81012924)
407212.50	3758562.50	0.24738	(81013024)	407262.50	3758562.50	0.21125	(81012624)
407312.50	3758562.50	0.17625	(81012624)	407362.50	3758562.50	0.14274	(81012624)
407412.50	3758562.50	0.18828	(81070324)	407462.50	3758562.50	0.23735	(81070324)
407512.50	3758562.50	0.17799	(81070324)	407562.50	3758562.50	0.04430	(81020724)
407612.50	3758562.50	0.04265	(81020724)	407662.50	3758562.50	0.03896	(81020724)
407712.50	3758562.50	0.03466	(81120724)	407762.50	3758562.50	0.03854	(81032224)
407812.50	3758562.50	0.04268	(81032224)	407862.50	3758562.50	0.04493	(81032224)
407912.50	3758562.50	0.04521	(81032224)	407962.50	3758562.50	0.04372	(81032224)
408012.50	3758562.50	0.04083	(81032224)	408062.50	3758562.50	0.03698	(81032224)
408112.50	3758562.50	0.03506	(81122024)	405987.50	3759987.50	0.48044	(81122524)
405987.50	3759937.50	0.48949	(81122624)	405987.50	3759887.50	0.48179	(81122624)
405987.50	3759837.50	0.54430	(81032424)	405987.50	3759787.50	0.52896	(81032424)
405987.50	3759737.50	0.60335	(81032424)	405987.50	3759687.50	0.55287	(81032424)
405987.50	3759637.50	0.68370	(81022824)	405987.50	3759587.50	0.60170	(81022824)
405987.50	3759537.50	0.63348	(81022824)	405987.50	3759487.50	0.58035	(81022824)
405987.50	3759437.50	0.45942	(81022824)	405987.50	3759387.50	0.28968	(81022824)
405987.50	3759337.50	0.17631	(81022824)	405987.50	3759287.50	0.13414	(81031024)
405987.50	3759237.50	0.11477	(81031024)	405987.50	3759187.50	0.09335	(81030524)
405987.50	3759137.50	0.10009	(81112024)	405987.50	3759087.50	0.10215	(81112024)
405987.50	3759037.50	0.09830	(81112024)	405987.50	3758987.50	0.10244	(81112824)
405987.50	3758937.50	0.10244	(81112824)	405987.50	3758887.50	0.09459	(81112824)
405987.50	3758837.50	0.08349	(81112824)	405987.50	3758787.50	0.07909	(81121124)
405987.50	3758737.50	0.08139	(81121124)	405987.50	3758687.50	0.08315	(81111024)
406037.50	3759987.50	0.51053	(81122524)	406037.50	3759837.50	0.47133	(81032424)
406037.50	3759787.50	0.51455	(81032424)	406037.50	3759737.50	0.59645	(81032424)
406037.50	3759687.50	0.57804	(81032424)	406037.50	3759637.50	0.70744	(81022824)
406037.50	3759587.50	0.62408	(81022824)	406037.50	3759537.50	0.60447	(81022824)

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 88
 CONC

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER		IN MICROGRAMS/M**3		**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406037.50	3759487.50	0.44017	(81022824)	406037.50	3759437.50	0.32635	(81022824)
406037.50	3759387.50	0.23653	(81022824)	406037.50	3759337.50	0.15053	(81022824)
406037.50	3759287.50	0.12487	(81031024)	406037.50	3759237.50	0.10673	(81031024)
406037.50	3759187.50	0.09920	(81030524)	406037.50	3759137.50	0.10588	(81112024)

Appendix B

PM 24 hour Emissions Mitigated

406037.50	3759087.50	0.10851	(81112024)	406037.50	3759037.50	0.10692	(81112824)
406037.50	3758987.50	0.10982	(81112824)	406037.50	3758937.50	0.10458	(81112824)
406037.50	3758887.50	0.09332	(81112824)	406037.50	3758837.50	0.08067	(81121124)
406037.50	3758787.50	0.08569	(81121124)	406037.50	3758737.50	0.08562	(81121124)
406037.50	3758687.50	0.08618	(81111024)	406087.50	3759987.50	0.48494	(81122524)
406087.50	3759837.50	0.30266	(81031224)	406087.50	3759787.50	0.29418	(81032424)
406087.50	3759737.50	0.38201	(81032424)	406087.50	3759687.50	0.40253	(81032424)
406087.50	3759637.50	0.45484	(81022824)	406087.50	3759587.50	0.48082	(81022824)
406087.50	3759537.50	0.44037	(81022824)	406087.50	3759487.50	0.39430	(81022824)
406087.50	3759437.50	0.26542	(81022824)	406087.50	3759387.50	0.18119	(81022824)
406087.50	3759337.50	0.12726	(81022824)	406087.50	3759287.50	0.12778	(81031024)
406087.50	3759237.50	0.10680	(81030524)	406087.50	3759187.50	0.10693	(81112024)
406087.50	3759137.50	0.11390	(81112024)	406087.50	3759087.50	0.11397	(81112024)
406087.50	3759037.50	0.11664	(81112824)	406087.50	3758987.50	0.11491	(81112824)
406087.50	3758937.50	0.10338	(81112824)	406087.50	3758887.50	0.08958	(81112824)
406087.50	3758837.50	0.08876	(81121124)	406087.50	3758787.50	0.08971	(81121124)
406087.50	3758737.50	0.09211	(81111024)	406087.50	3758687.50	0.09018	(81111024)
406137.50	3759987.50	0.47795	(81122624)	406137.50	3759837.50	0.23718	(81031224)
406137.50	3759787.50	0.24239	(81031224)	406137.50	3759737.50	0.33404	(81032424)
406137.50	3759687.50	0.38191	(81032424)	406137.50	3759637.50	0.40102	(81022824)
406137.50	3759587.50	0.43588	(81022824)	406137.50	3759537.50	0.41520	(81022824)
406137.50	3759487.50	0.30097	(81022824)	406137.50	3759437.50	0.24564	(81022824)
406137.50	3759387.50	0.19293	(81022824)	406137.50	3759337.50	0.13607	(81022824)
406137.50	3759287.50	0.13753	(81031024)	406137.50	3759237.50	0.11594	(81030524)
406137.50	3759187.50	0.11972	(81112024)	406137.50	3759137.50	0.12157	(81112024)
406137.50	3759087.50	0.12477	(81112824)	406137.50	3759037.50	0.12463	(81112824)
406137.50	3758987.50	0.11788	(81112824)	406137.50	3758937.50	0.10182	(81112824)
406137.50	3758887.50	0.09311	(81121124)	406137.50	3758837.50	0.09547	(81121124)
406137.50	3758787.50	0.09523	(81111024)	406137.50	3758737.50	0.09375	(81111024)
406137.50	3758687.50	0.08725	(81111024)	406187.50	3759437.50	0.35967	(81022824)
406187.50	3759387.50	0.22685	(81022824)	406187.50	3759337.50	0.18204	(81031024)
406187.50	3759287.50	0.15090	(81031024)	406187.50	3759237.50	0.12178	(81030524)
406187.50	3759187.50	0.12640	(81112024)	406187.50	3759137.50	0.13201	(81112824)
406187.50	3759087.50	0.13589	(81112824)	406187.50	3759037.50	0.12971	(81112824)
406187.50	3758987.50	0.11597	(81112824)	406187.50	3758937.50	0.09698	(81121124)
406187.50	3758887.50	0.10079	(81121124)	406187.50	3758837.50	0.10174	(81111024)

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated

**MODELPTS:
 CONC URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER	IN MICROGRAMS/M**3	**			
X-COORD (M)	Y-COORD (M)	CONC (YYMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMDDHH)
406187.50	3758787.50	0.09746 (81111024)	406187.50	3758737.50	0.09054 (81111024)
406187.50	3758687.50	0.08050 (81111024)	406237.50	3759437.50	0.39014 (81022824)
406237.50	3759387.50	0.23440 (81022824)	406237.50	3759337.50	0.18300 (81031024)
406237.50	3759287.50	0.15743 (81031024)	406237.50	3759237.50	0.13691 (81112024)
406237.50	3759187.50	0.13787 (81112824)	406237.50	3759137.50	0.14416 (81112824)
406237.50	3759087.50	0.14403 (81112824)	406237.50	3759037.50	0.12812 (81112824)
406237.50	3758987.50	0.10659 (81112824)	406237.50	3758937.50	0.10419 (81121124)
406237.50	3758887.50	0.10499 (81111024)	406237.50	3758837.50	0.10468 (81111024)
406237.50	3758787.50	0.09397 (81111024)	406237.50	3758737.50	0.08306 (81111024)
406237.50	3758687.50	0.07096 (81111024)	406287.50	3759437.50	0.39457 (81022824)
406287.50	3759387.50	0.26219 (81022824)	406287.50	3759337.50	0.18747 (81031024)
406287.50	3759287.50	0.15612 (81031024)	406287.50	3759237.50	0.15034 (81112024)
406287.50	3759187.50	0.15294 (81112824)	406287.50	3759137.50	0.15622 (81112824)
406287.50	3759087.50	0.14338 (81112824)	406287.50	3759037.50	0.12098 (81112824)
406287.50	3758987.50	0.10303 (81121124)	406287.50	3758937.50	0.10767 (81111024)
406287.50	3758887.50	0.10491 (81111024)	406287.50	3758837.50	0.09382 (81111024)
406287.50	3758787.50	0.08555 (81111024)	406287.50	3758737.50	0.07272 (81110224)
406287.50	3758687.50	0.06651 (81110224)	406337.50	3759437.50	0.37607 (81022824)
406337.50	3759387.50	0.25444 (81031024)	406337.50	3759337.50	0.20761 (81031024)
406337.50	3759287.50	0.16193 (81112024)	406337.50	3759237.50	0.16399 (81112824)
406337.50	3759187.50	0.17014 (81112824)	406337.50	3759137.50	0.16176 (81112824)
406337.50	3759087.50	0.13535 (81112824)	406337.50	3759037.50	0.10682 (81112824)
406337.50	3758987.50	0.10551 (81111024)	406337.50	3758937.50	0.10432 (81111024)
406337.50	3758887.50	0.09680 (81111024)	406337.50	3758837.50	0.08198 (81111024)
406337.50	3758787.50	0.07389 (81110224)	406337.50	3758737.50	0.06718 (81110224)
406337.50	3758687.50	0.06224 (81122424)	406387.50	3759337.50	0.16751 (81030524)

Appendix B

PM 24 hour Emissions Mitigated

406387.50	3759287.50	0.16859	(81112824)	406387.50	3759237.50	0.18014	(81112824)
406387.50	3759187.50	0.18070	(81112824)	406387.50	3759137.50	0.15727	(81112824)
406387.50	3759087.50	0.12319	(81112824)	406387.50	3759037.50	0.10634	(81121124)
406387.50	3758987.50	0.11110	(81111024)	406387.50	3758937.50	0.09981	(81111024)
406387.50	3758887.50	0.07923	(81111024)	406387.50	3758837.50	0.07125	(81110224)
406387.50	3758787.50	0.06558	(81110224)	406387.50	3758737.50	0.06523	(81122424)
406387.50	3758687.50	0.07495	(81082024)	406437.50	3759337.50	0.17047	(81112824)
406437.50	3759287.50	0.18315	(81112824)	406437.50	3759237.50	0.19745	(81112824)
406437.50	3759187.50	0.18132	(81112824)	406437.50	3759137.50	0.14315	(81112824)
406437.50	3759087.50	0.10542	(81121124)	406437.50	3759037.50	0.10997	(81111024)
406437.50	3758987.50	0.10308	(81111024)	406437.50	3758937.50	0.08721	(81111024)
406437.50	3758887.50	0.07255	(81110224)	406437.50	3758837.50	0.06390	(81122424)
406437.50	3758787.50	0.06589	(81122424)	406437.50	3758737.50	0.07381	(81082024)
406437.50	3758687.50	0.08565	(81082024)	406487.50	3759287.50	0.20377	(81112824)

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41
 **MODELOPTs: PAGE 90
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406487.50	3759237.50	0.20396	(81112824)	406487.50	3759187.50	0.16620	(81112824)
406487.50	3759137.50	0.12189	(81112824)	406487.50	3759087.50	0.11054	(81111024)
406487.50	3759037.50	0.10515	(81111024)	406487.50	3758987.50	0.08835	(81111024)
406487.50	3758937.50	0.08063	(81110224)	406487.50	3758887.50	0.07024	(81122424)
406487.50	3758837.50	0.06973	(81122424)	406487.50	3758787.50	0.07701	(81082024)
406487.50	3758737.50	0.08626	(81082024)	406487.50	3758687.50	0.09099	(81082024)
406537.50	3759237.50	0.19817	(81112824)	406537.50	3759187.50	0.14769	(81112824)
406537.50	3759137.50	0.11340	(81111024)	406537.50	3759087.50	0.11313	(81111024)
406537.50	3759037.50	0.08986	(81111024)	406537.50	3758987.50	0.07880	(81110224)
406537.50	3758937.50	0.07447	(81122424)	406537.50	3758887.50	0.07469	(81122424)
406537.50	3758837.50	0.08447	(81082024)	406537.50	3758787.50	0.09196	(81082024)
406537.50	3758737.50	0.09303	(81082024)	406537.50	3758687.50	0.09165	(81082024)
406587.50	3759237.50	0.19045	(81112824)	406587.50	3759187.50	0.12841	(81112824)
406587.50	3759137.50	0.12148	(81111024)	406587.50	3759087.50	0.09678	(81111024)
406587.50	3759037.50	0.08228	(81110224)	406587.50	3758987.50	0.08094	(81122424)
406587.50	3758937.50	0.08134	(81122424)	406587.50	3758887.50	0.08624	(81082024)
406587.50	3758837.50	0.09362	(81082024)	406587.50	3758787.50	0.09366	(81082024)
406587.50	3758737.50	0.08873	(81082024)	406587.50	3758687.50	0.08432	(81082024)
406587.50	3758637.50	0.07493	(81082024)	406637.50	3759187.50	0.13978	(81111024)
406637.50	3759137.50	0.10999	(81111024)	406637.50	3759087.50	0.08865	(81110224)
406637.50	3759037.50	0.08332	(81122424)	406637.50	3758987.50	0.08673	(81122424)
406637.50	3758937.50	0.09136	(81082024)	406637.50	3758887.50	0.09771	(81082024)
406637.50	3758837.50	0.09309	(81082024)	406637.50	3758787.50	0.08646	(81082024)
406637.50	3758737.50	0.07852	(81082024)	406637.50	3758687.50	0.07134	(81082024)
406687.50	3759137.50	0.08736	(81112824)	406687.50	3759087.50	0.08996	(81122424)
406687.50	3759037.50	0.09830	(81122424)	406687.50	3758987.50	0.09604	(81082024)
406687.50	3758937.50	0.09959	(81082024)	406687.50	3758887.50	0.08887	(81082024)
406687.50	3758837.50	0.08231	(81082024)	406687.50	3758737.50	0.06725	(81041924)
406737.50	3759137.50	0.10459	(81112824)	406737.50	3759037.50	0.11702	(81122424)
406737.50	3758987.50	0.10243	(81103024)	406737.50	3758937.50	0.08642	(81110124)
406737.50	3758637.50	0.08852	(81111924)	406787.50	3759037.50	0.13323	(81103024)
406787.50	3758987.50	0.09416	(81110124)	406787.50	3758937.50	0.08672	(81111924)
406787.50	3758687.50	0.09795	(81111924)	406787.50	3758637.50	0.09241	(81111924)
406837.50	3758737.50	0.10758	(81111924)	406837.50	3758687.50	0.10548	(81111924)
406837.50	3758637.50	0.09749	(81111924)	406887.50	3758787.50	0.11228	(81111924)
406887.50	3758737.50	0.10996	(81012624)	406887.50	3758687.50	0.11306	(81012624)
406887.50	3758637.50	0.11019	(81012624)	406937.50	3758737.50	0.13666	(81012624)
406937.50	3758687.50	0.13411	(81012624)	406937.50	3758637.50	0.12552	(81012624)
406987.50	3758737.50	0.15005	(81012624)	406987.50	3758687.50	0.14192	(81012624)
406987.50	3758637.50	0.12433	(81012624)	407037.50	3758687.50	0.12630	(81012624)

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41
 **MODELOPTs: PAGE 91
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

Appendix B

PM 24 hour Emissions Mitigated
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407037.50	3758637.50	0.12058	(81012624)	407087.50	3758637.50	0.13877	(81012624)
407137.50	3758637.50	0.16313	(81012924)	407187.50	3758637.50	0.18631	(81012924)
407237.50	3758637.50	0.18515	(81012624)	407287.50	3758637.50	0.17608	(81012624)
407337.50	3758637.50	0.14526	(81012624)	407387.50	3758637.50	0.18349	(81070324)
407437.50	3758637.50	0.23018	(81070324)	407487.50	3758637.50	0.18495	(81070324)
407537.50	3758637.50	0.04791	(81020724)	407587.50	3758637.50	0.04512	(81020724)
407637.50	3758637.50	0.04018	(81020724)	407687.50	3758637.50	0.03814	(81032224)
407737.50	3758637.50	0.04355	(81032224)	407787.50	3758637.50	0.04681	(81032224)
407837.50	3758637.50	0.04771	(81032224)	407887.50	3758637.50	0.04643	(81032224)
407937.50	3758637.50	0.04339	(81032224)	407987.50	3758637.50	0.03917	(81032224)
408037.50	3758637.50	0.03459	(81122024)	408087.50	3758637.50	0.03448	(81122024)
405987.50	3758637.50	0.08568	(81111024)	405987.50	3758587.50	0.08489	(81111024)
406037.50	3758637.50	0.08663	(81111024)	406037.50	3758587.50	0.08218	(81111024)
406087.50	3758637.50	0.08377	(81111024)	406087.50	3758587.50	0.07686	(81111024)
406137.50	3758637.50	0.07761	(81111024)	406137.50	3758587.50	0.06865	(81111024)
406187.50	3758637.50	0.07110	(81111024)	406187.50	3758587.50	0.06371	(81022724)
406237.50	3758637.50	0.06411	(81110224)	406237.50	3758587.50	0.05902	(81112924)
406287.50	3758637.50	0.06013	(81112924)	406287.50	3758587.50	0.06950	(81082024)
406337.50	3758637.50	0.07023	(81082024)	406337.50	3758587.50	0.07916	(81082024)
406387.50	3758637.50	0.08125	(81082024)	406387.50	3758587.50	0.08476	(81082024)
406437.50	3758637.50	0.08857	(81082024)	406437.50	3758587.50	0.08893	(81082024)
406487.50	3758637.50	0.09053	(81082024)	406487.50	3758587.50	0.08551	(81082024)
406537.50	3758637.50	0.08566	(81082024)	406537.50	3758587.50	0.07923	(81082024)
406587.50	3758587.50	0.06471	(81082024)	406737.50	3758587.50	0.08707	(81111924)
406787.50	3758587.50	0.09518	(81111924)	406837.50	3758587.50	0.08821	(81111924)
406887.50	3758587.50	0.08848	(81012624)	406937.50	3758587.50	0.13527	(81012624)
406987.50	3758587.50	0.14469	(81012624)	407037.50	3758587.50	0.15146	(81012624)
407087.50	3758587.50	0.14622	(81012624)	407137.50	3758587.50	0.17319	(81012924)
407187.50	3758587.50	0.21625	(81012924)	407237.50	3758587.50	0.21708	(81013024)
407287.50	3758587.50	0.18140	(81012624)	407337.50	3758587.50	0.15319	(81012624)
407387.50	3758587.50	0.16589	(81070324)	407437.50	3758587.50	0.22440	(81070324)
407487.50	3758587.50	0.20569	(81070324)	407537.50	3758587.50	0.04552	(81020724)
407587.50	3758587.50	0.04440	(81020724)	407637.50	3758587.50	0.04091	(81020724)
407687.50	3758587.50	0.03599	(81020724)	407737.50	3758587.50	0.03847	(81032224)
407787.50	3758587.50	0.04300	(81032224)	407837.50	3758587.50	0.04555	(81032224)
407887.50	3758587.50	0.04602	(81032224)	407937.50	3758587.50	0.04459	(81032224)
407987.50	3758587.50	0.04165	(81032224)	408037.50	3758587.50	0.03768	(81032224)
408087.50	3758587.50	0.03496	(81122024)	408749.81	3760427.50	0.03599	(81061924)
408576.44	3760430.50	0.04661	(81061924)	408341.81	3760655.25	0.05168	(81061924)
408422.13	3760726.50	0.04855	(81061924)	408512.50	3760597.25	0.05444	(81061924)

* *** ICST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41
 **MODELOPTs: PAGE 92
 CONC URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
408737.16	3760284.25	0.03540	(81062124)	407589.22	3757492.75	0.02530	(81010424)
406297.84	3757662.00	0.04807	(81111924)	406584.22	3757389.75	0.06080	(81012624)
407118.84	3757983.50	0.12384	(81022224)	406874.28	3758349.75	0.15381	(81012624)
406620.19	3758321.00	0.07883	(81111924)	406622.53	3757771.75	0.06701	(81021524)
406913.03	3757488.00	0.07949	(81012624)	406700.63	3757538.25	0.08931	(81012624)
407066.22	3757290.75	0.07231	(81022224)	407127.28	3757406.50	0.08367	(81022224)
408971.50	3759219.25	0.04145	(81071424)	408922.47	3758958.75	0.03280	(81071424)
408826.50	3758876.00	0.02909	(81071424)	409072.44	3758868.25	0.02907	(81071424)
408994.97	3758728.50	0.02744	(81120224)	408227.34	3758224.50	0.03668	(81032224)
408139.69	3758492.50	0.03470	(81122024)	408581.97	3758154.25	0.03184	(81122024)
408461.59	3758025.75	0.03182	(81032224)	407729.41	3758130.75	0.03090	(81020724)
407645.41	3757976.25	0.02550	(81120724)	407482.91	3757723.50	0.11210	(81012624)
405320.38	3759820.00	0.19047	(81032424)	405904.09	3759261.50	0.11765	(81031024)
405691.53	3759433.25	0.29438	(81022824)	405617.38	3759631.25	0.54589	(81022824)
405524.66	3759523.75	0.30370	(81022824)	405402.38	3759491.75	0.27351	(81022824)
405646.00	3759323.00	0.14314	(81022824)	405616.31	3759173.50	0.07610	(81031024)

Appendix B

PM 24 hour Emissions Mitigated

405512.63	3759095.00	0.06898	(81031024)	405377.47	3759043.00	0.06672	(81031024)
405466.31	3758975.75	0.06468	(81031024)	405527.84	3758925.25	0.07211	(81112024)
406550.63	3758915.00	0.07622	(81122424)	406480.47	3759093.00	0.10782	(81111024)
406259.69	3759222.50	0.14195	(81112024)	406195.81	3759106.75	0.13719	(81112824)
406070.25	3759025.25	0.11410	(81112824)	405757.63	3758923.00	0.08940	(81112024)
405844.38	3758855.25	0.08781	(81112824)	406318.13	3758856.00	0.09461	(81111024)
406403.53	3759010.50	0.11240	(81111024)	406352.00	3759038.50	0.10418	(81121124)
406045.00	3760461.25	0.48816	(81082124)	407358.28	3758534.50	0.15913	(81012624)
407261.69	3758458.75	0.24927	(81012624)	406506.84	3758549.25	0.07953	(81082024)
406457.91	3758378.00	0.06590	(81082024)	406301.69	3758551.25	0.07843	(81082024)
406205.03	3758613.50	0.06558	(81022724)	406115.41	3758675.25	0.08703	(81111024)
406028.59	3758737.00	0.08413	(81121124)	405938.28	3758799.00	0.07877	(81112824)
405736.72	3758451.50	0.07317	(81111024)	405814.44	3758395.25	0.07499	(81111024)
406257.69	3758091.75	0.06715	(81082024)	406166.63	3758153.50	0.07961	(81082024)
405932.31	3758196.50	0.05221	(81082024)	406072.19	3758298.75	0.06438	(81082024)
405823.09	3758062.75	0.04996	(81082024)	405911.28	3757995.50	0.06735	(81082024)
405982.13	3757889.25	0.07124	(81082024)	405799.16	3757924.25	0.05881	(81082024)
405647.81	3758653.25	0.06699	(81112824)	405489.16	3758508.50	0.05553	(81112824)
405436.44	3758454.50	0.05174	(81121124)	405455.72	3758338.00	0.05987	(81121124)
405549.16	3758093.00	0.06501	(81111024)	405661.88	3758014.50	0.05039	(81022724)
405479.72	3758764.50	0.07160	(81112024)	405359.16	3758904.50	0.06420	(81112024)
405170.69	3759021.00	0.06507	(81031024)	405201.97	3758906.00	0.06226	(81031024)
405349.88	3758821.25	0.06749	(81112024)	405215.44	3758773.00	0.06510	(81112024)
405359.75	3758681.25	0.06611	(81112024)	405435.38	3758629.50	0.06182	(81112824)

*** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41
 **MODELOPTs: PAGE 93
 CONC URBAN ELEV FLGPOL NOCALM

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
405236.44	3759463.75	0.20061	(81022824)	405212.38	3759382.75	0.16127	(81022824)
405186.19	3759300.00	0.11989	(81022824)	405257.38	3759088.75	0.06473	(81031024)
408456.66	3760361.75	0.05027	(81061924)	408269.97	3760516.25	0.06034	(81061924)
407367.84	3760879.75	0.34340	(81060824)	408322.63	3760275.50	0.05444	(81061924)
408794.38	3759931.00	0.04510	(81071924)	406130.81	3760014.50	0.49538	(81122524)

*** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41
 **MODELOPTs: PAGE 94
 CONC URBAN ELEV FLGPOL NOCALM

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
1	HIGH 1ST HIGH VALUE IS 0.80688	ON 81082124: AT (	406308.91, 3760314.25, 229.12,	1.50) DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 BD = BOUNDARY

*** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS PEAK DAY 24hr PM emissions mitigated *** 12:00:41
 **MODELOPTs: PAGE 95
 CONC URBAN ELEV FLGPOL NOCALM

*** Message Summary : IS CST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)

Appendix B

PM 24 hour Emissions Mitigated

A Total of 4 Warning Message(s)
A Total of 75552 Informational Message(s)
A Total of 1405 Calm Hours Identified
A Total of 74147 Cases Identified with HE > ZI

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
ME W360 7444 SET_WI:2-Digit Year Specified: Valid for Range 1950-2049 SURFDATA
SO W320 30 PPARAM :Input Parameter May Be Out-of-Range for Parameter QS
SO W320 34 PPARAM :Input Parameter May Be Out-of-Range for Parameter QS
RE W282 7437 CHK_EL:RecElev < SrcBase; See non-DEFAULT HE>ZI option in MCB#9

*** ISCST3 Finishes Successfully ***

Appendix B

PM Annual Emissions unmitigated

** ISC input file generated by GCC from
** Date: 7/22/2011

CO STARTING

TITLEONE WHITTIER MATRIX OIL PROJECT
TITLETWO ANALYSIS ANNUAL PM emissions
MODELOPT CONC URBAN NOCALM
AVERTIME ANNUAL
POLLUTID Other
TERRHGTs ELEV
RUNORNOT RUN
ERRORFIL c:\ISC\zERROR.ERR
FLAGPOLE 0.0

CO FINISHED

** UTMZONE 11
** SRCPARAM g/sec - height m - temp K - velocity m/s - dia m

SO STARTING

ELEVUNIT FEET

** Flare
LOCATION 1 POINT 407065 3759568 495
SRCPARAM 1 0.005 12.2 1050 3.7 1.8

** DEA Reboiler
LOCATION 2 POINT 407085 3759498 495
SRCPARAM 2 0.008 6.1 565.0 2.8 0.25

** Heater
LOCATION 3 POINT 407085 3759498 495
SRCPARAM 3 0.002 6.1 565.0 2.8 0.5

** Drill Rig
LOCATION 4 POINT 407130 3759340 485
SRCPARAM 4 0.022 4.0 783.0 3.6 0.2

SRCGROUP 1 1-4

SO FINISHED

RE STARTING

ELEVUNIT FEET

** receptor 1 property boundary receptor: 1
DISCCART 409779.521165832 3759787.55611628 0.00 1.50
** receptor =B6+1 property boundary receptor: =C6+1
DISCCART 409779.356248946 3759762.55120596 0.00 1.50
** receptor =B7+1 property boundary receptor: =C7+1
DISCCART 409779.19133206 3759737.5562936 0.00 1.50
** receptor =B8+1 property boundary receptor: =C8+1
DISCCART 409779.026415174 3759712.55138327 0.00 1.50
** receptor =B9+1 property boundary receptor: =C9+1
DISCCART 409778.869744132 3759687.55647092 0.00 1.50
** receptor =B10+1 property boundary receptor: =C10+1
DISCCART 409778.704827246 3759662.56155856 0.00 1.50
** receptor =B11+1 property boundary receptor: =C11+1
DISCCART 409778.539910361 3759637.55664824 0.00 1.50
** receptor =B12+1 property boundary receptor: =C12+1
DISCCART 409778.374993475 3759612.56173588 0.00 1.50
** receptor =B13+1 property boundary receptor: =C13+1
DISCCART 409778.210076589 3759587.55682556 0.00 1.50
** receptor =B14+1 property boundary receptor: =C14+1
DISCCART 409778.053405547 3759562.5619132 0.00 1.50
** receptor =B15+1 property boundary receptor: =C15+1
DISCCART 409777.888488661 3759537.55700287 0.00 1.50
** receptor =B16+1 property boundary receptor: =C16+1
DISCCART 409777.723571775 3759512.56209052 0.00 1.50
** receptor =B17+1 property boundary receptor: =C17+1
DISCCART 409777.558654889 3759487.55718019 0.00 1.50

Appendix B

PM Annual Emissions unmitigated

** receptor =B18+1 property boundary receptor: =C18+1
DISCCART 409777.393738003 3759462.56226784 0.00 1.50
** receptor =B19+1 property boundary receptor: =C19+1
DISCCART 409777.237066962 3759437.55735751 0.00 1.50
** receptor =B20+1 property boundary receptor: =C20+1
DISCCART 409777.072150076 3759412.56244516 0.00 1.50
** receptor =B21+1 property boundary receptor: =C21+1
DISCCART 409776.90723319 3759387.55753483 0.00 1.50
** receptor =B22+1 property boundary receptor: =C22+1
DISCCART 409776.742316304 3759362.56262247 0.00 1.50
** receptor =B23+1 property boundary receptor: =C23+1
DISCCART 409776.577399418 3759337.56771012 0.00 1.50
** receptor =B24+1 property boundary receptor: =C24+1
DISCCART 409776.420728376 3759312.56279979 0.00 1.50
** receptor =B25+1 property boundary receptor: =C25+1
DISCCART 409776.25581149 3759287.56788744 0.00 1.50
** receptor =B26+1 property boundary receptor: =C26+1
DISCCART 409776.090894605 3759262.56297711 0.00 1.50
** receptor =B27+1 property boundary receptor: =C27+1
DISCCART 409775.925977719 3759237.56806476 0.00 1.50
** receptor =B28+1 property boundary receptor: =C28+1
DISCCART 409775.653864857 3759212.56315443 0.00 1.50
** receptor =B29+1 property boundary receptor: =C29+1
DISCCART 409775.389997839 3759187.56824207 0.00 1.50
** receptor =B30+1 property boundary receptor: =C30+1
DISCCART 409775.117884978 3759162.56333175 0.00 1.50
** receptor =B31+1 property boundary receptor: =C31+1
DISCCART 409774.845772116 3759137.56841939 0.00 1.50
** receptor =B32+1 property boundary receptor: =C32+1
DISCCART 409774.581905098 3759112.57350704 0.00 1.50
** receptor =B33+1 property boundary receptor: =C33+1
DISCCART 409774.309792237 3759087.56859671 0.00 1.50
** receptor =B34+1 property boundary receptor: =C34+1
DISCCART 409774.037679375 3759062.57368436 0.00 1.50
** receptor =B35+1 property boundary receptor: =C35+1
DISCCART 409773.773812357 3759037.578772 0.00 1.50
** receptor =B36+1 property boundary receptor: =C36+1
DISCCART 409765.239363511 3759020.17231503 0.00 1.50
** receptor =B37+1 property boundary receptor: =C37+1
DISCCART 409740.237963605 3759020.5522377 0.00 1.50
** receptor =B38+1 property boundary receptor: =C38+1
DISCCART 409715.244809544 3759020.89216851 0.00 1.50
** receptor =B39+1 property boundary receptor: =C39+1
DISCCART 409690.243409638 3759021.21210339 0.00 1.50
** receptor =B40+1 property boundary receptor: =C40+1
DISCCART 409665.242009733 3759021.53203826 0.00 1.50
** receptor =B41+1 property boundary receptor: =C41+1
DISCCART 409640.248855671 3759021.86197111 0.00 1.50
** receptor =B42+1 property boundary receptor: =C42+1
DISCCART 409615.247455766 3759022.18190599 0.00 1.50
** receptor =B43+1 property boundary receptor: =C43+1
DISCCART 409590.254301704 3759022.50184086 0.00 1.50
** receptor =B44+1 property boundary receptor: =C44+1
DISCCART 409565.252901799 3759022.83177371 0.00 1.50
** receptor =B45+1 property boundary receptor: =C45+1
DISCCART 409540.259747738 3759023.15170858 0.00 1.50
** receptor =B46+1 property boundary receptor: =C46+1
DISCCART 409515.266593676 3759024.15150508 0.00 1.50
** receptor =B47+1 property boundary receptor: =C47+1
DISCCART 409490.289931303 3759025.35126087 0.00 1.50
** receptor =B48+1 property boundary receptor: =C48+1
DISCCART 409465.321514775 3759026.38105126 0.00 1.50
** receptor =B49+1 property boundary receptor: =C49+1
DISCCART 409440.336606558 3759027.09090677 0.00 1.50
** receptor =B50+1 property boundary receptor: =C50+1
DISCCART 409415.351698341 3759027.66079077 0.00 1.50
** receptor =B51+1 property boundary receptor: =C51+1
DISCCART 409390.342052591 3759027.87074804 0.00 1.50
** receptor =B52+1 property boundary receptor: =C52+1
DISCCART 409365.34889853 3759028.39064221 0.00 1.50
** receptor =B53+1 property boundary receptor: =C53+1
DISCCART 409340.355744468 3759028.90053843 0.00 1.50
** receptor =B54+1 property boundary receptor: =C54+1
DISCCART 409315.362590407 3759029.4204326 0.00 1.50
** receptor =B55+1 property boundary receptor: =C55+1
DISCCART 409290.369436346 3759029.94032678 0.00 1.50

Appendix B

PM Annual Emissions unmitigated

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** receptor =B56+1 property boundary receptor: =C56+1
DISCCART 409265.376282284 3759030.45022299 0.00 1.50
** receptor =B57+1 property boundary receptor: =C57+1
DISCCART 409240.374882379 3759030.97011717 0.00 1.50
** receptor =B58+1 property boundary receptor: =C58+1
DISCCART 409215.381728317 3759031.48001338 0.00 1.50
** receptor =B59+1 property boundary receptor: =C59+1
DISCCART 409190.388574256 3759031.99990756 0.00 1.50
** receptor =B60+1 property boundary receptor: =C60+1
DISCCART 409165.395420195 3759032.51980174 0.00 1.50
** receptor =B61+1 property boundary receptor: =C61+1
DISCCART 409140.402266133 3759033.02969795 0.00 1.50
** receptor =B62+1 property boundary receptor: =C62+1
DISCCART 409115.400866228 3759033.54959213 0.00 1.50
** receptor =B63+1 property boundary receptor: =C63+1
DISCCART 409090.407712167 3759034.0694863 0.00 1.50
** receptor =B64+1 property boundary receptor: =C64+1
DISCCART 409065.414558105 3759034.57938251 0.00 1.50
** receptor =B65+1 property boundary receptor: =C65+1
DISCCART 409040.421404044 3759035.09927669 0.00 1.50
** receptor =B66+1 property boundary receptor: =C66+1
DISCCART 409015.428249983 3759035.61917087 0.00 1.50
** receptor =B67+1 property boundary receptor: =C67+1
DISCCART 408990.426850077 3759036.12906708 0.00 1.50
** receptor =B68+1 property boundary receptor: =C68+1
DISCCART 408965.433696016 3759036.64896126 0.00 1.50
** receptor =B69+1 property boundary receptor: =C69+1
DISCCART 408940.440541954 3759037.15885747 0.00 1.50
** receptor =B70+1 property boundary receptor: =C70+1
DISCCART 408915.447387893 3759037.67875165 0.00 1.50
** receptor =B71+1 property boundary receptor: =C71+1
DISCCART 408890.454233832 3759038.19864582 0.00 1.50
** receptor =B72+1 property boundary receptor: =C72+1
DISCCART 408865.46107977 3759038.70854204 0.00 1.50
** receptor =B73+1 property boundary receptor: =C73+1
DISCCART 408840.459679865 3759039.22843621 0.00 1.50
** receptor =B74+1 property boundary receptor: =C74+1
DISCCART 408815.466525803 3759039.74833039 0.00 1.50
** receptor =B75+1 property boundary receptor: =C75+1
DISCCART 408790.473371742 3759040.2582266 0.00 1.50
** receptor =B76+1 property boundary receptor: =C76+1
DISCCART 408765.480217681 3759040.77812078 0.00 1.50
** receptor =B77+1 property boundary receptor: =C77+1
DISCCART 408740.487063619 3759041.28801699 0.00 1.50
** receptor =B78+1 property boundary receptor: =C78+1
DISCCART 408715.485663714 3759041.80791117 0.00 1.50
** receptor =B79+1 property boundary receptor: =C79+1
DISCCART 408690.492509652 3759042.32780535 0.00 1.50
** receptor =B80+1 property boundary receptor: =C80+1
DISCCART 408665.499355591 3759042.83770156 0.00 1.50
** receptor =B81+1 property boundary receptor: =C81+1
DISCCART 408640.50620153 3759043.35759573 0.00 1.50
** receptor =B82+1 property boundary receptor: =C82+1
DISCCART 408615.513047468 3759043.87748991 0.00 1.50
** receptor =B83+1 property boundary receptor: =C83+1
DISCCART 408590.519893407 3759044.38738612 0.00 1.50
** receptor =B84+1 property boundary receptor: =C84+1
DISCCART 408581.894740273 3759028.87054453 0.00 1.50
** receptor =B85+1 property boundary receptor: =C85+1
DISCCART 408581.58139819 3759003.87563217 0.00 1.50
** receptor =B86+1 property boundary receptor: =C86+1
DISCCART 408581.268056107 3758978.88071982 0.00 1.50
** receptor =B87+1 property boundary receptor: =C87+1
DISCCART 408580.954714024 3758953.87580949 0.00 1.50
** receptor =B88+1 property boundary receptor: =C88+1
DISCCART 408580.64137194 3758928.88089714 0.00 1.50
** receptor =B89+1 property boundary receptor: =C89+1
DISCCART 408580.328029857 3758903.88598478 0.00 1.50
** receptor =B90+1 property boundary receptor: =C90+1
DISCCART 408580.014687774 3758878.88107445 0.00 1.50
** receptor =B91+1 property boundary receptor: =C91+1
DISCCART 408579.701345691 3758853.8861621 0.00 1.50
** receptor =B92+1 property boundary receptor: =C92+1
DISCCART 408579.388003607 3758828.89124974 0.00 1.50
** receptor =B93+1 property boundary receptor: =C93+1
DISCCART 408579.074661524 3758803.88633942 0.00 1.50

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Appendix B

PM Annual Emissions unmitigated

** receptor =B94+1 property boundary receptor: =C94+1
DISCCART 408578.761319441 3758778.89142706 0.00 1.50
** receptor =B95+1 property boundary receptor: =C95+1
DISCCART 408578.447977358 3758753.8965147 0.00 1.50
** receptor =B96+1 property boundary receptor: =C96+1
DISCCART 408578.134635274 3758728.89160438 0.00 1.50
** receptor =B97+1 property boundary receptor: =C97+1
DISCCART 408567.835575749 3758707.58594108 0.00 1.50
** receptor =B98+1 property boundary receptor: =C98+1
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** receptor =B99+1 property boundary receptor: =C99+1
DISCCART 408533.565846854 3758671.18335073 0.00 1.50
** receptor =B100+1 property boundary receptor: =C100+1
DISCCART 408513.767574699 3758658.37595763 0.00 1.50
** receptor =B101+1 property boundary receptor: =C101+1
DISCCART 408488.774420638 3758658.81586809 0.00 1.50
** receptor =B102+1 property boundary receptor: =C102+1
DISCCART 408463.773020732 3758659.26577651 0.00 1.50
** receptor =B103+1 property boundary receptor: =C103+1
DISCCART 408438.779866671 3758659.70568697 0.00 1.50
** receptor =B104+1 property boundary receptor: =C104+1
DISCCART 408413.78671261 3758660.15559539 0.00 1.50
** receptor =B105+1 property boundary receptor: =C105+1
DISCCART 408388.785312704 3758660.59550585 0.00 1.50
** receptor =B106+1 property boundary receptor: =C106+1
DISCCART 408363.792158643 3758661.04541427 0.00 1.50
** receptor =B107+1 property boundary receptor: =C107+1
DISCCART 408338.799004582 3758661.48532473 0.00 1.50
** receptor =B108+1 property boundary receptor: =C108+1
DISCCART 408313.797604676 3758661.93523315 0.00 1.50
** receptor =B109+1 property boundary receptor: =C109+1
DISCCART 408288.804450615 3758662.37514361 0.00 1.50
** receptor =B110+1 property boundary receptor: =C110+1
DISCCART 408263.811296553 3758662.81505407 0.00 1.50
** receptor =B111+1 property boundary receptor: =C111+1
DISCCART 408238.809896648 3758663.26496249 0.00 1.50
** receptor =B112+1 property boundary receptor: =C112+1
DISCCART 408213.816742586 3758663.70487295 0.00 1.50
** receptor =B113+1 property boundary receptor: =C113+1
DISCCART 408188.823588525 3758664.15478137 0.00 1.50
** receptor =B114+1 property boundary receptor: =C114+1
DISCCART 408163.822188619 3758664.59469183 0.00 1.50
** receptor =B115+1 property boundary receptor: =C115+1
DISCCART 408138.829034558 3758665.04460025 0.00 1.50
** receptor =B116+1 property boundary receptor: =C116+1
DISCCART 408113.835880497 3758665.48451071 0.00 1.50
** receptor =B117+1 property boundary receptor: =C117+1
DISCCART 408088.834480591 3758665.93441913 0.00 1.50
** receptor =B118+1 property boundary receptor: =C118+1
DISCCART 408063.84132653 3758666.37432959 0.00 1.50
** receptor =B119+1 property boundary receptor: =C119+1
DISCCART 408038.839926624 3758666.82423801 0.00 1.50
** receptor =B120+1 property boundary receptor: =C120+1
DISCCART 408013.846772563 3758667.26414847 0.00 1.50
** receptor =B121+1 property boundary receptor: =C121+1
DISCCART 407988.853618501 3758667.71405689 0.00 1.50
** receptor =B122+1 property boundary receptor: =C122+1
DISCCART 407963.852218596 3758668.15396735 0.00 1.50
** receptor =B123+1 property boundary receptor: =C123+1
DISCCART 407938.859064535 3758668.59387781 0.00 1.50
** receptor =B124+1 property boundary receptor: =C124+1
DISCCART 407913.865910473 3758669.04378623 0.00 1.50
** receptor =B125+1 property boundary receptor: =C125+1
DISCCART 407888.864510568 3758669.48369669 0.00 1.50
** receptor =B126+1 property boundary receptor: =C126+1
DISCCART 407863.871356506 3758669.93360511 0.00 1.50
** receptor =B127+1 property boundary receptor: =C127+1
DISCCART 407838.878202445 3758670.37351557 0.00 1.50
** receptor =B128+1 property boundary receptor: =C128+1
DISCCART 407813.876802539 3758670.82342399 0.00 1.50
** receptor =B129+1 property boundary receptor: =C129+1
DISCCART 407788.883648478 3758671.26333445 0.00 1.50
** receptor =B130+1 property boundary receptor: =C130+1
DISCCART 407763.890494417 3758671.71324287 0.00 1.50
** receptor =B131+1 property boundary receptor: =C131+1
DISCCART 407738.889094511 3758672.15315333 0.00 1.50

Appendix B

PM Annual Emissions unmitigated

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** receptor =B132+1 property boundary receptor: =C132+1
DISCCART 407713.89594045 3758672.60306175 0.00 1.50
** receptor =B133+1 property boundary receptor: =C133+1
DISCCART 407688.902786388 3758673.04297221 0.00 1.50
** receptor =B134+1 property boundary receptor: =C134+1
DISCCART 407663.901386483 3758673.49288063 0.00 1.50
** receptor =B135+1 property boundary receptor: =C135+1
DISCCART 407638.908232421 3758673.93279109 0.00 1.50
** receptor =B136+1 property boundary receptor: =C136+1
DISCCART 407613.91507836 3758674.37270154 0.00 1.50
** receptor =B137+1 property boundary receptor: =C137+1
DISCCART 407588.913678454 3758674.82260997 0.00 1.50
** receptor =B138+1 property boundary receptor: =C138+1
DISCCART 407563.920524393 3758675.26252042 0.00 1.50
** receptor =B139+1 property boundary receptor: =C139+1
DISCCART 407538.919124488 3758675.71242885 0.00 1.50
** receptor =B140+1 property boundary receptor: =C140+1
DISCCART 407513.925970426 3758676.1523393 487.00 1.50
** receptor =B141+1 property boundary receptor: =C141+1
DISCCART 407488.916324676 3758676.67223348 504.80 1.50
** receptor =B142+1 property boundary receptor: =C142+1
DISCCART 407463.956153992 3758678.00196282 508.50 1.50
** receptor =B143+1 property boundary receptor: =C143+1
DISCCART 407438.987737464 3758679.33169215 508.00 1.50
** receptor =B144+1 property boundary receptor: =C144+1
DISCCART 407414.02756678 3758680.66142149 499.00 1.50
** receptor =B145+1 property boundary receptor: =C145+1
DISCCART 407389.059150251 3758681.99115083 491.80 1.50
** receptor =B146+1 property boundary receptor: =C146+1
DISCCART 407364.090733723 3758683.32088017 483.60 1.50
** receptor =B147+1 property boundary receptor: =C147+1
DISCCART 407339.130563039 3758684.6506095 473.10 1.50
** receptor =B148+1 property boundary receptor: =C148+1
DISCCART 407314.16214651 3758685.98033884 464.30 1.50
** receptor =B149+1 property boundary receptor: =C149+1
DISCCART 407289.201975826 3758687.31006818 459.00 1.50
** receptor =B150+1 property boundary receptor: =C150+1
DISCCART 407264.233559298 3758688.63979752 450.60 1.50
** receptor =B151+1 property boundary receptor: =C151+1
DISCCART 407239.273388613 3758689.96952686 445.20 1.50
** receptor =B152+1 property boundary receptor: =C152+1
DISCCART 407214.304972085 3758691.29925619 439.20 1.50
** receptor =B153+1 property boundary receptor: =C153+1
DISCCART 407189.344801401 3758692.62898553 421.30 1.50
** receptor =B154+1 property boundary receptor: =C154+1
DISCCART 407164.376384872 3758693.95871487 400.40 1.50
** receptor =B155+1 property boundary receptor: =C155+1
DISCCART 407139.416214188 3758695.27844624 382.00 1.50
** receptor =B156+1 property boundary receptor: =C156+1
DISCCART 407114.44779766 3758696.60817558 377.20 1.50
** receptor =B157+1 property boundary receptor: =C157+1
DISCCART 407089.487626976 3758697.93790491 384.00 1.50
** receptor =B158+1 property boundary receptor: =C158+1
DISCCART 407065.681874493 3758703.39679377 394.00 1.50
** receptor =B159+1 property boundary receptor: =C159+1
DISCCART 407045.124984663 3758717.63389585 400.10 1.50
** receptor =B160+1 property boundary receptor: =C160+1
DISCCART 407024.576340677 3758731.87099793 403.40 1.50
** receptor =B161+1 property boundary receptor: =C161+1
DISCCART 407004.019450847 3758746.09810204 406.20 1.50
** receptor =B162+1 property boundary receptor: =C162+1
DISCCART 406983.470806861 3758760.33520412 410.90 1.50
** receptor =B163+1 property boundary receptor: =C163+1
DISCCART 406962.922162876 3758774.5723062 415.50 1.50
** receptor =B164+1 property boundary receptor: =C164+1
DISCCART 406942.365273046 3758788.80940828 416.90 1.50
** receptor =B165+1 property boundary receptor: =C165+1
DISCCART 406921.81662906 3758803.0365124 418.60 1.50
** receptor =B166+1 property boundary receptor: =C166+1
DISCCART 406901.25973923 3758817.27361448 417.10 1.50
** receptor =B167+1 property boundary receptor: =C167+1
DISCCART 406883.918728675 3758804.44622545 408.20 1.50
** receptor =B168+1 property boundary receptor: =C168+1
DISCCART 406866.511751366 3758786.49987838 407.40 1.50
** receptor =B169+1 property boundary receptor: =C169+1
DISCCART 406849.055298991 3758768.49354352 409.10 1.50

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Appendix B

PM Annual Emissions unmitigated

** receptor =B170+1 property boundary receptor: =C170+1
DISCCART 406828.828242933 3758753.80653302 404.10 1.50
** receptor =B171+1 property boundary receptor: =C171+1
DISCCART 406808.601186875 3758739.11952251 401.40 1.50
** receptor =B172+1 property boundary receptor: =C172+1
DISCCART 406788.374130817 3758724.42251405 393.80 1.50
** receptor =B173+1 property boundary receptor: =C173+1
DISCCART 406768.138828914 3758709.73550355 388.10 1.50
** receptor =B174+1 property boundary receptor: =C174+1
DISCCART 406747.911772856 3758695.04849305 383.30 1.50
** receptor =B175+1 property boundary receptor: =C175+1
DISCCART 406730.010044889 3758678.56184885 380.60 1.50
** receptor =B176+1 property boundary receptor: =C176+1
DISCCART 406717.971112217 3758656.65630766 379.90 1.50
** receptor =B177+1 property boundary receptor: =C177+1
DISCCART 406705.932179545 3758634.74076851 377.20 1.50
** receptor =B178+1 property boundary receptor: =C178+1
DISCCART 406693.885001028 3758612.83522732 370.10 1.50
** receptor =B179+1 property boundary receptor: =C179+1
DISCCART 406681.846068356 3758590.92968613 364.80 1.50
** receptor =B180+1 property boundary receptor: =C180+1
DISCCART 406667.506545125 3758575.57281197 360.80 1.50
** receptor =B181+1 property boundary receptor: =C181+1
DISCCART 406646.562100613 3758589.22003412 360.80 1.50
** receptor =B182+1 property boundary receptor: =C182+1
DISCCART 406625.617656101 3758602.87725423 364.10 1.50
** receptor =B183+1 property boundary receptor: =C183+1
DISCCART 406625.493968437 3758621.57344868 365.50 1.50
** receptor =B184+1 property boundary receptor: =C184+1
DISCCART 406639.083119837 3758642.55917709 365.90 1.50
** receptor =B185+1 property boundary receptor: =C185+1
DISCCART 406652.672271237 3758663.54490551 370.00 1.50
** receptor =B186+1 property boundary receptor: =C186+1
DISCCART 406666.261422637 3758684.53063393 373.30 1.50
** receptor =B187+1 property boundary receptor: =C187+1
DISCCART 406679.850574036 3758705.51636234 379.60 1.50
** receptor =B188+1 property boundary receptor: =C188+1
DISCCART 406693.439725436 3758726.50209076 382.10 1.50
** receptor =B189+1 property boundary receptor: =C189+1
DISCCART 406707.028876836 3758747.47782121 383.70 1.50
** receptor =B190+1 property boundary receptor: =C190+1
DISCCART 406720.799436811 3758767.88366766 383.80 1.50
** receptor =B191+1 property boundary receptor: =C191+1
DISCCART 406700.250792825 3758782.11077177 390.20 1.50
** receptor =B192+1 property boundary receptor: =C192+1
DISCCART 406681.672905626 3758797.34767034 393.50 1.50
** receptor =B193+1 property boundary receptor: =C193+1
DISCCART 406695.591890798 3758818.11344353 393.70 1.50
** receptor =B194+1 property boundary receptor: =C194+1
DISCCART 406709.510875969 3758838.87921672 397.30 1.50
** receptor =B195+1 property boundary receptor: =C195+1
DISCCART 406723.429861141 3758859.6449899 399.20 1.50
** receptor =B196+1 property boundary receptor: =C196+1
DISCCART 406737.340600469 3758880.41076309 401.00 1.50
** receptor =B197+1 property boundary receptor: =C197+1
DISCCART 406756.833776384 3758895.6076698 402.70 1.50
** receptor =B198+1 property boundary receptor: =C198+1
DISCCART 406778.272971554 3758908.46505272 407.20 1.50
** receptor =B199+1 property boundary receptor: =C199+1
DISCCART 406799.712166724 3758921.32243564 414.50 1.50
** receptor =B200+1 property boundary receptor: =C200+1
DISCCART 406821.151361894 3758934.17981856 416.40 1.50
** receptor =B201+1 property boundary receptor: =C201+1
DISCCART 406830.97216245 3758956.33530887 419.00 1.50
** receptor =B202+1 property boundary receptor: =C202+1
DISCCART 406839.745740781 3758979.75054277 420.50 1.50
** receptor =B203+1 property boundary receptor: =C203+1
DISCCART 406848.519319112 3759003.1557787 430.30 1.50
** receptor =B204+1 property boundary receptor: =C204+1
DISCCART 406844.091300725 3759021.77198942 440.10 1.50
** receptor =B205+1 property boundary receptor: =C205+1
DISCCART 406823.361248165 3759035.73914645 457.90 1.50
** receptor =B206+1 property boundary receptor: =C206+1
DISCCART 406802.62294976 3759049.70630347 460.60 1.50
** receptor =B207+1 property boundary receptor: =C207+1
DISCCART 406781.884651356 3759063.6734605 461.40 1.50

Appendix B

PM Annual Emissions unmitigated

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** receptor =B208+1 property boundary receptor: =C208+1
DISCCART 406761.154598795 3759077.63061956 462.50 1.50
** receptor =B209+1 property boundary receptor: =C209+1
DISCCART 406740.416300391 3759091.59777659 445.50 1.50
** receptor =B210+1 property boundary receptor: =C210+1
DISCCART 406747.507726486 3759112.46352942 447.40 1.50
** receptor =B211+1 property boundary receptor: =C211+1
DISCCART 406760.231064234 3759133.97914998 450.90 1.50
** receptor =B212+1 property boundary receptor: =C212+1
DISCCART 406747.763347659 3759149.98589185 441.40 1.50
** receptor =B213+1 property boundary receptor: =C213+1
DISCCART 406732.228177005 3759166.43254418 436.20 1.50
** receptor =B214+1 property boundary receptor: =C214+1
DISCCART 406714.664528654 3759177.07037888 439.50 1.50
** receptor =B215+1 property boundary receptor: =C215+1
DISCCART 406693.579904789 3759190.50764377 445.20 1.50
** receptor =B216+1 property boundary receptor: =C216+1
DISCCART 406672.503526769 3759203.94490865 448.10 1.50
** receptor =B217+1 property boundary receptor: =C217+1
DISCCART 406651.418902904 3759217.37217557 452.50 1.50
** receptor =B218+1 property boundary receptor: =C218+1
DISCCART 406630.334279039 3759230.80944045 453.90 1.50
** receptor =B219+1 property boundary receptor: =C219+1
DISCCART 406609.249655174 3759244.24670534 454.70 1.50
** receptor =B220+1 property boundary receptor: =C220+1
DISCCART 406588.165031309 3759257.67397226 455.40 1.50
** receptor =B221+1 property boundary receptor: =C221+1
DISCCART 406567.080407444 3759271.11123714 453.50 1.50
** receptor =B222+1 property boundary receptor: =C222+1
DISCCART 406545.995783579 3759284.54850202 454.90 1.50
** receptor =B223+1 property boundary receptor: =C223+1
DISCCART 406524.911159714 3759297.97576894 456.00 1.50
** receptor =B224+1 property boundary receptor: =C224+1
DISCCART 406503.826535849 3759311.41303383 454.70 1.50
** receptor =B225+1 property boundary receptor: =C225+1
DISCCART 406482.750157828 3759324.85029871 455.30 1.50
** receptor =B226+1 property boundary receptor: =C226+1
DISCCART 406461.665533963 3759338.28756359 456.70 1.50
** receptor =B227+1 property boundary receptor: =C227+1
DISCCART 406440.580910098 3759351.71483051 457.40 1.50
** receptor =B228+1 property boundary receptor: =C228+1
DISCCART 406419.496286233 3759365.15209539 459.20 1.50
** receptor =B229+1 property boundary receptor: =C229+1
DISCCART 406398.411662368 3759378.58936028 466.20 1.50
** receptor =B230+1 property boundary receptor: =C230+1
DISCCART 406377.021942264 3759392.30656818 476.50 1.50
** receptor =B231+1 property boundary receptor: =C231+1
DISCCART 406375.644886267 3759417.26148868 478.20 1.50
** receptor =B232+1 property boundary receptor: =C232+1
DISCCART 406374.267830269 3759442.22640714 485.00 1.50
** receptor =B233+1 property boundary receptor: =C233+1
DISCCART 406372.890774272 3759467.1913256 487.80 1.50
** receptor =B234+1 property boundary receptor: =C234+1
DISCCART 406351.525791701 3759469.48085958 504.40 1.50
** receptor =B235+1 property boundary receptor: =C235+1
DISCCART 406326.540883484 3759468.72101424 513.00 1.50
** receptor =B236+1 property boundary receptor: =C236+1
DISCCART 406301.547729422 3759467.96116891 518.20 1.50
** receptor =B237+1 property boundary receptor: =C237+1
DISCCART 406276.562821205 3759467.20132357 513.80 1.50
** receptor =B238+1 property boundary receptor: =C238+1
DISCCART 406251.569667144 3759466.4514762 508.90 1.50
** receptor =B239+1 property boundary receptor: =C239+1
DISCCART 406226.584758927 3759465.69163086 506.90 1.50
** receptor =B240+1 property boundary receptor: =C240+1
DISCCART 406201.591604866 3759464.93178553 499.20 1.50
** receptor =B241+1 property boundary receptor: =C241+1
DISCCART 406176.606696648 3759464.17194019 472.60 1.50
** receptor =B242+1 property boundary receptor: =C242+1
DISCCART 406171.354093832 3759484.43781513 453.00 1.50
** receptor =B243+1 property boundary receptor: =C243+1
DISCCART 406171.634452538 3759509.43272749 441.20 1.50
** receptor =B244+1 property boundary receptor: =C244+1
DISCCART 406171.9065654 3759534.43763781 445.70 1.50
** receptor =B245+1 property boundary receptor: =C245+1
DISCCART 406172.186924106 3759559.43255017 456.90 1.50

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Appendix B

PM Annual Emissions unmitigated

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** receptor =B246+1 property boundary receptor: =C246+1
DISCCART 406172.459036968 3759584.42746253 473.00 1.50
** receptor =B247+1 property boundary receptor: =C247+1
DISCCART 406172.739395674 3759609.43237285 488.60 1.50
** receptor =B248+1 property boundary receptor: =C248+1
DISCCART 406173.01975438 3759634.42728521 502.60 1.50
** receptor =B249+1 property boundary receptor: =C249+1
DISCCART 406173.291867242 3759659.43219553 508.70 1.50
** receptor =B250+1 property boundary receptor: =C250+1
DISCCART 406173.572225948 3759684.42710789 530.50 1.50
** receptor =B251+1 property boundary receptor: =C251+1
DISCCART 406173.844338809 3759709.42202025 531.00 1.50
** receptor =B252+1 property boundary receptor: =C252+1
DISCCART 406174.124697515 3759734.42693057 523.50 1.50
** receptor =B253+1 property boundary receptor: =C253+1
DISCCART 406174.396810377 3759759.42184293 541.40 1.50
** receptor =B254+1 property boundary receptor: =C254+1
DISCCART 406174.677169083 3759784.41675529 537.90 1.50
** receptor =B255+1 property boundary receptor: =C255+1
DISCCART 406174.957527789 3759809.42166561 527.00 1.50
** receptor =B256+1 property boundary receptor: =C256+1
DISCCART 406175.229640651 3759834.41657797 529.00 1.50
** receptor =B257+1 property boundary receptor: =C257+1
DISCCART 406175.509999357 3759859.41149032 518.70 1.50
** receptor =B258+1 property boundary receptor: =C258+1
DISCCART 406152.330931041 3759859.62144759 499.60 1.50
** receptor =B259+1 property boundary receptor: =C259+1
DISCCART 406127.346022824 3759858.88159818 492.00 1.50
** receptor =B260+1 property boundary receptor: =C260+1
DISCCART 406102.352868763 3759858.14174878 497.80 1.50
** receptor =B261+1 property boundary receptor: =C261+1
DISCCART 406077.367960546 3759857.39190141 548.20 1.50
** receptor =B262+1 property boundary receptor: =C262+1
DISCCART 406052.374806484 3759856.652052 603.20 1.50
** receptor =B263+1 property boundary receptor: =C263+1
DISCCART 406041.308883439 3759870.99913169 598.20 1.50
** receptor =B264+1 property boundary receptor: =C264+1
DISCCART 406041.572750456 3759895.99404405 595.60 1.50
** receptor =B265+1 property boundary receptor: =C265+1
DISCCART 406041.844863318 3759920.98895641 593.00 1.50
** receptor =B266+1 property boundary receptor: =C266+1
DISCCART 406042.108730336 3759945.99386673 652.50 1.50
** receptor =B267+1 property boundary receptor: =C267+1
DISCCART 406042.380843197 3759970.98877909 690.00 1.50
** receptor =B268+1 property boundary receptor: =C268+1
DISCCART 406067.349259726 3759972.61844738 677.10 1.50
** receptor =B269+1 property boundary receptor: =C269+1
DISCCART 406092.334167943 3759973.38829068 646.60 1.50
** receptor =B270+1 property boundary receptor: =C270+1
DISCCART 406117.327322004 3759974.15813398 595.70 1.50
** receptor =B271+1 property boundary receptor: =C271+1
DISCCART 406142.312230221 3759974.91797931 550.00 1.50
** receptor =B272+1 property boundary receptor: =C272+1
DISCCART 406167.305384283 3759975.68782261 501.80 1.50
** receptor =B273+1 property boundary receptor: =C273+1
DISCCART 406187.153131503 3759980.63681526 507.00 1.50
** receptor =B274+1 property boundary receptor: =C274+1
DISCCART 406187.425244365 3760005.64172558 508.40 1.50
** receptor =B275+1 property boundary receptor: =C275+1
DISCCART 406187.697357227 3760030.63663794 512.70 1.50
** receptor =B276+1 property boundary receptor: =C276+1
DISCCART 406187.969470088 3760055.64154826 522.30 1.50
** receptor =B277+1 property boundary receptor: =C277+1
DISCCART 406188.24158295 3760080.63646062 553.60 1.50
** receptor =B278+1 property boundary receptor: =C278+1
DISCCART 406188.505449968 3760105.63137298 605.90 1.50
** receptor =B279+1 property boundary receptor: =C279+1
DISCCART 406188.777562829 3760130.6362833 606.30 1.50
** receptor =B280+1 property boundary receptor: =C280+1
DISCCART 406189.049675691 3760155.63119566 582.80 1.50
** receptor =B281+1 property boundary receptor: =C281+1
DISCCART 406189.321788553 3760180.62610802 621.80 1.50
** receptor =B282+1 property boundary receptor: =C282+1
DISCCART 406189.593901415 3760205.63101834 668.30 1.50
** receptor =B283+1 property boundary receptor: =C283+1
DISCCART 406189.866014277 3760230.6259307 703.70 1.50

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Appendix B

PM Annual Emissions unmitigated

** receptor =B284+1 property boundary receptor: =C284+1
DISCCART 406190.129881294 3760255.62084306 712.50 1.50
** receptor =B285+1 property boundary receptor: =C285+1
DISCCART 406198.210808704 3760273.80714129 709.80 1.50
** receptor =B286+1 property boundary receptor: =C286+1
DISCCART 406223.203962765 3760274.55698866 728.30 1.50
** receptor =B287+1 property boundary receptor: =C287+1
DISCCART 406248.188870983 3760275.29683806 727.10 1.50
** receptor =B288+1 property boundary receptor: =C288+1
DISCCART 406270.568092402 3760282.11545016 720.90 1.50
** receptor =B289+1 property boundary receptor: =C289+1
DISCCART 406289.73968039 3760298.15218592 719.10 1.50
** receptor =B290+1 property boundary receptor: =C290+1
DISCCART 406308.911268379 3760314.19891966 751.70 1.50
** receptor =B291+1 property boundary receptor: =C291+1
DISCCART 406328.082856367 3760330.24565339 769.70 1.50
** receptor =B292+1 property boundary receptor: =C292+1
DISCCART 406347.2626902 3760346.28238916 786.20 1.50
** receptor =B293+1 property boundary receptor: =C293+1
DISCCART 406366.434278188 3760362.32912289 784.80 1.50
** receptor =B294+1 property boundary receptor: =C294+1
DISCCART 406385.605866176 3760378.37585663 759.90 1.50
** receptor =B295+1 property boundary receptor: =C295+1
DISCCART 406404.777454164 3760394.42259036 763.00 1.50
** receptor =B296+1 property boundary receptor: =C296+1
DISCCART 406423.949042153 3760410.45932613 759.20 1.50
** receptor =B297+1 property boundary receptor: =C297+1
DISCCART 406438.560678245 3760430.58522956 791.50 1.50
** receptor =B298+1 property boundary receptor: =C298+1
DISCCART 406453.114593428 3760450.91109229 824.10 1.50
** receptor =B299+1 property boundary receptor: =C299+1
DISCCART 406464.510350245 3760468.4475228 845.30 1.50
** receptor =B300+1 property boundary receptor: =C300+1
DISCCART 406439.665621381 3760465.62809669 847.40 1.50
** receptor =B301+1 property boundary receptor: =C301+1
DISCCART 406414.829138361 3760462.81866854 851.20 1.50
** receptor =B302+1 property boundary receptor: =C302+1
DISCCART 406390.322489114 3760458.31958431 852.80 1.50
** receptor =B303+1 property boundary receptor: =C303+1
DISCCART 406365.972510907 3760452.67073412 847.20 1.50
** receptor =B304+1 property boundary receptor: =C304+1
DISCCART 406354.469558114 3760461.64890664 846.20 1.50
** receptor =B305+1 property boundary receptor: =C305+1
DISCCART 406362.261880974 3760484.3042952 797.40 1.50
** receptor =B306+1 property boundary receptor: =C306+1
DISCCART 406383.824763808 3760496.95172085 792.40 1.50
** receptor =B307+1 property boundary receptor: =C307+1
DISCCART 406405.214483912 3760509.6291404 793.10 1.50
** receptor =B308+1 property boundary receptor: =C308+1
DISCCART 406422.63795291 3760527.56548951 780.80 1.50
** receptor =B309+1 property boundary receptor: =C309+1
DISCCART 406440.053176063 3760545.50183862 786.30 1.50
** receptor =B310+1 property boundary receptor: =C310+1
DISCCART 406459.637056266 3760554.25005794 832.90 1.50
** receptor =B311+1 property boundary receptor: =C311+1
DISCCART 406482.214177949 3760543.50224563 862.30 1.50
** receptor =B312+1 property boundary receptor: =C312+1
DISCCART 406504.783053787 3760532.75443332 891.50 1.50
** receptor =B313+1 property boundary receptor: =C313+1
DISCCART 406527.351929625 3760522.006621 907.40 1.50
** receptor =B314+1 property boundary receptor: =C314+1
DISCCART 406549.920805464 3760511.24881072 919.80 1.50
** receptor =B315+1 property boundary receptor: =C315+1
DISCCART 406572.497927146 3760500.50099841 936.10 1.50
** receptor =B316+1 property boundary receptor: =C316+1
DISCCART 406596.617021712 3760494.71217671 948.10 1.50
** receptor =B317+1 property boundary receptor: =C317+1
DISCCART 406621.107179271 3760489.7231922 949.10 1.50
** receptor =B318+1 property boundary receptor: =C318+1
DISCCART 406645.011881886 3760486.75379661 977.60 1.50
** receptor =B319+1 property boundary receptor: =C319+1
DISCCART 406667.09425291 3760498.49140746 983.80 1.50
** receptor =B320+1 property boundary receptor: =C320+1
DISCCART 406684.064200472 3760513.01845052 969.70 1.50
** receptor =B321+1 property boundary receptor: =C321+1
DISCCART 406685.72986102 3760537.96337305 951.70 1.50

Appendix B

PM Annual Emissions unmitigated

** receptor =B322+1 property boundary receptor: =C322+1
DISCCART 406687.395521567 3760562.90829558 941.20 1.50
** receptor =B323+1 property boundary receptor: =C323+1
DISCCART 406689.061182115 3760587.85321812 928.10 1.50
** receptor =B324+1 property boundary receptor: =C324+1
DISCCART 406690.726842663 3760612.79814065 906.30 1.50
** receptor =B325+1 property boundary receptor: =C325+1
DISCCART 406692.392503211 3760637.74306318 901.10 1.50
** receptor =B326+1 property boundary receptor: =C326+1
DISCCART 406694.058163759 3760662.68798572 914.40 1.50
** receptor =B327+1 property boundary receptor: =C327+1
DISCCART 406695.723824306 3760687.63290825 926.90 1.50
** receptor =B328+1 property boundary receptor: =C328+1
DISCCART 406694.016934537 3760710.82818692 929.80 1.50
** receptor =B329+1 property boundary receptor: =C329+1
DISCCART 406675.661685134 3760727.79473343 928.30 1.50
** receptor =B330+1 property boundary receptor: =C330+1
DISCCART 406657.306435731 3760744.7712779 929.00 1.50
** receptor =B331+1 property boundary receptor: =C331+1
DISCCART 406638.942940484 3760761.74782237 917.90 1.50
** receptor =B332+1 property boundary receptor: =C332+1
DISCCART 406620.587691081 3760778.71436888 909.20 1.50
** receptor =B333+1 property boundary receptor: =C333+1
DISCCART 406600.105013849 3760790.50196955 910.30 1.50
** receptor =B334+1 property boundary receptor: =C334+1
DISCCART 406575.309760051 3760793.6813224 913.60 1.50
** receptor =B335+1 property boundary receptor: =C335+1
DISCCART 406550.514506253 3760796.86067525 911.30 1.50
** receptor =B336+1 property boundary receptor: =C336+1
DISCCART 406525.719252455 3760800.04002811 910.10 1.50
** receptor =B337+1 property boundary receptor: =C337+1
DISCCART 406500.915752812 3760803.20938299 907.50 1.50
** receptor =B338+1 property boundary receptor: =C338+1
DISCCART 406478.025289046 3760812.0775779 899.10 1.50
** receptor =B339+1 property boundary receptor: =C339+1
DISCCART 406457.196286355 3760825.90476341 893.60 1.50
** receptor =B340+1 property boundary receptor: =C340+1
DISCCART 406436.367283663 3760839.72195097 890.60 1.50
** receptor =B341+1 property boundary receptor: =C341+1
DISCCART 406415.538280971 3760853.54913648 882.30 1.50
** receptor =B342+1 property boundary receptor: =C342+1
DISCCART 406392.268508367 3760856.24858702 870.50 1.50
** receptor =B343+1 property boundary receptor: =C343+1
DISCCART 406367.399041971 3760853.71910189 870.50 1.50
** receptor =B344+1 property boundary receptor: =C344+1
DISCCART 406342.521329729 3760851.17961879 866.50 1.50
** receptor =B345+1 property boundary receptor: =C345+1
DISCCART 406317.651863332 3760848.65013366 865.10 1.50
** receptor =B346+1 property boundary receptor: =C346+1
DISCCART 406292.782396936 3760846.11065056 864.20 1.50
** receptor =B347+1 property boundary receptor: =C347+1
DISCCART 406267.912930539 3760843.58116543 872.50 1.50
** receptor =B348+1 property boundary receptor: =C348+1
DISCCART 406244.090686367 3760836.56259404 883.10 1.50
** receptor =B349+1 property boundary receptor: =C349+1
DISCCART 406220.33440895 3760828.76418139 884.50 1.50
** receptor =B350+1 property boundary receptor: =C350+1
DISCCART 406196.586377378 3760820.96576873 881.50 1.50
** receptor =B351+1 property boundary receptor: =C351+1
DISCCART 406172.830099961 3760813.15735811 870.50 1.50
** receptor =B352+1 property boundary receptor: =C352+1
DISCCART 406149.082068388 3760805.35894546 867.20 1.50
** receptor =B353+1 property boundary receptor: =C353+1
DISCCART 406125.334036816 3760797.5605328 863.20 1.50
** receptor =B354+1 property boundary receptor: =C354+1
DISCCART 406105.593485571 3760782.55358742 862.70 1.50
** receptor =B355+1 property boundary receptor: =C355+1
DISCCART 406085.877671859 3760767.17671734 840.90 1.50
** receptor =B356+1 property boundary receptor: =C356+1
DISCCART 406083.428656103 3760744.02143053 840.90 1.50
** receptor =B357+1 property boundary receptor: =C357+1
DISCCART 406083.931652605 3760719.02651817 838.00 1.50
** receptor =B358+1 property boundary receptor: =C358+1
DISCCART 406084.442894952 3760694.03160581 824.10 1.50
** receptor =B359+1 property boundary receptor: =C359+1
DISCCART 406073.797509965 3760679.39458514 814.50 1.50

Appendix B

PM Annual Emissions unmitigated

** receptor =B360+1 property boundary receptor: =C360+1
DISCCART 406048.812601748 3760680.15443047 809.20 1.50
** receptor =B361+1 property boundary receptor: =C361+1
DISCCART 406023.827693531 3760680.90427784 763.80 1.50
** receptor =B362+1 property boundary receptor: =C362+1
DISCCART 405998.83453947 3760681.65412521 703.40 1.50
** receptor =B363+1 property boundary receptor: =C363+1
DISCCART 405973.849631253 3760682.40397258 653.30 1.50
** receptor =B364+1 property boundary receptor: =C364+1
DISCCART 405948.856477192 3760683.16381792 647.20 1.50
** receptor =B365+1 property boundary receptor: =C365+1
DISCCART 405923.871568975 3760683.91366529 645.10 1.50
** receptor =B366+1 property boundary receptor: =C366+1
DISCCART 405898.878414913 3760684.66351266 605.30 1.50
** receptor =B367+1 property boundary receptor: =C367+1
DISCCART 405873.893506696 3760685.41336003 562.00 1.50
** receptor =B368+1 property boundary receptor: =C368+1
DISCCART 405848.900352635 3760686.1632074 537.10 1.50
** receptor =B369+1 property boundary receptor: =C369+1
DISCCART 405823.915444418 3760686.92305274 526.20 1.50
** receptor =B370+1 property boundary receptor: =C370+1
DISCCART 405798.922290357 3760687.67290011 521.50 1.50
** receptor =B371+1 property boundary receptor: =C371+1
DISCCART 405774.473362019 3760683.82368361 524.60 1.50
** receptor =B372+1 property boundary receptor: =C372+1
DISCCART 405749.554420556 3760682.28399701 542.50 1.50
** receptor =B373+1 property boundary receptor: =C373+1
DISCCART 405724.55302065 3760682.50395223 549.20 1.50
** receptor =B374+1 property boundary receptor: =C374+1
DISCCART 405699.559866589 3760682.73390543 534.70 1.50
** receptor =B375+1 property boundary receptor: =C375+1
DISCCART 405674.558466684 3760682.96385862 544.60 1.50
** receptor =B376+1 property boundary receptor: =C376+1
DISCCART 405649.557066778 3760683.19381182 556.20 1.50
** receptor =B377+1 property boundary receptor: =C377+1
DISCCART 405632.100614403 3760691.55211051 570.10 1.50
** receptor =B378+1 property boundary receptor: =C378+1
DISCCART 405632.809757013 3760716.54702287 587.70 1.50
** receptor =B379+1 property boundary receptor: =C379+1
DISCCART 405633.518899622 3760741.53193726 599.40 1.50
** receptor =B380+1 property boundary receptor: =C380+1
DISCCART 405634.219796387 3760766.52684962 603.30 1.50
** receptor =B381+1 property boundary receptor: =C381+1
DISCCART 405634.928938997 3760791.51176401 603.50 1.50
** receptor =B382+1 property boundary receptor: =C382+1
DISCCART 405635.638081606 3760816.50667637 604.70 1.50
** receptor =B383+1 property boundary receptor: =C383+1
DISCCART 405636.338978371 3760841.49159076 614.60 1.50
** receptor =B384+1 property boundary receptor: =C384+1
DISCCART 405637.048120981 3760866.48650312 632.00 1.50
** receptor =B385+1 property boundary receptor: =C385+1
DISCCART 405637.75726359 3760891.47141751 654.90 1.50
** receptor =B386+1 property boundary receptor: =C386+1
DISCCART 405638.458160355 3760916.46632987 658.40 1.50
** receptor =B387+1 property boundary receptor: =C387+1
DISCCART 405639.167302965 3760941.45124426 655.80 1.50
** receptor =B388+1 property boundary receptor: =C388+1
DISCCART 405639.876445574 3760966.44615662 659.10 1.50
** receptor =B389+1 property boundary receptor: =C389+1
DISCCART 405644.081826165 3760990.87118498 670.50 1.50
** receptor =B390+1 property boundary receptor: =C390+1
DISCCART 405653.317171777 3761014.1064555 681.40 1.50
** receptor =B391+1 property boundary receptor: =C391+1
DISCCART 405653.762447369 3761038.93140246 695.60 1.50
** receptor =B392+1 property boundary receptor: =C392+1
DISCCART 405654.150002051 3761063.92631482 706.90 1.50
** receptor =B393+1 property boundary receptor: =C393+1
DISCCART 405654.537556733 3761088.92122717 718.70 1.50
** receptor =B394+1 property boundary receptor: =C394+1
DISCCART 405672.802101848 3761096.21974158 721.60 1.50
** receptor =B395+1 property boundary receptor: =C395+1
DISCCART 405697.79525591 3761095.61986368 723.70 1.50
** receptor =B396+1 property boundary receptor: =C396+1
DISCCART 405722.788409971 3761095.01998579 721.30 1.50
** receptor =B397+1 property boundary receptor: =C397+1
DISCCART 405747.781564032 3761094.42010789 720.30 1.50

Appendix B

PM Annual Emissions unmitigated

** receptor =B398+1 property boundary receptor: =C398+1
DISCCART 405772.766472249 3761093.82023 722.60 1.50
** receptor =B399+1 property boundary receptor: =C399+1
DISCCART 405797.759626311 3761093.2203521 726.10 1.50
** receptor =B400+1 property boundary receptor: =C400+1
DISCCART 405822.752780372 3761092.6204742 711.70 1.50
** receptor =B401+1 property boundary receptor: =C401+1
DISCCART 405847.745934433 3761092.02059631 659.40 1.50
** receptor =B402+1 property boundary receptor: =C402+1
DISCCART 405872.739088495 3761091.42071841 677.30 1.50
** receptor =B403+1 property boundary receptor: =C403+1
DISCCART 405897.732242556 3761090.82084051 700.10 1.50
** receptor =B404+1 property boundary receptor: =C404+1
DISCCART 405922.725396617 3761090.22096262 713.40 1.50
** receptor =B405+1 property boundary receptor: =C405+1
DISCCART 405947.718550679 3761089.62108472 723.90 1.50
** receptor =B406+1 property boundary receptor: =C406+1
DISCCART 405972.71170474 3761089.02120682 715.50 1.50
** receptor =B407+1 property boundary receptor: =C407+1
DISCCART 405997.704858801 3761088.41133096 696.70 1.50
** receptor =B408+1 property boundary receptor: =C408+1
DISCCART 406022.698012863 3761087.81145306 682.90 1.50
** receptor =B409+1 property boundary receptor: =C409+1
DISCCART 406047.691166924 3761087.21157517 744.00 1.50
** receptor =B410+1 property boundary receptor: =C410+1
DISCCART 406072.684320985 3761086.61169727 811.20 1.50
** receptor =B411+1 property boundary receptor: =C411+1
DISCCART 406097.677475047 3761086.01181937 811.30 1.50
** receptor =B412+1 property boundary receptor: =C412+1
DISCCART 406122.670629108 3761085.41194148 766.50 1.50
** receptor =B413+1 property boundary receptor: =C413+1
DISCCART 406147.663783169 3761084.81206358 718.20 1.50
** receptor =B414+1 property boundary receptor: =C414+1
DISCCART 406172.656937231 3761084.21218569 736.20 1.50
** receptor =B415+1 property boundary receptor: =C415+1
DISCCART 406197.650091292 3761083.61230779 747.10 1.50
** receptor =B416+1 property boundary receptor: =C416+1
DISCCART 406222.643245353 3761083.01242989 735.90 1.50
** receptor =B417+1 property boundary receptor: =C417+1
DISCCART 406247.636399415 3761082.412552 692.90 1.50
** receptor =B418+1 property boundary receptor: =C418+1
DISCCART 406272.629553476 3761081.8126741 695.00 1.50
** receptor =B419+1 property boundary receptor: =C419+1
DISCCART 406297.622707537 3761081.2127962 717.30 1.50
** receptor =B420+1 property boundary receptor: =C420+1
DISCCART 406322.607615754 3761080.61291831 750.80 1.50
** receptor =B421+1 property boundary receptor: =C421+1
DISCCART 406347.600769816 3761080.01304041 702.40 1.50
** receptor =B422+1 property boundary receptor: =C422+1
DISCCART 406372.593923877 3761079.41316251 706.20 1.50
** receptor =B423+1 property boundary receptor: =C423+1
DISCCART 406397.587077938 3761078.81328462 717.80 1.50
** receptor =B424+1 property boundary receptor: =C424+1
DISCCART 406422.580232 3761078.20340875 743.10 1.50
** receptor =B425+1 property boundary receptor: =C425+1
DISCCART 406447.573386061 3761077.60353086 744.20 1.50
** receptor =B426+1 property boundary receptor: =C426+1
DISCCART 406472.566540122 3761077.00365296 689.30 1.50
** receptor =B427+1 property boundary receptor: =C427+1
DISCCART 406497.559694184 3761076.40377506 682.70 1.50
** receptor =B428+1 property boundary receptor: =C428+1
DISCCART 406522.552848245 3761075.80389717 733.00 1.50
** receptor =B429+1 property boundary receptor: =C429+1
DISCCART 406547.546002306 3761075.20401927 766.50 1.50
** receptor =B430+1 property boundary receptor: =C430+1
DISCCART 406572.539156368 3761074.60414137 774.40 1.50
** receptor =B431+1 property boundary receptor: =C431+1
DISCCART 406597.532310429 3761074.00426348 764.30 1.50
** receptor =B432+1 property boundary receptor: =C432+1
DISCCART 406622.52546449 3761073.40438558 788.10 1.50
** receptor =B433+1 property boundary receptor: =C433+1
DISCCART 406647.518618552 3761072.80450769 778.40 1.50
** receptor =B434+1 property boundary receptor: =C434+1
DISCCART 406672.511772613 3761072.20462979 755.40 1.50
** receptor =B435+1 property boundary receptor: =C435+1
DISCCART 406697.504926674 3761071.60475189 797.00 1.50

Appendix B

PM Annual Emissions unmitigated

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** receptor =B436+1 property boundary receptor: =C436+1
DISCCART 406722.498080736 3761071.00487399 811.80 1.50
** receptor =B437+1 property boundary receptor: =C437+1
DISCCART 406747.491234797 3761070.4049961 768.50 1.50
** receptor =B438+1 property boundary receptor: =C438+1
DISCCART 406772.484388858 3761069.8051182 740.50 1.50
** receptor =B439+1 property boundary receptor: =C439+1
DISCCART 406797.47754292 3761069.20524031 786.40 1.50
** receptor =B440+1 property boundary receptor: =C440+1
DISCCART 406822.470696981 3761068.60536241 834.10 1.50
** receptor =B441+1 property boundary receptor: =C441+1
DISCCART 406847.463851042 3761068.00548451 852.90 1.50
** receptor =B442+1 property boundary receptor: =C442+1
DISCCART 406872.457005104 3761067.39560865 857.90 1.50
** receptor =B443+1 property boundary receptor: =C443+1
DISCCART 406897.441913321 3761066.79573075 846.20 1.50
** receptor =B444+1 property boundary receptor: =C444+1
DISCCART 406922.435067382 3761066.19585286 825.30 1.50
** receptor =B445+1 property boundary receptor: =C445+1
DISCCART 406947.428221443 3761065.59597496 792.50 1.50
** receptor =B446+1 property boundary receptor: =C446+1
DISCCART 406972.421375505 3761064.99609706 774.10 1.50
** receptor =B447+1 property boundary receptor: =C447+1
DISCCART 406997.414529566 3761064.39621917 781.90 1.50
** receptor =B448+1 property boundary receptor: =C448+1
DISCCART 407021.129577761 3761061.73676049 827.00 1.50
** receptor =B449+1 property boundary receptor: =C449+1
DISCCART 407020.313239176 3761036.7518461 788.80 1.50
** receptor =B450+1 property boundary receptor: =C450+1
DISCCART 407019.496900591 3761011.76693171 840.40 1.50
** receptor =B451+1 property boundary receptor: =C451+1
DISCCART 407018.672316161 3760986.78201732 894.40 1.50
** receptor =B452+1 property boundary receptor: =C452+1
DISCCART 407017.855977576 3760961.78710496 947.50 1.50
** receptor =B453+1 property boundary receptor: =C453+1
DISCCART 407017.039638991 3760936.80219056 989.40 1.50
** receptor =B454+1 property boundary receptor: =C454+1
DISCCART 407016.215054561 3760911.81727617 1033.70 1.50
** receptor =B455+1 property boundary receptor: =C455+1
DISCCART 407015.398715976 3760886.83236178 1047.60 1.50
** receptor =B456+1 property boundary receptor: =C456+1
DISCCART 407014.58237739 3760861.84744738 1031.60 1.50
** receptor =B457+1 property boundary receptor: =C457+1
DISCCART 407013.757792961 3760836.86253299 1013.10 1.50
** receptor =B458+1 property boundary receptor: =C458+1
DISCCART 407012.941454375 3760811.86762063 1004.00 1.50
** receptor =B459+1 property boundary receptor: =C459+1
DISCCART 407012.12511579 3760786.88270624 991.50 1.50
** receptor =B460+1 property boundary receptor: =C460+1
DISCCART 407011.30053136 3760761.89779185 965.40 1.50
** receptor =B461+1 property boundary receptor: =C461+1
DISCCART 407010.484192775 3760736.91287745 929.60 1.50
** receptor =B462+1 property boundary receptor: =C462+1
DISCCART 407009.66785419 3760711.92796306 891.10 1.50
** receptor =B463+1 property boundary receptor: =C463+1
DISCCART 407008.84326976 3760686.94304867 843.80 1.50
** receptor =B464+1 property boundary receptor: =C464+1
DISCCART 407008.026931175 3760661.94813631 807.10 1.50
** receptor =B465+1 property boundary receptor: =C465+1
DISCCART 407031.923387945 3760661.55821568 770.20 1.50
** receptor =B466+1 property boundary receptor: =C466+1
DISCCART 407056.92478785 3760661.34825841 710.10 1.50
** receptor =B467+1 property boundary receptor: =C467+1
DISCCART 407081.926187756 3760661.14829912 721.00 1.50
** receptor =B468+1 property boundary receptor: =C468+1
DISCCART 407106.927587662 3760660.93834185 805.20 1.50
** receptor =B469+1 property boundary receptor: =C469+1
DISCCART 407131.920741723 3760660.73838255 854.60 1.50
** receptor =B470+1 property boundary receptor: =C470+1
DISCCART 407156.922141629 3760660.52842529 878.90 1.50
** receptor =B471+1 property boundary receptor: =C471+1
DISCCART 407181.923541534 3760660.32846599 925.90 1.50
** receptor =B472+1 property boundary receptor: =C472+1
DISCCART 407206.916695596 3760660.11850873 973.50 1.50
** receptor =B473+1 property boundary receptor: =C473+1
DISCCART 407231.918095501 3760659.90855146 1011.30 1.50

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Appendix B

PM Annual Emissions unmitigated

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** receptor =B474+1 property boundary receptor: =C474+1
DISCCART 407256.919495407 3760659.70859216 1023.40 1.50
** receptor =B475+1 property boundary receptor: =C475+1
DISCCART 407281.920895313 3760659.4986349 1000.40 1.50
** receptor =B476+1 property boundary receptor: =C476+1
DISCCART 407306.914049374 3760659.2986756 962.40 1.50
** receptor =B477+1 property boundary receptor: =C477+1
DISCCART 407331.91544928 3760659.08871834 935.50 1.50
** receptor =B478+1 property boundary receptor: =C478+1
DISCCART 407356.916849185 3760658.88875904 958.90 1.50
** receptor =B479+1 property boundary receptor: =C479+1
DISCCART 407381.918249091 3760658.67880177 960.10 1.50
** receptor =B480+1 property boundary receptor: =C480+1
DISCCART 407406.911403152 3760658.47884248 955.30 1.50
** receptor =B481+1 property boundary receptor: =C481+1
DISCCART 407431.912803058 3760658.26888521 975.60 1.50
** receptor =B482+1 property boundary receptor: =C482+1
DISCCART 407456.914202963 3760658.06892591 989.10 1.50
** receptor =B483+1 property boundary receptor: =C483+1
DISCCART 407481.907357025 3760657.85896865 995.00 1.50
** receptor =B484+1 property boundary receptor: =C484+1
DISCCART 407506.90875693 3760657.64901139 964.70 1.50
** receptor =B485+1 property boundary receptor: =C485+1
DISCCART 407531.910156836 3760657.44905209 943.60 1.50
** receptor =B486+1 property boundary receptor: =C486+1
DISCCART 407556.911556741 3760657.23909482 0.00 1.50
** receptor =B487+1 property boundary receptor: =C487+1
DISCCART 407581.904710803 3760657.03913552 0.00 1.50
** receptor =B488+1 property boundary receptor: =C488+1
DISCCART 407606.906110708 3760656.82917826 0.00 1.50
** receptor =B489+1 property boundary receptor: =C489+1
DISCCART 407631.907510614 3760656.62921896 0.00 1.50
** receptor =B490+1 property boundary receptor: =C490+1
DISCCART 407656.90891052 3760656.4192617 0.00 1.50
** receptor =B491+1 property boundary receptor: =C491+1
DISCCART 407681.902064581 3760656.2193024 0.00 1.50
** receptor =B492+1 property boundary receptor: =C492+1
DISCCART 407706.903464487 3760656.00934513 0.00 1.50
** receptor =B493+1 property boundary receptor: =C493+1
DISCCART 407731.904864392 3760655.79938787 0.00 1.50
** receptor =B494+1 property boundary receptor: =C494+1
DISCCART 407756.898018454 3760655.59942857 0.00 1.50
** receptor =B495+1 property boundary receptor: =C495+1
DISCCART 407781.899418359 3760655.38947131 0.00 1.50
** receptor =B496+1 property boundary receptor: =C496+1
DISCCART 407806.900818265 3760655.18951201 0.00 1.50
** receptor =B497+1 property boundary receptor: =C497+1
DISCCART 407831.90221817 3760654.97955475 0.00 1.50
** receptor =B498+1 property boundary receptor: =C498+1
DISCCART 407856.895372232 3760654.77959545 0.00 1.50
** receptor =B499+1 property boundary receptor: =C499+1
DISCCART 407881.896772137 3760654.56963818 0.00 1.50
** receptor =B500+1 property boundary receptor: =C500+1
DISCCART 407906.898172043 3760654.36967888 0.00 1.50
** receptor =B501+1 property boundary receptor: =C501+1
DISCCART 407931.899571949 3760654.15972162 0.00 1.50
** receptor =B502+1 property boundary receptor: =C502+1
DISCCART 407956.89272601 3760653.95976232 0.00 1.50
** receptor =B503+1 property boundary receptor: =C503+1
DISCCART 407981.894125916 3760653.74980506 0.00 1.50
** receptor =B504+1 property boundary receptor: =C504+1
DISCCART 408006.895525821 3760653.53984779 0.00 1.50
** receptor =B505+1 property boundary receptor: =C505+1
DISCCART 408031.888679883 3760653.3398885 0.00 1.50
** receptor =B506+1 property boundary receptor: =C506+1
DISCCART 408056.890079788 3760653.12993123 0.00 1.50
** receptor =B507+1 property boundary receptor: =C507+1
DISCCART 408081.891479694 3760652.92997193 0.00 1.50
** receptor =B508+1 property boundary receptor: =C508+1
DISCCART 408106.892879599 3760652.72001467 0.00 1.50
** receptor =B509+1 property boundary receptor: =C509+1
DISCCART 408131.886033661 3760652.52005537 0.00 1.50
** receptor =B510+1 property boundary receptor: =C510+1
DISCCART 408156.887433566 3760652.31009811 0.00 1.50
** receptor =B511+1 property boundary receptor: =C511+1
DISCCART 408181.888833472 3760652.11013881 0.00 1.50

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Appendix B

PM Annual Emissions unmitigated

** receptor =B512+1 property boundary receptor: =C512+1
DISCCART 408206.890233378 3760651.90018154 0.00 1.50

** receptor =B513+1 property boundary receptor: =C513+1
DISCCART 408225.740233438 3760644.93159998 0.00 1.50

** receptor =B514+1 property boundary receptor: =C514+1
DISCCART 408224.940386542 3760619.93668762 0.00 1.50

** receptor =B515+1 property boundary receptor: =C515+1
DISCCART 408224.148785489 3760594.95177323 0.00 1.50

** receptor =B516+1 property boundary receptor: =C516+1
DISCCART 408223.348938593 3760569.96685883 0.00 1.50

** receptor =B517+1 property boundary receptor: =C517+1
DISCCART 408222.549091696 3760544.98194444 0.00 1.50

** receptor =B518+1 property boundary receptor: =C518+1
DISCCART 408221.749244799 3760519.98703208 0.00 1.50

** receptor =B519+1 property boundary receptor: =C519+1
DISCCART 408220.949397902 3760495.00211769 0.00 1.50

** receptor =B520+1 property boundary receptor: =C520+1
DISCCART 408220.149551006 3760470.0172033 0.00 1.50

** receptor =B521+1 property boundary receptor: =C521+1
DISCCART 408219.349704109 3760445.0322889 0.00 1.50

** receptor =B522+1 property boundary receptor: =C522+1
DISCCART 408218.549857212 3760420.03737655 0.00 1.50

** receptor =B523+1 property boundary receptor: =C523+1
DISCCART 408217.750010316 3760395.05246215 0.00 1.50

** receptor =B524+1 property boundary receptor: =C524+1
DISCCART 408216.950163419 3760370.06754776 0.00 1.50

** receptor =B525+1 property boundary receptor: =C525+1
DISCCART 408216.150316522 3760345.08263337 0.00 1.50

** receptor =B526+1 property boundary receptor: =C526+1
DISCCART 408215.350469625 3760320.09771897 0.00 1.50

** receptor =B527+1 property boundary receptor: =C527+1
DISCCART 408214.558868573 3760295.10280662 0.00 1.50

** receptor =B528+1 property boundary receptor: =C528+1
DISCCART 408213.759021676 3760270.11789223 0.00 1.50

** receptor =B529+1 property boundary receptor: =C529+1
DISCCART 408212.95917478 3760245.13297783 0.00 1.50

** receptor =B530+1 property boundary receptor: =C530+1
DISCCART 408212.159327883 3760220.14806344 0.00 1.50

** receptor =B531+1 property boundary receptor: =C531+1
DISCCART 408211.359480986 3760195.15315108 0.00 1.50

** receptor =B532+1 property boundary receptor: =C532+1
DISCCART 408210.559634089 3760170.16823669 0.00 1.50

** receptor =B533+1 property boundary receptor: =C533+1
DISCCART 408209.759787193 3760145.18332229 0.00 1.50

** receptor =B534+1 property boundary receptor: =C534+1
DISCCART 408208.959940296 3760120.1984079 0.00 1.50

** receptor =B535+1 property boundary receptor: =C535+1
DISCCART 408208.160093399 3760095.20349554 0.00 1.50

** receptor =B536+1 property boundary receptor: =C536+1
DISCCART 408207.360246503 3760070.21858115 0.00 1.50

** receptor =B537+1 property boundary receptor: =C537+1
DISCCART 408206.560399606 3760045.23366676 0.00 1.50

** receptor =B538+1 property boundary receptor: =C538+1
DISCCART 408205.760552709 3760020.24875237 0.00 1.50

** receptor =B539+1 property boundary receptor: =C539+1
DISCCART 408204.968951657 3759995.26383797 0.00 1.50

** receptor =B540+1 property boundary receptor: =C540+1
DISCCART 408204.16910476 3759970.26892561 0.00 1.50

** receptor =B541+1 property boundary receptor: =C541+1
DISCCART 408203.369257863 3759945.28401122 0.00 1.50

** receptor =B542+1 property boundary receptor: =C542+1
DISCCART 408202.569410967 3759920.29909683 0.00 1.50

** receptor =B543+1 property boundary receptor: =C543+1
DISCCART 408201.76956407 3759895.31418244 0.00 1.50

** receptor =B544+1 property boundary receptor: =C544+1
DISCCART 408200.969717173 3759870.31927008 0.00 1.50

** receptor =B545+1 property boundary receptor: =C545+1
DISCCART 408201.579909651 3759847.54390594 0.00 1.50

** receptor =B546+1 property boundary receptor: =C546+1
DISCCART 408226.573063712 3759847.1539853 0.00 1.50

** receptor =B547+1 property boundary receptor: =C547+1
DISCCART 408251.574463618 3759846.76406467 0.00 1.50

** receptor =B548+1 property boundary receptor: =C548+1
DISCCART 408276.567617679 3759846.37414404 0.00 1.50

** receptor =B549+1 property boundary receptor: =C549+1
DISCCART 408301.569017585 3759845.98422341 0.00 1.50

Appendix B

PM Annual Emissions unmitigated

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** receptor =B550+1 property boundary receptor: =C550+1
DISCCART 408326.562171646 3759845.59430277 0.00 1.50
** receptor =B551+1 property boundary receptor: =C551+1
DISCCART 408351.563571552 3759845.20438214 0.00 1.50
** receptor =B552+1 property boundary receptor: =C552+1
DISCCART 408376.556725613 3759844.81446151 0.00 1.50
** receptor =B553+1 property boundary receptor: =C553+1
DISCCART 408401.549879674 3759844.42454087 0.00 1.50
** receptor =B554+1 property boundary receptor: =C554+1
DISCCART 408426.55127958 3759844.04461821 0.00 1.50
** receptor =B555+1 property boundary receptor: =C555+1
DISCCART 408451.544433641 3759843.65469757 0.00 1.50
** receptor =B556+1 property boundary receptor: =C556+1
DISCCART 408476.545833547 3759843.26477694 0.00 1.50
** receptor =B557+1 property boundary receptor: =C557+1
DISCCART 408501.538987608 3759842.87485631 0.00 1.50
** receptor =B558+1 property boundary receptor: =C558+1
DISCCART 408526.540387514 3759842.48493568 0.00 1.50
** receptor =B559+1 property boundary receptor: =C559+1
DISCCART 408551.533541575 3759842.09501504 0.00 1.50
** receptor =B560+1 property boundary receptor: =C560+1
DISCCART 408576.534941481 3759841.70509441 0.00 1.50
** receptor =B561+1 property boundary receptor: =C561+1
DISCCART 408601.528095542 3759841.31517378 0.00 1.50
** receptor =B562+1 property boundary receptor: =C562+1
DISCCART 408626.529495448 3759840.93525111 0.00 1.50
** receptor =B563+1 property boundary receptor: =C563+1
DISCCART 408651.522649509 3759840.54533048 0.00 1.50
** receptor =B564+1 property boundary receptor: =C564+1
DISCCART 408676.524049415 3759840.15540984 0.00 1.50
** receptor =B565+1 property boundary receptor: =C565+1
DISCCART 408701.517203476 3759839.76548921 0.00 1.50
** receptor =B566+1 property boundary receptor: =C566+1
DISCCART 408726.510357538 3759839.37556858 0.00 1.50
** receptor =B567+1 property boundary receptor: =C567+1
DISCCART 408751.511757443 3759838.98564795 0.00 1.50
** receptor =B568+1 property boundary receptor: =C568+1
DISCCART 408776.504911504 3759838.59572731 0.00 1.50
** receptor =B569+1 property boundary receptor: =C569+1
DISCCART 408801.506311141 3759838.20580668 0.00 1.50
** receptor =B570+1 property boundary receptor: =C570+1
DISCCART 408826.499465471 3759837.81588605 0.00 1.50
** receptor =B571+1 property boundary receptor: =C571+1
DISCCART 408851.500865377 3759837.43596338 0.00 1.50
** receptor =B572+1 property boundary receptor: =C572+1
DISCCART 408876.494019438 3759837.04604275 0.00 1.50
** receptor =B573+1 property boundary receptor: =C573+1
DISCCART 408901.495419344 3759836.65612211 0.00 1.50
** receptor =B574+1 property boundary receptor: =C574+1
DISCCART 408926.488573405 3759836.26620148 0.00 1.50
** receptor =B575+1 property boundary receptor: =C575+1
DISCCART 408951.489973311 3759835.87628085 0.00 1.50
** receptor =B576+1 property boundary receptor: =C576+1
DISCCART 408976.483127372 3759835.48636022 0.00 1.50
** receptor =B577+1 property boundary receptor: =C577+1
DISCCART 409001.484527278 3759835.09643958 0.00 1.50
** receptor =B578+1 property boundary receptor: =C578+1
DISCCART 409026.477681339 3759834.70651895 0.00 1.50
** receptor =B579+1 property boundary receptor: =C579+1
DISCCART 409051.479081245 3759834.31659832 0.00 1.50
** receptor =B580+1 property boundary receptor: =C580+1
DISCCART 409076.472235306 3759833.93667565 0.00 1.50
** receptor =B581+1 property boundary receptor: =C581+1
DISCCART 409101.465389368 3759833.58674688 0.00 1.50
** receptor =B582+1 property boundary receptor: =C582+1
DISCCART 409126.466789273 3759833.25681403 0.00 1.50
** receptor =B583+1 property boundary receptor: =C583+1
DISCCART 409151.468189179 3759832.91688323 0.00 1.50
** receptor =B584+1 property boundary receptor: =C584+1
DISCCART 409176.46134324 3759832.58695038 0.00 1.50
** receptor =B585+1 property boundary receptor: =C585+1
DISCCART 409201.462743146 3759832.24701957 0.00 1.50
** receptor =B586+1 property boundary receptor: =C586+1
DISCCART 409226.455897207 3759831.91708673 0.00 1.50
** receptor =B587+1 property boundary receptor: =C587+1
DISCCART 409251.457297113 3759831.57715592 0.00 1.50

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Appendix B

PM Annual Emissions unmitigated

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** receptor =B588+1 property boundary receptor: =C588+1
DISCCART 409276.450451174 3759831.24722308 0.00 1.50
** receptor =B589+1 property boundary receptor: =C589+1
DISCCART 409301.45185108 3759830.90729227 0.00 1.50
** receptor =B590+1 property boundary receptor: =C590+1
DISCCART 409326.445005141 3759830.57735943 0.00 1.50
** receptor =B591+1 property boundary receptor: =C591+1
DISCCART 409351.446405047 3759830.23742862 0.00 1.50
** receptor =B592+1 property boundary receptor: =C592+1
DISCCART 409376.447804952 3759829.90749578 0.00 1.50
** receptor =B593+1 property boundary receptor: =C593+1
DISCCART 409401.440959014 3759829.56756497 0.00 1.50
** receptor =B594+1 property boundary receptor: =C594+1
DISCCART 409426.442358919 3759829.23763213 0.00 1.50
** receptor =B595+1 property boundary receptor: =C595+1
DISCCART 409451.43551298 3759828.89770132 0.00 1.50
** receptor =B596+1 property boundary receptor: =C596+1
DISCCART 409476.436912886 3759828.56776847 0.00 1.50
** receptor =B597+1 property boundary receptor: =C597+1
DISCCART 409501.430066947 3759828.22783767 0.00 1.50
** receptor =B598+1 property boundary receptor: =C598+1
DISCCART 409526.431466853 3759827.89790482 0.00 1.50
** receptor =B599+1 property boundary receptor: =C599+1
DISCCART 409551.424620914 3759827.55797402 0.00 1.50
** receptor =B600+1 property boundary receptor: =C600+1
DISCCART 409576.42602082 3759827.22804117 0.00 1.50
** receptor =B601+1 property boundary receptor: =C601+1
DISCCART 409601.427420726 3759826.88811036 0.00 1.50
** receptor =B602+1 property boundary receptor: =C602+1
DISCCART 409626.420574787 3759826.55817752 0.00 1.50
** receptor =B603+1 property boundary receptor: =C603+1
DISCCART 409651.421974693 3759826.21824671 0.00 1.50
** receptor =B604+1 property boundary receptor: =C604+1
DISCCART 409676.415128754 3759825.88831387 0.00 1.50
** receptor =B605+1 property boundary receptor: =C605+1
DISCCART 409700.872302936 3759821.52920115 0.00 1.50
** receptor =B606+1 property boundary receptor: =C606+1
DISCCART 409724.579105287 3759813.61081292 0.00 1.50
** receptor =B607+1 property boundary receptor: =C607+1
DISCCART 409748.294153483 3759805.68242672 0.00 1.50
** receptor =B608+1 property boundary receptor: =C608+1
DISCCART 409772.000955834 3759797.76403848 0.00 1.50

** SENSITIVE RECEPTORS

** receptor 1001 (sensitive receptor: T1)
DISCCART 407390.947448644 3759093.38741401 454.30 1.50
** receptor =B9+1 (sensitive receptor: T2)
DISCCART 407365.137955997 3759080.33007179 454.60 1.50
** receptor =B10+1 (sensitive receptor: T3)
DISCCART 407339.781984787 3759067.38270719 459.10 1.50
** receptor =B11+1 (sensitive receptor: T4)
DISCCART 407316.602916471 3759058.85444309 463.60 1.50
** receptor =B12+1 (sensitive receptor: T5)
DISCCART 407283.190755383 3759053.07561936 473.50 1.50
** receptor =B13+1 (sensitive receptor: T6)
DISCCART 407252.936752661 3759048.82648426 475.60 1.50
** receptor =B14+1 (sensitive receptor: T7)
DISCCART 407225.675991418 3759048.53654327 475.60 1.50
** receptor =B15+1 (sensitive receptor: T8)
DISCCART 407196.955715735 3759049.9262604 471.40 1.50
** receptor =B16+1 (sensitive receptor: T9)
DISCCART 407179.012758547 3759047.99665316 465.50 1.50
** receptor =B17+1 (sensitive receptor: T10)
DISCCART 407162.817920349 3759027.3108637 462.40 1.50
** receptor =B18+1 (sensitive receptor: T11)
DISCCART 407144.116345486 3759003.98561149 454.10 1.50
** receptor =B19+1 (sensitive receptor: T12)
DISCCART 407126.461992848 3758984.74952693 443.30 1.50
** receptor =B20+1 (sensitive receptor: T13)
DISCCART 407105.781415354 3758967.54302927 438.30 1.50
** receptor =B21+1 (sensitive receptor: T14)
DISCCART 407088.160046093 3758951.85622227 437.90 1.50
** receptor =B22+1 (sensitive receptor: T15)
DISCCART 407069.524437984 3758935.17961675 437.10 1.50
** receptor =B23+1 (sensitive receptor: T16)

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Appendix B

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** DISCCART	407049.30562777	3758918.52300715	436.10	1.50
** receptor	=B24+1 (sensitive	receptor: T17)		
** DISCCART	407036.326668848	3758904.9057789	432.80	1.50
** receptor	=B25+1 (sensitive	receptor: T18)		
** DISCCART	407039.682727476	3758879.36097847	436.20	1.50
** receptor	=B26+1 (sensitive	receptor: T19)		
** DISCCART	407046.642220062	3758854.23609257	429.40	1.50
** receptor	=B27+1 (sensitive	receptor: T20)		
** DISCCART	407052.496769513	3758829.11120666	426.40	1.50
** receptor	=B28+1 (sensitive	receptor: T21)		
** DISCCART	407055.861073985	3758804.57620069	422.10	1.50
** receptor	=B29+1 (sensitive	receptor: T22)		
** DISCCART	407059.233624302	3758781.58088132	416.60	1.50
** receptor	=B30+1 (sensitive	receptor: T23)		
** DISCCART	407066.250837798	3758771.76287975	414.60	1.50
** receptor	=B31+1 (sensitive	receptor: T24)		
** DISCCART	407073.952456371	3758765.02425138	410.50	1.50
** receptor	=B32+1 (sensitive	receptor: T25)		
** DISCCART	407083.138326917	3758759.39539712	407.30	1.50
** receptor	=B33+1 (sensitive	receptor: T26)		
** DISCCART	407094.377412692	3758756.73593844	406.70	1.50
** receptor	=B34+1 (sensitive	receptor: T27)		
** DISCCART	407109.327128401	3758764.23441215	408.90	1.50
** receptor	=B35+1 (sensitive	receptor: T28)		
** DISCCART	407134.58414948	3758776.74186629	408.20	1.50
** receptor	=B36+1 (sensitive	receptor: T29)		
** DISCCART	407157.820938706	3758790.81900093	411.00	1.50
** receptor	=B37+1 (sensitive	receptor: T30)		
** DISCCART	407181.601953656	3758803.33645304	415.10	1.50
** receptor	=B38+1 (sensitive	receptor: T31)		
** DISCCART	407205.374722761	3758815.86390311	418.10	1.50
** receptor	=B39+1 (sensitive	receptor: T32)		
** DISCCART	407230.681218906	3758833.47031938	425.00	1.50
** receptor	=B40+1 (sensitive	receptor: T33)		
** DISCCART	407254.025204108	3758858.3052643	428.30	1.50
** receptor	=B41+1 (sensitive	receptor: T34)		
** DISCCART	407272.693795594	3758877.52135292	428.60	1.50
** receptor	2001 (sensitive	receptor: C1)		
** DISCCART	405962.503349551	3758512.50565081	301.80	1.50
** receptor	=B43+1 (sensitive	receptor: C2)		
** DISCCART	405962.503349551	3758487.50074049	298.50	1.50
** receptor	=B44+1 (sensitive	receptor: C3)		
** DISCCART	405962.503349551	3758462.50582813	298.50	1.50
** receptor	=B45+1 (sensitive	receptor: C4)		
** DISCCART	405962.503349551	3758437.50091781	298.50	1.50
** receptor	=B46+1 (sensitive	receptor: C5)		
** DISCCART	405962.503349551	3758412.50600545	296.10	1.50
** receptor	=B47+1 (sensitive	receptor: C6)		
** DISCCART	405962.503349551	3758387.50109513	296.10	1.50
** receptor	=B48+1 (sensitive	receptor: C7)		
** DISCCART	405962.503349551	3758362.50618277	295.20	1.50
** receptor	=B49+1 (sensitive	receptor: C8)		
** DISCCART	405962.503349551	3758337.50127244	295.20	1.50
** receptor	=B50+1 (sensitive	receptor: C9)		
** DISCCART	405962.503349551	3758312.50636009	295.20	1.50
** receptor	=B51+1 (sensitive	receptor: C10)		
** DISCCART	405962.503349551	3758287.50144976	295.20	1.50
** receptor	=B52+1 (sensitive	receptor: C11)		
** DISCCART	405962.503349551	3758262.50653741	295.20	1.50
** receptor	=B53+1 (sensitive	receptor: C12)		
** DISCCART	405962.503349551	3758237.50162708	292.80	1.50
** receptor	=B54+1 (sensitive	receptor: C13)		
** DISCCART	405962.503349551	3758212.50671473	292.40	1.50
** receptor	=B55+1 (sensitive	receptor: C14)		
** DISCCART	405962.503349551	3758187.5018044	291.90	1.50
** receptor	=B56+1 (sensitive	receptor: C15)		
** DISCCART	405962.503349551	3758162.50689204	291.90	1.50
** receptor	=B57+1 (sensitive	receptor: C16)		
** DISCCART	405962.503349551	3758137.50198172	289.60	1.50
** receptor	=B58+1 (sensitive	receptor: C17)		
** DISCCART	405987.496503612	3758512.50565081	304.30	1.50
** receptor	=B59+1 (sensitive	receptor: C18)		
** DISCCART	405987.496503612	3758487.50074049	301.80	1.50
** receptor	=B60+1 (sensitive	receptor: C19)		
** DISCCART	405987.496503612	3758462.50582813	299.70	1.50
** receptor	=B61+1 (sensitive	receptor: C20)		

Appendix B

PM Annual Emissions unmitigated

** DISCCART	405987.496503612	3758437.50091781	298.50	1.50
** receptor	=B62+1 (sensitive	receptor: C21)		
** DISCCART	405987.496503612	3758412.50600545	298.50	1.50
** receptor	=B63+1 (sensitive	receptor: C22)		
** DISCCART	405987.496503612	3758387.50109513	298.50	1.50
** receptor	=B64+1 (sensitive	receptor: C23)		
** DISCCART	405987.496503612	3758362.50618277	298.50	1.50
** receptor	=B65+1 (sensitive	receptor: C24)		
** DISCCART	405987.496503612	3758337.50127244	298.50	1.50
** receptor	=B66+1 (sensitive	receptor: C25)		
** DISCCART	405987.496503612	3758312.50636009	298.50	1.50
** receptor	=B67+1 (sensitive	receptor: C26)		
** DISCCART	405987.496503612	3758287.50144976	298.50	1.50
** receptor	=B68+1 (sensitive	receptor: C27)		
** DISCCART	405987.496503612	3758262.50653741	297.80	1.50
** receptor	=B69+1 (sensitive	receptor: C28)		
** DISCCART	405987.496503612	3758237.50162708	295.20	1.50
** receptor	=B70+1 (sensitive	receptor: C29)		
** DISCCART	405987.496503612	3758212.50671473	295.20	1.50
** receptor	=B71+1 (sensitive	receptor: C30)		
** DISCCART	405987.496503612	3758187.5018044	294.50	1.50
** receptor	=B72+1 (sensitive	receptor: C31)		
** DISCCART	405987.496503612	3758162.50689204	293.10	1.50
** receptor	=B73+1 (sensitive	receptor: C32)		
** DISCCART	405987.496503612	3758137.50198172	291.90	1.50
** receptor	=B74+1 (sensitive	receptor: C33)		
** DISCCART	406012.497903518	3758512.50565081	305.50	1.50
** receptor	=B75+1 (sensitive	receptor: C34)		
** DISCCART	406012.497903518	3758487.50074049	305.00	1.50
** receptor	=B76+1 (sensitive	receptor: C35)		
** DISCCART	406012.497903518	3758462.50582813	302.20	1.50
** receptor	=B77+1 (sensitive	receptor: C36)		
** DISCCART	406012.497903518	3758437.50091781	301.80	1.50
** receptor	=B78+1 (sensitive	receptor: C37)		
** DISCCART	406012.497903518	3758412.50600545	301.80	1.50
** receptor	=B79+1 (sensitive	receptor: C38)		
** DISCCART	406012.497903518	3758387.50109513	299.40	1.50
** receptor	=B80+1 (sensitive	receptor: C39)		
** DISCCART	406012.497903518	3758362.50618277	299.40	1.50
** receptor	=B81+1 (sensitive	receptor: C40)		
** DISCCART	406012.497903518	3758337.50127244	299.50	1.50
** receptor	=B82+1 (sensitive	receptor: C41)		
** DISCCART	406012.497903518	3758312.50636009	300.50	1.50
** receptor	=B83+1 (sensitive	receptor: C42)		
** DISCCART	406012.497903518	3758287.50144976	299.40	1.50
** receptor	=B84+1 (sensitive	receptor: C43)		
** DISCCART	406012.497903518	3758262.50653741	298.50	1.50
** receptor	=B85+1 (sensitive	receptor: C44)		
** DISCCART	406012.497903518	3758237.50162708	298.50	1.50
** receptor	=B86+1 (sensitive	receptor: C45)		
** DISCCART	406012.497903518	3758212.50671473	298.50	1.50
** receptor	=B87+1 (sensitive	receptor: C46)		
** DISCCART	406012.497903518	3758187.5018044	296.10	1.50
** receptor	=B88+1 (sensitive	receptor: C47)		
** DISCCART	406012.497903518	3758162.50689204	295.20	1.50
** receptor	=B89+1 (sensitive	receptor: C48)		
** DISCCART	406012.497903518	3758137.50198172	295.20	1.50
** receptor	=B90+1 (sensitive	receptor: C49)		
** DISCCART	406037.499303424	3758512.50565081	308.30	1.50
** receptor	=B91+1 (sensitive	receptor: C50)		
** DISCCART	406037.499303424	3758487.50074049	307.50	1.50
** receptor	=B92+1 (sensitive	receptor: C51)		
** DISCCART	406037.499303424	3758462.50582813	305.00	1.50
** receptor	=B93+1 (sensitive	receptor: C52)		
** DISCCART	406037.499303424	3758437.50091781	305.00	1.50
** receptor	=B94+1 (sensitive	receptor: C53)		
** DISCCART	406037.499303424	3758412.50600545	304.30	1.50
** receptor	=B95+1 (sensitive	receptor: C54)		
** DISCCART	406037.499303424	3758387.50109513	301.80	1.50
** receptor	=B96+1 (sensitive	receptor: C55)		
** DISCCART	406037.499303424	3758362.50618277	301.80	1.50
** receptor	=B97+1 (sensitive	receptor: C56)		
** DISCCART	406037.499303424	3758337.50127244	301.80	1.50
** receptor	=B98+1 (sensitive	receptor: C57)		
** DISCCART	406037.499303424	3758312.50636009	301.80	1.50
** receptor	=B99+1 (sensitive	receptor: C58)		

Appendix B

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** DISCCART	406037.499303424	3758287.50144976	301.80	1.50
** receptor	=B100+1 (sensitive receptor: C59)			
** DISCCART	406037.499303424	3758262.50653741	301.80	1.50
** receptor	=B101+1 (sensitive receptor: C60)			
** DISCCART	406037.499303424	3758237.50162708	301.00	1.50
** receptor	=B102+1 (sensitive receptor: C61)			
** DISCCART	406037.499303424	3758212.50671473	298.50	1.50
** receptor	=B103+1 (sensitive receptor: C62)			
** DISCCART	406037.499303424	3758187.5018044	298.50	1.50
** receptor	=B104+1 (sensitive receptor: C63)			
** DISCCART	406037.499303424	3758162.50689204	298.50	1.50
** receptor	=B105+1 (sensitive receptor: C64)			
** DISCCART	406037.499303424	3758137.50198172	298.50	1.50
** receptor	=B106+1 (sensitive receptor: C65)			
** DISCCART	406062.500703329	3758512.50565081	311.60	1.50
** receptor	=B107+1 (sensitive receptor: C66)			
** DISCCART	406062.500703329	3758487.50074049	309.20	1.50
** receptor	=B108+1 (sensitive receptor: C67)			
** DISCCART	406062.500703329	3758462.50582813	308.30	1.50
** receptor	=B109+1 (sensitive receptor: C68)			
** DISCCART	406062.500703329	3758437.50091781	306.00	1.50
** receptor	=B110+1 (sensitive receptor: C69)			
** DISCCART	406062.500703329	3758412.50600545	305.50	1.50
** receptor	=B111+1 (sensitive receptor: C70)			
** DISCCART	406062.500703329	3758387.50109513	305.00	1.50
** receptor	=B112+1 (sensitive receptor: C71)			
** DISCCART	406062.500703329	3758362.50618277	305.00	1.50
** receptor	=B113+1 (sensitive receptor: C72)			
** DISCCART	406062.500703329	3758337.50127244	305.00	1.50
** receptor	=B114+1 (sensitive receptor: C73)			
** DISCCART	406062.500703329	3758312.50636009	305.00	1.50
** receptor	=B115+1 (sensitive receptor: C74)			
** DISCCART	406062.500703329	3758287.50144976	305.00	1.50
** receptor	=B116+1 (sensitive receptor: C75)			
** DISCCART	406062.500703329	3758262.50653741	303.80	1.50
** receptor	=B117+1 (sensitive receptor: C76)			
** DISCCART	406062.500703329	3758237.50162708	302.70	1.50
** receptor	=B118+1 (sensitive receptor: C77)			
** DISCCART	406062.500703329	3758212.50671473	301.80	1.50
** receptor	=B119+1 (sensitive receptor: C78)			
** DISCCART	406062.500703329	3758187.5018044	299.40	1.50
** receptor	=B120+1 (sensitive receptor: C79)			
** DISCCART	406062.500703329	3758162.50689204	298.90	1.50
** receptor	=B121+1 (sensitive receptor: C80)			
** DISCCART	406062.500703329	3758137.50198172	299.40	1.50
** receptor	=B122+1 (sensitive receptor: C81)			
** DISCCART	406087.502103235	3758512.50565081	311.60	1.50
** receptor	=B123+1 (sensitive receptor: C82)			
** DISCCART	406087.502103235	3758487.50074049	311.60	1.50
** receptor	=B124+1 (sensitive receptor: C83)			
** DISCCART	406087.502103235	3758462.50582813	311.20	1.50
** receptor	=B125+1 (sensitive receptor: C84)			
** DISCCART	406087.502103235	3758437.50091781	308.30	1.50
** receptor	=B126+1 (sensitive receptor: C85)			
** DISCCART	406087.502103235	3758412.50600545	308.30	1.50
** receptor	=B127+1 (sensitive receptor: C86)			
** DISCCART	406087.502103235	3758387.50109513	308.30	1.50
** receptor	=B128+1 (sensitive receptor: C87)			
** DISCCART	406087.502103235	3758362.50618277	308.30	1.50
** receptor	=B129+1 (sensitive receptor: C88)			
** DISCCART	406087.502103235	3758337.50127244	307.60	1.50
** receptor	=B130+1 (sensitive receptor: C89)			
** DISCCART	406087.502103235	3758312.50636009	307.60	1.50
** receptor	=B131+1 (sensitive receptor: C90)			
** DISCCART	406087.502103235	3758287.50144976	307.50	1.50
** receptor	=B132+1 (sensitive receptor: C91)			
** DISCCART	406087.502103235	3758262.50653741	305.00	1.50
** receptor	=B133+1 (sensitive receptor: C92)			
** DISCCART	406087.502103235	3758237.50162708	305.00	1.50
** receptor	=B134+1 (sensitive receptor: C93)			
** DISCCART	406087.502103235	3758212.50671473	304.30	1.50
** receptor	=B135+1 (sensitive receptor: C94)			
** DISCCART	406087.502103235	3758187.5018044	301.80	1.50
** receptor	=B136+1 (sensitive receptor: C95)			
** DISCCART	406087.502103235	3758162.50689204	301.80	1.50
** receptor	=B137+1 (sensitive receptor: C96)			

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** DISCCART	406087.502103235	3758137.50198172	301.80	1.50
** receptor	=B138+1 (sensitive receptor: C97)			
** DISCCART	406112.495257296	3758512.50565081	314.90	1.50
** receptor	=B139+1 (sensitive receptor: C98)			
** DISCCART	406112.495257296	3758487.50074049	314.80	1.50
** receptor	=B140+1 (sensitive receptor: C99)			
** DISCCART	406112.495257296	3758462.50582813	312.00	1.50
** receptor	=B141+1 (sensitive receptor: C100)			
** DISCCART	406112.495257296	3758437.50091781	311.60	1.50
** receptor	=B142+1 (sensitive receptor: C101)			
** DISCCART	406112.495257296	3758412.50600545	311.60	1.50
** receptor	=B143+1 (sensitive receptor: C102)			
** DISCCART	406112.495257296	3758387.50109513	309.20	1.50
** receptor	=B144+1 (sensitive receptor: C103)			
** DISCCART	406112.495257296	3758362.50618277	309.20	1.50
** receptor	=B145+1 (sensitive receptor: C104)			
** DISCCART	406112.495257296	3758337.50127244	309.20	1.50
** receptor	=B146+1 (sensitive receptor: C105)			
** DISCCART	406112.495257296	3758312.50636009	308.30	1.50
** receptor	=B147+1 (sensitive receptor: C106)			
** DISCCART	406112.495257296	3758287.50144976	308.30	1.50
** receptor	=B148+1 (sensitive receptor: C107)			
** DISCCART	406112.495257296	3758262.50653741	308.30	1.50
** receptor	=B149+1 (sensitive receptor: C108)			
** DISCCART	406112.495257296	3758237.50162708	308.30	1.50
** receptor	=B150+1 (sensitive receptor: C109)			
** DISCCART	406112.495257296	3758212.50671473	306.00	1.50
** receptor	=B151+1 (sensitive receptor: C110)			
** DISCCART	406112.495257296	3758187.5018044	306.00	1.50
** receptor	=B152+1 (sensitive receptor: C111)			
** DISCCART	406112.495257296	3758162.50689204	305.00	1.50
** receptor	=B153+1 (sensitive receptor: C112)			
** DISCCART	406112.495257296	3758137.50198172	305.00	1.50
** receptor	=B154+1 (sensitive receptor: C113)			
** DISCCART	406137.496657202	3758512.50565081	318.20	1.50
** receptor	=B155+1 (sensitive receptor: C114)			
** DISCCART	406137.496657202	3758487.50074049	314.90	1.50
** receptor	=B156+1 (sensitive receptor: C115)			
** DISCCART	406137.496657202	3758462.50582813	314.90	1.50
** receptor	=B157+1 (sensitive receptor: C116)			
** DISCCART	406137.496657202	3758437.50091781	314.10	1.50
** receptor	=B158+1 (sensitive receptor: C117)			
** DISCCART	406137.496657202	3758412.50600545	311.60	1.50
** receptor	=B159+1 (sensitive receptor: C118)			
** DISCCART	406137.496657202	3758387.50109513	311.60	1.50
** receptor	=B160+1 (sensitive receptor: C119)			
** DISCCART	406137.496657202	3758362.50618277	311.60	1.50
** receptor	=B161+1 (sensitive receptor: C120)			
** DISCCART	406137.496657202	3758337.50127244	311.60	1.50
** receptor	=B162+1 (sensitive receptor: C121)			
** DISCCART	406137.496657202	3758312.50636009	311.60	1.50
** receptor	=B163+1 (sensitive receptor: C122)			
** DISCCART	406137.496657202	3758287.50144976	311.60	1.50
** receptor	=B164+1 (sensitive receptor: C123)			
** DISCCART	406137.496657202	3758262.50653741	310.90	1.50
** receptor	=B165+1 (sensitive receptor: C124)			
** DISCCART	406137.496657202	3758237.50162708	310.90	1.50
** receptor	=B166+1 (sensitive receptor: C125)			
** DISCCART	406137.496657202	3758212.50671473	309.50	1.50
** receptor	=B167+1 (sensitive receptor: C126)			
** DISCCART	406137.496657202	3758187.5018044	308.30	1.50
** receptor	=B168+1 (sensitive receptor: C127)			
** DISCCART	406137.496657202	3758162.50689204	308.30	1.50
** receptor	=B169+1 (sensitive receptor: C128)			
** DISCCART	406137.496657202	3758137.50198172	308.30	1.50
** receptor	=B170+1 (sensitive receptor: C129)			
** DISCCART	406162.498057107	3758512.50565081	320.20	1.50
** receptor	=B171+1 (sensitive receptor: C130)			
** DISCCART	406162.498057107	3758487.50074049	318.20	1.50
** receptor	=B172+1 (sensitive receptor: C131)			
** DISCCART	406162.498057107	3758462.50582813	316.90	1.50
** receptor	=B173+1 (sensitive receptor: C132)			
** DISCCART	406162.498057107	3758437.50091781	314.90	1.50
** receptor	=B174+1 (sensitive receptor: C133)			
** DISCCART	406162.498057107	3758412.50600545	314.90	1.50
** receptor	=B175+1 (sensitive receptor: C134)			

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** receptor	DISCCART	406162.498057107	3758387.50109513	314.90	1.50
	=B176+1 (sensitive receptor: C135)				
** receptor	DISCCART	406162.498057107	3758362.50618277	312.50	1.50
	=B177+1 (sensitive receptor: C136)				
** receptor	DISCCART	406162.498057107	3758337.50127244	312.50	1.50
	=B178+1 (sensitive receptor: C137)				
** receptor	DISCCART	406162.498057107	3758312.50636009	312.00	1.50
	=B179+1 (sensitive receptor: C138)				
** receptor	DISCCART	406162.498057107	3758287.50144976	311.60	1.50
	=B180+1 (sensitive receptor: C139)				
** receptor	DISCCART	406162.498057107	3758262.50653741	311.60	1.50
	=B181+1 (sensitive receptor: C140)				
** receptor	DISCCART	406162.498057107	3758237.50162708	311.60	1.50
	=B182+1 (sensitive receptor: C141)				
** receptor	DISCCART	406162.498057107	3758212.50671473	311.60	1.50
	=B183+1 (sensitive receptor: C142)				
** receptor	DISCCART	406162.498057107	3758187.5018044	311.60	1.50
	=B184+1 (sensitive receptor: C143)				
** receptor	DISCCART	406162.498057107	3758162.50689204	311.60	1.50
	=B185+1 (sensitive receptor: C144)				
** receptor	DISCCART	406162.498057107	3758137.50198172	311.60	1.50
	=B186+1 (sensitive receptor: C145)				
** receptor	DISCCART	406187.499457013	3758512.50565081	321.40	1.50
	=B187+1 (sensitive receptor: C146)				
** receptor	DISCCART	406187.499457013	3758487.50074049	320.70	1.50
	=B188+1 (sensitive receptor: C147)				
** receptor	DISCCART	406187.499457013	3758462.50582813	318.20	1.50
	=B189+1 (sensitive receptor: C148)				
** receptor	DISCCART	406187.499457013	3758437.50091781	318.20	1.50
	=B190+1 (sensitive receptor: C149)				
** receptor	DISCCART	406187.499457013	3758412.50600545	317.80	1.50
	=B191+1 (sensitive receptor: C150)				
** receptor	DISCCART	406187.499457013	3758387.50109513	317.40	1.50
	=B192+1 (sensitive receptor: C151)				
** receptor	DISCCART	406187.499457013	3758362.50618277	314.90	1.50
	=B193+1 (sensitive receptor: C152)				
** receptor	DISCCART	406187.499457013	3758337.50127244	314.90	1.50
	=B194+1 (sensitive receptor: C153)				
** receptor	DISCCART	406187.499457013	3758312.50636009	314.90	1.50
	=B195+1 (sensitive receptor: C154)				
** receptor	DISCCART	406187.499457013	3758287.50144976	314.90	1.50
	=B196+1 (sensitive receptor: C155)				
** receptor	DISCCART	406187.499457013	3758262.50653741	314.90	1.50
	=B197+1 (sensitive receptor: C156)				
** receptor	DISCCART	406187.499457013	3758237.50162708	314.90	1.50
	=B198+1 (sensitive receptor: C157)				
** receptor	DISCCART	406187.499457013	3758212.50671473	314.90	1.50
	=B199+1 (sensitive receptor: C158)				
** receptor	DISCCART	406187.499457013	3758187.5018044	314.90	1.50
	=B200+1 (sensitive receptor: C159)				
** receptor	DISCCART	406187.499457013	3758162.50689204	314.20	1.50
	=B201+1 (sensitive receptor: C160)				
** receptor	DISCCART	406187.499457013	3758137.50198172	311.60	1.50
	=B202+1 (sensitive receptor: C161)				
** receptor	DISCCART	406212.500856919	3758512.50565081	324.70	1.50
	=B203+1 (sensitive receptor: C162)				
** receptor	DISCCART	406212.500856919	3758487.50074049	322.40	1.50
	=B204+1 (sensitive receptor: C163)				
** receptor	DISCCART	406212.500856919	3758462.50582813	321.40	1.50
	=B205+1 (sensitive receptor: C164)				
** receptor	DISCCART	406212.500856919	3758437.50091781	321.40	1.50
	=B206+1 (sensitive receptor: C165)				
** receptor	DISCCART	406212.500856919	3758412.50600545	319.10	1.50
	=B207+1 (sensitive receptor: C166)				
** receptor	DISCCART	406212.500856919	3758387.50109513	318.20	1.50
	=B208+1 (sensitive receptor: C167)				
** receptor	DISCCART	406212.500856919	3758362.50618277	319.10	1.50
	=B209+1 (sensitive receptor: C168)				
** receptor	DISCCART	406212.500856919	3758337.50127244	318.20	1.50
	=B210+1 (sensitive receptor: C169)				
** receptor	DISCCART	406212.500856919	3758312.50636009	318.20	1.50
	=B211+1 (sensitive receptor: C170)				
** receptor	DISCCART	406212.500856919	3758287.50144976	318.20	1.50
	=B212+1 (sensitive receptor: C171)				
** receptor	DISCCART	406212.500856919	3758262.50653741	318.20	1.50
	=B213+1 (sensitive receptor: C172)				

Appendix B

PM Annual Emissions unmitigated

** DISCCART	406212.500856919	3758237.50162708	318.20	1.50
** receptor	=B214+1 (sensitive receptor: C173)			
** DISCCART	406212.500856919	3758212.50671473	318.20	1.50
** receptor	=B215+1 (sensitive receptor: C174)			
** DISCCART	406212.500856919	3758187.5018044	318.20	1.50
** receptor	=B216+1 (sensitive receptor: C175)			
** DISCCART	406212.500856919	3758162.50689204	316.90	1.50
** receptor	=B217+1 (sensitive receptor: C176)			
** DISCCART	406212.500856919	3758137.50198172	314.90	1.50
** receptor	=B218+1 (sensitive receptor: C177)			
** DISCCART	406237.502256824	3758512.50565081	329.20	1.50
** receptor	=B219+1 (sensitive receptor: C178)			
** DISCCART	406237.502256824	3758487.50074049	327.30	1.50
** receptor	=B220+1 (sensitive receptor: C179)			
** DISCCART	406237.502256824	3758462.50582813	324.70	1.50
** receptor	=B221+1 (sensitive receptor: C180)			
** DISCCART	406237.502256824	3758437.50091781	323.90	1.50
** receptor	=B222+1 (sensitive receptor: C181)			
** DISCCART	406237.502256824	3758412.50600545	321.40	1.50
** receptor	=B223+1 (sensitive receptor: C182)			
** DISCCART	406237.502256824	3758387.50109513	321.40	1.50
** receptor	=B224+1 (sensitive receptor: C183)			
** DISCCART	406237.502256824	3758362.50618277	321.40	1.50
** receptor	=B225+1 (sensitive receptor: C184)			
** DISCCART	406237.502256824	3758337.50127244	320.70	1.50
** receptor	=B226+1 (sensitive receptor: C185)			
** DISCCART	406237.502256824	3758312.50636009	320.70	1.50
** receptor	=B227+1 (sensitive receptor: C186)			
** DISCCART	406237.502256824	3758287.50144976	320.70	1.50
** receptor	=B228+1 (sensitive receptor: C187)			
** DISCCART	406237.502256824	3758262.50653741	320.70	1.50
** receptor	=B229+1 (sensitive receptor: C188)			
** DISCCART	406237.502256824	3758237.50162708	320.70	1.50
** receptor	=B230+1 (sensitive receptor: C189)			
** DISCCART	406237.502256824	3758212.50671473	321.40	1.50
** receptor	=B231+1 (sensitive receptor: C190)			
** DISCCART	406237.502256824	3758187.5018044	321.40	1.50
** receptor	=B232+1 (sensitive receptor: C191)			
** DISCCART	406237.502256824	3758162.50689204	318.20	1.50
** receptor	=B233+1 (sensitive receptor: C192)			
** DISCCART	406237.502256824	3758137.50198172	318.10	1.50
** receptor	=B234+1 (sensitive receptor: C193)			
** DISCCART	406262.495410886	3758512.50565081	333.30	1.50
** receptor	=B235+1 (sensitive receptor: C194)			
** DISCCART	406262.495410886	3758487.50074049	331.30	1.50
** receptor	=B236+1 (sensitive receptor: C195)			
** DISCCART	406262.495410886	3758462.50582813	328.90	1.50
** receptor	=B237+1 (sensitive receptor: C196)			
** DISCCART	406262.495410886	3758437.50091781	327.90	1.50
** receptor	=B238+1 (sensitive receptor: C197)			
** DISCCART	406262.495410886	3758412.50600545	325.20	1.50
** receptor	=B239+1 (sensitive receptor: C198)			
** DISCCART	406262.495410886	3758387.50109513	324.70	1.50
** receptor	=B240+1 (sensitive receptor: C199)			
** DISCCART	406262.495410886	3758362.50618277	324.70	1.50
** receptor	=B241+1 (sensitive receptor: C200)			
** DISCCART	406262.495410886	3758337.50127244	322.40	1.50
** receptor	=B242+1 (sensitive receptor: C201)			
** DISCCART	406262.495410886	3758312.50636009	321.40	1.50
** receptor	=B243+1 (sensitive receptor: C202)			
** DISCCART	406262.495410886	3758287.50144976	321.40	1.50
** receptor	=B244+1 (sensitive receptor: C203)			
** DISCCART	406262.495410886	3758262.50653741	321.90	1.50
** receptor	=B245+1 (sensitive receptor: C204)			
** DISCCART	406262.495410886	3758237.50162708	322.40	1.50
** receptor	=B246+1 (sensitive receptor: C205)			
** DISCCART	406262.495410886	3758212.50671473	321.40	1.50
** receptor	=B247+1 (sensitive receptor: C206)			
** DISCCART	406262.495410886	3758187.5018044	321.40	1.50
** receptor	=B248+1 (sensitive receptor: C207)			
** DISCCART	406262.495410886	3758162.50689204	321.40	1.50
** receptor	=B249+1 (sensitive receptor: C208)			
** DISCCART	406262.495410886	3758137.50198172	318.20	1.50
** receptor	=B250+1 (sensitive receptor: C209)			
** DISCCART	406287.496810791	3758512.50565081	335.80	1.50
** receptor	=B251+1 (sensitive receptor: C210)			

Appendix B

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** receptor	DISCCART	406287.496810791	3758487.50074049	334.50	1.50
** receptor	=B252+1 (sensitive receptor: C211)				
** receptor	DISCCART	406287.496810791	3758462.50582813	332.50	1.50
** receptor	=B253+1 (sensitive receptor: C212)				
** receptor	DISCCART	406287.496810791	3758437.50091781	330.60	1.50
** receptor	=B254+1 (sensitive receptor: C213)				
** receptor	DISCCART	406287.496810791	3758412.50600545	329.20	1.50
** receptor	=B255+1 (sensitive receptor: C214)				
** receptor	DISCCART	406287.496810791	3758387.50109513	328.00	1.50
** receptor	=B256+1 (sensitive receptor: C215)				
** receptor	DISCCART	406287.496810791	3758362.50618277	327.60	1.50
** receptor	=B257+1 (sensitive receptor: C216)				
** receptor	DISCCART	406287.496810791	3758337.50127244	327.20	1.50
** receptor	=B258+1 (sensitive receptor: C217)				
** receptor	DISCCART	406287.496810791	3758312.50636009	324.70	1.50
** receptor	=B259+1 (sensitive receptor: C218)				
** receptor	DISCCART	406287.496810791	3758287.50144976	324.70	1.50
** receptor	=B260+1 (sensitive receptor: C219)				
** receptor	DISCCART	406287.496810791	3758262.50653741	324.70	1.50
** receptor	=B261+1 (sensitive receptor: C220)				
** receptor	DISCCART	406287.496810791	3758237.50162708	324.70	1.50
** receptor	=B262+1 (sensitive receptor: C221)				
** receptor	DISCCART	406287.496810791	3758212.50671473	324.70	1.50
** receptor	=B263+1 (sensitive receptor: C222)				
** receptor	DISCCART	406287.496810791	3758187.5018044	321.40	1.50
** receptor	=B264+1 (sensitive receptor: C223)				
** receptor	DISCCART	406287.496810791	3758162.50689204	321.40	1.50
** receptor	=B265+1 (sensitive receptor: C224)				
** receptor	DISCCART	406287.496810791	3758137.50198172	321.40	1.50
** receptor	=B266+1 (sensitive receptor: C225)				
** receptor	DISCCART	406312.498210697	3758512.50565081	338.30	1.50
** receptor	=B267+1 (sensitive receptor: C226)				
** receptor	DISCCART	406312.498210697	3758487.50074049	335.50	1.50
** receptor	=B268+1 (sensitive receptor: C227)				
** receptor	DISCCART	406312.498210697	3758462.50582813	334.60	1.50
** receptor	=B269+1 (sensitive receptor: C228)				
** receptor	DISCCART	406312.498210697	3758437.50091781	334.60	1.50
** receptor	=B270+1 (sensitive receptor: C229)				
** receptor	DISCCART	406312.498210697	3758412.50600545	332.20	1.50
** receptor	=B271+1 (sensitive receptor: C230)				
** receptor	DISCCART	406312.498210697	3758387.50109513	331.30	1.50
** receptor	=B272+1 (sensitive receptor: C231)				
** receptor	DISCCART	406312.498210697	3758362.50618277	331.30	1.50
** receptor	=B273+1 (sensitive receptor: C232)				
** receptor	DISCCART	406312.498210697	3758337.50127244	328.90	1.50
** receptor	=B274+1 (sensitive receptor: C233)				
** receptor	DISCCART	406312.498210697	3758312.50636009	328.00	1.50
** receptor	=B275+1 (sensitive receptor: C234)				
** receptor	DISCCART	406312.498210697	3758287.50144976	328.00	1.50
** receptor	=B276+1 (sensitive receptor: C235)				
** receptor	DISCCART	406312.498210697	3758262.50653741	328.00	1.50
** receptor	=B277+1 (sensitive receptor: C236)				
** receptor	DISCCART	406312.498210697	3758237.50162708	328.00	1.50
** receptor	=B278+1 (sensitive receptor: C237)				
** receptor	DISCCART	406312.498210697	3758212.50671473	325.20	1.50
** receptor	=B279+1 (sensitive receptor: C238)				
** receptor	DISCCART	406312.498210697	3758187.5018044	324.70	1.50
** receptor	=B280+1 (sensitive receptor: C239)				
** receptor	DISCCART	406312.498210697	3758162.50689204	322.40	1.50
** receptor	=B281+1 (sensitive receptor: C240)				
** receptor	DISCCART	406312.498210697	3758137.50198172	321.40	1.50
** receptor	=B282+1 (sensitive receptor: C241)				
** receptor	DISCCART	406337.499610602	3758512.50565081	341.10	1.50
** receptor	=B283+1 (sensitive receptor: C242)				
** receptor	DISCCART	406337.499610602	3758487.50074049	337.80	1.50
** receptor	=B284+1 (sensitive receptor: C243)				
** receptor	DISCCART	406337.499610602	3758462.50582813	337.50	1.50
** receptor	=B285+1 (sensitive receptor: C244)				
** receptor	DISCCART	406337.499610602	3758437.50091781	337.10	1.50
** receptor	=B286+1 (sensitive receptor: C245)				
** receptor	DISCCART	406337.499610602	3758412.50600545	334.60	1.50
** receptor	=B287+1 (sensitive receptor: C246)				
** receptor	DISCCART	406337.499610602	3758387.50109513	334.60	1.50
** receptor	=B288+1 (sensitive receptor: C247)				
** receptor	DISCCART	406337.499610602	3758362.50618277	334.20	1.50
** receptor	=B289+1 (sensitive receptor: C248)				

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** DISCCART	406337.499610602	3758337.50127244	331.30	1.50
** receptor	=B290+1 (sensitive receptor: C249)			
** DISCCART	406337.499610602	3758312.50636009	331.30	1.50
** receptor	=B291+1 (sensitive receptor: C250)			
** DISCCART	406337.499610602	3758287.50144976	328.00	1.50
** receptor	=B292+1 (sensitive receptor: C251)			
** DISCCART	406337.499610602	3758262.50653741	328.00	1.50
** receptor	=B293+1 (sensitive receptor: C252)			
** DISCCART	406337.499610602	3758237.50162708	328.00	1.50
** receptor	=B294+1 (sensitive receptor: C253)			
** DISCCART	406337.499610602	3758212.50671473	326.30	1.50
** receptor	=B295+1 (sensitive receptor: C254)			
** DISCCART	406337.499610602	3758187.5018044	324.70	1.50
** receptor	=B296+1 (sensitive receptor: C255)			
** DISCCART	406337.499610602	3758162.50689204	324.70	1.50
** receptor	=B297+1 (sensitive receptor: C256)			
** DISCCART	406337.499610602	3758137.50198172	324.60	1.50
** receptor	=B298+1 (sensitive receptor: C257)			
** DISCCART	406362.501010508	3758512.50565081	343.20	1.50
** receptor	=B299+1 (sensitive receptor: C258)			
** DISCCART	406362.501010508	3758487.50074049	341.10	1.50
** receptor	=B300+1 (sensitive receptor: C259)			
** DISCCART	406362.501010508	3758462.50582813	341.10	1.50
** receptor	=B301+1 (sensitive receptor: C260)			
** DISCCART	406362.501010508	3758437.50091781	338.80	1.50
** receptor	=B302+1 (sensitive receptor: C261)			
** DISCCART	406362.501010508	3758412.50600545	338.30	1.50
** receptor	=B303+1 (sensitive receptor: C262)			
** DISCCART	406362.501010508	3758387.50109513	337.80	1.50
** receptor	=B304+1 (sensitive receptor: C263)			
** DISCCART	406362.501010508	3758362.50618277	334.60	1.50
** receptor	=B305+1 (sensitive receptor: C264)			
** DISCCART	406362.501010508	3758337.50127244	334.60	1.50
** receptor	=B306+1 (sensitive receptor: C265)			
** DISCCART	406362.501010508	3758312.50636009	334.60	1.50
** receptor	=B307+1 (sensitive receptor: C266)			
** DISCCART	406362.501010508	3758287.50144976	331.30	1.50
** receptor	=B308+1 (sensitive receptor: C267)			
** DISCCART	406362.501010508	3758262.50653741	331.30	1.50
** receptor	=B309+1 (sensitive receptor: C268)			
** DISCCART	406362.501010508	3758237.50162708	328.00	1.50
** receptor	=B310+1 (sensitive receptor: C269)			
** DISCCART	406362.501010508	3758212.50671473	325.80	1.50
** receptor	=B311+1 (sensitive receptor: C270)			
** DISCCART	406362.501010508	3758187.5018044	324.70	1.50
** receptor	=B312+1 (sensitive receptor: C271)			
** DISCCART	406362.501010508	3758162.50689204	324.20	1.50
** receptor	=B313+1 (sensitive receptor: C272)			
** DISCCART	406362.501010508	3758137.50198172	323.70	1.50
** receptor	=B314+1 (sensitive receptor: C273)			
** DISCCART	406387.502410414	3758512.50565081	344.40	1.50
** receptor	=B315+1 (sensitive receptor: C274)			
** DISCCART	406387.502410414	3758487.50074049	344.40	1.50
** receptor	=B316+1 (sensitive receptor: C275)			
** DISCCART	406387.502410414	3758462.50582813	343.70	1.50
** receptor	=B317+1 (sensitive receptor: C276)			
** DISCCART	406387.502410414	3758437.50091781	341.10	1.50
** receptor	=B318+1 (sensitive receptor: C277)			
** DISCCART	406387.502410414	3758412.50600545	341.10	1.50
** receptor	=B319+1 (sensitive receptor: C278)			
** DISCCART	406387.502410414	3758387.50109513	337.80	1.50
** receptor	=B320+1 (sensitive receptor: C279)			
** DISCCART	406387.502410414	3758362.50618277	337.80	1.50
** receptor	=B321+1 (sensitive receptor: C280)			
** DISCCART	406387.502410414	3758337.50127244	337.10	1.50
** receptor	=B322+1 (sensitive receptor: C281)			
** DISCCART	406387.502410414	3758312.50636009	334.60	1.50
** receptor	=B323+1 (sensitive receptor: C282)			
** DISCCART	406387.502410414	3758287.50144976	334.50	1.50
** receptor	=B324+1 (sensitive receptor: C283)			
** DISCCART	406387.502410414	3758262.50653741	331.30	1.50
** receptor	=B325+1 (sensitive receptor: C284)			
** DISCCART	406387.502410414	3758237.50162708	328.00	1.50
** receptor	=B326+1 (sensitive receptor: C285)			
** DISCCART	406387.502410414	3758212.50671473	324.70	1.50
** receptor	=B327+1 (sensitive receptor: C286)			

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** DISCCART	406387.502410414	3758187.5018044	322.20	1.50
** receptor	=B328+1 (sensitive receptor: C287)			
** DISCCART	406387.502410414	3758162.50689204	321.40	1.50
** receptor	=B329+1 (sensitive receptor: C288)			
** DISCCART	406387.502410414	3758137.50198172	321.40	1.50
** receptor	=B330+1 (sensitive receptor: C289)			
** DISCCART	406412.503810319	3758512.50565081	347.70	1.50
** receptor	=B331+1 (sensitive receptor: C290)			
** DISCCART	406412.503810319	3758487.50074049	344.40	1.50
** receptor	=B332+1 (sensitive receptor: C291)			
** DISCCART	406412.503810319	3758462.50582813	344.40	1.50
** receptor	=B333+1 (sensitive receptor: C292)			
** DISCCART	406412.503810319	3758437.50091781	344.40	1.50
** receptor	=B334+1 (sensitive receptor: C293)			
** DISCCART	406412.503810319	3758412.50600545	341.60	1.50
** receptor	=B335+1 (sensitive receptor: C294)			
** DISCCART	406412.503810319	3758387.50109513	341.10	1.50
** receptor	=B336+1 (sensitive receptor: C295)			
** DISCCART	406412.503810319	3758362.50618277	339.90	1.50
** receptor	=B337+1 (sensitive receptor: C296)			
** DISCCART	406412.503810319	3758337.50127244	337.80	1.50
** receptor	=B338+1 (sensitive receptor: C297)			
** DISCCART	406412.503810319	3758312.50636009	336.60	1.50
** receptor	=B339+1 (sensitive receptor: C298)			
** DISCCART	406412.503810319	3758287.50144976	334.60	1.50
** receptor	=B340+1 (sensitive receptor: C299)			
** DISCCART	406412.503810319	3758262.50653741	330.80	1.50
** receptor	=B341+1 (sensitive receptor: C300)			
** DISCCART	406412.503810319	3758237.50162708	324.70	1.50
** receptor	=B342+1 (sensitive receptor: C301)			
** DISCCART	406412.503810319	3758212.50671473	322.60	1.50
** receptor	=B343+1 (sensitive receptor: C302)			
** DISCCART	406412.503810319	3758187.5018044	321.40	1.50
** receptor	=B344+1 (sensitive receptor: C303)			
** DISCCART	406412.503810319	3758162.50689204	321.40	1.50
** receptor	=B345+1 (sensitive receptor: C304)			
** DISCCART	406412.503810319	3758137.50198172	321.40	1.50
** receptor	=B346+1 (sensitive receptor: C305)			
** DISCCART	406437.496964381	3758512.50565081	348.90	1.50
** receptor	=B347+1 (sensitive receptor: C306)			
** DISCCART	406437.496964381	3758487.50074049	347.70	1.50
** receptor	=B348+1 (sensitive receptor: C307)			
** DISCCART	406437.496964381	3758462.50582813	345.60	1.50
** receptor	=B349+1 (sensitive receptor: C308)			
** DISCCART	406437.496964381	3758437.50091781	344.40	1.50
** receptor	=B350+1 (sensitive receptor: C309)			
** DISCCART	406437.496964381	3758412.50600545	344.40	1.50
** receptor	=B351+1 (sensitive receptor: C310)			
** DISCCART	406437.496964381	3758387.50109513	343.60	1.50
** receptor	=B352+1 (sensitive receptor: C311)			
** DISCCART	406437.496964381	3758362.50618277	341.10	1.50
** receptor	=B353+1 (sensitive receptor: C312)			
** DISCCART	406437.496964381	3758337.50127244	341.10	1.50
** receptor	=B354+1 (sensitive receptor: C313)			
** DISCCART	406437.496964381	3758312.50636009	337.80	1.50
** receptor	=B355+1 (sensitive receptor: C314)			
** DISCCART	406437.496964381	3758287.50144976	334.60	1.50
** receptor	=B356+1 (sensitive receptor: C315)			
** DISCCART	406437.496964381	3758262.50653741	328.20	1.50
** receptor	=B357+1 (sensitive receptor: C316)			
** DISCCART	406437.496964381	3758237.50162708	322.10	1.50
** receptor	=B358+1 (sensitive receptor: C317)			
** DISCCART	406437.496964381	3758212.50671473	321.40	1.50
** receptor	=B359+1 (sensitive receptor: C318)			
** DISCCART	406437.496964381	3758187.5018044	321.40	1.50
** receptor	=B360+1 (sensitive receptor: C319)			
** DISCCART	406437.496964381	3758162.50689204	321.40	1.50
** receptor	=B361+1 (sensitive receptor: C320)			
** DISCCART	406437.496964381	3758137.50198172	321.40	1.50
** receptor	=B362+1 (sensitive receptor: C321)			
** DISCCART	406462.498364286	3758512.50565081	351.00	1.50
** receptor	=B363+1 (sensitive receptor: C322)			
** DISCCART	406462.498364286	3758487.50074049	347.70	1.50
** receptor	=B364+1 (sensitive receptor: C323)			
** DISCCART	406462.498364286	3758462.50582813	347.70	1.50
** receptor	=B365+1 (sensitive receptor: C324)			

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** DISCCART	406462.498364286	3758437.50091781	345.30	1.50
** receptor	=B366+1 (sensitive receptor: C325)			
** DISCCART	406462.498364286	3758412.50600545	344.40	1.50
** receptor	=B367+1 (sensitive receptor: C326)			
** DISCCART	406462.498364286	3758387.50109513	344.40	1.50
** receptor	=B368+1 (sensitive receptor: C327)			
** DISCCART	406462.498364286	3758362.50618277	343.20	1.50
** receptor	=B369+1 (sensitive receptor: C328)			
** DISCCART	406462.498364286	3758337.50127244	341.10	1.50
** receptor	=B370+1 (sensitive receptor: C329)			
** DISCCART	406462.498364286	3758312.50636009	339.90	1.50
** receptor	=B371+1 (sensitive receptor: C330)			
** DISCCART	406462.498364286	3758287.50144976	335.50	1.50
** receptor	=B372+1 (sensitive receptor: C331)			
** DISCCART	406462.498364286	3758262.50653741	325.80	1.50
** receptor	=B373+1 (sensitive receptor: C332)			
** DISCCART	406462.498364286	3758237.50162708	321.40	1.50
** receptor	=B374+1 (sensitive receptor: C333)			
** DISCCART	406462.498364286	3758212.50671473	321.40	1.50
** receptor	=B375+1 (sensitive receptor: C334)			
** DISCCART	406462.498364286	3758187.5018044	322.40	1.50
** receptor	=B376+1 (sensitive receptor: C335)			
** DISCCART	406462.498364286	3758162.50689204	323.60	1.50
** receptor	=B377+1 (sensitive receptor: C336)			
** DISCCART	406462.498364286	3758137.50198172	325.60	1.50
** receptor	=B378+1 (sensitive receptor: C337)			
** DISCCART	406487.499764192	3758512.50565081	353.90	1.50
** receptor	=B379+1 (sensitive receptor: C338)			
** DISCCART	406487.499764192	3758487.50074049	350.90	1.50
** receptor	=B380+1 (sensitive receptor: C339)			
** DISCCART	406487.499764192	3758462.50582813	347.70	1.50
** receptor	=B381+1 (sensitive receptor: C340)			
** DISCCART	406487.499764192	3758437.50091781	347.70	1.50
** receptor	=B382+1 (sensitive receptor: C341)			
** DISCCART	406487.499764192	3758412.50600545	344.40	1.50
** receptor	=B383+1 (sensitive receptor: C342)			
** DISCCART	406487.499764192	3758387.50109513	344.40	1.50
** receptor	=B384+1 (sensitive receptor: C343)			
** DISCCART	406487.499764192	3758362.50618277	344.40	1.50
** receptor	=B385+1 (sensitive receptor: C344)			
** DISCCART	406487.499764192	3758337.50127244	341.10	1.50
** receptor	=B386+1 (sensitive receptor: C345)			
** DISCCART	406487.499764192	3758312.50636009	341.10	1.50
** receptor	=B387+1 (sensitive receptor: C346)			
** DISCCART	406487.499764192	3758287.50144976	337.80	1.50
** receptor	=B388+1 (sensitive receptor: C347)			
** DISCCART	406487.499764192	3758262.50653741	323.30	1.50
** receptor	=B389+1 (sensitive receptor: C348)			
** DISCCART	406487.499764192	3758237.50162708	321.40	1.50
** receptor	=B390+1 (sensitive receptor: C349)			
** DISCCART	406487.499764192	3758212.50671473	324.40	1.50
** receptor	=B391+1 (sensitive receptor: C350)			
** DISCCART	406487.499764192	3758187.5018044	327.30	1.50
** receptor	=B392+1 (sensitive receptor: C351)			
** DISCCART	406487.499764192	3758162.50689204	328.00	1.50
** receptor	=B393+1 (sensitive receptor: C352)			
** DISCCART	406487.499764192	3758137.50198172	330.60	1.50
** receptor	=B394+1 (sensitive receptor: C353)			
** DISCCART	406512.501164097	3758512.50565081	354.20	1.50
** receptor	=B395+1 (sensitive receptor: C354)			
** DISCCART	406512.501164097	3758487.50074049	351.00	1.50
** receptor	=B396+1 (sensitive receptor: C355)			
** DISCCART	406512.501164097	3758462.50582813	347.70	1.50
** receptor	=B397+1 (sensitive receptor: C356)			
** DISCCART	406512.501164097	3758437.50091781	344.40	1.50
** receptor	=B398+1 (sensitive receptor: C357)			
** DISCCART	406512.501164097	3758412.50600545	344.40	1.50
** receptor	=B399+1 (sensitive receptor: C358)			
** DISCCART	406512.501164097	3758387.50109513	344.40	1.50
** receptor	=B400+1 (sensitive receptor: C359)			
** DISCCART	406512.501164097	3758362.50618277	342.20	1.50
** receptor	=B401+1 (sensitive receptor: C360)			
** DISCCART	406512.501164097	3758337.50127244	341.10	1.50
** receptor	=B402+1 (sensitive receptor: C361)			
** DISCCART	406512.501164097	3758312.50636009	338.50	1.50
** receptor	=B403+1 (sensitive receptor: C362)			

Appendix B

PM Annual Emissions unmitigated

** DISCCART	406512.501164097	3758287.50144976	331.20	1.50
** receptor	=B404+1 (sensitive receptor: C363)			
** DISCCART	406512.501164097	3758262.50653741	321.40	1.50
** receptor	=B405+1 (sensitive receptor: C364)			
** DISCCART	406512.501164097	3758237.50162708	323.40	1.50
** receptor	=B406+1 (sensitive receptor: C365)			
** DISCCART	406512.501164097	3758212.50671473	334.40	1.50
** receptor	=B407+1 (sensitive receptor: C366)			
** DISCCART	406512.501164097	3758187.5018044	334.60	1.50
** receptor	=B408+1 (sensitive receptor: C367)			
** DISCCART	406512.501164097	3758162.50689204	334.60	1.50
** receptor	=B409+1 (sensitive receptor: C368)			
** DISCCART	406512.501164097	3758137.50198172	334.60	1.50
** receptor	=B410+1 (sensitive receptor: C369)			
** DISCCART	406537.502564003	3758512.50565081	355.80	1.50
** receptor	=B411+1 (sensitive receptor: C370)			
** DISCCART	406537.502564003	3758487.50074049	351.00	1.50
** receptor	=B412+1 (sensitive receptor: C371)			
** DISCCART	406537.502564003	3758462.50582813	347.70	1.50
** receptor	=B413+1 (sensitive receptor: C372)			
** DISCCART	406537.502564003	3758437.50091781	344.40	1.50
** receptor	=B414+1 (sensitive receptor: C373)			
** DISCCART	406537.502564003	3758412.50600545	344.40	1.50
** receptor	=B415+1 (sensitive receptor: C374)			
** DISCCART	406537.502564003	3758387.50109513	341.80	1.50
** receptor	=B416+1 (sensitive receptor: C375)			
** DISCCART	406537.502564003	3758362.50618277	339.80	1.50
** receptor	=B417+1 (sensitive receptor: C376)			
** DISCCART	406537.502564003	3758337.50127244	337.80	1.50
** receptor	=B418+1 (sensitive receptor: C377)			
** DISCCART	406537.502564003	3758312.50636009	336.10	1.50
** receptor	=B419+1 (sensitive receptor: C378)			
** DISCCART	406537.502564003	3758287.50144976	333.80	1.50
** receptor	=B420+1 (sensitive receptor: C379)			
** DISCCART	406537.502564003	3758262.50653741	334.50	1.50
** receptor	=B421+1 (sensitive receptor: C380)			
** DISCCART	406537.502564003	3758237.50162708	343.60	1.50
** receptor	=B422+1 (sensitive receptor: C381)			
** DISCCART	406537.502564003	3758212.50671473	340.70	1.50
** receptor	=B423+1 (sensitive receptor: C382)			
** DISCCART	406537.502564003	3758187.5018044	337.80	1.50
** receptor	=B424+1 (sensitive receptor: C383)			
** DISCCART	406537.502564003	3758162.50689204	335.80	1.50
** receptor	=B425+1 (sensitive receptor: C384)			
** DISCCART	406537.502564003	3758137.50198172	334.60	1.50
** receptor	=B426+1 (sensitive receptor: C385)			
** DISCCART	406562.495718064	3758512.50565081	356.30	1.50
** receptor	=B427+1 (sensitive receptor: C386)			
** DISCCART	406562.495718064	3758487.50074049	351.00	1.50
** receptor	=B428+1 (sensitive receptor: C387)			
** DISCCART	406562.495718064	3758462.50582813	347.20	1.50
** receptor	=B429+1 (sensitive receptor: C388)			
** DISCCART	406562.495718064	3758437.50091781	344.40	1.50
** receptor	=B430+1 (sensitive receptor: C389)			
** DISCCART	406562.495718064	3758412.50600545	341.10	1.50
** receptor	=B431+1 (sensitive receptor: C390)			
** DISCCART	406562.495718064	3758387.50109513	337.80	1.50
** receptor	=B432+1 (sensitive receptor: C391)			
** DISCCART	406562.495718064	3758362.50618277	337.80	1.50
** receptor	=B433+1 (sensitive receptor: C392)			
** DISCCART	406562.495718064	3758337.50127244	337.80	1.50
** receptor	=B434+1 (sensitive receptor: C393)			
** DISCCART	406562.495718064	3758312.50636009	338.80	1.50
** receptor	=B435+1 (sensitive receptor: C394)			
** DISCCART	406562.495718064	3758287.50144976	341.10	1.50
** receptor	=B436+1 (sensitive receptor: C395)			
** DISCCART	406562.495718064	3758262.50653741	343.30	1.50
** receptor	=B437+1 (sensitive receptor: C396)			
** DISCCART	406562.495718064	3758237.50162708	344.40	1.50
** receptor	=B438+1 (sensitive receptor: C397)			
** DISCCART	406562.495718064	3758212.50671473	342.00	1.50
** receptor	=B439+1 (sensitive receptor: C398)			
** DISCCART	406562.495718064	3758187.5018044	341.10	1.50
** receptor	=B440+1 (sensitive receptor: C399)			
** DISCCART	406562.495718064	3758162.50689204	338.80	1.50
** receptor	=B441+1 (sensitive receptor: C400)			

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** DISCCART	406562.495718064	3758137.50198172	337.80	1.50
** receptor	=B442+1 (sensitive receptor: C401)			
** DISCCART	406587.49711797	3758512.50565081	357.50	1.50
** receptor	=B443+1 (sensitive receptor: C402)			
** DISCCART	406587.49711797	3758487.50074049	351.60	1.50
** receptor	=B444+1 (sensitive receptor: C403)			
** DISCCART	406587.49711797	3758462.50582813	346.00	1.50
** receptor	=B445+1 (sensitive receptor: C404)			
** DISCCART	406587.49711797	3758437.50091781	341.10	1.50
** receptor	=B446+1 (sensitive receptor: C405)			
** DISCCART	406587.49711797	3758412.50600545	341.10	1.50
** receptor	=B447+1 (sensitive receptor: C406)			
** DISCCART	406587.49711797	3758387.50109513	340.30	1.50
** receptor	=B448+1 (sensitive receptor: C407)			
** DISCCART	406587.49711797	3758362.50618277	339.20	1.50
** receptor	=B449+1 (sensitive receptor: C408)			
** DISCCART	406587.49711797	3758337.50127244	340.50	1.50
** receptor	=B450+1 (sensitive receptor: C409)			
** DISCCART	406587.49711797	3758312.50636009	344.10	1.50
** receptor	=B451+1 (sensitive receptor: C410)			
** DISCCART	406587.49711797	3758287.50144976	344.40	1.50
** receptor	=B452+1 (sensitive receptor: C411)			
** DISCCART	406587.49711797	3758262.50653741	344.40	1.50
** receptor	=B453+1 (sensitive receptor: C412)			
** DISCCART	406587.49711797	3758237.50162708	344.40	1.50
** receptor	=B454+1 (sensitive receptor: C413)			
** DISCCART	406587.49711797	3758212.50671473	344.40	1.50
** receptor	=B455+1 (sensitive receptor: C414)			
** DISCCART	406587.49711797	3758187.5018044	343.70	1.50
** receptor	=B456+1 (sensitive receptor: C415)			
** DISCCART	406587.49711797	3758162.50689204	341.10	1.50
** receptor	=B457+1 (sensitive receptor: C416)			
** DISCCART	406587.49711797	3758137.50198172	340.40	1.50
** receptor	=B458+1 (sensitive receptor: C417)			
** DISCCART	406612.498517875	3758512.50565081	357.50	1.50
** receptor	=B459+1 (sensitive receptor: C418)			
** DISCCART	406612.498517875	3758487.50074049	350.90	1.50
** receptor	=B460+1 (sensitive receptor: C419)			
** DISCCART	406612.498517875	3758462.50582813	343.60	1.50
** receptor	=B461+1 (sensitive receptor: C420)			
** DISCCART	406612.498517875	3758437.50091781	341.10	1.50
** receptor	=B462+1 (sensitive receptor: C421)			
** DISCCART	406612.498517875	3758412.50600545	341.10	1.50
** receptor	=B463+1 (sensitive receptor: C422)			
** DISCCART	406612.498517875	3758387.50109513	338.80	1.50
** receptor	=B464+1 (sensitive receptor: C423)			
** DISCCART	406612.498517875	3758362.50618277	343.30	1.50
** receptor	=B465+1 (sensitive receptor: C424)			
** DISCCART	406612.498517875	3758337.50127244	346.30	1.50
** receptor	=B466+1 (sensitive receptor: C425)			
** DISCCART	406612.498517875	3758312.50636009	349.10	1.50
** receptor	=B467+1 (sensitive receptor: C426)			
** DISCCART	406612.498517875	3758287.50144976	348.60	1.50
** receptor	=B468+1 (sensitive receptor: C427)			
** DISCCART	406612.498517875	3758262.50653741	348.60	1.50
** receptor	=B469+1 (sensitive receptor: C428)			
** DISCCART	406612.498517875	3758237.50162708	347.70	1.50
** receptor	=B470+1 (sensitive receptor: C429)			
** DISCCART	406612.498517875	3758212.50671473	346.40	1.50
** receptor	=B471+1 (sensitive receptor: C430)			
** DISCCART	406612.498517875	3758187.5018044	344.40	1.50
** receptor	=B472+1 (sensitive receptor: C431)			
** DISCCART	406612.498517875	3758162.50689204	344.40	1.50
** receptor	=B473+1 (sensitive receptor: C432)			
** DISCCART	406612.498517875	3758137.50198172	344.40	1.50
** receptor	=B474+1 (sensitive receptor: C433)			
** DISCCART	406637.499917781	3758512.50565081	354.60	1.50
** receptor	=B475+1 (sensitive receptor: C434)			
** DISCCART	406637.499917781	3758487.50074049	350.90	1.50
** receptor	=B476+1 (sensitive receptor: C435)			
** DISCCART	406637.499917781	3758462.50582813	346.00	1.50
** receptor	=B477+1 (sensitive receptor: C436)			
** DISCCART	406637.499917781	3758437.50091781	341.10	1.50
** receptor	=B478+1 (sensitive receptor: C437)			
** DISCCART	406637.499917781	3758412.50600545	342.50	1.50
** receptor	=B479+1 (sensitive receptor: C438)			

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** DISCCART	406637.499917781	3758387.50109513	347.00	1.50
** receptor	=B480+1 (sensitive receptor: C439)			
** DISCCART	406637.499917781	3758362.50618277	352.00	1.50
** receptor	=B481+1 (sensitive receptor: C440)			
** DISCCART	406637.499917781	3758337.50127244	356.80	1.50
** receptor	=B482+1 (sensitive receptor: C441)			
** DISCCART	406637.499917781	3758312.50636009	357.10	1.50
** receptor	=B483+1 (sensitive receptor: C442)			
** DISCCART	406637.499917781	3758287.50144976	354.20	1.50
** receptor	=B484+1 (sensitive receptor: C443)			
** DISCCART	406637.499917781	3758262.50653741	352.20	1.50
** receptor	=B485+1 (sensitive receptor: C444)			
** DISCCART	406637.499917781	3758237.50162708	350.20	1.50
** receptor	=B486+1 (sensitive receptor: C445)			
** DISCCART	406637.499917781	3758212.50671473	347.70	1.50
** receptor	=B487+1 (sensitive receptor: C446)			
** DISCCART	406637.499917781	3758187.5018044	346.90	1.50
** receptor	=B488+1 (sensitive receptor: C447)			
** DISCCART	406637.499917781	3758162.50689204	344.40	1.50
** receptor	=B489+1 (sensitive receptor: C448)			
** DISCCART	406637.499917781	3758137.50198172	344.40	1.50
** receptor	=B490+1 (sensitive receptor: C449)			
** DISCCART	406662.501317687	3758512.50565081	357.50	1.50
** receptor	=B491+1 (sensitive receptor: C450)			
** DISCCART	406662.501317687	3758487.50074049	354.30	1.50
** receptor	=B492+1 (sensitive receptor: C451)			
** DISCCART	406662.501317687	3758462.50582813	351.80	1.50
** receptor	=B493+1 (sensitive receptor: C452)			
** DISCCART	406662.501317687	3758437.50091781	352.00	1.50
** receptor	=B494+1 (sensitive receptor: C453)			
** DISCCART	406662.501317687	3758412.50600545	355.20	1.50
** receptor	=B495+1 (sensitive receptor: C454)			
** DISCCART	406662.501317687	3758387.50109513	355.20	1.50
** receptor	=B496+1 (sensitive receptor: C455)			
** DISCCART	406662.501317687	3758362.50618277	358.40	1.50
** receptor	=B497+1 (sensitive receptor: C456)			
** DISCCART	406662.501317687	3758337.50127244	360.80	1.50
** receptor	=B498+1 (sensitive receptor: C457)			
** DISCCART	406662.501317687	3758312.50636009	359.60	1.50
** receptor	=B499+1 (sensitive receptor: C458)			
** DISCCART	406662.501317687	3758287.50144976	357.50	1.50
** receptor	=B500+1 (sensitive receptor: C459)			
** DISCCART	406662.501317687	3758262.50653741	354.20	1.50
** receptor	=B501+1 (sensitive receptor: C460)			
** DISCCART	406662.501317687	3758237.50162708	351.90	1.50
** receptor	=B502+1 (sensitive receptor: C461)			
** DISCCART	406662.501317687	3758212.50671473	351.00	1.50
** receptor	=B503+1 (sensitive receptor: C462)			
** DISCCART	406662.501317687	3758187.5018044	347.70	1.50
** receptor	=B504+1 (sensitive receptor: C463)			
** DISCCART	406662.501317687	3758162.50689204	347.70	1.50
** receptor	=B505+1 (sensitive receptor: C464)			
** DISCCART	406662.501317687	3758137.50198172	344.40	1.50
** receptor	=B506+1 (sensitive receptor: C465)			
** DISCCART	406687.502717592	3758512.50565081	357.50	1.50
** receptor	=B507+1 (sensitive receptor: C466)			
** DISCCART	406687.502717592	3758487.50074049	357.50	1.50
** receptor	=B508+1 (sensitive receptor: C467)			
** DISCCART	406687.502717592	3758462.50582813	357.50	1.50
** receptor	=B509+1 (sensitive receptor: C468)			
** DISCCART	406687.502717592	3758437.50091781	360.10	1.50
** receptor	=B510+1 (sensitive receptor: C469)			
** DISCCART	406687.502717592	3758412.50600545	360.80	1.50
** receptor	=B511+1 (sensitive receptor: C470)			
** DISCCART	406687.502717592	3758387.50109513	360.10	1.50
** receptor	=B512+1 (sensitive receptor: C471)			
** DISCCART	406687.502717592	3758362.50618277	362.10	1.50
** receptor	=B513+1 (sensitive receptor: C472)			
** DISCCART	406687.502717592	3758337.50127244	363.30	1.50
** receptor	=B514+1 (sensitive receptor: C473)			
** DISCCART	406687.502717592	3758312.50636009	360.80	1.50
** receptor	=B515+1 (sensitive receptor: C474)			
** DISCCART	406687.502717592	3758287.50144976	357.50	1.50
** receptor	=B516+1 (sensitive receptor: C475)			
** DISCCART	406687.502717592	3758262.50653741	355.80	1.50
** receptor	=B517+1 (sensitive receptor: C476)			

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DISCCART	406687.502717592	3758237.50162708	354.20	1.50
** receptor	=B518+1 (sensitive receptor: C477)			
DISCCART	406687.502717592	3758212.50671473	351.00	1.50
** receptor	=B519+1 (sensitive receptor: C478)			
DISCCART	406687.502717592	3758187.5018044	350.90	1.50
** receptor	=B520+1 (sensitive receptor: C479)			
DISCCART	406687.502717592	3758162.50689204	347.70	1.50
** receptor	=B521+1 (sensitive receptor: C480)			
DISCCART	406687.502717592	3758137.50198172	344.40	1.50
** receptor	=B522+1 (sensitive receptor: C481)			
DISCCART	406712.495871654	3758512.50565081	357.50	1.50
** receptor	=B523+1 (sensitive receptor: C482)			
DISCCART	406712.495871654	3758487.50074049	358.50	1.50
** receptor	=B524+1 (sensitive receptor: C483)			
DISCCART	406712.495871654	3758462.50582813	360.80	1.50
** receptor	=B525+1 (sensitive receptor: C484)			
DISCCART	406712.495871654	3758437.50091781	361.70	1.50
** receptor	=B526+1 (sensitive receptor: C485)			
DISCCART	406712.495871654	3758412.50600545	364.10	1.50
** receptor	=B527+1 (sensitive receptor: C486)			
DISCCART	406712.495871654	3758387.50109513	364.10	1.50
** receptor	=B528+1 (sensitive receptor: C487)			
DISCCART	406712.495871654	3758362.50618277	364.10	1.50
** receptor	=B529+1 (sensitive receptor: C488)			
DISCCART	406712.495871654	3758337.50127244	364.00	1.50
** receptor	=B530+1 (sensitive receptor: C489)			
DISCCART	406712.495871654	3758312.50636009	360.80	1.50
** receptor	=B531+1 (sensitive receptor: C490)			
DISCCART	406712.495871654	3758287.50144976	357.50	1.50
** receptor	=B532+1 (sensitive receptor: C491)			
DISCCART	406712.495871654	3758262.50653741	357.50	1.50
** receptor	=B533+1 (sensitive receptor: C492)			
DISCCART	406712.495871654	3758237.50162708	354.20	1.50
** receptor	=B534+1 (sensitive receptor: C493)			
DISCCART	406712.495871654	3758212.50671473	354.20	1.50
** receptor	=B535+1 (sensitive receptor: C494)			
DISCCART	406712.495871654	3758187.5018044	351.00	1.50
** receptor	=B536+1 (sensitive receptor: C495)			
DISCCART	406712.495871654	3758162.50689204	348.10	1.50
** receptor	=B537+1 (sensitive receptor: C496)			
DISCCART	406712.495871654	3758137.50198172	344.40	1.50
** receptor	=B538+1 (sensitive receptor: C497)			
DISCCART	406737.497271559	3758512.50565081	359.20	1.50
** receptor	=B539+1 (sensitive receptor: C498)			
DISCCART	406737.497271559	3758487.50074049	360.90	1.50
** receptor	=B540+1 (sensitive receptor: C499)			
DISCCART	406737.497271559	3758462.50582813	363.70	1.50
** receptor	=B541+1 (sensitive receptor: C500)			
DISCCART	406737.497271559	3758437.50091781	364.10	1.50
** receptor	=B542+1 (sensitive receptor: C501)			
DISCCART	406737.497271559	3758412.50600545	365.40	1.50
** receptor	=B543+1 (sensitive receptor: C502)			
DISCCART	406737.497271559	3758387.50109513	366.70	1.50
** receptor	=B544+1 (sensitive receptor: C503)			
DISCCART	406737.497271559	3758362.50618277	367.40	1.50
** receptor	=B545+1 (sensitive receptor: C504)			
DISCCART	406737.497271559	3758337.50127244	364.10	1.50
** receptor	=B546+1 (sensitive receptor: C505)			
DISCCART	406737.497271559	3758312.50636009	362.00	1.50
** receptor	=B547+1 (sensitive receptor: C506)			
DISCCART	406737.497271559	3758287.50144976	360.80	1.50
** receptor	=B548+1 (sensitive receptor: C507)			
DISCCART	406737.497271559	3758262.50653741	357.50	1.50
** receptor	=B549+1 (sensitive receptor: C508)			
DISCCART	406737.497271559	3758237.50162708	357.50	1.50
** receptor	=B550+1 (sensitive receptor: C509)			
DISCCART	406737.497271559	3758212.50671473	354.20	1.50
** receptor	=B551+1 (sensitive receptor: C510)			
DISCCART	406737.497271559	3758187.5018044	351.00	1.50
** receptor	=B552+1 (sensitive receptor: C511)			
DISCCART	406737.497271559	3758162.50689204	347.70	1.50
** receptor	=B553+1 (sensitive receptor: C512)			
DISCCART	406737.497271559	3758137.50198172	344.40	1.50
** receptor	=B554+1 (sensitive receptor: C513)			
DISCCART	406762.498671465	3758512.50565081	360.80	1.50
** receptor	=B555+1 (sensitive receptor: C514)			

Appendix B

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** DISCCART	406762.498671465	3758487.50074049	364.10	1.50
** receptor	=B556+1 (sensitive receptor: C515)			
** DISCCART	406762.498671465	3758462.50582813	365.00	1.50
** receptor	=B557+1 (sensitive receptor: C516)			
** DISCCART	406762.498671465	3758437.50091781	367.40	1.50
** receptor	=B558+1 (sensitive receptor: C517)			
** DISCCART	406762.498671465	3758412.50600545	367.40	1.50
** receptor	=B559+1 (sensitive receptor: C518)			
** DISCCART	406762.498671465	3758387.50109513	367.40	1.50
** receptor	=B560+1 (sensitive receptor: C519)			
** DISCCART	406762.498671465	3758362.50618277	368.30	1.50
** receptor	=B561+1 (sensitive receptor: C520)			
** DISCCART	406762.498671465	3758337.50127244	367.30	1.50
** receptor	=B562+1 (sensitive receptor: C521)			
** DISCCART	406762.498671465	3758312.50636009	364.50	1.50
** receptor	=B563+1 (sensitive receptor: C522)			
** DISCCART	406762.498671465	3758287.50144976	361.70	1.50
** receptor	=B564+1 (sensitive receptor: C523)			
** DISCCART	406762.498671465	3758262.50653741	360.80	1.50
** receptor	=B565+1 (sensitive receptor: C524)			
** DISCCART	406762.498671465	3758237.50162708	357.50	1.50
** receptor	=B566+1 (sensitive receptor: C525)			
** DISCCART	406762.498671465	3758212.50671473	356.30	1.50
** receptor	=B567+1 (sensitive receptor: C526)			
** DISCCART	406762.498671465	3758187.5018044	351.00	1.50
** receptor	=B568+1 (sensitive receptor: C527)			
** DISCCART	406762.498671465	3758162.50689204	347.70	1.50
** receptor	=B569+1 (sensitive receptor: C528)			
** DISCCART	406762.498671465	3758137.50198172	344.40	1.50
** receptor	=B570+1 (sensitive receptor: C529)			
** DISCCART	406787.50007137	3758512.50565081	360.80	1.50
** receptor	=B571+1 (sensitive receptor: C530)			
** DISCCART	406787.50007137	3758487.50074049	364.20	1.50
** receptor	=B572+1 (sensitive receptor: C531)			
** DISCCART	406787.50007137	3758462.50582813	367.40	1.50
** receptor	=B573+1 (sensitive receptor: C532)			
** DISCCART	406787.50007137	3758437.50091781	369.90	1.50
** receptor	=B574+1 (sensitive receptor: C533)			
** DISCCART	406787.50007137	3758412.50600545	370.60	1.50
** receptor	=B575+1 (sensitive receptor: C534)			
** DISCCART	406787.50007137	3758387.50109513	370.70	1.50
** receptor	=B576+1 (sensitive receptor: C535)			
** DISCCART	406787.50007137	3758362.50618277	371.90	1.50
** receptor	=B577+1 (sensitive receptor: C536)			
** DISCCART	406787.50007137	3758337.50127244	369.90	1.50
** receptor	=B578+1 (sensitive receptor: C537)			
** DISCCART	406787.50007137	3758312.50636009	367.40	1.50
** receptor	=B579+1 (sensitive receptor: C538)			
** DISCCART	406787.50007137	3758287.50144976	366.60	1.50
** receptor	=B580+1 (sensitive receptor: C539)			
** DISCCART	406787.50007137	3758262.50653741	362.00	1.50
** receptor	=B581+1 (sensitive receptor: C540)			
** DISCCART	406787.50007137	3758237.50162708	360.70	1.50
** receptor	=B582+1 (sensitive receptor: C541)			
** DISCCART	406787.50007137	3758212.50671473	357.50	1.50
** receptor	=B583+1 (sensitive receptor: C542)			
** DISCCART	406787.50007137	3758187.5018044	351.00	1.50
** receptor	=B584+1 (sensitive receptor: C543)			
** DISCCART	406787.50007137	3758162.50689204	347.70	1.50
** receptor	=B585+1 (sensitive receptor: C544)			
** DISCCART	406787.50007137	3758137.50198172	341.80	1.50
** receptor	=B586+1 (sensitive receptor: C545)			
** DISCCART	406812.501471276	3758512.50565081	363.00	1.50
** receptor	=B587+1 (sensitive receptor: C546)			
** DISCCART	406812.501471276	3758487.50074049	367.40	1.50
** receptor	=B588+1 (sensitive receptor: C547)			
** DISCCART	406812.501471276	3758462.50582813	369.50	1.50
** receptor	=B589+1 (sensitive receptor: C548)			
** DISCCART	406812.501471276	3758437.50091781	371.60	1.50
** receptor	=B590+1 (sensitive receptor: C549)			
** DISCCART	406812.501471276	3758412.50600545	374.40	1.50
** receptor	=B591+1 (sensitive receptor: C550)			
** DISCCART	406812.501471276	3758387.50109513	374.80	1.50
** receptor	=B592+1 (sensitive receptor: C551)			
** DISCCART	406812.501471276	3758362.50618277	374.80	1.50
** receptor	=B593+1 (sensitive receptor: C552)			

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** DISCCART	406812.501471276	3758337.50127244	373.90	1.50
** receptor	=B594+1 (sensitive receptor: C553)			
** DISCCART	406812.501471276	3758312.50636009	369.40	1.50
** receptor	=B595+1 (sensitive receptor: C554)			
** DISCCART	406812.501471276	3758287.50144976	367.40	1.50
** receptor	=B596+1 (sensitive receptor: C555)			
** DISCCART	406812.501471276	3758262.50653741	364.50	1.50
** receptor	=B597+1 (sensitive receptor: C556)			
** DISCCART	406812.501471276	3758237.50162708	360.80	1.50
** receptor	=B598+1 (sensitive receptor: C557)			
** DISCCART	406812.501471276	3758212.50671473	357.50	1.50
** receptor	=B599+1 (sensitive receptor: C558)			
** DISCCART	406812.501471276	3758187.5018044	354.20	1.50
** receptor	=B600+1 (sensitive receptor: C559)			
** DISCCART	406812.501471276	3758162.50689204	346.00	1.50
** receptor	=B601+1 (sensitive receptor: C560)			
** DISCCART	406812.501471276	3758137.50198172	341.10	1.50
** receptor	=B602+1 (sensitive receptor: C561)			
** DISCCART	406837.502871182	3758512.50565081	366.60	1.50
** receptor	=B603+1 (sensitive receptor: C562)			
** DISCCART	406837.502871182	3758487.50074049	367.40	1.50
** receptor	=B604+1 (sensitive receptor: C563)			
** DISCCART	406837.502871182	3758462.50582813	370.60	1.50
** receptor	=B605+1 (sensitive receptor: C564)			
** DISCCART	406837.502871182	3758437.50091781	374.00	1.50
** receptor	=B606+1 (sensitive receptor: C565)			
** DISCCART	406837.502871182	3758412.50600545	378.50	1.50
** receptor	=B607+1 (sensitive receptor: C566)			
** DISCCART	406837.502871182	3758387.50109513	379.80	1.50
** receptor	=B608+1 (sensitive receptor: C567)			
** DISCCART	406837.502871182	3758362.50618277	378.40	1.50
** receptor	=B609+1 (sensitive receptor: C568)			
** DISCCART	406837.502871182	3758337.50127244	377.20	1.50
** receptor	=B610+1 (sensitive receptor: C569)			
** DISCCART	406837.502871182	3758312.50636009	373.50	1.50
** receptor	=B611+1 (sensitive receptor: C570)			
** DISCCART	406837.502871182	3758287.50144976	367.40	1.50
** receptor	=B612+1 (sensitive receptor: C571)			
** DISCCART	406837.502871182	3758262.50653741	362.70	1.50
** receptor	=B613+1 (sensitive receptor: C572)			
** DISCCART	406837.502871182	3758237.50162708	358.20	1.50
** receptor	=B614+1 (sensitive receptor: C573)			
** DISCCART	406837.502871182	3758212.50671473	357.50	1.50
** receptor	=B615+1 (sensitive receptor: C574)			
** DISCCART	406837.502871182	3758187.5018044	354.20	1.50
** receptor	=B616+1 (sensitive receptor: C575)			
** DISCCART	406837.502871182	3758162.50689204	348.50	1.50
** receptor	=B617+1 (sensitive receptor: C576)			
** DISCCART	406837.502871182	3758137.50198172	343.70	1.50
** receptor	=B618+1 (sensitive receptor: C577)			
** DISCCART	406862.496025243	3758512.50565081	368.30	1.50
** receptor	=B619+1 (sensitive receptor: C578)			
** DISCCART	406862.496025243	3758487.50074049	370.70	1.50
** receptor	=B620+1 (sensitive receptor: C579)			
** DISCCART	406862.496025243	3758462.50582813	373.90	1.50
** receptor	=B621+1 (sensitive receptor: C580)			
** DISCCART	406862.496025243	3758437.50091781	377.20	1.50
** receptor	=B622+1 (sensitive receptor: C581)			
** DISCCART	406862.496025243	3758412.50600545	380.50	1.50
** receptor	=B623+1 (sensitive receptor: C582)			
** DISCCART	406862.496025243	3758387.50109513	381.40	1.50
** receptor	=B624+1 (sensitive receptor: C583)			
** DISCCART	406862.496025243	3758362.50618277	380.50	1.50
** receptor	=B625+1 (sensitive receptor: C584)			
** DISCCART	406862.496025243	3758337.50127244	380.40	1.50
** receptor	=B626+1 (sensitive receptor: C585)			
** DISCCART	406862.496025243	3758312.50636009	375.50	1.50
** receptor	=B627+1 (sensitive receptor: C586)			
** DISCCART	406862.496025243	3758287.50144976	364.00	1.50
** receptor	=B628+1 (sensitive receptor: C587)			
** DISCCART	406862.496025243	3758262.50653741	358.60	1.50
** receptor	=B629+1 (sensitive receptor: C588)			
** DISCCART	406862.496025243	3758237.50162708	358.40	1.50
** receptor	=B630+1 (sensitive receptor: C589)			
** DISCCART	406862.496025243	3758212.50671473	358.40	1.50
** receptor	=B631+1 (sensitive receptor: C590)			

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** DISCCART	406862.496025243	3758187.5018044	357.50	1.50
** receptor	=B632+1 (sensitive receptor: C591)			
** DISCCART	406862.496025243	3758162.50689204	357.50	1.50
** receptor	=B633+1 (sensitive receptor: C592)			
** DISCCART	406862.496025243	3758137.50198172	355.20	1.50
** receptor	=B634+1 (sensitive receptor: C593)			
** DISCCART	406887.497425149	3758512.50565081	373.20	1.50
** receptor	=B635+1 (sensitive receptor: C594)			
** DISCCART	406887.497425149	3758487.50074049	373.90	1.50
** receptor	=B636+1 (sensitive receptor: C595)			
** DISCCART	406887.497425149	3758462.50582813	375.30	1.50
** receptor	=B637+1 (sensitive receptor: C596)			
** DISCCART	406887.497425149	3758437.50091781	379.80	1.50
** receptor	=B638+1 (sensitive receptor: C597)			
** DISCCART	406887.497425149	3758412.50600545	381.80	1.50
** receptor	=B639+1 (sensitive receptor: C598)			
** DISCCART	406887.497425149	3758387.50109513	383.80	1.50
** receptor	=B640+1 (sensitive receptor: C599)			
** DISCCART	406887.497425149	3758362.50618277	383.40	1.50
** receptor	=B641+1 (sensitive receptor: C600)			
** DISCCART	406887.497425149	3758337.50127244	380.50	1.50
** receptor	=B642+1 (sensitive receptor: C601)			
** DISCCART	406887.497425149	3758312.50636009	370.50	1.50
** receptor	=B643+1 (sensitive receptor: C602)			
** DISCCART	406887.497425149	3758287.50144976	358.20	1.50
** receptor	=B644+1 (sensitive receptor: C603)			
** DISCCART	406887.497425149	3758262.50653741	360.10	1.50
** receptor	=B645+1 (sensitive receptor: C604)			
** DISCCART	406887.497425149	3758237.50162708	363.40	1.50
** receptor	=B646+1 (sensitive receptor: C605)			
** DISCCART	406887.497425149	3758212.50671473	366.60	1.50
** receptor	=B647+1 (sensitive receptor: C606)			
** DISCCART	406887.497425149	3758187.5018044	365.90	1.50
** receptor	=B648+1 (sensitive receptor: C607)			
** DISCCART	406887.497425149	3758162.50689204	365.90	1.50
** receptor	=B649+1 (sensitive receptor: C608)			
** DISCCART	406887.497425149	3758137.50198172	366.60	1.50
** receptor	=B650+1 (sensitive receptor: C609)			
** DISCCART	406912.498825054	3758512.50565081	376.10	1.50
** receptor	=B651+1 (sensitive receptor: C610)			
** DISCCART	406912.498825054	3758487.50074049	377.20	1.50
** receptor	=B652+1 (sensitive receptor: C611)			
** DISCCART	406912.498825054	3758462.50582813	377.20	1.50
** receptor	=B653+1 (sensitive receptor: C612)			
** DISCCART	406912.498825054	3758437.50091781	380.50	1.50
** receptor	=B654+1 (sensitive receptor: C613)			
** DISCCART	406912.498825054	3758412.50600545	385.50	1.50
** receptor	=B655+1 (sensitive receptor: C614)			
** DISCCART	406912.498825054	3758387.50109513	387.00	1.50
** receptor	=B656+1 (sensitive receptor: C615)			
** DISCCART	406912.498825054	3758362.50618277	383.80	1.50
** receptor	=B657+1 (sensitive receptor: C616)			
** DISCCART	406912.498825054	3758337.50127244	380.40	1.50
** receptor	=B658+1 (sensitive receptor: C617)			
** DISCCART	406912.498825054	3758312.50636009	366.30	1.50
** receptor	=B659+1 (sensitive receptor: C618)			
** DISCCART	406912.498825054	3758287.50144976	357.60	1.50
** receptor	=B660+1 (sensitive receptor: C619)			
** DISCCART	406912.498825054	3758262.50653741	367.20	1.50
** receptor	=B661+1 (sensitive receptor: C620)			
** DISCCART	406912.498825054	3758237.50162708	375.80	1.50
** receptor	=B662+1 (sensitive receptor: C621)			
** DISCCART	406912.498825054	3758212.50671473	376.90	1.50
** receptor	=B663+1 (sensitive receptor: C622)			
** DISCCART	406912.498825054	3758187.5018044	375.80	1.50
** receptor	=B664+1 (sensitive receptor: C623)			
** DISCCART	406912.498825054	3758162.50689204	375.80	1.50
** receptor	=B665+1 (sensitive receptor: C624)			
** DISCCART	406912.498825054	3758137.50198172	375.80	1.50
** receptor	=B666+1 (sensitive receptor: C625)			
** DISCCART	406937.50022496	3758512.50565081	380.50	1.50
** receptor	=B667+1 (sensitive receptor: C626)			
** DISCCART	406937.50022496	3758487.50074049	380.50	1.50
** receptor	=B668+1 (sensitive receptor: C627)			
** DISCCART	406937.50022496	3758462.50582813	380.10	1.50
** receptor	=B669+1 (sensitive receptor: C628)			

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** DISCCART	406937.50022496	3758437.50091781	380.60	1.50
** receptor	=B670+1 (sensitive receptor: C629)			
** DISCCART	406937.50022496	3758412.50600545	386.70	1.50
** receptor	=B671+1 (sensitive receptor: C630)			
** DISCCART	406937.50022496	3758387.50109513	387.00	1.50
** receptor	=B672+1 (sensitive receptor: C631)			
** DISCCART	406937.50022496	3758362.50618277	383.80	1.50
** receptor	=B673+1 (sensitive receptor: C632)			
** DISCCART	406937.50022496	3758337.50127244	377.80	1.50
** receptor	=B674+1 (sensitive receptor: C633)			
** DISCCART	406937.50022496	3758312.50636009	367.00	1.50
** receptor	=B675+1 (sensitive receptor: C634)			
** DISCCART	406937.50022496	3758287.50144976	371.90	1.50
** receptor	=B676+1 (sensitive receptor: C635)			
** DISCCART	406937.50022496	3758262.50653741	381.10	1.50
** receptor	=B677+1 (sensitive receptor: C636)			
** DISCCART	406937.50022496	3758237.50162708	389.70	1.50
** receptor	=B678+1 (sensitive receptor: C637)			
** DISCCART	406937.50022496	3758212.50671473	392.20	1.50
** receptor	=B679+1 (sensitive receptor: C638)			
** DISCCART	406937.50022496	3758187.5018044	392.20	1.50
** receptor	=B680+1 (sensitive receptor: C639)			
** DISCCART	406937.50022496	3758162.50689204	390.10	1.50
** receptor	=B681+1 (sensitive receptor: C640)			
** DISCCART	406937.50022496	3758137.50198172	386.30	1.50
** receptor	=B682+1 (sensitive receptor: C641)			
** DISCCART	406962.501624865	3758512.50565081	388.90	1.50
** receptor	=B683+1 (sensitive receptor: C642)			
** DISCCART	406962.501624865	3758487.50074049	388.90	1.50
** receptor	=B684+1 (sensitive receptor: C643)			
** DISCCART	406962.501624865	3758462.50582813	388.90	1.50
** receptor	=B685+1 (sensitive receptor: C644)			
** DISCCART	406962.501624865	3758437.50091781	388.00	1.50
** receptor	=B686+1 (sensitive receptor: C645)			
** DISCCART	406962.501624865	3758412.50600545	391.20	1.50
** receptor	=B687+1 (sensitive receptor: C646)			
** DISCCART	406962.501624865	3758387.50109513	390.20	1.50
** receptor	=B688+1 (sensitive receptor: C647)			
** DISCCART	406962.501624865	3758362.50618277	381.60	1.50
** receptor	=B689+1 (sensitive receptor: C648)			
** DISCCART	406962.501624865	3758337.50127244	377.10	1.50
** receptor	=B690+1 (sensitive receptor: C649)			
** DISCCART	406962.501624865	3758312.50636009	377.80	1.50
** receptor	=B691+1 (sensitive receptor: C650)			
** DISCCART	406962.501624865	3758287.50144976	384.80	1.50
** receptor	=B692+1 (sensitive receptor: C651)			
** DISCCART	406962.501624865	3758262.50653741	397.20	1.50
** receptor	=B693+1 (sensitive receptor: C652)			
** DISCCART	406962.501624865	3758237.50162708	401.10	1.50
** receptor	=B694+1 (sensitive receptor: C653)			
** DISCCART	406962.501624865	3758212.50671473	402.20	1.50
** receptor	=B695+1 (sensitive receptor: C654)			
** DISCCART	406962.501624865	3758187.5018044	403.40	1.50
** receptor	=B696+1 (sensitive receptor: C655)			
** DISCCART	406962.501624865	3758162.50689204	398.40	1.50
** receptor	=B697+1 (sensitive receptor: C656)			
** DISCCART	406962.501624865	3758137.50198172	390.20	1.50
** receptor	=B698+1 (sensitive receptor: C657)			
** DISCCART	406987.503024771	3758512.50565081	399.10	1.50
** receptor	=B699+1 (sensitive receptor: C658)			
** DISCCART	406987.503024771	3758487.50074049	399.40	1.50
** receptor	=B700+1 (sensitive receptor: C659)			
** DISCCART	406987.503024771	3758462.50582813	396.20	1.50
** receptor	=B701+1 (sensitive receptor: C660)			
** DISCCART	406987.503024771	3758437.50091781	396.20	1.50
** receptor	=B702+1 (sensitive receptor: C661)			
** DISCCART	406987.503024771	3758412.50600545	394.80	1.50
** receptor	=B703+1 (sensitive receptor: C662)			
** DISCCART	406987.503024771	3758387.50109513	390.20	1.50
** receptor	=B704+1 (sensitive receptor: C663)			
** DISCCART	406987.503024771	3758362.50618277	380.50	1.50
** receptor	=B705+1 (sensitive receptor: C664)			
** DISCCART	406987.503024771	3758337.50127244	377.20	1.50
** receptor	=B706+1 (sensitive receptor: C665)			
** DISCCART	406987.503024771	3758312.50636009	378.90	1.50
** receptor	=B707+1 (sensitive receptor: C666)			

Appendix B

PM Annual Emissions unmitigated

** DISCCART	406987.503024771	3758287.50144976	390.50	1.50
** receptor	=B708+1 (sensitive receptor: C667)			
** DISCCART	406987.503024771	3758262.50653741	403.10	1.50
** receptor	=B709+1 (sensitive receptor: C668)			
** DISCCART	406987.503024771	3758237.50162708	403.40	1.50
** receptor	=B710+1 (sensitive receptor: C669)			
** DISCCART	406987.503024771	3758212.50671473	403.80	1.50
** receptor	=B711+1 (sensitive receptor: C670)			
** DISCCART	406987.503024771	3758187.5018044	400.80	1.50
** receptor	=B712+1 (sensitive receptor: C671)			
** DISCCART	406987.503024771	3758162.50689204	391.30	1.50
** receptor	=B713+1 (sensitive receptor: C672)			
** DISCCART	406987.503024771	3758137.50198172	381.10	1.50
** receptor	=B714+1 (sensitive receptor: C673)			
** DISCCART	407012.504424677	3758512.50565081	403.40	1.50
** receptor	=B715+1 (sensitive receptor: C674)			
** DISCCART	407012.504424677	3758487.50074049	403.40	1.50
** receptor	=B716+1 (sensitive receptor: C675)			
** DISCCART	407012.504424677	3758462.50582813	403.40	1.50
** receptor	=B717+1 (sensitive receptor: C676)			
** DISCCART	407012.504424677	3758437.50091781	401.10	1.50
** receptor	=B718+1 (sensitive receptor: C677)			
** DISCCART	407012.504424677	3758412.50600545	398.40	1.50
** receptor	=B719+1 (sensitive receptor: C678)			
** DISCCART	407012.504424677	3758387.50109513	393.50	1.50
** receptor	=B720+1 (sensitive receptor: C679)			
** DISCCART	407012.504424677	3758362.50618277	387.70	1.50
** receptor	=B721+1 (sensitive receptor: C680)			
** DISCCART	407012.504424677	3758337.50127244	388.90	1.50
** receptor	=B722+1 (sensitive receptor: C681)			
** DISCCART	407012.504424677	3758312.50636009	388.90	1.50
** receptor	=B723+1 (sensitive receptor: C682)			
** DISCCART	407012.504424677	3758287.50144976	397.90	1.50
** receptor	=B724+1 (sensitive receptor: C683)			
** DISCCART	407012.504424677	3758262.50653741	402.50	1.50
** receptor	=B725+1 (sensitive receptor: C684)			
** DISCCART	407012.504424677	3758237.50162708	400.20	1.50
** receptor	=B726+1 (sensitive receptor: C685)			
** DISCCART	407012.504424677	3758212.50671473	398.40	1.50
** receptor	=B727+1 (sensitive receptor: C686)			
** DISCCART	407012.504424677	3758187.5018044	390.20	1.50
** receptor	=B728+1 (sensitive receptor: C687)			
** DISCCART	407012.504424677	3758162.50689204	379.30	1.50
** receptor	=B729+1 (sensitive receptor: C688)			
** DISCCART	407012.504424677	3758137.50198172	379.00	1.50
** receptor	=B730+1 (sensitive receptor: C689)			
** DISCCART	407037.497578738	3758512.50565081	404.80	1.50
** receptor	=B731+1 (sensitive receptor: C690)			
** DISCCART	407037.497578738	3758487.50074049	406.70	1.50
** receptor	=B732+1 (sensitive receptor: C691)			
** DISCCART	407037.497578738	3758462.50582813	406.30	1.50
** receptor	=B733+1 (sensitive receptor: C692)			
** DISCCART	407037.497578738	3758437.50091781	405.90	1.50
** receptor	=B734+1 (sensitive receptor: C693)			
** DISCCART	407037.497578738	3758412.50600545	403.10	1.50
** receptor	=B735+1 (sensitive receptor: C694)			
** DISCCART	407037.497578738	3758387.50109513	399.40	1.50
** receptor	=B736+1 (sensitive receptor: C695)			
** DISCCART	407037.497578738	3758362.50618277	399.40	1.50
** receptor	=B737+1 (sensitive receptor: C696)			
** DISCCART	407037.497578738	3758337.50127244	402.70	1.50
** receptor	=B738+1 (sensitive receptor: C697)			
** DISCCART	407037.497578738	3758312.50636009	402.70	1.50
** receptor	=B739+1 (sensitive receptor: C698)			
** DISCCART	407037.497578738	3758287.50144976	402.70	1.50
** receptor	=B740+1 (sensitive receptor: C699)			
** DISCCART	407037.497578738	3758262.50653741	400.20	1.50
** receptor	=B741+1 (sensitive receptor: C700)			
** DISCCART	407037.497578738	3758237.50162708	397.60	1.50
** receptor	=B742+1 (sensitive receptor: C701)			
** DISCCART	407037.497578738	3758212.50671473	396.50	1.50
** receptor	=B743+1 (sensitive receptor: C702)			
** DISCCART	407037.497578738	3758187.5018044	398.00	1.50
** receptor	=B744+1 (sensitive receptor: C703)			
** DISCCART	407037.497578738	3758162.50689204	398.70	1.50
** receptor	=B745+1 (sensitive receptor: C704)			

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** DISCCART	407037.497578738	3758137.50198172	398.70	1.50
** receptor	=B746+1 (sensitive receptor: C705)			
** DISCCART	407062.498978644	3758512.50565081	406.10	1.50
** receptor	=B747+1 (sensitive receptor: C706)			
** DISCCART	407062.498978644	3758487.50074049	410.90	1.50
** receptor	=B748+1 (sensitive receptor: C707)			
** DISCCART	407062.498978644	3758462.50582813	410.90	1.50
** receptor	=B749+1 (sensitive receptor: C708)			
** DISCCART	407062.498978644	3758437.50091781	410.80	1.50
** receptor	=B750+1 (sensitive receptor: C709)			
** DISCCART	407062.498978644	3758412.50600545	407.60	1.50
** receptor	=B751+1 (sensitive receptor: C710)			
** DISCCART	407062.498978644	3758387.50109513	404.40	1.50
** receptor	=B752+1 (sensitive receptor: C711)			
** DISCCART	407062.498978644	3758362.50618277	404.40	1.50
** receptor	=B753+1 (sensitive receptor: C712)			
** DISCCART	407062.498978644	3758337.50127244	406.70	1.50
** receptor	=B754+1 (sensitive receptor: C713)			
** DISCCART	407062.498978644	3758312.50636009	406.70	1.50
** receptor	=B755+1 (sensitive receptor: C714)			
** DISCCART	407062.498978644	3758287.50144976	404.30	1.50
** receptor	=B756+1 (sensitive receptor: C715)			
** DISCCART	407062.498978644	3758262.50653741	402.20	1.50
** receptor	=B757+1 (sensitive receptor: C716)			
** DISCCART	407062.498978644	3758237.50162708	400.20	1.50
** receptor	=B758+1 (sensitive receptor: C717)			
** DISCCART	407062.498978644	3758212.50671473	402.30	1.50
** receptor	=B759+1 (sensitive receptor: C718)			
** DISCCART	407062.498978644	3758187.5018044	403.40	1.50
** receptor	=B760+1 (sensitive receptor: C719)			
** DISCCART	407062.498978644	3758162.50689204	403.40	1.50
** receptor	=B761+1 (sensitive receptor: C720)			
** DISCCART	407062.498978644	3758137.50198172	403.40	1.50
** receptor	=B762+1 (sensitive receptor: C721)			
** DISCCART	407087.500378549	3758512.50565081	414.30	1.50
** receptor	=B763+1 (sensitive receptor: C722)			
** DISCCART	407087.500378549	3758487.50074049	416.60	1.50
** receptor	=B764+1 (sensitive receptor: C723)			
** DISCCART	407087.500378549	3758462.50582813	419.10	1.50
** receptor	=B765+1 (sensitive receptor: C724)			
** DISCCART	407087.500378549	3758437.50091781	416.50	1.50
** receptor	=B766+1 (sensitive receptor: C725)			
** DISCCART	407087.500378549	3758412.50600545	414.50	1.50
** receptor	=B767+1 (sensitive receptor: C726)			
** DISCCART	407087.500378549	3758387.50109513	412.60	1.50
** receptor	=B768+1 (sensitive receptor: C727)			
** DISCCART	407087.500378549	3758362.50618277	412.60	1.50
** receptor	=B769+1 (sensitive receptor: C728)			
** DISCCART	407087.500378549	3758337.50127244	412.60	1.50
** receptor	=B770+1 (sensitive receptor: C729)			
** DISCCART	407087.500378549	3758312.50636009	412.60	1.50
** receptor	=B771+1 (sensitive receptor: C730)			
** DISCCART	407087.500378549	3758287.50144976	412.50	1.50
** receptor	=B772+1 (sensitive receptor: C731)			
** DISCCART	407087.500378549	3758262.50653741	409.30	1.50
** receptor	=B773+1 (sensitive receptor: C732)			
** DISCCART	407087.500378549	3758237.50162708	406.00	1.50
** receptor	=B774+1 (sensitive receptor: C733)			
** DISCCART	407087.500378549	3758212.50671473	406.00	1.50
** receptor	=B775+1 (sensitive receptor: C734)			
** DISCCART	407087.500378549	3758187.5018044	406.70	1.50
** receptor	=B776+1 (sensitive receptor: C735)			
** DISCCART	407087.500378549	3758162.50689204	406.70	1.50
** receptor	=B777+1 (sensitive receptor: C736)			
** DISCCART	407087.500378549	3758137.50198172	406.70	1.50
** receptor	=B778+1 (sensitive receptor: C737)			
** DISCCART	407112.501778455	3758512.50565081	419.20	1.50
** receptor	=B779+1 (sensitive receptor: C738)			
** DISCCART	407112.501778455	3758487.50074049	424.00	1.50
** receptor	=B780+1 (sensitive receptor: C739)			
** DISCCART	407112.501778455	3758462.50582813	424.00	1.50
** receptor	=B781+1 (sensitive receptor: C740)			
** DISCCART	407112.501778455	3758437.50091781	424.00	1.50
** receptor	=B782+1 (sensitive receptor: C741)			
** DISCCART	407112.501778455	3758412.50600545	420.30	1.50
** receptor	=B783+1 (sensitive receptor: C742)			

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** DISCCART	407112.501778455	3758387.50109513	416.60	1.50
** receptor	=B784+1 (sensitive receptor: C743)			
** DISCCART	407112.501778455	3758362.50618277	416.60	1.50
** receptor	=B785+1 (sensitive receptor: C744)			
** DISCCART	407112.501778455	3758337.50127244	416.60	1.50
** receptor	=B786+1 (sensitive receptor: C745)			
** DISCCART	407112.501778455	3758312.50636009	417.00	1.50
** receptor	=B787+1 (sensitive receptor: C746)			
** DISCCART	407112.501778455	3758287.50144976	417.50	1.50
** receptor	=B788+1 (sensitive receptor: C747)			
** DISCCART	407112.501778455	3758262.50653741	417.00	1.50
** receptor	=B789+1 (sensitive receptor: C748)			
** DISCCART	407112.501778455	3758237.50162708	414.20	1.50
** receptor	=B790+1 (sensitive receptor: C749)			
** DISCCART	407112.501778455	3758212.50671473	413.70	1.50
** receptor	=B791+1 (sensitive receptor: C750)			
** DISCCART	407112.501778455	3758187.5018044	413.30	1.50
** receptor	=B792+1 (sensitive receptor: C751)			
** DISCCART	407112.501778455	3758162.50689204	410.90	1.50
** receptor	=B793+1 (sensitive receptor: C752)			
** DISCCART	407112.501778455	3758137.50198172	407.50	1.50
** receptor	=B794+1 (sensitive receptor: C753)			
** DISCCART	407137.50317836	3758512.50565081	427.40	1.50
** receptor	=B795+1 (sensitive receptor: C754)			
** DISCCART	407137.50317836	3758487.50074049	434.90	1.50
** receptor	=B796+1 (sensitive receptor: C755)			
** DISCCART	407137.50317836	3758462.50582813	435.20	1.50
** receptor	=B797+1 (sensitive receptor: C756)			
** DISCCART	407137.50317836	3758437.50091781	429.00	1.50
** receptor	=B798+1 (sensitive receptor: C757)			
** DISCCART	407137.50317836	3758412.50600545	426.00	1.50
** receptor	=B799+1 (sensitive receptor: C758)			
** DISCCART	407137.50317836	3758387.50109513	422.30	1.50
** receptor	=B800+1 (sensitive receptor: C759)			
** DISCCART	407137.50317836	3758362.50618277	419.80	1.50
** receptor	=B801+1 (sensitive receptor: C760)			
** DISCCART	407137.50317836	3758337.50127244	422.40	1.50
** receptor	=B802+1 (sensitive receptor: C761)			
** DISCCART	407137.50317836	3758312.50636009	422.40	1.50
** receptor	=B803+1 (sensitive receptor: C762)			
** DISCCART	407137.50317836	3758287.50144976	425.70	1.50
** receptor	=B804+1 (sensitive receptor: C763)			
** DISCCART	407137.50317836	3758262.50653741	422.70	1.50
** receptor	=B805+1 (sensitive receptor: C764)			
** DISCCART	407137.50317836	3758237.50162708	422.30	1.50
** receptor	=B806+1 (sensitive receptor: C765)			
** DISCCART	407137.50317836	3758212.50671473	417.80	1.50
** receptor	=B807+1 (sensitive receptor: C766)			
** DISCCART	407137.50317836	3758187.5018044	419.10	1.50
** receptor	=B808+1 (sensitive receptor: C767)			
** DISCCART	407137.50317836	3758162.50689204	419.10	1.50
** receptor	=B809+1 (sensitive receptor: C768)			
** DISCCART	407137.50317836	3758137.50198172	415.70	1.50
** receptor	=B810+1 (sensitive receptor: C769)			
** DISCCART	407162.496332422	3758512.50565081	434.40	1.50
** receptor	=B811+1 (sensitive receptor: C770)			
** DISCCART	407162.496332422	3758487.50074049	441.60	1.50
** receptor	=B812+1 (sensitive receptor: C771)			
** DISCCART	407162.496332422	3758462.50582813	446.20	1.50
** receptor	=B813+1 (sensitive receptor: C772)			
** DISCCART	407162.496332422	3758437.50091781	437.10	1.50
** receptor	=B814+1 (sensitive receptor: C773)			
** DISCCART	407162.496332422	3758412.50600545	432.20	1.50
** receptor	=B815+1 (sensitive receptor: C774)			
** DISCCART	407162.496332422	3758387.50109513	430.50	1.50
** receptor	=B816+1 (sensitive receptor: C775)			
** DISCCART	407162.496332422	3758362.50618277	427.30	1.50
** receptor	=B817+1 (sensitive receptor: C776)			
** DISCCART	407162.496332422	3758337.50127244	427.30	1.50
** receptor	=B818+1 (sensitive receptor: C777)			
** DISCCART	407162.496332422	3758312.50636009	430.60	1.50
** receptor	=B819+1 (sensitive receptor: C778)			
** DISCCART	407162.496332422	3758287.50144976	430.60	1.50
** receptor	=B820+1 (sensitive receptor: C779)			
** DISCCART	407162.496332422	3758262.50653741	430.60	1.50
** receptor	=B821+1 (sensitive receptor: C780)			

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** DISCCART	407162.496332422	3758237.50162708	431.50	1.50
** receptor	=B822+1 (sensitive receptor: C781)			
** DISCCART	407162.496332422	3758212.50671473	432.00	1.50
** receptor	=B823+1 (sensitive receptor: C782)			
** DISCCART	407162.496332422	3758187.5018044	432.40	1.50
** receptor	=B824+1 (sensitive receptor: C783)			
** DISCCART	407162.496332422	3758162.50689204	431.50	1.50
** receptor	=B825+1 (sensitive receptor: C784)			
** DISCCART	407162.496332422	3758137.50198172	424.90	1.50
** receptor	=B826+1 (sensitive receptor: C785)			
** DISCCART	407187.497732327	3758512.50565081	459.60	1.50
** receptor	=B827+1 (sensitive receptor: C786)			
** DISCCART	407187.497732327	3758487.50074049	465.00	1.50
** receptor	=B828+1 (sensitive receptor: C787)			
** DISCCART	407187.497732327	3758462.50582813	457.10	1.50
** receptor	=B829+1 (sensitive receptor: C788)			
** DISCCART	407187.497732327	3758437.50091781	447.90	1.50
** receptor	=B830+1 (sensitive receptor: C789)			
** DISCCART	407187.497732327	3758412.50600545	439.10	1.50
** receptor	=B831+1 (sensitive receptor: C790)			
** DISCCART	407187.497732327	3758387.50109513	435.50	1.50
** receptor	=B832+1 (sensitive receptor: C791)			
** DISCCART	407187.497732327	3758362.50618277	435.50	1.50
** receptor	=B833+1 (sensitive receptor: C792)			
** DISCCART	407187.497732327	3758337.50127244	435.50	1.50
** receptor	=B834+1 (sensitive receptor: C793)			
** DISCCART	407187.497732327	3758312.50636009	435.90	1.50
** receptor	=B835+1 (sensitive receptor: C794)			
** DISCCART	407187.497732327	3758287.50144976	438.80	1.50
** receptor	=B836+1 (sensitive receptor: C795)			
** DISCCART	407187.497732327	3758262.50653741	439.20	1.50
** receptor	=B837+1 (sensitive receptor: C796)			
** DISCCART	407187.497732327	3758237.50162708	442.10	1.50
** receptor	=B838+1 (sensitive receptor: C797)			
** DISCCART	407187.497732327	3758212.50671473	446.70	1.50
** receptor	=B839+1 (sensitive receptor: C798)			
** DISCCART	407187.497732327	3758187.5018044	451.20	1.50
** receptor	=B840+1 (sensitive receptor: C799)			
** DISCCART	407187.497732327	3758162.50689204	449.10	1.50
** receptor	=B841+1 (sensitive receptor: C800)			
** DISCCART	407187.497732327	3758137.50198172	441.30	1.50
** receptor	=B842+1 (sensitive receptor: C801)			
** DISCCART	407212.499132233	3758512.50565081	465.80	1.50
** receptor	=B843+1 (sensitive receptor: C802)			
** DISCCART	407212.499132233	3758487.50074049	466.70	1.50
** receptor	=B844+1 (sensitive receptor: C803)			
** DISCCART	407212.499132233	3758462.50582813	462.90	1.50
** receptor	=B845+1 (sensitive receptor: C804)			
** DISCCART	407212.499132233	3758437.50091781	462.40	1.50
** receptor	=B846+1 (sensitive receptor: C805)			
** DISCCART	407212.499132233	3758412.50600545	451.90	1.50
** receptor	=B847+1 (sensitive receptor: C806)			
** DISCCART	407212.499132233	3758387.50109513	443.70	1.50
** receptor	=B848+1 (sensitive receptor: C807)			
** DISCCART	407212.499132233	3758362.50618277	443.20	1.50
** receptor	=B849+1 (sensitive receptor: C808)			
** DISCCART	407212.499132233	3758337.50127244	442.80	1.50
** receptor	=B850+1 (sensitive receptor: C809)			
** DISCCART	407212.499132233	3758312.50636009	443.20	1.50
** receptor	=B851+1 (sensitive receptor: C810)			
** DISCCART	407212.499132233	3758287.50144976	443.70	1.50
** receptor	=B852+1 (sensitive receptor: C811)			
** DISCCART	407212.499132233	3758262.50653741	446.60	1.50
** receptor	=B853+1 (sensitive receptor: C812)			
** DISCCART	407212.499132233	3758237.50162708	449.50	1.50
** receptor	=B854+1 (sensitive receptor: C813)			
** DISCCART	407212.499132233	3758212.50671473	458.60	1.50
** receptor	=B855+1 (sensitive receptor: C814)			
** DISCCART	407212.499132233	3758187.5018044	462.50	1.50
** receptor	=B856+1 (sensitive receptor: C815)			
** DISCCART	407212.499132233	3758162.50689204	460.80	1.50
** receptor	=B857+1 (sensitive receptor: C816)			
** DISCCART	407212.499132233	3758137.50198172	449.20	1.50
** receptor	=B858+1 (sensitive receptor: C817)			
** DISCCART	407237.500532139	3758512.50565081	469.00	1.50
** receptor	=B859+1 (sensitive receptor: C818)			

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** DISCCART	407237.500532139	3758487.50074049	471.60	1.50
** receptor	=B860+1 (sensitive receptor: C819)			
** DISCCART	407237.500532139	3758462.50582813	471.30	1.50
** receptor	=B861+1 (sensitive receptor: C820)			
** DISCCART	407237.500532139	3758437.50091781	468.30	1.50
** receptor	=B862+1 (sensitive receptor: C821)			
** DISCCART	407237.500532139	3758412.50600545	460.10	1.50
** receptor	=B863+1 (sensitive receptor: C822)			
** DISCCART	407237.500532139	3758387.50109513	451.90	1.50
** receptor	=B864+1 (sensitive receptor: C823)			
** DISCCART	407237.500532139	3758362.50618277	448.60	1.50
** receptor	=B865+1 (sensitive receptor: C824)			
** DISCCART	407237.500532139	3758337.50127244	448.60	1.50
** receptor	=B866+1 (sensitive receptor: C825)			
** DISCCART	407237.500532139	3758312.50636009	450.00	1.50
** receptor	=B867+1 (sensitive receptor: C826)			
** DISCCART	407237.500532139	3758287.50144976	451.90	1.50
** receptor	=B868+1 (sensitive receptor: C827)			
** DISCCART	407237.500532139	3758262.50653741	452.30	1.50
** receptor	=B869+1 (sensitive receptor: C828)			
** DISCCART	407237.500532139	3758237.50162708	452.70	1.50
** receptor	=B870+1 (sensitive receptor: C829)			
** DISCCART	407237.500532139	3758212.50671473	459.60	1.50
** receptor	=B871+1 (sensitive receptor: C830)			
** DISCCART	407237.500532139	3758187.5018044	459.90	1.50
** receptor	=B872+1 (sensitive receptor: C831)			
** DISCCART	407237.500532139	3758162.50689204	454.90	1.50
** receptor	=B873+1 (sensitive receptor: C832)			
** DISCCART	407237.500532139	3758137.50198172	446.70	1.50
** receptor	=B874+1 (sensitive receptor: C833)			
** DISCCART	407262.501932044	3758512.50565081	473.20	1.50
** receptor	=B875+1 (sensitive receptor: C834)			
** DISCCART	407262.501932044	3758487.50074049	475.60	1.50
** receptor	=B876+1 (sensitive receptor: C835)			
** DISCCART	407262.501932044	3758462.50582813	476.10	1.50
** receptor	=B877+1 (sensitive receptor: C836)			
** DISCCART	407262.501932044	3758437.50091781	479.90	1.50
** receptor	=B878+1 (sensitive receptor: C837)			
** DISCCART	407262.501932044	3758412.50600545	475.10	1.50
** receptor	=B879+1 (sensitive receptor: C838)			
** DISCCART	407262.501932044	3758387.50109513	459.10	1.50
** receptor	=B880+1 (sensitive receptor: C839)			
** DISCCART	407262.501932044	3758362.50618277	453.60	1.50
** receptor	=B881+1 (sensitive receptor: C840)			
** DISCCART	407262.501932044	3758337.50127244	453.60	1.50
** receptor	=B882+1 (sensitive receptor: C841)			
** DISCCART	407262.501932044	3758312.50636009	456.80	1.50
** receptor	=B883+1 (sensitive receptor: C842)			
** DISCCART	407262.501932044	3758287.50144976	456.90	1.50
** receptor	=B884+1 (sensitive receptor: C843)			
** DISCCART	407262.501932044	3758262.50653741	459.20	1.50
** receptor	=B885+1 (sensitive receptor: C844)			
** DISCCART	407262.501932044	3758237.50162708	456.80	1.50
** receptor	=B886+1 (sensitive receptor: C845)			
** DISCCART	407262.501932044	3758212.50671473	453.80	1.50
** receptor	=B887+1 (sensitive receptor: C846)			
** DISCCART	407262.501932044	3758187.5018044	451.70	1.50
** receptor	=B888+1 (sensitive receptor: C847)			
** DISCCART	407262.501932044	3758162.50689204	448.30	1.50
** receptor	=B889+1 (sensitive receptor: C848)			
** DISCCART	407262.501932044	3758137.50198172	441.80	1.50
** receptor	=B890+1 (sensitive receptor: C849)			
** DISCCART	407287.50333195	3758512.50565081	479.90	1.50
** receptor	=B891+1 (sensitive receptor: C850)			
** DISCCART	407287.50333195	3758487.50074049	478.20	1.50
** receptor	=B892+1 (sensitive receptor: C851)			
** DISCCART	407287.50333195	3758462.50582813	481.80	1.50
** receptor	=B893+1 (sensitive receptor: C852)			
** DISCCART	407287.50333195	3758437.50091781	484.70	1.50
** receptor	=B894+1 (sensitive receptor: C853)			
** DISCCART	407287.50333195	3758412.50600545	481.80	1.50
** receptor	=B895+1 (sensitive receptor: C854)			
** DISCCART	407287.50333195	3758387.50109513	467.40	1.50
** receptor	=B896+1 (sensitive receptor: C855)			
** DISCCART	407287.50333195	3758362.50618277	457.10	1.50
** receptor	=B897+1 (sensitive receptor: C856)			

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** DISCCART	407287.50333195	3758337.50127244	459.20	1.50
** receptor	=B898+1 (sensitive receptor: C857)			
** DISCCART	407287.50333195	3758312.50636009	461.80	1.50
** receptor	=B899+1 (sensitive receptor: C858)			
** DISCCART	407287.50333195	3758287.50144976	462.50	1.50
** receptor	=B900+1 (sensitive receptor: C859)			
** DISCCART	407287.50333195	3758262.50653741	462.50	1.50
** receptor	=B901+1 (sensitive receptor: C860)			
** DISCCART	407287.50333195	3758237.50162708	455.90	1.50
** receptor	=B902+1 (sensitive receptor: C861)			
** DISCCART	407287.50333195	3758212.50671473	445.80	1.50
** receptor	=B903+1 (sensitive receptor: C862)			
** DISCCART	407287.50333195	3758187.5018044	443.60	1.50
** receptor	=B904+1 (sensitive receptor: C863)			
** DISCCART	407287.50333195	3758162.50689204	445.70	1.50
** receptor	=B905+1 (sensitive receptor: C864)			
** DISCCART	407287.50333195	3758137.50198172	439.50	1.50
** receptor	=B906+1 (sensitive receptor: C865)			
** DISCCART	407312.496486011	3758512.50565081	492.30	1.50
** receptor	=B907+1 (sensitive receptor: C866)			
** DISCCART	407312.496486011	3758487.50074049	496.10	1.50
** receptor	=B908+1 (sensitive receptor: C867)			
** DISCCART	407312.496486011	3758462.50582813	491.20	1.50
** receptor	=B909+1 (sensitive receptor: C868)			
** DISCCART	407312.496486011	3758437.50091781	488.60	1.50
** receptor	=B910+1 (sensitive receptor: C869)			
** DISCCART	407312.496486011	3758412.50600545	485.40	1.50
** receptor	=B911+1 (sensitive receptor: C870)			
** DISCCART	407312.496486011	3758387.50109513	475.50	1.50
** receptor	=B912+1 (sensitive receptor: C871)			
** DISCCART	407312.496486011	3758362.50618277	461.20	1.50
** receptor	=B913+1 (sensitive receptor: C872)			
** DISCCART	407312.496486011	3758337.50127244	459.30	1.50
** receptor	=B914+1 (sensitive receptor: C873)			
** DISCCART	407312.496486011	3758312.50636009	462.00	1.50
** receptor	=B915+1 (sensitive receptor: C874)			
** DISCCART	407312.496486011	3758287.50144976	461.50	1.50
** receptor	=B916+1 (sensitive receptor: C875)			
** DISCCART	407312.496486011	3758262.50653741	456.60	1.50
** receptor	=B917+1 (sensitive receptor: C876)			
** DISCCART	407312.496486011	3758237.50162708	445.10	1.50
** receptor	=B918+1 (sensitive receptor: C877)			
** DISCCART	407312.496486011	3758212.50671473	438.60	1.50
** receptor	=B919+1 (sensitive receptor: C878)			
** DISCCART	407312.496486011	3758187.5018044	438.60	1.50
** receptor	=B920+1 (sensitive receptor: C879)			
** DISCCART	407312.496486011	3758162.50689204	442.80	1.50
** receptor	=B921+1 (sensitive receptor: C880)			
** DISCCART	407312.496486011	3758137.50198172	443.60	1.50
** receptor	=B922+1 (sensitive receptor: C881)			
** DISCCART	407337.497885917	3758512.50565081	502.80	1.50
** receptor	=B923+1 (sensitive receptor: C882)			
** DISCCART	407337.497885917	3758487.50074049	501.80	1.50
** receptor	=B924+1 (sensitive receptor: C883)			
** DISCCART	407337.497885917	3758462.50582813	496.80	1.50
** receptor	=B925+1 (sensitive receptor: C884)			
** DISCCART	407337.497885917	3758437.50091781	491.20	1.50
** receptor	=B926+1 (sensitive receptor: C885)			
** DISCCART	407337.497885917	3758412.50600545	485.40	1.50
** receptor	=B927+1 (sensitive receptor: C886)			
** DISCCART	407337.497885917	3758387.50109513	478.70	1.50
** receptor	=B928+1 (sensitive receptor: C887)			
** DISCCART	407337.497885917	3758362.50618277	460.80	1.50
** receptor	=B929+1 (sensitive receptor: C888)			
** DISCCART	407337.497885917	3758337.50127244	456.60	1.50
** receptor	=B930+1 (sensitive receptor: C889)			
** DISCCART	407337.497885917	3758312.50636009	453.70	1.50
** receptor	=B931+1 (sensitive receptor: C890)			
** DISCCART	407337.497885917	3758287.50144976	450.10	1.50
** receptor	=B932+1 (sensitive receptor: C891)			
** DISCCART	407337.497885917	3758262.50653741	445.50	1.50
** receptor	=B933+1 (sensitive receptor: C892)			
** DISCCART	407337.497885917	3758237.50162708	440.20	1.50
** receptor	=B934+1 (sensitive receptor: C893)			
** DISCCART	407337.497885917	3758212.50671473	434.50	1.50
** receptor	=B935+1 (sensitive receptor: C894)			

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** DISCCART	407337.497885917	3758187.5018044	433.80	1.50
** receptor	=B936+1 (sensitive receptor: C895)			
** DISCCART	407337.497885917	3758162.50689204	441.20	1.50
** receptor	=B937+1 (sensitive receptor: C896)			
** DISCCART	407337.497885917	3758137.50198172	442.90	1.50
** receptor	=B938+1 (sensitive receptor: C897)			
** DISCCART	407362.499285822	3758512.50565081	502.60	1.50
** receptor	=B939+1 (sensitive receptor: C898)			
** DISCCART	407362.499285822	3758487.50074049	501.80	1.50
** receptor	=B940+1 (sensitive receptor: C899)			
** DISCCART	407362.499285822	3758462.50582813	496.80	1.50
** receptor	=B941+1 (sensitive receptor: C900)			
** DISCCART	407362.499285822	3758437.50091781	490.90	1.50
** receptor	=B942+1 (sensitive receptor: C901)			
** DISCCART	407362.499285822	3758412.50600545	485.40	1.50
** receptor	=B943+1 (sensitive receptor: C902)			
** DISCCART	407362.499285822	3758387.50109513	478.80	1.50
** receptor	=B944+1 (sensitive receptor: C903)			
** DISCCART	407362.499285822	3758362.50618277	464.50	1.50
** receptor	=B945+1 (sensitive receptor: C904)			
** DISCCART	407362.499285822	3758337.50127244	456.80	1.50
** receptor	=B946+1 (sensitive receptor: C905)			
** DISCCART	407362.499285822	3758312.50636009	448.10	1.50
** receptor	=B947+1 (sensitive receptor: C906)			
** DISCCART	407362.499285822	3758287.50144976	441.90	1.50
** receptor	=B948+1 (sensitive receptor: C907)			
** DISCCART	407362.499285822	3758262.50653741	436.90	1.50
** receptor	=B949+1 (sensitive receptor: C908)			
** DISCCART	407362.499285822	3758237.50162708	424.60	1.50
** receptor	=B950+1 (sensitive receptor: C909)			
** DISCCART	407362.499285822	3758212.50671473	424.10	1.50
** receptor	=B951+1 (sensitive receptor: C910)			
** DISCCART	407362.499285822	3758187.5018044	421.30	1.50
** receptor	=B952+1 (sensitive receptor: C911)			
** DISCCART	407362.499285822	3758162.50689204	428.40	1.50
** receptor	=B953+1 (sensitive receptor: C912)			
** DISCCART	407362.499285822	3758137.50198172	434.50	1.50
** receptor	=B954+1 (sensitive receptor: C913)			
** DISCCART	407387.500685728	3758512.50565081	498.90	1.50
** receptor	=B955+1 (sensitive receptor: C914)			
** DISCCART	407387.500685728	3758487.50074049	499.30	1.50
** receptor	=B956+1 (sensitive receptor: C915)			
** DISCCART	407387.500685728	3758462.50582813	492.20	1.50
** receptor	=B957+1 (sensitive receptor: C916)			
** DISCCART	407387.500685728	3758437.50091781	483.60	1.50
** receptor	=B958+1 (sensitive receptor: C917)			
** DISCCART	407387.500685728	3758412.50600545	482.50	1.50
** receptor	=B959+1 (sensitive receptor: C918)			
** DISCCART	407387.500685728	3758387.50109513	478.80	1.50
** receptor	=B960+1 (sensitive receptor: C919)			
** DISCCART	407387.500685728	3758362.50618277	467.30	1.50
** receptor	=B961+1 (sensitive receptor: C920)			
** DISCCART	407387.500685728	3758337.50127244	462.40	1.50
** receptor	=B962+1 (sensitive receptor: C921)			
** DISCCART	407387.500685728	3758312.50636009	451.80	1.50
** receptor	=B963+1 (sensitive receptor: C922)			
** DISCCART	407387.500685728	3758287.50144976	442.00	1.50
** receptor	=B964+1 (sensitive receptor: C923)			
** DISCCART	407387.500685728	3758262.50653741	430.80	1.50
** receptor	=B965+1 (sensitive receptor: C924)			
** DISCCART	407387.500685728	3758237.50162708	419.80	1.50
** receptor	=B966+1 (sensitive receptor: C925)			
** DISCCART	407387.500685728	3758212.50671473	408.90	1.50
** receptor	=B967+1 (sensitive receptor: C926)			
** DISCCART	407387.500685728	3758187.5018044	394.30	1.50
** receptor	=B968+1 (sensitive receptor: C927)			
** DISCCART	407387.500685728	3758162.50689204	394.70	1.50
** receptor	=B969+1 (sensitive receptor: C928)			
** DISCCART	407387.500685728	3758137.50198172	398.00	1.50
** receptor	=B970+1 (sensitive receptor: C929)			
** DISCCART	407412.502085634	3758512.50565081	496.20	1.50
** receptor	=B971+1 (sensitive receptor: C930)			
** DISCCART	407412.502085634	3758487.50074049	495.20	1.50
** receptor	=B972+1 (sensitive receptor: C931)			
** DISCCART	407412.502085634	3758462.50582813	487.40	1.50
** receptor	=B973+1 (sensitive receptor: C932)			

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** DISCCART	407412.502085634	3758437.50091781	478.80	1.50
** receptor	=B974+1 (sensitive receptor: C933)			
** DISCCART	407412.502085634	3758412.50600545	475.60	1.50
** receptor	=B975+1 (sensitive receptor: C934)			
** DISCCART	407412.502085634	3758387.50109513	475.60	1.50
** receptor	=B976+1 (sensitive receptor: C935)			
** DISCCART	407412.502085634	3758362.50618277	468.90	1.50
** receptor	=B977+1 (sensitive receptor: C936)			
** DISCCART	407412.502085634	3758337.50127244	462.40	1.50
** receptor	=B978+1 (sensitive receptor: C937)			
** DISCCART	407412.502085634	3758312.50636009	458.40	1.50
** receptor	=B979+1 (sensitive receptor: C938)			
** DISCCART	407412.502085634	3758287.50144976	447.80	1.50
** receptor	=B980+1 (sensitive receptor: C939)			
** DISCCART	407412.502085634	3758262.50653741	438.20	1.50
** receptor	=B981+1 (sensitive receptor: C940)			
** DISCCART	407412.502085634	3758237.50162708	424.90	1.50
** receptor	=B982+1 (sensitive receptor: C941)			
** DISCCART	407412.502085634	3758212.50671473	411.40	1.50
** receptor	=B983+1 (sensitive receptor: C942)			
** DISCCART	407412.502085634	3758187.5018044	399.60	1.50
** receptor	=B984+1 (sensitive receptor: C943)			
** DISCCART	407412.502085634	3758162.50689204	395.00	1.50
** receptor	=B985+1 (sensitive receptor: C944)			
** DISCCART	407412.502085634	3758137.50198172	390.30	1.50
** receptor	=B986+1 (sensitive receptor: C945)			
** DISCCART	407437.495239695	3758512.50565081	503.70	1.50
** receptor	=B987+1 (sensitive receptor: C946)			
** DISCCART	407437.495239695	3758487.50074049	503.70	1.50
** receptor	=B988+1 (sensitive receptor: C947)			
** DISCCART	407437.495239695	3758462.50582813	503.30	1.50
** receptor	=B989+1 (sensitive receptor: C948)			
** DISCCART	407437.495239695	3758437.50091781	494.10	1.50
** receptor	=B990+1 (sensitive receptor: C949)			
** DISCCART	407437.495239695	3758412.50600545	482.30	1.50
** receptor	=B991+1 (sensitive receptor: C950)			
** DISCCART	407437.495239695	3758387.50109513	475.50	1.50
** receptor	=B992+1 (sensitive receptor: C951)			
** DISCCART	407437.495239695	3758362.50618277	469.00	1.50
** receptor	=B993+1 (sensitive receptor: C952)			
** DISCCART	407437.495239695	3758337.50127244	465.80	1.50
** receptor	=B994+1 (sensitive receptor: C953)			
** DISCCART	407437.495239695	3758312.50636009	462.10	1.50
** receptor	=B995+1 (sensitive receptor: C954)			
** DISCCART	407437.495239695	3758287.50144976	458.40	1.50
** receptor	=B996+1 (sensitive receptor: C955)			
** DISCCART	407437.495239695	3758262.50653741	442.80	1.50
** receptor	=B997+1 (sensitive receptor: C956)			
** DISCCART	407437.495239695	3758237.50162708	432.20	1.50
** receptor	=B998+1 (sensitive receptor: C957)			
** DISCCART	407437.495239695	3758212.50671473	427.20	1.50
** receptor	=B999+1 (sensitive receptor: C958)			
** DISCCART	407437.495239695	3758187.5018044	424.90	1.50
** receptor	=B1000+1 (sensitive receptor: C959)			
** DISCCART	407437.495239695	3758162.50689204	420.00	1.50
** receptor	=B1001+1 (sensitive receptor: C960)			
** DISCCART	407437.495239695	3758137.50198172	409.50	1.50
** receptor	=B1002+1 (sensitive receptor: C961)			
** DISCCART	407462.4966396	3758512.50565081	519.20	1.50
** receptor	=B1003+1 (sensitive receptor: C962)			
** DISCCART	407462.4966396	3758487.50074049	519.20	1.50
** receptor	=B1004+1 (sensitive receptor: C963)			
** DISCCART	407462.4966396	3758462.50582813	522.90	1.50
** receptor	=B1005+1 (sensitive receptor: C964)			
** DISCCART	407462.4966396	3758437.50091781	512.40	1.50
** receptor	=B1006+1 (sensitive receptor: C965)			
** DISCCART	407462.4966396	3758412.50600545	490.10	1.50
** receptor	=B1007+1 (sensitive receptor: C966)			
** DISCCART	407462.4966396	3758387.50109513	475.50	1.50
** receptor	=B1008+1 (sensitive receptor: C967)			
** DISCCART	407462.4966396	3758362.50618277	463.10	1.50
** receptor	=B1009+1 (sensitive receptor: C968)			
** DISCCART	407462.4966396	3758337.50127244	461.60	1.50
** receptor	=B1010+1 (sensitive receptor: C969)			
** DISCCART	407462.4966396	3758312.50636009	461.60	1.50
** receptor	=B1011+1 (sensitive receptor: C970)			

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DISCCART 407462.4966396 3758287.50144976 462.50 1.50
 ** receptor =B1012+1 (sensitive receptor: C971)
 DISCCART 407462.4966396 3758262.50653741 456.30 1.50
 ** receptor =B1013+1 (sensitive receptor: C972)
 DISCCART 407462.4966396 3758237.50162708 442.30 1.50
 ** receptor =B1014+1 (sensitive receptor: C973)
 DISCCART 407462.4966396 3758212.50671473 437.60 1.50
 ** receptor =B1015+1 (sensitive receptor: C974)
 DISCCART 407462.4966396 3758187.5018044 434.80 1.50
 ** receptor =B1016+1 (sensitive receptor: C975)
 DISCCART 407462.4966396 3758162.50689204 429.80 1.50
 ** receptor =B1017+1 (sensitive receptor: C976)
 DISCCART 407462.4966396 3758137.50198172 424.90 1.50
 ** receptor =B1018+1 (sensitive receptor: C977)
 DISCCART 407487.498039506 3758512.50565081 518.10 1.50
 ** receptor =B1019+1 (sensitive receptor: C978)
 DISCCART 407487.498039506 3758487.50074049 528.10 1.50
 ** receptor =B1020+1 (sensitive receptor: C979)
 DISCCART 407487.498039506 3758462.50582813 526.70 1.50
 ** receptor =B1021+1 (sensitive receptor: C980)
 DISCCART 407487.498039506 3758437.50091781 512.20 1.50
 ** receptor =B1022+1 (sensitive receptor: C981)
 DISCCART 407487.498039506 3758412.50600545 488.90 1.50
 ** receptor =B1023+1 (sensitive receptor: C982)
 DISCCART 407487.498039506 3758387.50109513 472.90 1.50
 ** receptor =B1024+1 (sensitive receptor: C983)
 DISCCART 407487.498039506 3758362.50618277 462.10 1.50
 ** receptor =B1025+1 (sensitive receptor: C984)
 DISCCART 407487.498039506 3758337.50127244 459.20 1.50
 ** receptor =B1026+1 (sensitive receptor: C985)
 DISCCART 407487.498039506 3758312.50636009 459.20 1.50
 ** receptor =B1027+1 (sensitive receptor: C986)
 DISCCART 407487.498039506 3758287.50144976 461.80 1.50
 ** receptor =B1028+1 (sensitive receptor: C987)
 DISCCART 407487.498039506 3758262.50653741 461.80 1.50
 ** receptor =B1029+1 (sensitive receptor: C988)
 DISCCART 407487.498039506 3758237.50162708 458.50 1.50
 ** receptor =B1030+1 (sensitive receptor: C989)
 DISCCART 407487.498039506 3758212.50671473 454.80 1.50
 ** receptor =B1031+1 (sensitive receptor: C990)
 DISCCART 407487.498039506 3758187.5018044 447.90 1.50
 ** receptor =B1032+1 (sensitive receptor: C991)
 DISCCART 407487.498039506 3758162.50689204 444.60 1.50
 ** receptor =B1033+1 (sensitive receptor: C992)
 DISCCART 407487.498039506 3758137.50198172 441.30 1.50
 ** receptor =B1034+1 (sensitive receptor: C993)
 DISCCART 407512.499439412 3758512.50565081 491.60 1.50
 ** receptor =B1035+1 (sensitive receptor: C994)
 DISCCART 407512.499439412 3758487.50074049 495.00 1.50
 ** receptor =B1036+1 (sensitive receptor: C995)
 DISCCART 407512.499439412 3758462.50582813 504.30 1.50
 ** receptor =B1037+1 (sensitive receptor: C996)
 DISCCART 407512.499439412 3758437.50091781 496.60 1.50
 ** receptor =B1038+1 (sensitive receptor: C997)
 DISCCART 407512.499439412 3758412.50600545 478.90 1.50
 ** receptor =B1039+1 (sensitive receptor: C998)
 DISCCART 407512.499439412 3758387.50109513 468.00 1.50
 ** receptor =B1040+1 (sensitive receptor: C999)
 DISCCART 407512.499439412 3758362.50618277 462.00 1.50
 ** receptor =B1041+1 (sensitive receptor: C1000)
 DISCCART 407512.499439412 3758337.50127244 466.70 1.50
 ** receptor =B1042+1 (sensitive receptor: C1001)
 DISCCART 407512.499439412 3758312.50636009 467.10 1.50
 ** receptor =B1043+1 (sensitive receptor: C1002)
 DISCCART 407512.499439412 3758287.50144976 466.70 1.50
 ** receptor =B1044+1 (sensitive receptor: C1003)
 DISCCART 407512.499439412 3758262.50653741 466.70 1.50
 ** receptor =B1045+1 (sensitive receptor: C1004)
 DISCCART 407512.499439412 3758237.50162708 463.40 1.50
 ** receptor =B1046+1 (sensitive receptor: C1005)
 DISCCART 407512.499439412 3758212.50671473 463.40 1.50
 ** receptor =B1047+1 (sensitive receptor: C1006)
 DISCCART 407512.499439412 3758187.5018044 461.00 1.50
 ** receptor =B1048+1 (sensitive receptor: C1007)
 DISCCART 407512.499439412 3758162.50689204 459.30 1.50
 ** receptor =B1049+1 (sensitive receptor: C1008)

Appendix B

PM Annual Emissions unmitigated

DISCCART 407512.499439412 3758137.50198172 453.60 1.50
 ** receptor =B1050+1 (sensitive receptor: C1009)
 DISCCART 407537.500839317 3758512.50565081 0.00 1.50
 ** receptor =B1051+1 (sensitive receptor: C1010)
 DISCCART 407537.500839317 3758487.50074049 0.00 1.50
 ** receptor =B1052+1 (sensitive receptor: C1011)
 DISCCART 407537.500839317 3758462.50582813 0.00 1.50
 ** receptor =B1053+1 (sensitive receptor: C1012)
 DISCCART 407537.500839317 3758437.50091781 0.00 1.50
 ** receptor =B1054+1 (sensitive receptor: C1013)
 DISCCART 407537.500839317 3758412.50600545 0.00 1.50
 ** receptor =B1055+1 (sensitive receptor: C1014)
 DISCCART 407537.500839317 3758387.50109513 0.00 1.50
 ** receptor =B1056+1 (sensitive receptor: C1015)
 DISCCART 407537.500839317 3758362.50618277 0.00 1.50
 ** receptor =B1057+1 (sensitive receptor: C1016)
 DISCCART 407537.500839317 3758337.50127244 0.00 1.50
 ** receptor =B1058+1 (sensitive receptor: C1017)
 DISCCART 407537.500839317 3758312.50636009 0.00 1.50
 ** receptor =B1059+1 (sensitive receptor: C1018)
 DISCCART 407537.500839317 3758287.50144976 0.00 1.50
 ** receptor =B1060+1 (sensitive receptor: C1019)
 DISCCART 407537.500839317 3758262.50653741 0.00 1.50
 ** receptor =B1061+1 (sensitive receptor: C1020)
 DISCCART 407537.500839317 3758237.50162708 0.00 1.50
 ** receptor =B1062+1 (sensitive receptor: C1021)
 DISCCART 407537.500839317 3758212.50671473 0.00 1.50
 ** receptor =B1063+1 (sensitive receptor: C1022)
 DISCCART 407537.500839317 3758187.5018044 0.00 1.50
 ** receptor =B1064+1 (sensitive receptor: C1023)
 DISCCART 407537.500839317 3758162.50689204 0.00 1.50
 ** receptor =B1065+1 (sensitive receptor: C1024)
 DISCCART 407537.500839317 3758137.50198172 0.00 1.50
 ** receptor =B1066+1 (sensitive receptor: C1025)
 DISCCART 407562.502239223 3758512.50565081 0.00 1.50
 ** receptor =B1067+1 (sensitive receptor: C1026)
 DISCCART 407562.502239223 3758487.50074049 0.00 1.50
 ** receptor =B1068+1 (sensitive receptor: C1027)
 DISCCART 407562.502239223 3758462.50582813 0.00 1.50
 ** receptor =B1069+1 (sensitive receptor: C1028)
 DISCCART 407562.502239223 3758437.50091781 0.00 1.50
 ** receptor =B1070+1 (sensitive receptor: C1029)
 DISCCART 407562.502239223 3758412.50600545 0.00 1.50
 ** receptor =B1071+1 (sensitive receptor: C1030)
 DISCCART 407562.502239223 3758387.50109513 0.00 1.50
 ** receptor =B1072+1 (sensitive receptor: C1031)
 DISCCART 407562.502239223 3758362.50618277 0.00 1.50
 ** receptor =B1073+1 (sensitive receptor: C1032)
 DISCCART 407562.502239223 3758337.50127244 0.00 1.50
 ** receptor =B1074+1 (sensitive receptor: C1033)
 DISCCART 407562.502239223 3758312.50636009 0.00 1.50
 ** receptor =B1075+1 (sensitive receptor: C1034)
 DISCCART 407562.502239223 3758287.50144976 0.00 1.50
 ** receptor =B1076+1 (sensitive receptor: C1035)
 DISCCART 407562.502239223 3758262.50653741 0.00 1.50
 ** receptor =B1077+1 (sensitive receptor: C1036)
 DISCCART 407562.502239223 3758237.50162708 0.00 1.50
 ** receptor =B1078+1 (sensitive receptor: C1037)
 DISCCART 407562.502239223 3758212.50671473 0.00 1.50
 ** receptor =B1079+1 (sensitive receptor: C1038)
 DISCCART 407562.502239223 3758187.5018044 0.00 1.50
 ** receptor =B1080+1 (sensitive receptor: C1039)
 DISCCART 407562.502239223 3758162.50689204 0.00 1.50
 ** receptor =B1081+1 (sensitive receptor: C1040)
 DISCCART 407562.502239223 3758137.50198172 0.00 1.50
 ** receptor =B1082+1 (sensitive receptor: C1041)
 DISCCART 407587.495393284 3758512.50565081 0.00 1.50
 ** receptor =B1083+1 (sensitive receptor: C1042)
 DISCCART 407587.495393284 3758487.50074049 0.00 1.50
 ** receptor =B1084+1 (sensitive receptor: C1043)
 DISCCART 407587.495393284 3758462.50582813 0.00 1.50
 ** receptor =B1085+1 (sensitive receptor: C1044)
 DISCCART 407587.495393284 3758437.50091781 0.00 1.50
 ** receptor =B1086+1 (sensitive receptor: C1045)
 DISCCART 407587.495393284 3758412.50600545 0.00 1.50
 ** receptor =B1087+1 (sensitive receptor: C1046)

Appendix B

PM Annual Emissions unmitigated

DISCCART 407587.495393284 3758387.50109513 0.00 1.50
 ** receptor =B1088+1 (sensitive receptor: C1047)
 DISCCART 407587.495393284 3758362.50618277 0.00 1.50
 ** receptor =B1089+1 (sensitive receptor: C1048)
 DISCCART 407587.495393284 3758337.50127244 0.00 1.50
 ** receptor =B1090+1 (sensitive receptor: C1049)
 DISCCART 407587.495393284 3758312.50636009 0.00 1.50
 ** receptor =B1091+1 (sensitive receptor: C1050)
 DISCCART 407587.495393284 3758287.50144976 0.00 1.50
 ** receptor =B1092+1 (sensitive receptor: C1051)
 DISCCART 407587.495393284 3758262.50653741 0.00 1.50
 ** receptor =B1093+1 (sensitive receptor: C1052)
 DISCCART 407587.495393284 3758237.50162708 0.00 1.50
 ** receptor =B1094+1 (sensitive receptor: C1053)
 DISCCART 407587.495393284 3758212.50671473 0.00 1.50
 ** receptor =B1095+1 (sensitive receptor: C1054)
 DISCCART 407587.495393284 3758187.5018044 0.00 1.50
 ** receptor =B1096+1 (sensitive receptor: C1055)
 DISCCART 407587.495393284 3758162.50689204 0.00 1.50
 ** receptor =B1097+1 (sensitive receptor: C1056)
 DISCCART 407587.495393284 3758137.50198172 0.00 1.50
 ** receptor =B1098+1 (sensitive receptor: C1057)
 DISCCART 407612.49679319 3758512.50565081 0.00 1.50
 ** receptor =B1099+1 (sensitive receptor: C1058)
 DISCCART 407612.49679319 3758487.50074049 0.00 1.50
 ** receptor =B1100+1 (sensitive receptor: C1059)
 DISCCART 407612.49679319 3758462.50582813 0.00 1.50
 ** receptor =B1101+1 (sensitive receptor: C1060)
 DISCCART 407612.49679319 3758437.50091781 0.00 1.50
 ** receptor =B1102+1 (sensitive receptor: C1061)
 DISCCART 407612.49679319 3758412.50600545 0.00 1.50
 ** receptor =B1103+1 (sensitive receptor: C1062)
 DISCCART 407612.49679319 3758387.50109513 0.00 1.50
 ** receptor =B1104+1 (sensitive receptor: C1063)
 DISCCART 407612.49679319 3758362.50618277 0.00 1.50
 ** receptor =B1105+1 (sensitive receptor: C1064)
 DISCCART 407612.49679319 3758337.50127244 0.00 1.50
 ** receptor =B1106+1 (sensitive receptor: C1065)
 DISCCART 407612.49679319 3758312.50636009 0.00 1.50
 ** receptor =B1107+1 (sensitive receptor: C1066)
 DISCCART 407612.49679319 3758287.50144976 0.00 1.50
 ** receptor =B1108+1 (sensitive receptor: C1067)
 DISCCART 407612.49679319 3758262.50653741 0.00 1.50
 ** receptor =B1109+1 (sensitive receptor: C1068)
 DISCCART 407612.49679319 3758237.50162708 0.00 1.50
 ** receptor =B1110+1 (sensitive receptor: C1069)
 DISCCART 407612.49679319 3758212.50671473 0.00 1.50
 ** receptor =B1111+1 (sensitive receptor: C1070)
 DISCCART 407612.49679319 3758187.5018044 0.00 1.50
 ** receptor =B1112+1 (sensitive receptor: C1071)
 DISCCART 407612.49679319 3758162.50689204 0.00 1.50
 ** receptor =B1113+1 (sensitive receptor: C1072)
 DISCCART 407612.49679319 3758137.50198172 0.00 1.50
 ** receptor =B1114+1 (sensitive receptor: C1073)
 DISCCART 407637.498193095 3758512.50565081 0.00 1.50
 ** receptor =B1115+1 (sensitive receptor: C1074)
 DISCCART 407637.498193095 3758487.50074049 0.00 1.50
 ** receptor =B1116+1 (sensitive receptor: C1075)
 DISCCART 407637.498193095 3758462.50582813 0.00 1.50
 ** receptor =B1117+1 (sensitive receptor: C1076)
 DISCCART 407637.498193095 3758437.50091781 0.00 1.50
 ** receptor =B1118+1 (sensitive receptor: C1077)
 DISCCART 407637.498193095 3758412.50600545 0.00 1.50
 ** receptor =B1119+1 (sensitive receptor: C1078)
 DISCCART 407637.498193095 3758387.50109513 0.00 1.50
 ** receptor =B1120+1 (sensitive receptor: C1079)
 DISCCART 407637.498193095 3758362.50618277 0.00 1.50
 ** receptor =B1121+1 (sensitive receptor: C1080)
 DISCCART 407637.498193095 3758337.50127244 0.00 1.50
 ** receptor =B1122+1 (sensitive receptor: C1081)
 DISCCART 407637.498193095 3758312.50636009 0.00 1.50
 ** receptor =B1123+1 (sensitive receptor: C1082)
 DISCCART 407637.498193095 3758287.50144976 0.00 1.50
 ** receptor =B1124+1 (sensitive receptor: C1083)
 DISCCART 407637.498193095 3758262.50653741 0.00 1.50
 ** receptor =B1125+1 (sensitive receptor: C1084)

Appendix B

PM Annual Emissions unmitigated

DISCCART 407637.498193095 3758237.50162708 0.00 1.50
 ** receptor =B1126+1 (sensitive receptor: C1085)
 DISCCART 407637.498193095 3758212.50671473 0.00 1.50
 ** receptor =B1127+1 (sensitive receptor: C1086)
 DISCCART 407637.498193095 3758187.5018044 0.00 1.50
 ** receptor =B1128+1 (sensitive receptor: C1087)
 DISCCART 407637.498193095 3758162.50689204 0.00 1.50
 ** receptor =B1129+1 (sensitive receptor: C1088)
 DISCCART 407637.498193095 3758137.50198172 0.00 1.50
 ** receptor =B1130+1 (sensitive receptor: C1089)
 DISCCART 407662.499593001 3758512.50565081 0.00 1.50
 ** receptor =B1131+1 (sensitive receptor: C1090)
 DISCCART 407662.499593001 3758487.50074049 0.00 1.50
 ** receptor =B1132+1 (sensitive receptor: C1091)
 DISCCART 407662.499593001 3758462.50582813 0.00 1.50
 ** receptor =B1133+1 (sensitive receptor: C1092)
 DISCCART 407662.499593001 3758437.50091781 0.00 1.50
 ** receptor =B1134+1 (sensitive receptor: C1093)
 DISCCART 407662.499593001 3758412.50600545 0.00 1.50
 ** receptor =B1135+1 (sensitive receptor: C1094)
 DISCCART 407662.499593001 3758387.50109513 0.00 1.50
 ** receptor =B1136+1 (sensitive receptor: C1095)
 DISCCART 407662.499593001 3758362.50618277 0.00 1.50
 ** receptor =B1137+1 (sensitive receptor: C1096)
 DISCCART 407662.499593001 3758337.50127244 0.00 1.50
 ** receptor =B1138+1 (sensitive receptor: C1097)
 DISCCART 407662.499593001 3758312.50636009 0.00 1.50
 ** receptor =B1139+1 (sensitive receptor: C1098)
 DISCCART 407662.499593001 3758287.50144976 0.00 1.50
 ** receptor =B1140+1 (sensitive receptor: C1099)
 DISCCART 407662.499593001 3758262.50653741 0.00 1.50
 ** receptor =B1141+1 (sensitive receptor: C1100)
 DISCCART 407662.499593001 3758237.50162708 0.00 1.50
 ** receptor =B1142+1 (sensitive receptor: C1101)
 DISCCART 407662.499593001 3758212.50671473 0.00 1.50
 ** receptor =B1143+1 (sensitive receptor: C1102)
 DISCCART 407662.499593001 3758187.5018044 0.00 1.50
 ** receptor =B1144+1 (sensitive receptor: C1103)
 DISCCART 407662.499593001 3758162.50689204 0.00 1.50
 ** receptor =B1145+1 (sensitive receptor: C1104)
 DISCCART 407662.499593001 3758137.50198172 0.00 1.50
 ** receptor =B1146+1 (sensitive receptor: C1105)
 DISCCART 407687.500992907 3758512.50565081 0.00 1.50
 ** receptor =B1147+1 (sensitive receptor: C1106)
 DISCCART 407687.500992907 3758487.50074049 0.00 1.50
 ** receptor =B1148+1 (sensitive receptor: C1107)
 DISCCART 407687.500992907 3758462.50582813 0.00 1.50
 ** receptor =B1149+1 (sensitive receptor: C1108)
 DISCCART 407687.500992907 3758437.50091781 0.00 1.50
 ** receptor =B1150+1 (sensitive receptor: C1109)
 DISCCART 407687.500992907 3758412.50600545 0.00 1.50
 ** receptor =B1151+1 (sensitive receptor: C1110)
 DISCCART 407687.500992907 3758387.50109513 0.00 1.50
 ** receptor =B1152+1 (sensitive receptor: C1111)
 DISCCART 407687.500992907 3758362.50618277 0.00 1.50
 ** receptor =B1153+1 (sensitive receptor: C1112)
 DISCCART 407687.500992907 3758337.50127244 0.00 1.50
 ** receptor =B1154+1 (sensitive receptor: C1113)
 DISCCART 407687.500992907 3758312.50636009 0.00 1.50
 ** receptor =B1155+1 (sensitive receptor: C1114)
 DISCCART 407687.500992907 3758287.50144976 0.00 1.50
 ** receptor =B1156+1 (sensitive receptor: C1115)
 DISCCART 407687.500992907 3758262.50653741 0.00 1.50
 ** receptor =B1157+1 (sensitive receptor: C1116)
 DISCCART 407687.500992907 3758237.50162708 0.00 1.50
 ** receptor =B1158+1 (sensitive receptor: C1117)
 DISCCART 407687.500992907 3758212.50671473 0.00 1.50
 ** receptor =B1159+1 (sensitive receptor: C1118)
 DISCCART 407687.500992907 3758187.5018044 0.00 1.50
 ** receptor =B1160+1 (sensitive receptor: C1119)
 DISCCART 407687.500992907 3758162.50689204 0.00 1.50
 ** receptor =B1161+1 (sensitive receptor: C1120)
 DISCCART 407687.500992907 3758137.50198172 0.00 1.50
 ** receptor =B1162+1 (sensitive receptor: C1121)
 DISCCART 407712.502392812 3758512.50565081 0.00 1.50
 ** receptor =B1163+1 (sensitive receptor: C1122)

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PM Annual Emissions unmitigated

DISCCART 407712.502392812 3758487.50074049 0.00 1.50
 ** receptor =B1164+1 (sensitive receptor: C1123)
 DISCCART 407712.502392812 3758462.50582813 0.00 1.50
 ** receptor =B1165+1 (sensitive receptor: C1124)
 DISCCART 407712.502392812 3758437.50091781 0.00 1.50
 ** receptor =B1166+1 (sensitive receptor: C1125)
 DISCCART 407712.502392812 3758412.50600545 0.00 1.50
 ** receptor =B1167+1 (sensitive receptor: C1126)
 DISCCART 407712.502392812 3758387.50109513 0.00 1.50
 ** receptor =B1168+1 (sensitive receptor: C1127)
 DISCCART 407712.502392812 3758362.50618277 0.00 1.50
 ** receptor =B1169+1 (sensitive receptor: C1128)
 DISCCART 407712.502392812 3758337.50127244 0.00 1.50
 ** receptor =B1170+1 (sensitive receptor: C1129)
 DISCCART 407712.502392812 3758312.50636009 0.00 1.50
 ** receptor =B1171+1 (sensitive receptor: C1130)
 DISCCART 407712.502392812 3758287.50144976 0.00 1.50
 ** receptor =B1172+1 (sensitive receptor: C1131)
 DISCCART 407712.502392812 3758262.50653741 0.00 1.50
 ** receptor =B1173+1 (sensitive receptor: C1132)
 DISCCART 407712.502392812 3758237.50162708 0.00 1.50
 ** receptor =B1174+1 (sensitive receptor: C1133)
 DISCCART 407712.502392812 3758212.50671473 0.00 1.50
 ** receptor =B1175+1 (sensitive receptor: C1134)
 DISCCART 407712.502392812 3758187.5018044 0.00 1.50
 ** receptor =B1176+1 (sensitive receptor: C1135)
 DISCCART 407712.502392812 3758162.50689204 0.00 1.50
 ** receptor =B1177+1 (sensitive receptor: C1136)
 DISCCART 407712.502392812 3758137.50198172 0.00 1.50
 ** receptor =B1178+1 (sensitive receptor: C1137)
 DISCCART 407737.495546874 3758512.50565081 0.00 1.50
 ** receptor =B1179+1 (sensitive receptor: C1138)
 DISCCART 407737.495546874 3758487.50074049 0.00 1.50
 ** receptor =B1180+1 (sensitive receptor: C1139)
 DISCCART 407737.495546874 3758462.50582813 0.00 1.50
 ** receptor =B1181+1 (sensitive receptor: C1140)
 DISCCART 407737.495546874 3758437.50091781 0.00 1.50
 ** receptor =B1182+1 (sensitive receptor: C1141)
 DISCCART 407737.495546874 3758412.50600545 0.00 1.50
 ** receptor =B1183+1 (sensitive receptor: C1142)
 DISCCART 407737.495546874 3758387.50109513 0.00 1.50
 ** receptor =B1184+1 (sensitive receptor: C1143)
 DISCCART 407737.495546874 3758362.50618277 0.00 1.50
 ** receptor =B1185+1 (sensitive receptor: C1144)
 DISCCART 407737.495546874 3758337.50127244 0.00 1.50
 ** receptor =B1186+1 (sensitive receptor: C1145)
 DISCCART 407737.495546874 3758312.50636009 0.00 1.50
 ** receptor =B1187+1 (sensitive receptor: C1146)
 DISCCART 407737.495546874 3758287.50144976 0.00 1.50
 ** receptor =B1188+1 (sensitive receptor: C1147)
 DISCCART 407737.495546874 3758262.50653741 0.00 1.50
 ** receptor =B1189+1 (sensitive receptor: C1148)
 DISCCART 407737.495546874 3758237.50162708 0.00 1.50
 ** receptor =B1190+1 (sensitive receptor: C1149)
 DISCCART 407737.495546874 3758212.50671473 0.00 1.50
 ** receptor =B1191+1 (sensitive receptor: C1150)
 DISCCART 407737.495546874 3758187.5018044 0.00 1.50
 ** receptor =B1192+1 (sensitive receptor: C1151)
 DISCCART 407737.495546874 3758162.50689204 0.00 1.50
 ** receptor =B1193+1 (sensitive receptor: C1152)
 DISCCART 407737.495546874 3758137.50198172 0.00 1.50
 ** receptor =B1194+1 (sensitive receptor: C1153)
 DISCCART 407762.496946779 3758512.50565081 0.00 1.50
 ** receptor =B1195+1 (sensitive receptor: C1154)
 DISCCART 407762.496946779 3758487.50074049 0.00 1.50
 ** receptor =B1196+1 (sensitive receptor: C1155)
 DISCCART 407762.496946779 3758462.50582813 0.00 1.50
 ** receptor =B1197+1 (sensitive receptor: C1156)
 DISCCART 407762.496946779 3758437.50091781 0.00 1.50
 ** receptor =B1198+1 (sensitive receptor: C1157)
 DISCCART 407762.496946779 3758412.50600545 0.00 1.50
 ** receptor =B1199+1 (sensitive receptor: C1158)
 DISCCART 407762.496946779 3758387.50109513 0.00 1.50
 ** receptor =B1200+1 (sensitive receptor: C1159)
 DISCCART 407762.496946779 3758362.50618277 0.00 1.50
 ** receptor =B1201+1 (sensitive receptor: C1160)

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DISCCART 407762.496946779 3758337.50127244 0.00 1.50
 ** receptor =B1202+1 (sensitive receptor: C1161)
 DISCCART 407762.496946779 3758312.50636009 0.00 1.50
 ** receptor =B1203+1 (sensitive receptor: C1162)
 DISCCART 407762.496946779 3758287.50144976 0.00 1.50
 ** receptor =B1204+1 (sensitive receptor: C1163)
 DISCCART 407762.496946779 3758262.50653741 0.00 1.50
 ** receptor =B1205+1 (sensitive receptor: C1164)
 DISCCART 407762.496946779 3758237.50162708 0.00 1.50
 ** receptor =B1206+1 (sensitive receptor: C1165)
 DISCCART 407762.496946779 3758212.50671473 0.00 1.50
 ** receptor =B1207+1 (sensitive receptor: C1166)
 DISCCART 407762.496946779 3758187.5018044 0.00 1.50
 ** receptor =B1208+1 (sensitive receptor: C1167)
 DISCCART 407762.496946779 3758162.50689204 0.00 1.50
 ** receptor =B1209+1 (sensitive receptor: C1168)
 DISCCART 407762.496946779 3758137.50198172 0.00 1.50
 ** receptor =B1210+1 (sensitive receptor: C1169)
 DISCCART 407787.498346685 3758512.50565081 0.00 1.50
 ** receptor =B1211+1 (sensitive receptor: C1170)
 DISCCART 407787.498346685 3758487.50074049 0.00 1.50
 ** receptor =B1212+1 (sensitive receptor: C1171)
 DISCCART 407787.498346685 3758462.50582813 0.00 1.50
 ** receptor =B1213+1 (sensitive receptor: C1172)
 DISCCART 407787.498346685 3758437.50091781 0.00 1.50
 ** receptor =B1214+1 (sensitive receptor: C1173)
 DISCCART 407787.498346685 3758412.50600545 0.00 1.50
 ** receptor =B1215+1 (sensitive receptor: C1174)
 DISCCART 407787.498346685 3758387.50109513 0.00 1.50
 ** receptor =B1216+1 (sensitive receptor: C1175)
 DISCCART 407787.498346685 3758362.50618277 0.00 1.50
 ** receptor =B1217+1 (sensitive receptor: C1176)
 DISCCART 407787.498346685 3758337.50127244 0.00 1.50
 ** receptor =B1218+1 (sensitive receptor: C1177)
 DISCCART 407787.498346685 3758312.50636009 0.00 1.50
 ** receptor =B1219+1 (sensitive receptor: C1178)
 DISCCART 407787.498346685 3758287.50144976 0.00 1.50
 ** receptor =B1220+1 (sensitive receptor: C1179)
 DISCCART 407787.498346685 3758262.50653741 0.00 1.50
 ** receptor =B1221+1 (sensitive receptor: C1180)
 DISCCART 407787.498346685 3758237.50162708 0.00 1.50
 ** receptor =B1222+1 (sensitive receptor: C1181)
 DISCCART 407787.498346685 3758212.50671473 0.00 1.50
 ** receptor =B1223+1 (sensitive receptor: C1182)
 DISCCART 407787.498346685 3758187.5018044 0.00 1.50
 ** receptor =B1224+1 (sensitive receptor: C1183)
 DISCCART 407787.498346685 3758162.50689204 0.00 1.50
 ** receptor =B1225+1 (sensitive receptor: C1184)
 DISCCART 407787.498346685 3758137.50198172 0.00 1.50
 ** receptor =B1226+1 (sensitive receptor: C1185)
 DISCCART 407812.49974659 3758512.50565081 0.00 1.50
 ** receptor =B1227+1 (sensitive receptor: C1186)
 DISCCART 407812.49974659 3758487.50074049 0.00 1.50
 ** receptor =B1228+1 (sensitive receptor: C1187)
 DISCCART 407812.49974659 3758462.50582813 0.00 1.50
 ** receptor =B1229+1 (sensitive receptor: C1188)
 DISCCART 407812.49974659 3758437.50091781 0.00 1.50
 ** receptor =B1230+1 (sensitive receptor: C1189)
 DISCCART 407812.49974659 3758412.50600545 0.00 1.50
 ** receptor =B1231+1 (sensitive receptor: C1190)
 DISCCART 407812.49974659 3758387.50109513 0.00 1.50
 ** receptor =B1232+1 (sensitive receptor: C1191)
 DISCCART 407812.49974659 3758362.50618277 0.00 1.50
 ** receptor =B1233+1 (sensitive receptor: C1192)
 DISCCART 407812.49974659 3758337.50127244 0.00 1.50
 ** receptor =B1234+1 (sensitive receptor: C1193)
 DISCCART 407812.49974659 3758312.50636009 0.00 1.50
 ** receptor =B1235+1 (sensitive receptor: C1194)
 DISCCART 407812.49974659 3758287.50144976 0.00 1.50
 ** receptor =B1236+1 (sensitive receptor: C1195)
 DISCCART 407812.49974659 3758262.50653741 0.00 1.50
 ** receptor =B1237+1 (sensitive receptor: C1196)
 DISCCART 407812.49974659 3758237.50162708 0.00 1.50
 ** receptor =B1238+1 (sensitive receptor: C1197)
 DISCCART 407812.49974659 3758212.50671473 0.00 1.50
 ** receptor =B1239+1 (sensitive receptor: C1198)

Appendix B

PM Annual Emissions unmitigated

DISCCART 407812.49974659 3758187.5018044 0.00 1.50
 ** receptor =B1240+1 (sensitive receptor: C1199)
 DISCCART 407812.49974659 3758162.50689204 0.00 1.50
 ** receptor =B1241+1 (sensitive receptor: C1200)
 DISCCART 407812.49974659 3758137.50198172 0.00 1.50
 ** receptor =B1242+1 (sensitive receptor: C1201)
 DISCCART 407837.501146496 3758512.50565081 0.00 1.50
 ** receptor =B1243+1 (sensitive receptor: C1202)
 DISCCART 407837.501146496 3758487.50074049 0.00 1.50
 ** receptor =B1244+1 (sensitive receptor: C1203)
 DISCCART 407837.501146496 3758462.50582813 0.00 1.50
 ** receptor =B1245+1 (sensitive receptor: C1204)
 DISCCART 407837.501146496 3758437.50091781 0.00 1.50
 ** receptor =B1246+1 (sensitive receptor: C1205)
 DISCCART 407837.501146496 3758412.50600545 0.00 1.50
 ** receptor =B1247+1 (sensitive receptor: C1206)
 DISCCART 407837.501146496 3758387.50109513 0.00 1.50
 ** receptor =B1248+1 (sensitive receptor: C1207)
 DISCCART 407837.501146496 3758362.50618277 0.00 1.50
 ** receptor =B1249+1 (sensitive receptor: C1208)
 DISCCART 407837.501146496 3758337.50127244 0.00 1.50
 ** receptor =B1250+1 (sensitive receptor: C1209)
 DISCCART 407837.501146496 3758312.50636009 0.00 1.50
 ** receptor =B1251+1 (sensitive receptor: C1210)
 DISCCART 407837.501146496 3758287.50144976 0.00 1.50
 ** receptor =B1252+1 (sensitive receptor: C1211)
 DISCCART 407837.501146496 3758262.50653741 0.00 1.50
 ** receptor =B1253+1 (sensitive receptor: C1212)
 DISCCART 407837.501146496 3758237.50162708 0.00 1.50
 ** receptor =B1254+1 (sensitive receptor: C1213)
 DISCCART 407837.501146496 3758212.50671473 0.00 1.50
 ** receptor =B1255+1 (sensitive receptor: C1214)
 DISCCART 407837.501146496 3758187.5018044 0.00 1.50
 ** receptor =B1256+1 (sensitive receptor: C1215)
 DISCCART 407837.501146496 3758162.50689204 0.00 1.50
 ** receptor =B1257+1 (sensitive receptor: C1216)
 DISCCART 407837.501146496 3758137.50198172 0.00 1.50
 ** receptor =B1258+1 (sensitive receptor: C1217)
 DISCCART 407862.502546402 3758512.50565081 0.00 1.50
 ** receptor =B1259+1 (sensitive receptor: C1218)
 DISCCART 407862.502546402 3758487.50074049 0.00 1.50
 ** receptor =B1260+1 (sensitive receptor: C1219)
 DISCCART 407862.502546402 3758462.50582813 0.00 1.50
 ** receptor =B1261+1 (sensitive receptor: C1220)
 DISCCART 407862.502546402 3758437.50091781 0.00 1.50
 ** receptor =B1262+1 (sensitive receptor: C1221)
 DISCCART 407862.502546402 3758412.50600545 0.00 1.50
 ** receptor =B1263+1 (sensitive receptor: C1222)
 DISCCART 407862.502546402 3758387.50109513 0.00 1.50
 ** receptor =B1264+1 (sensitive receptor: C1223)
 DISCCART 407862.502546402 3758362.50618277 0.00 1.50
 ** receptor =B1265+1 (sensitive receptor: C1224)
 DISCCART 407862.502546402 3758337.50127244 0.00 1.50
 ** receptor =B1266+1 (sensitive receptor: C1225)
 DISCCART 407862.502546402 3758312.50636009 0.00 1.50
 ** receptor =B1267+1 (sensitive receptor: C1226)
 DISCCART 407862.502546402 3758287.50144976 0.00 1.50
 ** receptor =B1268+1 (sensitive receptor: C1227)
 DISCCART 407862.502546402 3758262.50653741 0.00 1.50
 ** receptor =B1269+1 (sensitive receptor: C1228)
 DISCCART 407862.502546402 3758237.50162708 0.00 1.50
 ** receptor =B1270+1 (sensitive receptor: C1229)
 DISCCART 407862.502546402 3758212.50671473 0.00 1.50
 ** receptor =B1271+1 (sensitive receptor: C1230)
 DISCCART 407862.502546402 3758187.5018044 0.00 1.50
 ** receptor =B1272+1 (sensitive receptor: C1231)
 DISCCART 407862.502546402 3758162.50689204 0.00 1.50
 ** receptor =B1273+1 (sensitive receptor: C1232)
 DISCCART 407862.502546402 3758137.50198172 0.00 1.50
 ** receptor =B1274+1 (sensitive receptor: C1233)
 DISCCART 407887.503946307 3758512.50565081 0.00 1.50
 ** receptor =B1275+1 (sensitive receptor: C1234)
 DISCCART 407887.503946307 3758487.50074049 0.00 1.50
 ** receptor =B1276+1 (sensitive receptor: C1235)
 DISCCART 407887.503946307 3758462.50582813 0.00 1.50
 ** receptor =B1277+1 (sensitive receptor: C1236)

Appendix B

PM Annual Emissions unmitigated

DISCCART 407887.503946307 3758437.50091781 0.00 1.50
 ** receptor =B1278+1 (sensitive receptor: C1237)
 DISCCART 407887.503946307 3758412.50600545 0.00 1.50
 ** receptor =B1279+1 (sensitive receptor: C1238)
 DISCCART 407887.503946307 3758387.50109513 0.00 1.50
 ** receptor =B1280+1 (sensitive receptor: C1239)
 DISCCART 407887.503946307 3758362.50618277 0.00 1.50
 ** receptor =B1281+1 (sensitive receptor: C1240)
 DISCCART 407887.503946307 3758337.50127244 0.00 1.50
 ** receptor =B1282+1 (sensitive receptor: C1241)
 DISCCART 407887.503946307 3758312.50636009 0.00 1.50
 ** receptor =B1283+1 (sensitive receptor: C1242)
 DISCCART 407887.503946307 3758287.50144976 0.00 1.50
 ** receptor =B1284+1 (sensitive receptor: C1243)
 DISCCART 407887.503946307 3758262.50653741 0.00 1.50
 ** receptor =B1285+1 (sensitive receptor: C1244)
 DISCCART 407887.503946307 3758237.50162708 0.00 1.50
 ** receptor =B1286+1 (sensitive receptor: C1245)
 DISCCART 407887.503946307 3758212.50671473 0.00 1.50
 ** receptor =B1287+1 (sensitive receptor: C1246)
 DISCCART 407887.503946307 3758187.5018044 0.00 1.50
 ** receptor =B1288+1 (sensitive receptor: C1247)
 DISCCART 407887.503946307 3758162.50689204 0.00 1.50
 ** receptor =B1289+1 (sensitive receptor: C1248)
 DISCCART 407887.503946307 3758137.50198172 0.00 1.50
 ** receptor =B1290+1 (sensitive receptor: C1249)
 DISCCART 407912.497100369 3758512.50565081 0.00 1.50
 ** receptor =B1291+1 (sensitive receptor: C1250)
 DISCCART 407912.497100369 3758487.50074049 0.00 1.50
 ** receptor =B1292+1 (sensitive receptor: C1251)
 DISCCART 407912.497100369 3758462.50582813 0.00 1.50
 ** receptor =B1293+1 (sensitive receptor: C1252)
 DISCCART 407912.497100369 3758437.50091781 0.00 1.50
 ** receptor =B1294+1 (sensitive receptor: C1253)
 DISCCART 407912.497100369 3758412.50600545 0.00 1.50
 ** receptor =B1295+1 (sensitive receptor: C1254)
 DISCCART 407912.497100369 3758387.50109513 0.00 1.50
 ** receptor =B1296+1 (sensitive receptor: C1255)
 DISCCART 407912.497100369 3758362.50618277 0.00 1.50
 ** receptor =B1297+1 (sensitive receptor: C1256)
 DISCCART 407912.497100369 3758337.50127244 0.00 1.50
 ** receptor =B1298+1 (sensitive receptor: C1257)
 DISCCART 407912.497100369 3758312.50636009 0.00 1.50
 ** receptor =B1299+1 (sensitive receptor: C1258)
 DISCCART 407912.497100369 3758287.50144976 0.00 1.50
 ** receptor =B1300+1 (sensitive receptor: C1259)
 DISCCART 407912.497100369 3758262.50653741 0.00 1.50
 ** receptor =B1301+1 (sensitive receptor: C1260)
 DISCCART 407912.497100369 3758237.50162708 0.00 1.50
 ** receptor =B1302+1 (sensitive receptor: C1261)
 DISCCART 407912.497100369 3758212.50671473 0.00 1.50
 ** receptor =B1303+1 (sensitive receptor: C1262)
 DISCCART 407912.497100369 3758187.5018044 0.00 1.50
 ** receptor =B1304+1 (sensitive receptor: C1263)
 DISCCART 407912.497100369 3758162.50689204 0.00 1.50
 ** receptor =B1305+1 (sensitive receptor: C1264)
 DISCCART 407912.497100369 3758137.50198172 0.00 1.50
 ** receptor =B1306+1 (sensitive receptor: C1265)
 DISCCART 407937.498500274 3758512.50565081 0.00 1.50
 ** receptor =B1307+1 (sensitive receptor: C1266)
 DISCCART 407937.498500274 3758487.50074049 0.00 1.50
 ** receptor =B1308+1 (sensitive receptor: C1267)
 DISCCART 407937.498500274 3758462.50582813 0.00 1.50
 ** receptor =B1309+1 (sensitive receptor: C1268)
 DISCCART 407937.498500274 3758437.50091781 0.00 1.50
 ** receptor =B1310+1 (sensitive receptor: C1269)
 DISCCART 407937.498500274 3758412.50600545 0.00 1.50
 ** receptor =B1311+1 (sensitive receptor: C1270)
 DISCCART 407937.498500274 3758387.50109513 0.00 1.50
 ** receptor =B1312+1 (sensitive receptor: C1271)
 DISCCART 407937.498500274 3758362.50618277 0.00 1.50
 ** receptor =B1313+1 (sensitive receptor: C1272)
 DISCCART 407937.498500274 3758337.50127244 0.00 1.50
 ** receptor =B1314+1 (sensitive receptor: C1273)
 DISCCART 407937.498500274 3758312.50636009 0.00 1.50
 ** receptor =B1315+1 (sensitive receptor: C1274)

Appendix B

PM Annual Emissions unmitigated

DISCCART 407937.498500274 3758287.50144976 0.00 1.50
 ** receptor =B1316+1 (sensitive receptor: C1275)
 DISCCART 407937.498500274 3758262.50653741 0.00 1.50
 ** receptor =B1317+1 (sensitive receptor: C1276)
 DISCCART 407937.498500274 3758237.50162708 0.00 1.50
 ** receptor =B1318+1 (sensitive receptor: C1277)
 DISCCART 407937.498500274 3758212.50671473 0.00 1.50
 ** receptor =B1319+1 (sensitive receptor: C1278)
 DISCCART 407937.498500274 3758187.5018044 0.00 1.50
 ** receptor =B1320+1 (sensitive receptor: C1279)
 DISCCART 407937.498500274 3758162.50689204 0.00 1.50
 ** receptor =B1321+1 (sensitive receptor: C1280)
 DISCCART 407937.498500274 3758137.50198172 0.00 1.50
 ** receptor =B1322+1 (sensitive receptor: C1281)
 DISCCART 407962.49990018 3758512.50565081 0.00 1.50
 ** receptor =B1323+1 (sensitive receptor: C1282)
 DISCCART 407962.49990018 3758487.50074049 0.00 1.50
 ** receptor =B1324+1 (sensitive receptor: C1283)
 DISCCART 407962.49990018 3758462.50582813 0.00 1.50
 ** receptor =B1325+1 (sensitive receptor: C1284)
 DISCCART 407962.49990018 3758437.50091781 0.00 1.50
 ** receptor =B1326+1 (sensitive receptor: C1285)
 DISCCART 407962.49990018 3758412.50600545 0.00 1.50
 ** receptor =B1327+1 (sensitive receptor: C1286)
 DISCCART 407962.49990018 3758387.50109513 0.00 1.50
 ** receptor =B1328+1 (sensitive receptor: C1287)
 DISCCART 407962.49990018 3758362.50618277 0.00 1.50
 ** receptor =B1329+1 (sensitive receptor: C1288)
 DISCCART 407962.49990018 3758337.50127244 0.00 1.50
 ** receptor =B1330+1 (sensitive receptor: C1289)
 DISCCART 407962.49990018 3758312.50636009 0.00 1.50
 ** receptor =B1331+1 (sensitive receptor: C1290)
 DISCCART 407962.49990018 3758287.50144976 0.00 1.50
 ** receptor =B1332+1 (sensitive receptor: C1291)
 DISCCART 407962.49990018 3758262.50653741 0.00 1.50
 ** receptor =B1333+1 (sensitive receptor: C1292)
 DISCCART 407962.49990018 3758237.50162708 0.00 1.50
 ** receptor =B1334+1 (sensitive receptor: C1293)
 DISCCART 407962.49990018 3758212.50671473 0.00 1.50
 ** receptor =B1335+1 (sensitive receptor: C1294)
 DISCCART 407962.49990018 3758187.5018044 0.00 1.50
 ** receptor =B1336+1 (sensitive receptor: C1295)
 DISCCART 407962.49990018 3758162.50689204 0.00 1.50
 ** receptor =B1337+1 (sensitive receptor: C1296)
 DISCCART 407962.49990018 3758137.50198172 0.00 1.50
 ** receptor =B1338+1 (sensitive receptor: C1297)
 DISCCART 407987.501300085 3758512.50565081 0.00 1.50
 ** receptor =B1339+1 (sensitive receptor: C1298)
 DISCCART 407987.501300085 3758487.50074049 0.00 1.50
 ** receptor =B1340+1 (sensitive receptor: C1299)
 DISCCART 407987.501300085 3758462.50582813 0.00 1.50
 ** receptor =B1341+1 (sensitive receptor: C1300)
 DISCCART 407987.501300085 3758437.50091781 0.00 1.50
 ** receptor =B1342+1 (sensitive receptor: C1301)
 DISCCART 407987.501300085 3758412.50600545 0.00 1.50
 ** receptor =B1343+1 (sensitive receptor: C1302)
 DISCCART 407987.501300085 3758387.50109513 0.00 1.50
 ** receptor =B1344+1 (sensitive receptor: C1303)
 DISCCART 407987.501300085 3758362.50618277 0.00 1.50
 ** receptor =B1345+1 (sensitive receptor: C1304)
 DISCCART 407987.501300085 3758337.50127244 0.00 1.50
 ** receptor =B1346+1 (sensitive receptor: C1305)
 DISCCART 407987.501300085 3758312.50636009 0.00 1.50
 ** receptor =B1347+1 (sensitive receptor: C1306)
 DISCCART 407987.501300085 3758287.50144976 0.00 1.50
 ** receptor =B1348+1 (sensitive receptor: C1307)
 DISCCART 407987.501300085 3758262.50653741 0.00 1.50
 ** receptor =B1349+1 (sensitive receptor: C1308)
 DISCCART 407987.501300085 3758237.50162708 0.00 1.50
 ** receptor =B1350+1 (sensitive receptor: C1309)
 DISCCART 407987.501300085 3758212.50671473 0.00 1.50
 ** receptor =B1351+1 (sensitive receptor: C1310)
 DISCCART 407987.501300085 3758187.5018044 0.00 1.50
 ** receptor =B1352+1 (sensitive receptor: C1311)
 DISCCART 407987.501300085 3758162.50689204 0.00 1.50
 ** receptor =B1353+1 (sensitive receptor: C1312)

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PM Annual Emissions unmitigated

DISCCART 407987.501300085 3758137.50198172 0.00 1.50
 ** receptor =B1354+1 (sensitive receptor: C1313)
 DISCCART 408012.502699991 3758512.50565081 0.00 1.50
 ** receptor =B1355+1 (sensitive receptor: C1314)
 DISCCART 408012.502699991 3758487.50074049 0.00 1.50
 ** receptor =B1356+1 (sensitive receptor: C1315)
 DISCCART 408012.502699991 3758462.50582813 0.00 1.50
 ** receptor =B1357+1 (sensitive receptor: C1316)
 DISCCART 408012.502699991 3758437.50091781 0.00 1.50
 ** receptor =B1358+1 (sensitive receptor: C1317)
 DISCCART 408012.502699991 3758412.50600545 0.00 1.50
 ** receptor =B1359+1 (sensitive receptor: C1318)
 DISCCART 408012.502699991 3758387.50109513 0.00 1.50
 ** receptor =B1360+1 (sensitive receptor: C1319)
 DISCCART 408012.502699991 3758362.50618277 0.00 1.50
 ** receptor =B1361+1 (sensitive receptor: C1320)
 DISCCART 408012.502699991 3758337.50127244 0.00 1.50
 ** receptor =B1362+1 (sensitive receptor: C1321)
 DISCCART 408012.502699991 3758312.50636009 0.00 1.50
 ** receptor =B1363+1 (sensitive receptor: C1322)
 DISCCART 408012.502699991 3758287.50144976 0.00 1.50
 ** receptor =B1364+1 (sensitive receptor: C1323)
 DISCCART 408012.502699991 3758262.50653741 0.00 1.50
 ** receptor =B1365+1 (sensitive receptor: C1324)
 DISCCART 408012.502699991 3758237.50162708 0.00 1.50
 ** receptor =B1366+1 (sensitive receptor: C1325)
 DISCCART 408012.502699991 3758212.50671473 0.00 1.50
 ** receptor =B1367+1 (sensitive receptor: C1326)
 DISCCART 408012.502699991 3758187.5018044 0.00 1.50
 ** receptor =B1368+1 (sensitive receptor: C1327)
 DISCCART 408012.502699991 3758162.50689204 0.00 1.50
 ** receptor =B1369+1 (sensitive receptor: C1328)
 DISCCART 408012.502699991 3758137.50198172 0.00 1.50
 ** receptor =B1370+1 (sensitive receptor: C1329)
 DISCCART 408037.495854052 3758512.50565081 0.00 1.50
 ** receptor =B1371+1 (sensitive receptor: C1330)
 DISCCART 408037.495854052 3758487.50074049 0.00 1.50
 ** receptor =B1372+1 (sensitive receptor: C1331)
 DISCCART 408037.495854052 3758462.50582813 0.00 1.50
 ** receptor =B1373+1 (sensitive receptor: C1332)
 DISCCART 408037.495854052 3758437.50091781 0.00 1.50
 ** receptor =B1374+1 (sensitive receptor: C1333)
 DISCCART 408037.495854052 3758412.50600545 0.00 1.50
 ** receptor =B1375+1 (sensitive receptor: C1334)
 DISCCART 408037.495854052 3758387.50109513 0.00 1.50
 ** receptor =B1376+1 (sensitive receptor: C1335)
 DISCCART 408037.495854052 3758362.50618277 0.00 1.50
 ** receptor =B1377+1 (sensitive receptor: C1336)
 DISCCART 408037.495854052 3758337.50127244 0.00 1.50
 ** receptor =B1378+1 (sensitive receptor: C1337)
 DISCCART 408037.495854052 3758312.50636009 0.00 1.50
 ** receptor =B1379+1 (sensitive receptor: C1338)
 DISCCART 408037.495854052 3758287.50144976 0.00 1.50
 ** receptor =B1380+1 (sensitive receptor: C1339)
 DISCCART 408037.495854052 3758262.50653741 0.00 1.50
 ** receptor =B1381+1 (sensitive receptor: C1340)
 DISCCART 408037.495854052 3758237.50162708 0.00 1.50
 ** receptor =B1382+1 (sensitive receptor: C1341)
 DISCCART 408037.495854052 3758212.50671473 0.00 1.50
 ** receptor =B1383+1 (sensitive receptor: C1342)
 DISCCART 408037.495854052 3758187.5018044 0.00 1.50
 ** receptor =B1384+1 (sensitive receptor: C1343)
 DISCCART 408037.495854052 3758162.50689204 0.00 1.50
 ** receptor =B1385+1 (sensitive receptor: C1344)
 DISCCART 408037.495854052 3758137.50198172 0.00 1.50
 ** receptor =B1386+1 (sensitive receptor: C1345)
 DISCCART 408062.497253958 3758512.50565081 0.00 1.50
 ** receptor =B1387+1 (sensitive receptor: C1346)
 DISCCART 408062.497253958 3758487.50074049 0.00 1.50
 ** receptor =B1388+1 (sensitive receptor: C1347)
 DISCCART 408062.497253958 3758462.50582813 0.00 1.50
 ** receptor =B1389+1 (sensitive receptor: C1348)
 DISCCART 408062.497253958 3758437.50091781 0.00 1.50
 ** receptor =B1390+1 (sensitive receptor: C1349)
 DISCCART 408062.497253958 3758412.50600545 0.00 1.50
 ** receptor =B1391+1 (sensitive receptor: C1350)

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DISCCART 408062.497253958 3758387.50109513 0.00 1.50
 ** receptor =B1392+1 (sensitive receptor: C1351)
 DISCCART 408062.497253958 3758362.50618277 0.00 1.50
 ** receptor =B1393+1 (sensitive receptor: C1352)
 DISCCART 408062.497253958 3758337.50127244 0.00 1.50
 ** receptor =B1394+1 (sensitive receptor: C1353)
 DISCCART 408062.497253958 3758312.50636009 0.00 1.50
 ** receptor =B1395+1 (sensitive receptor: C1354)
 DISCCART 408062.497253958 3758287.50144976 0.00 1.50
 ** receptor =B1396+1 (sensitive receptor: C1355)
 DISCCART 408062.497253958 3758262.50653741 0.00 1.50
 ** receptor =B1397+1 (sensitive receptor: C1356)
 DISCCART 408062.497253958 3758237.50162708 0.00 1.50
 ** receptor =B1398+1 (sensitive receptor: C1357)
 DISCCART 408062.497253958 3758212.50671473 0.00 1.50
 ** receptor =B1399+1 (sensitive receptor: C1358)
 DISCCART 408062.497253958 3758187.5018044 0.00 1.50
 ** receptor =B1400+1 (sensitive receptor: C1359)
 DISCCART 408062.497253958 3758162.50689204 0.00 1.50
 ** receptor =B1401+1 (sensitive receptor: C1360)
 DISCCART 408062.497253958 3758137.50198172 0.00 1.50
 ** receptor =B1402+1 (sensitive receptor: C1361)
 DISCCART 408087.498653864 3758512.50565081 0.00 1.50
 ** receptor =B1403+1 (sensitive receptor: C1362)
 DISCCART 408087.498653864 3758487.50074049 0.00 1.50
 ** receptor =B1404+1 (sensitive receptor: C1363)
 DISCCART 408087.498653864 3758462.50582813 0.00 1.50
 ** receptor =B1405+1 (sensitive receptor: C1364)
 DISCCART 408087.498653864 3758437.50091781 0.00 1.50
 ** receptor =B1406+1 (sensitive receptor: C1365)
 DISCCART 408087.498653864 3758412.50600545 0.00 1.50
 ** receptor =B1407+1 (sensitive receptor: C1366)
 DISCCART 408087.498653864 3758387.50109513 0.00 1.50
 ** receptor =B1408+1 (sensitive receptor: C1367)
 DISCCART 408087.498653864 3758362.50618277 0.00 1.50
 ** receptor =B1409+1 (sensitive receptor: C1368)
 DISCCART 408087.498653864 3758337.50127244 0.00 1.50
 ** receptor =B1410+1 (sensitive receptor: C1369)
 DISCCART 408087.498653864 3758312.50636009 0.00 1.50
 ** receptor =B1411+1 (sensitive receptor: C1370)
 DISCCART 408087.498653864 3758287.50144976 0.00 1.50
 ** receptor =B1412+1 (sensitive receptor: C1371)
 DISCCART 408087.498653864 3758262.50653741 0.00 1.50
 ** receptor =B1413+1 (sensitive receptor: C1372)
 DISCCART 408087.498653864 3758237.50162708 0.00 1.50
 ** receptor =B1414+1 (sensitive receptor: C1373)
 DISCCART 408087.498653864 3758212.50671473 0.00 1.50
 ** receptor =B1415+1 (sensitive receptor: C1374)
 DISCCART 408087.498653864 3758187.5018044 0.00 1.50
 ** receptor =B1416+1 (sensitive receptor: C1375)
 DISCCART 408087.498653864 3758162.50689204 0.00 1.50
 ** receptor =B1417+1 (sensitive receptor: C1376)
 DISCCART 408087.498653864 3758137.50198172 0.00 1.50
 ** receptor =B1418+1 (sensitive receptor: C1377)
 DISCCART 408112.500053769 3758512.50565081 0.00 1.50
 ** receptor =B1419+1 (sensitive receptor: C1378)
 DISCCART 408112.500053769 3758487.50074049 0.00 1.50
 ** receptor =B1420+1 (sensitive receptor: C1379)
 DISCCART 408112.500053769 3758462.50582813 0.00 1.50
 ** receptor =B1421+1 (sensitive receptor: C1380)
 DISCCART 408112.500053769 3758437.50091781 0.00 1.50
 ** receptor =B1422+1 (sensitive receptor: C1381)
 DISCCART 408112.500053769 3758412.50600545 0.00 1.50
 ** receptor =B1423+1 (sensitive receptor: C1382)
 DISCCART 408112.500053769 3758387.50109513 0.00 1.50
 ** receptor =B1424+1 (sensitive receptor: C1383)
 DISCCART 408112.500053769 3758362.50618277 0.00 1.50
 ** receptor =B1425+1 (sensitive receptor: C1384)
 DISCCART 408112.500053769 3758337.50127244 0.00 1.50
 ** receptor =B1426+1 (sensitive receptor: C1385)
 DISCCART 408112.500053769 3758312.50636009 0.00 1.50
 ** receptor =B1427+1 (sensitive receptor: C1386)
 DISCCART 408112.500053769 3758287.50144976 0.00 1.50
 ** receptor =B1428+1 (sensitive receptor: C1387)
 DISCCART 408112.500053769 3758262.50653741 0.00 1.50
 ** receptor =B1429+1 (sensitive receptor: C1388)

Appendix B

PM Annual Emissions unmitigated

DISCCART 408112.500053769 3758237.50162708 0.00 1.50
 ** receptor =B1430+1 (sensitive receptor: C1389)
 DISCCART 408112.500053769 3758212.50671473 0.00 1.50
 ** receptor =B1431+1 (sensitive receptor: C1390)
 DISCCART 408112.500053769 3758187.5018044 0.00 1.50
 ** receptor =B1432+1 (sensitive receptor: C1391)
 DISCCART 408112.500053769 3758162.50689204 0.00 1.50
 ** receptor =B1433+1 (sensitive receptor: C1392)
 DISCCART 408112.500053769 3758137.50198172 0.00 1.50
 ** receptor =B1434+1 (sensitive receptor: C1393)
 DISCCART 405962.503349551 3758562.50547349 305.00 1.50
 ** receptor =B1435+1 (sensitive receptor: C1394)
 DISCCART 406012.497903518 3758562.50547349 310.40 1.50
 ** receptor =B1436+1 (sensitive receptor: C1395)
 DISCCART 406062.500703329 3758562.50547349 313.60 1.50
 ** receptor =B1437+1 (sensitive receptor: C1396)
 DISCCART 406112.495257296 3758562.50547349 318.20 1.50
 ** receptor =B1438+1 (sensitive receptor: C1397)
 DISCCART 406162.498057107 3758562.50547349 322.40 1.50
 ** receptor =B1439+1 (sensitive receptor: C1398)
 DISCCART 406212.500856919 3758562.50547349 328.40 1.50
 ** receptor =B1440+1 (sensitive receptor: C1399)
 DISCCART 406262.495410886 3758562.50547349 335.50 1.50
 ** receptor =B1441+1 (sensitive receptor: C1400)
 DISCCART 406312.498210697 3758562.50547349 341.60 1.50
 ** receptor =B1442+1 (sensitive receptor: C1401)
 DISCCART 406362.501010508 3758562.50547349 345.30 1.50
 ** receptor =B1443+1 (sensitive receptor: C1402)
 DISCCART 406412.503810319 3758562.50547349 351.00 1.50
 ** receptor =B1444+1 (sensitive receptor: C1403)
 DISCCART 406462.498364286 3758562.50547349 354.70 1.50
 ** receptor =B1445+1 (sensitive receptor: C1404)
 DISCCART 405962.503349551 3760012.50033123 750.90 1.50
 ** receptor =B1446+1 (sensitive receptor: C1405)
 DISCCART 405962.503349551 3759962.50050855 743.80 1.50
 ** receptor =B1447+1 (sensitive receptor: C1406)
 DISCCART 405962.503349551 3759912.50068587 723.60 1.50
 ** receptor =B1448+1 (sensitive receptor: C1407)
 DISCCART 405962.503349551 3759862.50086319 669.10 1.50
 ** receptor =B1449+1 (sensitive receptor: C1408)
 DISCCART 405962.503349551 3759812.50104051 634.60 1.50
 ** receptor =B1450+1 (sensitive receptor: C1409)
 DISCCART 405962.503349551 3759762.50121783 620.30 1.50
 ** receptor =B1451+1 (sensitive receptor: C1410)
 DISCCART 405962.503349551 3759712.50139515 564.10 1.50
 ** receptor =B1452+1 (sensitive receptor: C1411)
 DISCCART 405962.503349551 3759662.50157247 540.40 1.50
 ** receptor =B1453+1 (sensitive receptor: C1412)
 DISCCART 405962.503349551 3759612.50174979 524.00 1.50
 ** receptor =B1454+1 (sensitive receptor: C1413)
 DISCCART 405962.503349551 3759562.5019271 515.20 1.50
 ** receptor =B1455+1 (sensitive receptor: C1414)
 DISCCART 405962.503349551 3759512.50210442 526.20 1.50
 ** receptor =B1456+1 (sensitive receptor: C1415)
 DISCCART 405962.503349551 3759462.50228174 524.00 1.50
 ** receptor =B1457+1 (sensitive receptor: C1416)
 DISCCART 405962.503349551 3759412.50245906 505.00 1.50
 ** receptor =B1458+1 (sensitive receptor: C1417)
 DISCCART 405962.503349551 3759362.50263638 471.70 1.50
 ** receptor =B1459+1 (sensitive receptor: C1418)
 DISCCART 405962.503349551 3759312.5028137 439.90 1.50
 ** receptor =B1460+1 (sensitive receptor: C1419)
 DISCCART 405962.503349551 3759262.50299102 407.50 1.50
 ** receptor =B1461+1 (sensitive receptor: C1420)
 DISCCART 405962.503349551 3759212.50316834 382.00 1.50
 ** receptor =B1462+1 (sensitive receptor: C1421)
 DISCCART 405962.503349551 3759162.50334566 375.50 1.50
 ** receptor =B1463+1 (sensitive receptor: C1422)
 DISCCART 405962.503349551 3759112.50352298 368.90 1.50
 ** receptor =B1464+1 (sensitive receptor: C1423)
 DISCCART 405962.503349551 3759062.5037003 360.80 1.50
 ** receptor =B1465+1 (sensitive receptor: C1424)
 DISCCART 405962.503349551 3759012.50387762 356.30 1.50
 ** receptor =B1466+1 (sensitive receptor: C1425)
 DISCCART 405962.503349551 3758962.50405494 351.90 1.50
 ** receptor =B1467+1 (sensitive receptor: C1426)

Appendix B

PM Annual Emissions unmitigated

** receptor	DISCCART	405962.503349551	3758912.50423226	344.80	1.50
	=B1468+1 (sensitive receptor: C1427)				
** receptor	DISCCART	405962.503349551	3758862.50440957	339.90	1.50
	=B1469+1 (sensitive receptor: C1428)				
** receptor	DISCCART	405962.503349551	3758812.50458689	334.60	1.50
	=B1470+1 (sensitive receptor: C1429)				
** receptor	DISCCART	405962.503349551	3758762.50476421	326.80	1.50
	=B1471+1 (sensitive receptor: C1430)				
** receptor	DISCCART	405962.503349551	3758712.50494153	321.40	1.50
	=B1472+1 (sensitive receptor: C1431)				
** receptor	DISCCART	405962.503349551	3758662.50511885	315.30	1.50
	=B1473+1 (sensitive receptor: C1432)				
** receptor	DISCCART	405962.503349551	3758612.50529617	311.60	1.50
	=B1474+1 (sensitive receptor: C1433)				
** receptor	DISCCART	406012.497903518	3760012.50033123	745.20	1.50
	=B1475+1 (sensitive receptor: C1434)				
** receptor	DISCCART	406012.497903518	3759962.50050855	709.30	1.50
	=B1476+1 (sensitive receptor: C1435)				
** receptor	DISCCART	406012.497903518	3759912.50068587	657.10	1.50
	=B1477+1 (sensitive receptor: C1436)				
** receptor	DISCCART	406012.497903518	3759862.50086319	652.70	1.50
	=B1478+1 (sensitive receptor: C1437)				
** receptor	DISCCART	406012.497903518	3759812.50104051	630.20	1.50
	=B1479+1 (sensitive receptor: C1438)				
** receptor	DISCCART	406012.497903518	3759762.50121783	621.20	1.50
	=B1480+1 (sensitive receptor: C1439)				
** receptor	DISCCART	406012.497903518	3759712.50139515	609.80	1.50
	=B1481+1 (sensitive receptor: C1440)				
** receptor	DISCCART	406012.497903518	3759662.50157247	547.00	1.50
	=B1482+1 (sensitive receptor: C1441)				
** receptor	DISCCART	406012.497903518	3759612.50174979	536.20	1.50
	=B1483+1 (sensitive receptor: C1442)				
** receptor	DISCCART	406012.497903518	3759562.5019271	527.20	1.50
	=B1484+1 (sensitive receptor: C1443)				
** receptor	DISCCART	406012.497903518	3759512.50210442	527.40	1.50
	=B1485+1 (sensitive receptor: C1444)				
** receptor	DISCCART	406012.497903518	3759462.50228174	510.20	1.50
	=B1486+1 (sensitive receptor: C1445)				
** receptor	DISCCART	406012.497903518	3759412.50245906	484.30	1.50
	=B1487+1 (sensitive receptor: C1446)				
** receptor	DISCCART	406012.497903518	3759362.50263638	463.80	1.50
	=B1488+1 (sensitive receptor: C1447)				
** receptor	DISCCART	406012.497903518	3759312.5028137	437.80	1.50
	=B1489+1 (sensitive receptor: C1448)				
** receptor	DISCCART	406012.497903518	3759262.50299102	416.70	1.50
	=B1490+1 (sensitive receptor: C1449)				
** receptor	DISCCART	406012.497903518	3759212.50316834	383.40	1.50
	=B1491+1 (sensitive receptor: C1450)				
** receptor	DISCCART	406012.497903518	3759162.50334566	380.50	1.50
	=B1492+1 (sensitive receptor: C1451)				
** receptor	DISCCART	406012.497903518	3759112.50352298	374.40	1.50
	=B1493+1 (sensitive receptor: C1452)				
** receptor	DISCCART	406012.497903518	3759062.5037003	366.10	1.50
	=B1494+1 (sensitive receptor: C1453)				
** receptor	DISCCART	406012.497903518	3759012.50387762	359.70	1.50
	=B1495+1 (sensitive receptor: C1454)				
** receptor	DISCCART	406012.497903518	3758962.50405494	358.00	1.50
	=B1496+1 (sensitive receptor: C1455)				
** receptor	DISCCART	406012.497903518	3758912.50423226	351.40	1.50
	=B1497+1 (sensitive receptor: C1456)				
** receptor	DISCCART	406012.497903518	3758862.50440957	342.70	1.50
	=B1498+1 (sensitive receptor: C1457)				
** receptor	DISCCART	406012.497903518	3758812.50458689	336.60	1.50
	=B1499+1 (sensitive receptor: C1458)				
** receptor	DISCCART	406012.497903518	3758762.50476421	331.70	1.50
	=B1500+1 (sensitive receptor: C1459)				
** receptor	DISCCART	406012.497903518	3758712.50494153	324.70	1.50
	=B1501+1 (sensitive receptor: C1460)				
** receptor	DISCCART	406012.497903518	3758662.50511885	318.20	1.50
	=B1502+1 (sensitive receptor: C1461)				
** receptor	DISCCART	406012.497903518	3758612.50529617	313.60	1.50
	=B1503+1 (sensitive receptor: C1462)				
** receptor	DISCCART	406062.500703329	3760012.50033123	693.70	1.50
	=B1504+1 (sensitive receptor: C1463)				
** receptor	DISCCART	406062.500703329	3759812.50104051	547.90	1.50
	=B1505+1 (sensitive receptor: C1464)				

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DISCCART 406062.500703329 3759762.50121783 539.90 1.50
 ** receptor =B1506+1 (sensitive receptor: C1465)
 DISCCART 406062.500703329 3759712.50139515 551.10 1.50
 ** receptor =B1507+1 (sensitive receptor: C1466)
 DISCCART 406062.500703329 3759662.50157247 527.90 1.50
 ** receptor =B1508+1 (sensitive receptor: C1467)
 DISCCART 406062.500703329 3759612.50174979 525.00 1.50
 ** receptor =B1509+1 (sensitive receptor: C1468)
 DISCCART 406062.500703329 3759562.5019271 495.30 1.50
 ** receptor =B1510+1 (sensitive receptor: C1469)
 DISCCART 406062.500703329 3759512.50210442 470.80 1.50
 ** receptor =B1511+1 (sensitive receptor: C1470)
 DISCCART 406062.500703329 3759462.50228174 464.00 1.50
 ** receptor =B1512+1 (sensitive receptor: C1471)
 DISCCART 406062.500703329 3759412.50245906 448.20 1.50
 ** receptor =B1513+1 (sensitive receptor: C1472)
 DISCCART 406062.500703329 3759362.50263638 430.30 1.50
 ** receptor =B1514+1 (sensitive receptor: C1473)
 DISCCART 406062.500703329 3759312.5028137 423.40 1.50
 ** receptor =B1515+1 (sensitive receptor: C1474)
 DISCCART 406062.500703329 3759262.50299102 395.60 1.50
 ** receptor =B1516+1 (sensitive receptor: C1475)
 DISCCART 406062.500703329 3759212.50316834 392.40 1.50
 ** receptor =B1517+1 (sensitive receptor: C1476)
 DISCCART 406062.500703329 3759162.50334566 387.00 1.50
 ** receptor =B1518+1 (sensitive receptor: C1477)
 DISCCART 406062.500703329 3759112.50352298 380.50 1.50
 ** receptor =B1519+1 (sensitive receptor: C1478)
 DISCCART 406062.500703329 3759062.5037003 373.90 1.50
 ** receptor =B1520+1 (sensitive receptor: C1479)
 DISCCART 406062.500703329 3759012.50387762 368.30 1.50
 ** receptor =B1521+1 (sensitive receptor: C1480)
 DISCCART 406062.500703329 3758962.50405494 364.10 1.50
 ** receptor =B1522+1 (sensitive receptor: C1481)
 DISCCART 406062.500703329 3758912.50423226 356.30 1.50
 ** receptor =B1523+1 (sensitive receptor: C1482)
 DISCCART 406062.500703329 3758862.50440957 348.60 1.50
 ** receptor =B1524+1 (sensitive receptor: C1483)
 DISCCART 406062.500703329 3758812.50458689 342.70 1.50
 ** receptor =B1525+1 (sensitive receptor: C1484)
 DISCCART 406062.500703329 3758762.50476421 335.00 1.50
 ** receptor =B1526+1 (sensitive receptor: C1485)
 DISCCART 406062.500703329 3758712.50494153 328.40 1.50
 ** receptor =B1527+1 (sensitive receptor: C1486)
 DISCCART 406062.500703329 3758662.50511885 321.90 1.50
 ** receptor =B1528+1 (sensitive receptor: C1487)
 DISCCART 406062.500703329 3758612.50529617 318.20 1.50
 ** receptor =B1529+1 (sensitive receptor: C1488)
 DISCCART 406112.495257296 3760012.50033123 615.50 1.50
 ** receptor =B1530+1 (sensitive receptor: C1489)
 DISCCART 406112.495257296 3759812.50104051 485.40 1.50
 ** receptor =B1531+1 (sensitive receptor: C1490)
 DISCCART 406112.495257296 3759762.50121783 483.30 1.50
 ** receptor =B1532+1 (sensitive receptor: C1491)
 DISCCART 406112.495257296 3759712.50139515 478.00 1.50
 ** receptor =B1533+1 (sensitive receptor: C1492)
 DISCCART 406112.495257296 3759662.50157247 472.20 1.50
 ** receptor =B1534+1 (sensitive receptor: C1493)
 DISCCART 406112.495257296 3759612.50174979 469.00 1.50
 ** receptor =B1535+1 (sensitive receptor: C1494)
 DISCCART 406112.495257296 3759562.5019271 465.80 1.50
 ** receptor =B1536+1 (sensitive receptor: C1495)
 DISCCART 406112.495257296 3759512.50210442 461.50 1.50
 ** receptor =B1537+1 (sensitive receptor: C1496)
 DISCCART 406112.495257296 3759462.50228174 431.40 1.50
 ** receptor =B1538+1 (sensitive receptor: C1497)
 DISCCART 406112.495257296 3759412.50245906 422.30 1.50
 ** receptor =B1539+1 (sensitive receptor: C1498)
 DISCCART 406112.495257296 3759362.50263638 418.40 1.50
 ** receptor =B1540+1 (sensitive receptor: C1499)
 DISCCART 406112.495257296 3759312.5028137 417.50 1.50
 ** receptor =B1541+1 (sensitive receptor: C1500)
 DISCCART 406112.495257296 3759262.50299102 412.50 1.50
 ** receptor =B1542+1 (sensitive receptor: C1501)
 DISCCART 406112.495257296 3759212.50316834 400.60 1.50
 ** receptor =B1543+1 (sensitive receptor: C1502)

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** DISCCART	406112.495257296	3759162.50334566	394.00	1.50
** receptor	=B1544+1 (sensitive receptor: C1503)			
** DISCCART	406112.495257296	3759112.50352298	387.50	1.50
** receptor	=B1545+1 (sensitive receptor: C1504)			
** DISCCART	406112.495257296	3759062.5037003	380.50	1.50
** receptor	=B1546+1 (sensitive receptor: C1505)			
** DISCCART	406112.495257296	3759012.50387762	377.20	1.50
** receptor	=B1547+1 (sensitive receptor: C1506)			
** DISCCART	406112.495257296	3758962.50405494	369.40	1.50
** receptor	=B1548+1 (sensitive receptor: C1507)			
** DISCCART	406112.495257296	3758912.50423226	362.80	1.50
** receptor	=B1549+1 (sensitive receptor: C1508)			
** DISCCART	406112.495257296	3758862.50440957	356.30	1.50
** receptor	=B1550+1 (sensitive receptor: C1509)			
** DISCCART	406112.495257296	3758812.50458689	347.70	1.50
** receptor	=B1551+1 (sensitive receptor: C1510)			
** DISCCART	406112.495257296	3758762.50476421	339.90	1.50
** receptor	=B1552+1 (sensitive receptor: C1511)			
** DISCCART	406112.495257296	3758712.50494153	333.30	1.50
** receptor	=B1553+1 (sensitive receptor: C1512)			
** DISCCART	406112.495257296	3758662.50511885	326.80	1.50
** receptor	=B1554+1 (sensitive receptor: C1513)			
** DISCCART	406112.495257296	3758612.50529617	321.40	1.50
** receptor	=B1555+1 (sensitive receptor: C1514)			
** DISCCART	406162.498057107	3760012.50033123	522.00	1.50
** receptor	=B1556+1 (sensitive receptor: C1515)			
** DISCCART	406162.498057107	3759812.50104051	499.50	1.50
** receptor	=B1557+1 (sensitive receptor: C1516)			
** DISCCART	406162.498057107	3759462.50228174	445.40	1.50
** receptor	=B1558+1 (sensitive receptor: C1517)			
** DISCCART	406162.498057107	3759412.50245906	457.10	1.50
** receptor	=B1559+1 (sensitive receptor: C1518)			
** DISCCART	406162.498057107	3759362.50263638	450.40	1.50
** receptor	=B1560+1 (sensitive receptor: C1519)			
** DISCCART	406162.498057107	3759312.5028137	446.90	1.50
** receptor	=B1561+1 (sensitive receptor: C1520)			
** DISCCART	406162.498057107	3759262.50299102	421.80	1.50
** receptor	=B1562+1 (sensitive receptor: C1521)			
** DISCCART	406162.498057107	3759212.50316834	408.80	1.50
** receptor	=B1563+1 (sensitive receptor: C1522)			
** DISCCART	406162.498057107	3759162.50334566	400.60	1.50
** receptor	=B1564+1 (sensitive receptor: C1523)			
** DISCCART	406162.498057107	3759112.50352298	393.60	1.50
** receptor	=B1565+1 (sensitive receptor: C1524)			
** DISCCART	406162.498057107	3759062.5037003	387.00	1.50
** receptor	=B1566+1 (sensitive receptor: C1525)			
** DISCCART	406162.498057107	3759012.50387762	382.50	1.50
** receptor	=B1567+1 (sensitive receptor: C1526)			
** DISCCART	406162.498057107	3758962.50405494	377.60	1.50
** receptor	=B1568+1 (sensitive receptor: C1527)			
** DISCCART	406162.498057107	3758912.50423226	367.40	1.50
** receptor	=B1569+1 (sensitive receptor: C1528)			
** DISCCART	406162.498057107	3758862.50440957	360.80	1.50
** receptor	=B1570+1 (sensitive receptor: C1529)			
** DISCCART	406162.498057107	3758812.50458689	352.50	1.50
** receptor	=B1571+1 (sensitive receptor: C1530)			
** DISCCART	406162.498057107	3758762.50476421	343.20	1.50
** receptor	=B1572+1 (sensitive receptor: C1531)			
** DISCCART	406162.498057107	3758712.50494153	336.10	1.50
** receptor	=B1573+1 (sensitive receptor: C1532)			
** DISCCART	406162.498057107	3758662.50511885	331.30	1.50
** receptor	=B1574+1 (sensitive receptor: C1533)			
** DISCCART	406162.498057107	3758612.50529617	325.60	1.50
** receptor	=B1575+1 (sensitive receptor: C1534)			
** DISCCART	406212.500856919	3759412.50245906	483.40	1.50
** receptor	=B1576+1 (sensitive receptor: C1535)			
** DISCCART	406212.500856919	3759362.50263638	474.30	1.50
** receptor	=B1577+1 (sensitive receptor: C1536)			
** DISCCART	406212.500856919	3759312.5028137	454.20	1.50
** receptor	=B1578+1 (sensitive receptor: C1537)			
** DISCCART	406212.500856919	3759262.50299102	433.30	1.50
** receptor	=B1579+1 (sensitive receptor: C1538)			
** DISCCART	406212.500856919	3759212.50316834	415.30	1.50
** receptor	=B1580+1 (sensitive receptor: C1539)			
** DISCCART	406212.500856919	3759162.50334566	405.50	1.50
** receptor	=B1581+1 (sensitive receptor: C1540)			

Appendix B

PM Annual Emissions unmitigated

** receptor	DISCCART	406212.500856919	3759112.50352298	398.90	1.50
	=B1582+1 (sensitive receptor: C1541)				
** receptor	DISCCART	406212.500856919	3759062.5037003	393.60	1.50
	=B1583+1 (sensitive receptor: C1542)				
** receptor	DISCCART	406212.500856919	3759012.50387762	385.80	1.50
	=B1584+1 (sensitive receptor: C1543)				
** receptor	DISCCART	406212.500856919	3758962.50405494	380.50	1.50
	=B1585+1 (sensitive receptor: C1544)				
** receptor	DISCCART	406212.500856919	3758912.50423226	371.10	1.50
	=B1586+1 (sensitive receptor: C1545)				
** receptor	DISCCART	406212.500856919	3758862.50440957	362.80	1.50
	=B1587+1 (sensitive receptor: C1546)				
** receptor	DISCCART	406212.500856919	3758812.50458689	355.80	1.50
	=B1588+1 (sensitive receptor: C1547)				
** receptor	DISCCART	406212.500856919	3758762.50476421	344.80	1.50
	=B1589+1 (sensitive receptor: C1548)				
** receptor	DISCCART	406212.500856919	3758712.50494153	338.30	1.50
	=B1590+1 (sensitive receptor: C1549)				
** receptor	DISCCART	406212.500856919	3758662.50511885	334.60	1.50
	=B1591+1 (sensitive receptor: C1550)				
** receptor	DISCCART	406212.500856919	3758612.50529617	331.70	1.50
	=B1592+1 (sensitive receptor: C1551)				
** receptor	DISCCART	406262.495410886	3759412.50245906	499.50	1.50
	=B1593+1 (sensitive receptor: C1552)				
** receptor	DISCCART	406262.495410886	3759362.50263638	473.10	1.50
	=B1594+1 (sensitive receptor: C1553)				
** receptor	DISCCART	406262.495410886	3759312.5028137	453.10	1.50
	=B1595+1 (sensitive receptor: C1554)				
** receptor	DISCCART	406262.495410886	3759262.50299102	440.00	1.50
	=B1596+1 (sensitive receptor: C1555)				
** receptor	DISCCART	406262.495410886	3759212.50316834	421.40	1.50
	=B1597+1 (sensitive receptor: C1556)				
** receptor	DISCCART	406262.495410886	3759162.50334566	411.60	1.50
	=B1598+1 (sensitive receptor: C1557)				
** receptor	DISCCART	406262.495410886	3759112.50352298	403.40	1.50
	=B1599+1 (sensitive receptor: C1558)				
** receptor	DISCCART	406262.495410886	3759062.5037003	396.90	1.50
	=B1600+1 (sensitive receptor: C1559)				
** receptor	DISCCART	406262.495410886	3759012.50387762	387.00	1.50
	=B1601+1 (sensitive receptor: C1560)				
** receptor	DISCCART	406262.495410886	3758962.50405494	380.50	1.50
	=B1602+1 (sensitive receptor: C1561)				
** receptor	DISCCART	406262.495410886	3758912.50423226	372.20	1.50
	=B1603+1 (sensitive receptor: C1562)				
** receptor	DISCCART	406262.495410886	3758862.50440957	362.40	1.50
	=B1604+1 (sensitive receptor: C1563)				
** receptor	DISCCART	406262.495410886	3758812.50458689	355.80	1.50
	=B1605+1 (sensitive receptor: C1564)				
** receptor	DISCCART	406262.495410886	3758762.50476421	347.70	1.50
	=B1606+1 (sensitive receptor: C1565)				
** receptor	DISCCART	406262.495410886	3758712.50494153	343.20	1.50
	=B1607+1 (sensitive receptor: C1566)				
** receptor	DISCCART	406262.495410886	3758662.50511885	338.30	1.50
	=B1608+1 (sensitive receptor: C1567)				
** receptor	DISCCART	406262.495410886	3758612.50529617	336.60	1.50
	=B1609+1 (sensitive receptor: C1568)				
** receptor	DISCCART	406312.498210697	3759412.50245906	508.40	1.50
	=B1610+1 (sensitive receptor: C1569)				
** receptor	DISCCART	406312.498210697	3759362.50263638	489.00	1.50
	=B1611+1 (sensitive receptor: C1570)				
** receptor	DISCCART	406312.498210697	3759312.5028137	458.40	1.50
	=B1612+1 (sensitive receptor: C1571)				
** receptor	DISCCART	406312.498210697	3759262.50299102	444.40	1.50
	=B1613+1 (sensitive receptor: C1572)				
** receptor	DISCCART	406312.498210697	3759212.50316834	428.00	1.50
	=B1614+1 (sensitive receptor: C1573)				
** receptor	DISCCART	406312.498210697	3759162.50334566	415.30	1.50
	=B1615+1 (sensitive receptor: C1574)				
** receptor	DISCCART	406312.498210697	3759112.50352298	405.00	1.50
	=B1616+1 (sensitive receptor: C1575)				
** receptor	DISCCART	406312.498210697	3759062.5037003	396.90	1.50
	=B1617+1 (sensitive receptor: C1576)				
** receptor	DISCCART	406312.498210697	3759012.50387762	388.60	1.50
	=B1618+1 (sensitive receptor: C1577)				
** receptor	DISCCART	406312.498210697	3758962.50405494	378.80	1.50
	=B1619+1 (sensitive receptor: C1578)				

Appendix B

PM Annual Emissions unmitigated

** DISCCART	406312.498210697	3758912.50423226	370.60	1.50
** receptor	=B1620+1 (sensitive receptor: C1579)			
** DISCCART	406312.498210697	3758862.50440957	364.10	1.50
** receptor	=B1621+1 (sensitive receptor: C1580)			
** DISCCART	406312.498210697	3758812.50458689	357.50	1.50
** receptor	=B1622+1 (sensitive receptor: C1581)			
** DISCCART	406312.498210697	3758762.50476421	351.00	1.50
** receptor	=B1623+1 (sensitive receptor: C1582)			
** DISCCART	406312.498210697	3758712.50494153	344.80	1.50
** receptor	=B1624+1 (sensitive receptor: C1583)			
** DISCCART	406312.498210697	3758662.50511885	343.20	1.50
** receptor	=B1625+1 (sensitive receptor: C1584)			
** DISCCART	406312.498210697	3758612.50529617	342.00	1.50
** receptor	=B1626+1 (sensitive receptor: C1585)			
** DISCCART	406362.501010508	3759412.50245906	488.00	1.50
** receptor	=B1627+1 (sensitive receptor: C1586)			
** DISCCART	406362.501010508	3759362.50263638	481.90	1.50
** receptor	=B1628+1 (sensitive receptor: C1587)			
** DISCCART	406362.501010508	3759312.5028137	457.50	1.50
** receptor	=B1629+1 (sensitive receptor: C1588)			
** DISCCART	406362.501010508	3759262.50299102	440.60	1.50
** receptor	=B1630+1 (sensitive receptor: C1589)			
** DISCCART	406362.501010508	3759212.50316834	429.70	1.50
** receptor	=B1631+1 (sensitive receptor: C1590)			
** DISCCART	406362.501010508	3759162.50334566	417.00	1.50
** receptor	=B1632+1 (sensitive receptor: C1591)			
** DISCCART	406362.501010508	3759112.50352298	407.20	1.50
** receptor	=B1633+1 (sensitive receptor: C1592)			
** DISCCART	406362.501010508	3759062.5037003	398.40	1.50
** receptor	=B1634+1 (sensitive receptor: C1593)			
** DISCCART	406362.501010508	3759012.50387762	389.10	1.50
** receptor	=B1635+1 (sensitive receptor: C1594)			
** DISCCART	406362.501010508	3758962.50405494	380.50	1.50
** receptor	=B1636+1 (sensitive receptor: C1595)			
** DISCCART	406362.501010508	3758912.50423226	372.20	1.50
** receptor	=B1637+1 (sensitive receptor: C1596)			
** DISCCART	406362.501010508	3758862.50440957	361.90	1.50
** receptor	=B1638+1 (sensitive receptor: C1597)			
** DISCCART	406362.501010508	3758812.50458689	356.60	1.50
** receptor	=B1639+1 (sensitive receptor: C1598)			
** DISCCART	406362.501010508	3758762.50476421	353.00	1.50
** receptor	=B1640+1 (sensitive receptor: C1599)			
** DISCCART	406362.501010508	3758712.50494153	351.00	1.50
** receptor	=B1641+1 (sensitive receptor: C1600)			
** DISCCART	406362.501010508	3758662.50511885	349.70	1.50
** receptor	=B1642+1 (sensitive receptor: C1601)			
** DISCCART	406362.501010508	3758612.50529617	347.70	1.50
** receptor	=B1643+1 (sensitive receptor: C1602)			
** DISCCART	406412.503810319	3759312.5028137	452.60	1.50
** receptor	=B1644+1 (sensitive receptor: C1603)			
** DISCCART	406412.503810319	3759262.50299102	442.80	1.50
** receptor	=B1645+1 (sensitive receptor: C1604)			
** DISCCART	406412.503810319	3759212.50316834	431.70	1.50
** receptor	=B1646+1 (sensitive receptor: C1605)			
** DISCCART	406412.503810319	3759162.50334566	418.10	1.50
** receptor	=B1647+1 (sensitive receptor: C1606)			
** DISCCART	406412.503810319	3759112.50352298	408.30	1.50
** receptor	=B1648+1 (sensitive receptor: C1607)			
** DISCCART	406412.503810319	3759062.5037003	399.70	1.50
** receptor	=B1649+1 (sensitive receptor: C1608)			
** DISCCART	406412.503810319	3759012.50387762	391.90	1.50
** receptor	=B1650+1 (sensitive receptor: C1609)			
** DISCCART	406412.503810319	3758962.50405494	382.00	1.50
** receptor	=B1651+1 (sensitive receptor: C1610)			
** DISCCART	406412.503810319	3758912.50423226	372.20	1.50
** receptor	=B1652+1 (sensitive receptor: C1611)			
** DISCCART	406412.503810319	3758862.50440957	358.60	1.50
** receptor	=B1653+1 (sensitive receptor: C1612)			
** DISCCART	406412.503810319	3758812.50458689	356.30	1.50
** receptor	=B1654+1 (sensitive receptor: C1613)			
** DISCCART	406412.503810319	3758762.50476421	356.40	1.50
** receptor	=B1655+1 (sensitive receptor: C1614)			
** DISCCART	406412.503810319	3758712.50494153	357.50	1.50
** receptor	=B1656+1 (sensitive receptor: C1615)			
** DISCCART	406412.503810319	3758662.50511885	357.50	1.50
** receptor	=B1657+1 (sensitive receptor: C1616)			

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** DISCCART	406412.503810319	3758612.50529617	354.20	1.50
** receptor	=B1658+1 (sensitive receptor: C1617)			
** DISCCART	406462.498364286	3759312.5028137	452.60	1.50
** receptor	=B1659+1 (sensitive receptor: C1618)			
** DISCCART	406462.498364286	3759262.50299102	443.20	1.50
** receptor	=B1660+1 (sensitive receptor: C1619)			
** DISCCART	406462.498364286	3759212.50316834	431.20	1.50
** receptor	=B1661+1 (sensitive receptor: C1620)			
** DISCCART	406462.498364286	3759162.50334566	418.10	1.50
** receptor	=B1662+1 (sensitive receptor: C1621)			
** DISCCART	406462.498364286	3759112.50352298	408.30	1.50
** receptor	=B1663+1 (sensitive receptor: C1622)			
** DISCCART	406462.498364286	3759062.5037003	396.90	1.50
** receptor	=B1664+1 (sensitive receptor: C1623)			
** DISCCART	406462.498364286	3759012.50387762	391.90	1.50
** receptor	=B1665+1 (sensitive receptor: C1624)			
** DISCCART	406462.498364286	3758962.50405494	384.20	1.50
** receptor	=B1666+1 (sensitive receptor: C1625)			
** DISCCART	406462.498364286	3758912.50423226	376.40	1.50
** receptor	=B1667+1 (sensitive receptor: C1626)			
** DISCCART	406462.498364286	3758862.50440957	361.70	1.50
** receptor	=B1668+1 (sensitive receptor: C1627)			
** DISCCART	406462.498364286	3758812.50458689	359.70	1.50
** receptor	=B1669+1 (sensitive receptor: C1628)			
** DISCCART	406462.498364286	3758762.50476421	363.00	1.50
** receptor	=B1670+1 (sensitive receptor: C1629)			
** DISCCART	406462.498364286	3758712.50494153	363.00	1.50
** receptor	=B1671+1 (sensitive receptor: C1630)			
** DISCCART	406462.498364286	3758662.50511885	360.80	1.50
** receptor	=B1672+1 (sensitive receptor: C1631)			
** DISCCART	406462.498364286	3758612.50529617	357.50	1.50
** receptor	=B1673+1 (sensitive receptor: C1632)			
** DISCCART	406512.501164097	3759262.50299102	446.10	1.50
** receptor	=B1674+1 (sensitive receptor: C1633)			
** DISCCART	406512.501164097	3759212.50316834	433.30	1.50
** receptor	=B1675+1 (sensitive receptor: C1634)			
** DISCCART	406512.501164097	3759162.50334566	418.10	1.50
** receptor	=B1676+1 (sensitive receptor: C1635)			
** DISCCART	406512.501164097	3759112.50352298	410.00	1.50
** receptor	=B1677+1 (sensitive receptor: C1636)			
** DISCCART	406512.501164097	3759062.5037003	402.20	1.50
** receptor	=B1678+1 (sensitive receptor: C1637)			
** DISCCART	406512.501164097	3759012.50387762	394.00	1.50
** receptor	=B1679+1 (sensitive receptor: C1638)			
** DISCCART	406512.501164097	3758962.50405494	384.90	1.50
** receptor	=B1680+1 (sensitive receptor: C1639)			
** DISCCART	406512.501164097	3758912.50423226	378.80	1.50
** receptor	=B1681+1 (sensitive receptor: C1640)			
** DISCCART	406512.501164097	3758862.50440957	371.60	1.50
** receptor	=B1682+1 (sensitive receptor: C1641)			
** DISCCART	406512.501164097	3758812.50458689	374.80	1.50
** receptor	=B1683+1 (sensitive receptor: C1642)			
** DISCCART	406512.501164097	3758762.50476421	372.70	1.50
** receptor	=B1684+1 (sensitive receptor: C1643)			
** DISCCART	406512.501164097	3758712.50494153	370.60	1.50
** receptor	=B1685+1 (sensitive receptor: C1644)			
** DISCCART	406512.501164097	3758662.50511885	367.40	1.50
** receptor	=B1686+1 (sensitive receptor: C1645)			
** DISCCART	406512.501164097	3758612.50529617	362.80	1.50
** receptor	=B1687+1 (sensitive receptor: C1646)			
** DISCCART	406537.502564003	3758562.50547349	360.80	1.50
** receptor	=B1688+1 (sensitive receptor: C1647)			
** DISCCART	406562.495718064	3759262.50299102	450.90	1.50
** receptor	=B1689+1 (sensitive receptor: C1648)			
** DISCCART	406562.495718064	3759212.50316834	438.30	1.50
** receptor	=B1690+1 (sensitive receptor: C1649)			
** DISCCART	406562.495718064	3759162.50334566	425.60	1.50
** receptor	=B1691+1 (sensitive receptor: C1650)			
** DISCCART	406562.495718064	3759112.50352298	415.30	1.50
** receptor	=B1692+1 (sensitive receptor: C1651)			
** DISCCART	406562.495718064	3759062.5037003	406.70	1.50
** receptor	=B1693+1 (sensitive receptor: C1652)			
** DISCCART	406562.495718064	3759012.50387762	398.40	1.50
** receptor	=B1694+1 (sensitive receptor: C1653)			
** DISCCART	406562.495718064	3758962.50405494	383.00	1.50
** receptor	=B1695+1 (sensitive receptor: C1654)			

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** DISCCART	406562.495718064	3758912.50423226	381.40	1.50
** receptor	=B1696+1 (sensitive receptor: C1655)			
** DISCCART	406562.495718064	3758862.50440957	384.70	1.50
** receptor	=B1697+1 (sensitive receptor: C1656)			
** DISCCART	406562.495718064	3758812.50458689	383.80	1.50
** receptor	=B1698+1 (sensitive receptor: C1657)			
** DISCCART	406562.495718064	3758762.50476421	380.50	1.50
** receptor	=B1699+1 (sensitive receptor: C1658)			
** DISCCART	406562.495718064	3758712.50494153	377.20	1.50
** receptor	=B1700+1 (sensitive receptor: C1659)			
** DISCCART	406562.495718064	3758662.50511885	372.70	1.50
** receptor	=B1701+1 (sensitive receptor: C1660)			
** DISCCART	406562.495718064	3758612.50529617	367.40	1.50
** receptor	=B1702+1 (sensitive receptor: C1661)			
** DISCCART	406587.49711797	3758562.50547349	362.40	1.50
** receptor	=B1703+1 (sensitive receptor: C1662)			
** DISCCART	406612.498517875	3759212.50316834	447.60	1.50
** receptor	=B1704+1 (sensitive receptor: C1663)			
** DISCCART	406612.498517875	3759162.50334566	435.00	1.50
** receptor	=B1705+1 (sensitive receptor: C1664)			
** DISCCART	406612.498517875	3759112.50352298	421.90	1.50
** receptor	=B1706+1 (sensitive receptor: C1665)			
** DISCCART	406612.498517875	3759062.5037003	411.60	1.50
** receptor	=B1707+1 (sensitive receptor: C1666)			
** DISCCART	406612.498517875	3759012.50387762	398.40	1.50
** receptor	=B1708+1 (sensitive receptor: C1667)			
** DISCCART	406612.498517875	3758962.50405494	397.40	1.50
** receptor	=B1709+1 (sensitive receptor: C1668)			
** DISCCART	406612.498517875	3758912.50423226	397.40	1.50
** receptor	=B1710+1 (sensitive receptor: C1669)			
** DISCCART	406612.498517875	3758862.50440957	395.60	1.50
** receptor	=B1711+1 (sensitive receptor: C1670)			
** DISCCART	406612.498517875	3758812.50458689	390.80	1.50
** receptor	=B1712+1 (sensitive receptor: C1671)			
** DISCCART	406612.498517875	3758762.50476421	385.30	1.50
** receptor	=B1713+1 (sensitive receptor: C1672)			
** DISCCART	406612.498517875	3758712.50494153	380.90	1.50
** receptor	=B1714+1 (sensitive receptor: C1673)			
** DISCCART	406612.498517875	3758662.50511885	375.50	1.50
** receptor	=B1715+1 (sensitive receptor: C1674)			
** DISCCART	406637.499917781	3758562.50547349	360.80	1.50
** receptor	=B1716+1 (sensitive receptor: C1675)			
** DISCCART	406662.501317687	3759162.50334566	437.80	1.50
** receptor	=B1717+1 (sensitive receptor: C1676)			
** DISCCART	406662.501317687	3759112.50352298	422.60	1.50
** receptor	=B1718+1 (sensitive receptor: C1677)			
** DISCCART	406662.501317687	3759062.5037003	417.00	1.50
** receptor	=B1719+1 (sensitive receptor: C1678)			
** DISCCART	406662.501317687	3759012.50387762	407.60	1.50
** receptor	=B1720+1 (sensitive receptor: C1679)			
** DISCCART	406662.501317687	3758962.50405494	409.40	1.50
** receptor	=B1721+1 (sensitive receptor: C1680)			
** DISCCART	406662.501317687	3758912.50423226	407.20	1.50
** receptor	=B1722+1 (sensitive receptor: C1681)			
** DISCCART	406662.501317687	3758862.50440957	402.20	1.50
** receptor	=B1723+1 (sensitive receptor: C1682)			
** DISCCART	406662.501317687	3758812.50458689	395.20	1.50
** receptor	=B1724+1 (sensitive receptor: C1683)			
** DISCCART	406662.501317687	3758762.50476421	387.00	1.50
** receptor	=B1725+1 (sensitive receptor: C1684)			
** DISCCART	406662.501317687	3758712.50494153	380.50	1.50
** receptor	=B1726+1 (sensitive receptor: C1685)			
** DISCCART	406687.502717592	3758562.50547349	364.90	1.50
** receptor	=B1727+1 (sensitive receptor: C1686)			
** DISCCART	406712.495871654	3759162.50334566	437.80	1.50
** receptor	=B1728+1 (sensitive receptor: C1687)			
** DISCCART	406712.495871654	3759112.50352298	427.30	1.50
** receptor	=B1729+1 (sensitive receptor: C1688)			
** DISCCART	406712.495871654	3759062.5037003	436.00	1.50
** receptor	=B1730+1 (sensitive receptor: C1689)			
** DISCCART	406712.495871654	3759012.50387762	426.80	1.50
** receptor	=B1731+1 (sensitive receptor: C1690)			
** DISCCART	406712.495871654	3758962.50405494	423.10	1.50
** receptor	=B1732+1 (sensitive receptor: C1691)			
** DISCCART	406712.495871654	3758912.50423226	411.60	1.50
** receptor	=B1733+1 (sensitive receptor: C1692)			

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** DISCCART	406712.495871654	3758862.50440957	401.30	1.50
** receptor	=B1734+1 (sensitive receptor: C1693)			
** DISCCART	406712.495871654	3758612.50529617	379.20	1.50
** receptor	=B1735+1 (sensitive receptor: C1694)			
** DISCCART	406737.497271559	3758562.50547349	367.40	1.50
** receptor	=B1736+1 (sensitive receptor: C1695)			
** DISCCART	406762.498671465	3759062.5037003	457.90	1.50
** receptor	=B1737+1 (sensitive receptor: C1696)			
** DISCCART	406762.498671465	3759012.50387762	438.30	1.50
** receptor	=B1738+1 (sensitive receptor: C1697)			
** DISCCART	406762.498671465	3758962.50405494	424.70	1.50
** receptor	=B1739+1 (sensitive receptor: C1698)			
** DISCCART	406762.498671465	3758912.50423226	409.90	1.50
** receptor	=B1740+1 (sensitive receptor: C1699)			
** DISCCART	406762.498671465	3758662.50511885	389.80	1.50
** receptor	=B1741+1 (sensitive receptor: C1700)			
** DISCCART	406762.498671465	3758612.50529617	378.30	1.50
** receptor	=B1742+1 (sensitive receptor: C1701)			
** DISCCART	406787.50007137	3758562.50547349	370.50	1.50
** receptor	=B1743+1 (sensitive receptor: C1702)			
** DISCCART	406812.501471276	3759012.50387762	445.90	1.50
** receptor	=B1744+1 (sensitive receptor: C1703)			
** DISCCART	406812.501471276	3758962.50405494	423.80	1.50
** receptor	=B1745+1 (sensitive receptor: C1704)			
** DISCCART	406812.501471276	3758712.50494153	400.60	1.50
** receptor	=B1746+1 (sensitive receptor: C1705)			
** DISCCART	406812.501471276	3758662.50511885	392.40	1.50
** receptor	=B1747+1 (sensitive receptor: C1706)			
** DISCCART	406812.501471276	3758612.50529617	383.80	1.50
** receptor	=B1748+1 (sensitive receptor: C1707)			
** DISCCART	406837.502871182	3758562.50547349	357.50	1.50
** receptor	=B1749+1 (sensitive receptor: C1708)			
** DISCCART	406862.496025243	3758762.50476421	408.80	1.50
** receptor	=B1750+1 (sensitive receptor: C1709)			
** DISCCART	406862.496025243	3758712.50494153	403.40	1.50
** receptor	=B1751+1 (sensitive receptor: C1710)			
** DISCCART	406862.496025243	3758662.50511885	393.60	1.50
** receptor	=B1752+1 (sensitive receptor: C1711)			
** DISCCART	406862.496025243	3758612.50529617	377.80	1.50
** receptor	=B1753+1 (sensitive receptor: C1712)			
** DISCCART	406887.497425149	3758562.50547349	377.60	1.50
** receptor	=B1754+1 (sensitive receptor: C1713)			
** DISCCART	406912.498825054	3758762.50476421	411.60	1.50
** receptor	=B1755+1 (sensitive receptor: C1714)			
** DISCCART	406912.498825054	3758712.50494153	399.70	1.50
** receptor	=B1756+1 (sensitive receptor: C1715)			
** DISCCART	406912.498825054	3758662.50511885	388.60	1.50
** receptor	=B1757+1 (sensitive receptor: C1716)			
** DISCCART	406912.498825054	3758612.50529617	369.60	1.50
** receptor	=B1758+1 (sensitive receptor: C1717)			
** DISCCART	406937.50022496	3758562.50547349	382.00	1.50
** receptor	=B1759+1 (sensitive receptor: C1718)			
** DISCCART	406962.501624865	3758762.50476421	411.60	1.50
** receptor	=B1760+1 (sensitive receptor: C1719)			
** DISCCART	406962.501624865	3758712.50494153	398.40	1.50
** receptor	=B1761+1 (sensitive receptor: C1720)			
** DISCCART	406962.501624865	3758662.50511885	385.30	1.50
** receptor	=B1762+1 (sensitive receptor: C1721)			
** DISCCART	406962.501624865	3758612.50529617	380.50	1.50
** receptor	=B1763+1 (sensitive receptor: C1722)			
** DISCCART	406987.503024771	3758562.50547349	393.30	1.50
** receptor	=B1764+1 (sensitive receptor: C1723)			
** DISCCART	407012.504424677	3758712.50494153	400.80	1.50
** receptor	=B1765+1 (sensitive receptor: C1724)			
** DISCCART	407012.504424677	3758662.50511885	378.80	1.50
** receptor	=B1766+1 (sensitive receptor: C1725)			
** DISCCART	407012.504424677	3758612.50529617	385.50	1.50
** receptor	=B1767+1 (sensitive receptor: C1726)			
** DISCCART	407037.497578738	3758562.50547349	399.80	1.50
** receptor	=B1768+1 (sensitive receptor: C1727)			
** DISCCART	407062.498978644	3758662.50511885	377.70	1.50
** receptor	=B1769+1 (sensitive receptor: C1728)			
** DISCCART	407062.498978644	3758612.50529617	396.70	1.50
** receptor	=B1770+1 (sensitive receptor: C1729)			
** DISCCART	407087.500378549	3758562.50547349	406.70	1.50
** receptor	=B1771+1 (sensitive receptor: C1730)			

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DISCCART 407112.501778455 3758662.50511885 396.80 1.50
 ** receptor =B1772+1 (sensitive receptor: C1731)
 DISCCART 407112.501778455 3758612.50529617 407.60 1.50
 ** receptor =B1773+1 (sensitive receptor: C1732)
 DISCCART 407137.50317836 3758562.50547349 416.60 1.50
 ** receptor =B1774+1 (sensitive receptor: C1733)
 DISCCART 407162.496332422 3758662.50511885 420.80 1.50
 ** receptor =B1775+1 (sensitive receptor: C1734)
 DISCCART 407162.496332422 3758612.50529617 416.60 1.50
 ** receptor =B1776+1 (sensitive receptor: C1735)
 DISCCART 407187.497732327 3758562.50547349 439.50 1.50
 ** receptor =B1777+1 (sensitive receptor: C1736)
 DISCCART 407212.499132233 3758662.50511885 435.40 1.50
 ** receptor =B1778+1 (sensitive receptor: C1737)
 DISCCART 407212.499132233 3758612.50529617 441.20 1.50
 ** receptor =B1779+1 (sensitive receptor: C1738)
 DISCCART 407237.500532139 3758562.50547349 457.60 1.50
 ** receptor =B1780+1 (sensitive receptor: C1739)
 DISCCART 407262.501932044 3758662.50511885 450.30 1.50
 ** receptor =B1781+1 (sensitive receptor: C1740)
 DISCCART 407262.501932044 3758612.50529617 450.30 1.50
 ** receptor =B1782+1 (sensitive receptor: C1741)
 DISCCART 407287.50333195 3758562.50547349 459.60 1.50
 ** receptor =B1783+1 (sensitive receptor: C1742)
 DISCCART 407312.496486011 3758662.50511885 466.70 1.50
 ** receptor =B1784+1 (sensitive receptor: C1743)
 DISCCART 407312.496486011 3758612.50529617 463.40 1.50
 ** receptor =B1785+1 (sensitive receptor: C1744)
 DISCCART 407337.497885917 3758562.50547349 475.30 1.50
 ** receptor =B1786+1 (sensitive receptor: C1745)
 DISCCART 407362.499285822 3758662.50511885 484.30 1.50
 ** receptor =B1787+1 (sensitive receptor: C1746)
 DISCCART 407362.499285822 3758612.50529617 479.80 1.50
 ** receptor =B1788+1 (sensitive receptor: C1747)
 DISCCART 407387.500685728 3758562.50547349 489.20 1.50
 ** receptor =B1789+1 (sensitive receptor: C1748)
 DISCCART 407412.502085634 3758662.50511885 497.40 1.50
 ** receptor =B1790+1 (sensitive receptor: C1749)
 DISCCART 407412.502085634 3758612.50529617 500.70 1.50
 ** receptor =B1791+1 (sensitive receptor: C1750)
 DISCCART 407437.495239695 3758562.50547349 507.00 1.50
 ** receptor =B1792+1 (sensitive receptor: C1751)
 DISCCART 407462.4966396 3758662.50511885 504.60 1.50
 ** receptor =B1793+1 (sensitive receptor: C1752)
 DISCCART 407462.4966396 3758612.50529617 505.90 1.50
 ** receptor =B1794+1 (sensitive receptor: C1753)
 DISCCART 407487.498039506 3758562.50547349 501.70 1.50
 ** receptor =B1795+1 (sensitive receptor: C1754)
 DISCCART 407512.499439412 3758662.50511885 483.60 1.50
 ** receptor =B1796+1 (sensitive receptor: C1755)
 DISCCART 407512.499439412 3758612.50529617 477.00 1.50
 ** receptor =B1797+1 (sensitive receptor: C1756)
 DISCCART 407537.500839317 3758562.50547349 0.00 1.50
 ** receptor =B1798+1 (sensitive receptor: C1757)
 DISCCART 407562.502239223 3758662.50511885 0.00 1.50
 ** receptor =B1799+1 (sensitive receptor: C1758)
 DISCCART 407562.502239223 3758612.50529617 0.00 1.50
 ** receptor =B1800+1 (sensitive receptor: C1759)
 DISCCART 407587.495393284 3758562.50547349 0.00 1.50
 ** receptor =B1801+1 (sensitive receptor: C1760)
 DISCCART 407612.49679319 3758662.50511885 0.00 1.50
 ** receptor =B1802+1 (sensitive receptor: C1761)
 DISCCART 407612.49679319 3758612.50529617 0.00 1.50
 ** receptor =B1803+1 (sensitive receptor: C1762)
 DISCCART 407637.498193095 3758562.50547349 0.00 1.50
 ** receptor =B1804+1 (sensitive receptor: C1763)
 DISCCART 407662.499593001 3758612.50529617 0.00 1.50
 ** receptor =B1805+1 (sensitive receptor: C1764)
 DISCCART 407687.500992907 3758562.50547349 0.00 1.50
 ** receptor =B1806+1 (sensitive receptor: C1765)
 DISCCART 407712.502392812 3758612.50529617 0.00 1.50
 ** receptor =B1807+1 (sensitive receptor: C1766)
 DISCCART 407737.495546874 3758562.50547349 0.00 1.50
 ** receptor =B1808+1 (sensitive receptor: C1767)
 DISCCART 407762.496946779 3758612.50529617 0.00 1.50
 ** receptor =B1809+1 (sensitive receptor: C1768)

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DISCCART 407787.498346685 3758562.50547349 0.00 1.50
 ** receptor =B1810+1 (sensitive receptor: C1769)
 DISCCART 407812.49974659 3758612.50529617 0.00 1.50
 ** receptor =B1811+1 (sensitive receptor: C1770)
 DISCCART 407837.501146496 3758562.50547349 0.00 1.50
 ** receptor =B1812+1 (sensitive receptor: C1771)
 DISCCART 407862.502546402 3758612.50529617 0.00 1.50
 ** receptor =B1813+1 (sensitive receptor: C1772)
 DISCCART 407887.503946307 3758562.50547349 0.00 1.50
 ** receptor =B1814+1 (sensitive receptor: C1773)
 DISCCART 407912.497100369 3758612.50529617 0.00 1.50
 ** receptor =B1815+1 (sensitive receptor: C1774)
 DISCCART 407937.498500274 3758562.50547349 0.00 1.50
 ** receptor =B1816+1 (sensitive receptor: C1775)
 DISCCART 407962.49990018 3758612.50529617 0.00 1.50
 ** receptor =B1817+1 (sensitive receptor: C1776)
 DISCCART 407987.501300085 3758562.50547349 0.00 1.50
 ** receptor =B1818+1 (sensitive receptor: C1777)
 DISCCART 408012.502699991 3758612.50529617 0.00 1.50
 ** receptor =B1819+1 (sensitive receptor: C1778)
 DISCCART 408037.495854052 3758562.50547349 0.00 1.50
 ** receptor =B1820+1 (sensitive receptor: C1779)
 DISCCART 408062.497253958 3758612.50529617 0.00 1.50
 ** receptor =B1821+1 (sensitive receptor: C1780)
 DISCCART 408087.498653864 3758562.50547349 0.00 1.50
 ** receptor =B1822+1 (sensitive receptor: C1781)
 DISCCART 408112.500053769 3758612.50529617 0.00 1.50
 ** receptor =B1823+1 (sensitive receptor: C1782)
 DISCCART 405962.503349551 3758537.50056317 302.70 1.50
 ** receptor =B1824+1 (sensitive receptor: C1783)
 DISCCART 405987.496503612 3758562.50547349 307.90 1.50
 ** receptor =B1825+1 (sensitive receptor: C1784)
 DISCCART 406037.499303424 3758562.50547349 311.60 1.50
 ** receptor =B1826+1 (sensitive receptor: C1785)
 DISCCART 406087.502103235 3758562.50547349 314.90 1.50
 ** receptor =B1827+1 (sensitive receptor: C1786)
 DISCCART 406137.496657202 3758562.50547349 321.10 1.50
 ** receptor =B1828+1 (sensitive receptor: C1787)
 DISCCART 406187.499457013 3758562.50547349 324.70 1.50
 ** receptor =B1829+1 (sensitive receptor: C1788)
 DISCCART 406237.502256824 3758562.50547349 332.50 1.50
 ** receptor =B1830+1 (sensitive receptor: C1789)
 DISCCART 406287.496810791 3758562.50547349 339.10 1.50
 ** receptor =B1831+1 (sensitive receptor: C1790)
 DISCCART 406337.499610602 3758562.50547349 344.40 1.50
 ** receptor =B1832+1 (sensitive receptor: C1791)
 DISCCART 406387.502410414 3758562.50547349 347.70 1.50
 ** receptor =B1833+1 (sensitive receptor: C1792)
 DISCCART 406437.496964381 3758562.50547349 353.50 1.50
 ** receptor =B1834+1 (sensitive receptor: C1793)
 DISCCART 406487.499764192 3758562.50547349 357.50 1.50
 ** receptor =B1835+1 (sensitive receptor: C1794)
 DISCCART 406537.502564003 3758537.50056317 357.50 1.50
 ** receptor =B1836+1 (sensitive receptor: C1795)
 DISCCART 406587.49711797 3758537.50056317 360.00 1.50
 ** receptor =B1837+1 (sensitive receptor: C1796)
 DISCCART 406637.499917781 3758537.50056317 357.50 1.50
 ** receptor =B1838+1 (sensitive receptor: C1797)
 DISCCART 406687.502717592 3758537.50056317 360.80 1.50
 ** receptor =B1839+1 (sensitive receptor: C1798)
 DISCCART 406737.497271559 3758537.50056317 360.70 1.50
 ** receptor =B1840+1 (sensitive receptor: C1799)
 DISCCART 406787.50007137 3758537.50056317 360.80 1.50
 ** receptor =B1841+1 (sensitive receptor: C1800)
 DISCCART 406837.502871182 3758537.50056317 364.10 1.50
 ** receptor =B1842+1 (sensitive receptor: C1801)
 DISCCART 406887.497425149 3758537.50056317 373.10 1.50
 ** receptor =B1843+1 (sensitive receptor: C1802)
 DISCCART 406937.50022496 3758537.50056317 380.50 1.50
 ** receptor =B1844+1 (sensitive receptor: C1803)
 DISCCART 406987.503024771 3758537.50056317 396.20 1.50
 ** receptor =B1845+1 (sensitive receptor: C1804)
 DISCCART 407037.497578738 3758537.50056317 400.20 1.50
 ** receptor =B1846+1 (sensitive receptor: C1805)
 DISCCART 407087.500378549 3758537.50056317 409.40 1.50
 ** receptor =B1847+1 (sensitive receptor: C1806)

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DISCCART 407137.50317836 3758537.50056317 422.50 1.50
 ** receptor =B1848+1 (sensitive receptor: C1807)
 DISCCART 407187.497732327 3758537.50056317 451.70 1.50
 ** receptor =B1849+1 (sensitive receptor: C1808)
 DISCCART 407237.500532139 3758537.50056317 462.60 1.50
 ** receptor =B1850+1 (sensitive receptor: C1809)
 DISCCART 407287.50333195 3758537.50056317 471.70 1.50
 ** receptor =B1851+1 (sensitive receptor: C1810)
 DISCCART 407337.497885917 3758537.50056317 482.40 1.50
 ** receptor =B1852+1 (sensitive receptor: C1811)
 DISCCART 407387.500685728 3758537.50056317 488.10 1.50
 ** receptor =B1853+1 (sensitive receptor: C1812)
 DISCCART 407437.495239695 3758537.50056317 503.70 1.50
 ** receptor =B1854+1 (sensitive receptor: C1813)
 DISCCART 407487.498039506 3758537.50056317 509.90 1.50
 ** receptor =B1855+1 (sensitive receptor: C1814)
 DISCCART 407537.500839317 3758537.50056317 0.00 1.50
 ** receptor =B1856+1 (sensitive receptor: C1815)
 DISCCART 407587.495393284 3758537.50056317 0.00 1.50
 ** receptor =B1857+1 (sensitive receptor: C1816)
 DISCCART 407637.498193095 3758537.50056317 0.00 1.50
 ** receptor =B1858+1 (sensitive receptor: C1817)
 DISCCART 407687.500992907 3758537.50056317 0.00 1.50
 ** receptor =B1859+1 (sensitive receptor: C1818)
 DISCCART 407737.495546874 3758537.50056317 0.00 1.50
 ** receptor =B1860+1 (sensitive receptor: C1819)
 DISCCART 407787.498346685 3758537.50056317 0.00 1.50
 ** receptor =B1861+1 (sensitive receptor: C1820)
 DISCCART 407837.501146496 3758537.50056317 0.00 1.50
 ** receptor =B1862+1 (sensitive receptor: C1821)
 DISCCART 407887.503946307 3758537.50056317 0.00 1.50
 ** receptor =B1863+1 (sensitive receptor: C1822)
 DISCCART 407937.498500274 3758537.50056317 0.00 1.50
 ** receptor =B1864+1 (sensitive receptor: C1823)
 DISCCART 407987.501300085 3758537.50056317 0.00 1.50
 ** receptor =B1865+1 (sensitive receptor: C1824)
 DISCCART 408037.495854052 3758537.50056317 0.00 1.50
 ** receptor =B1866+1 (sensitive receptor: C1825)
 DISCCART 408087.498653864 3758537.50056317 0.00 1.50
 ** receptor =B1867+1 (sensitive receptor: C1826)
 DISCCART 405962.503349551 3759987.50541887 754.30 1.50
 ** receptor =B1868+1 (sensitive receptor: C1827)
 DISCCART 405962.503349551 3759937.50559619 733.70 1.50
 ** receptor =B1869+1 (sensitive receptor: C1828)
 DISCCART 405962.503349551 3759887.50577351 704.80 1.50
 ** receptor =B1870+1 (sensitive receptor: C1829)
 DISCCART 405962.503349551 3759837.50595083 641.40 1.50
 ** receptor =B1871+1 (sensitive receptor: C1830)
 DISCCART 405962.503349551 3759787.50612815 628.70 1.50
 ** receptor =B1872+1 (sensitive receptor: C1831)
 DISCCART 405962.503349551 3759737.50630547 619.20 1.50
 ** receptor =B1873+1 (sensitive receptor: C1832)
 DISCCART 405962.503349551 3759687.50648279 548.60 1.50
 ** receptor =B1874+1 (sensitive receptor: C1833)
 DISCCART 405962.503349551 3759637.50666011 532.20 1.50
 ** receptor =B1875+1 (sensitive receptor: C1834)
 DISCCART 405962.503349551 3759587.50683743 515.80 1.50
 ** receptor =B1876+1 (sensitive receptor: C1835)
 DISCCART 405962.503349551 3759537.50701475 522.50 1.50
 ** receptor =B1877+1 (sensitive receptor: C1836)
 DISCCART 405962.503349551 3759487.50719207 522.50 1.50
 ** receptor =B1878+1 (sensitive receptor: C1837)
 DISCCART 405962.503349551 3759437.50736939 515.80 1.50
 ** receptor =B1879+1 (sensitive receptor: C1838)
 DISCCART 405962.503349551 3759387.49754874 488.50 1.50
 ** receptor =B1880+1 (sensitive receptor: C1839)
 DISCCART 405962.503349551 3759337.49772606 453.50 1.50
 ** receptor =B1881+1 (sensitive receptor: C1840)
 DISCCART 405962.503349551 3759287.49790338 420.70 1.50
 ** receptor =B1882+1 (sensitive receptor: C1841)
 DISCCART 405962.503349551 3759237.4980807 394.40 1.50
 ** receptor =B1883+1 (sensitive receptor: C1842)
 DISCCART 405962.503349551 3759187.49825802 377.20 1.50
 ** receptor =B1884+1 (sensitive receptor: C1843)
 DISCCART 405962.503349551 3759137.49843534 373.80 1.50
 ** receptor =B1885+1 (sensitive receptor: C1844)

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** receptor	DISCCART	405962.503349551	3759087.49861266	367.30	1.50
	=B1886+1 (sensitive receptor: C1845)				
** receptor	DISCCART	405962.503349551	3759037.49878997	357.50	1.50
	=B1887+1 (sensitive receptor: C1846)				
** receptor	DISCCART	405962.503349551	3758987.49896729	354.20	1.50
	=B1888+1 (sensitive receptor: C1847)				
** receptor	DISCCART	405962.503349551	3758937.49914461	348.60	1.50
	=B1889+1 (sensitive receptor: C1848)				
** receptor	DISCCART	405962.503349551	3758887.49932193	344.30	1.50
	=B1890+1 (sensitive receptor: C1849)				
** receptor	DISCCART	405962.503349551	3758837.49949925	337.80	1.50
	=B1891+1 (sensitive receptor: C1850)				
** receptor	DISCCART	405962.503349551	3758787.49967657	331.20	1.50
	=B1892+1 (sensitive receptor: C1851)				
** receptor	DISCCART	405962.503349551	3758737.49985389	324.60	1.50
	=B1893+1 (sensitive receptor: C1852)				
** receptor	DISCCART	405962.503349551	3758687.50003121	318.20	1.50
	=B1894+1 (sensitive receptor: C1853)				
** receptor	DISCCART	405962.503349551	3758637.50020853	311.60	1.50
	=B1895+1 (sensitive receptor: C1854)				
** receptor	DISCCART	406012.497903518	3759987.50541887	735.10	1.50
	=B1896+1 (sensitive receptor: C1855)				
** receptor	DISCCART	406012.497903518	3759937.50559619	667.60	1.50
	=B1897+1 (sensitive receptor: C1856)				
** receptor	DISCCART	406012.497903518	3759887.50577351	662.40	1.50
	=B1898+1 (sensitive receptor: C1857)				
** receptor	DISCCART	406012.497903518	3759837.50595083	645.10	1.50
	=B1899+1 (sensitive receptor: C1858)				
** receptor	DISCCART	406012.497903518	3759787.50612815	625.50	1.50
	=B1900+1 (sensitive receptor: C1859)				
** receptor	DISCCART	406012.497903518	3759737.50630547	624.60	1.50
	=B1901+1 (sensitive receptor: C1860)				
** receptor	DISCCART	406012.497903518	3759687.50648279	557.50	1.50
	=B1902+1 (sensitive receptor: C1861)				
** receptor	DISCCART	406012.497903518	3759637.50666011	544.40	1.50
	=B1903+1 (sensitive receptor: C1862)				
** receptor	DISCCART	406012.497903518	3759587.50683743	528.10	1.50
	=B1904+1 (sensitive receptor: C1863)				
** receptor	DISCCART	406012.497903518	3759537.50701475	528.10	1.50
	=B1905+1 (sensitive receptor: C1864)				
** receptor	DISCCART	406012.497903518	3759487.50719207	521.90	1.50
	=B1906+1 (sensitive receptor: C1865)				
** receptor	DISCCART	406012.497903518	3759437.50736939	492.90	1.50
	=B1907+1 (sensitive receptor: C1866)				
** receptor	DISCCART	406012.497903518	3759387.49754874	480.10	1.50
	=B1908+1 (sensitive receptor: C1867)				
** receptor	DISCCART	406012.497903518	3759337.49772606	450.70	1.50
	=B1909+1 (sensitive receptor: C1868)				
** receptor	DISCCART	406012.497903518	3759287.49790338	426.30	1.50
	=B1910+1 (sensitive receptor: C1869)				
** receptor	DISCCART	406012.497903518	3759237.4980807	399.10	1.50
	=B1911+1 (sensitive receptor: C1870)				
** receptor	DISCCART	406012.497903518	3759187.49825802	381.40	1.50
	=B1912+1 (sensitive receptor: C1871)				
** receptor	DISCCART	406012.497903518	3759137.49843534	378.10	1.50
	=B1913+1 (sensitive receptor: C1872)				
** receptor	DISCCART	406012.497903518	3759087.49861266	370.60	1.50
	=B1914+1 (sensitive receptor: C1873)				
** receptor	DISCCART	406012.497903518	3759037.49878997	361.70	1.50
	=B1915+1 (sensitive receptor: C1874)				
** receptor	DISCCART	406012.497903518	3758987.49896729	360.80	1.50
	=B1916+1 (sensitive receptor: C1875)				
** receptor	DISCCART	406012.497903518	3758937.49914461	355.10	1.50
	=B1917+1 (sensitive receptor: C1876)				
** receptor	DISCCART	406012.497903518	3758887.49932193	347.60	1.50
	=B1918+1 (sensitive receptor: C1877)				
** receptor	DISCCART	406012.497903518	3758837.49949925	337.80	1.50
	=B1919+1 (sensitive receptor: C1878)				
** receptor	DISCCART	406012.497903518	3758787.49967657	334.60	1.50
	=B1920+1 (sensitive receptor: C1879)				
** receptor	DISCCART	406012.497903518	3758737.49985389	327.90	1.50
	=B1921+1 (sensitive receptor: C1880)				
** receptor	DISCCART	406012.497903518	3758687.50003121	321.40	1.50
	=B1922+1 (sensitive receptor: C1881)				
** receptor	DISCCART	406012.497903518	3758637.50020853	315.80	1.50
	=B1923+1 (sensitive receptor: C1882)				

Appendix B

PM Annual Emissions unmitigated

DISCCART 406062.500703329 3759987.50541887 686.90 1.50
 ** receptor =B1924+1 (sensitive receptor: C1883)
 DISCCART 406062.500703329 3759837.50595083 582.90 1.50
 ** receptor =B1925+1 (sensitive receptor: C1884)
 DISCCART 406062.500703329 3759787.50612815 563.20 1.50
 ** receptor =B1926+1 (sensitive receptor: C1885)
 DISCCART 406062.500703329 3759737.50630547 545.60 1.50
 ** receptor =B1927+1 (sensitive receptor: C1886)
 DISCCART 406062.500703329 3759687.50648279 548.50 1.50
 ** receptor =B1928+1 (sensitive receptor: C1887)
 DISCCART 406062.500703329 3759637.50666011 528.50 1.50
 ** receptor =B1929+1 (sensitive receptor: C1888)
 DISCCART 406062.500703329 3759587.50683743 517.70 1.50
 ** receptor =B1930+1 (sensitive receptor: C1889)
 DISCCART 406062.500703329 3759537.50701475 480.20 1.50
 ** receptor =B1931+1 (sensitive receptor: C1890)
 DISCCART 406062.500703329 3759487.50719207 465.80 1.50
 ** receptor =B1932+1 (sensitive receptor: C1891)
 DISCCART 406062.500703329 3759437.50736939 454.00 1.50
 ** receptor =B1933+1 (sensitive receptor: C1892)
 DISCCART 406062.500703329 3759387.49754874 437.60 1.50
 ** receptor =B1934+1 (sensitive receptor: C1893)
 DISCCART 406062.500703329 3759337.49772606 424.50 1.50
 ** receptor =B1935+1 (sensitive receptor: C1894)
 DISCCART 406062.500703329 3759287.49790338 414.80 1.50
 ** receptor =B1936+1 (sensitive receptor: C1895)
 DISCCART 406062.500703329 3759237.4980807 393.60 1.50
 ** receptor =B1937+1 (sensitive receptor: C1896)
 DISCCART 406062.500703329 3759187.49825802 390.30 1.50
 ** receptor =B1938+1 (sensitive receptor: C1897)
 DISCCART 406062.500703329 3759137.49843534 383.70 1.50
 ** receptor =B1939+1 (sensitive receptor: C1898)
 DISCCART 406062.500703329 3759087.49861266 377.10 1.50
 ** receptor =B1940+1 (sensitive receptor: C1899)
 DISCCART 406062.500703329 3759037.49878997 370.60 1.50
 ** receptor =B1941+1 (sensitive receptor: C1900)
 DISCCART 406062.500703329 3758987.49896729 367.30 1.50
 ** receptor =B1942+1 (sensitive receptor: C1901)
 DISCCART 406062.500703329 3758937.49914461 357.50 1.50
 ** receptor =B1943+1 (sensitive receptor: C1902)
 DISCCART 406062.500703329 3758887.49932193 351.90 1.50
 ** receptor =B1944+1 (sensitive receptor: C1903)
 DISCCART 406062.500703329 3758837.49949925 344.40 1.50
 ** receptor =B1945+1 (sensitive receptor: C1904)
 DISCCART 406062.500703329 3758787.49967657 337.80 1.50
 ** receptor =B1946+1 (sensitive receptor: C1905)
 DISCCART 406062.500703329 3758737.49985389 332.20 1.50
 ** receptor =B1947+1 (sensitive receptor: C1906)
 DISCCART 406062.500703329 3758687.50003121 324.70 1.50
 ** receptor =B1948+1 (sensitive receptor: C1907)
 DISCCART 406062.500703329 3758637.50020853 321.40 1.50
 ** receptor =B1949+1 (sensitive receptor: C1908)
 DISCCART 406112.495257296 3759987.50541887 592.60 1.50
 ** receptor =B1950+1 (sensitive receptor: C1909)
 DISCCART 406112.495257296 3759837.50595083 488.70 1.50
 ** receptor =B1951+1 (sensitive receptor: C1910)
 DISCCART 406112.495257296 3759787.50612815 485.40 1.50
 ** receptor =B1952+1 (sensitive receptor: C1911)
 DISCCART 406112.495257296 3759737.50630547 478.00 1.50
 ** receptor =B1953+1 (sensitive receptor: C1912)
 DISCCART 406112.495257296 3759687.50648279 475.60 1.50
 ** receptor =B1954+1 (sensitive receptor: C1913)
 DISCCART 406112.495257296 3759637.50666011 469.00 1.50
 ** receptor =B1955+1 (sensitive receptor: C1914)
 DISCCART 406112.495257296 3759587.50683743 469.00 1.50
 ** receptor =B1956+1 (sensitive receptor: C1915)
 DISCCART 406112.495257296 3759537.50701475 464.80 1.50
 ** receptor =B1957+1 (sensitive receptor: C1916)
 DISCCART 406112.495257296 3759487.50719207 448.70 1.50
 ** receptor =B1958+1 (sensitive receptor: C1917)
 DISCCART 406112.495257296 3759437.50736939 426.30 1.50
 ** receptor =B1959+1 (sensitive receptor: C1918)
 DISCCART 406112.495257296 3759387.49754874 417.50 1.50
 ** receptor =B1960+1 (sensitive receptor: C1919)
 DISCCART 406112.495257296 3759337.49772606 421.60 1.50
 ** receptor =B1961+1 (sensitive receptor: C1920)

Appendix B

PM Annual Emissions unmitigated

** DISCCART	406112.495257296	3759287.49790338	418.40	1.50
** receptor	=B1962+1 (sensitive receptor: C1921)			
** DISCCART	406112.495257296	3759237.4980807	404.30	1.50
** receptor	=B1963+1 (sensitive receptor: C1922)			
** DISCCART	406112.495257296	3759187.49825802	397.80	1.50
** receptor	=B1964+1 (sensitive receptor: C1923)			
** DISCCART	406112.495257296	3759137.49843534	390.30	1.50
** receptor	=B1965+1 (sensitive receptor: C1924)			
** DISCCART	406112.495257296	3759087.49861266	383.70	1.50
** receptor	=B1966+1 (sensitive receptor: C1925)			
** DISCCART	406112.495257296	3759037.49878997	378.10	1.50
** receptor	=B1967+1 (sensitive receptor: C1926)			
** DISCCART	406112.495257296	3758987.49896729	373.90	1.50
** receptor	=B1968+1 (sensitive receptor: C1927)			
** DISCCART	406112.495257296	3758937.49914461	365.00	1.50
** receptor	=B1969+1 (sensitive receptor: C1928)			
** DISCCART	406112.495257296	3758887.49932193	358.40	1.50
** receptor	=B1970+1 (sensitive receptor: C1929)			
** DISCCART	406112.495257296	3758837.49949925	351.90	1.50
** receptor	=B1971+1 (sensitive receptor: C1930)			
** DISCCART	406112.495257296	3758787.49967657	344.30	1.50
** receptor	=B1972+1 (sensitive receptor: C1931)			
** DISCCART	406112.495257296	3758737.49985389	335.50	1.50
** receptor	=B1973+1 (sensitive receptor: C1932)			
** DISCCART	406112.495257296	3758687.50003121	331.20	1.50
** receptor	=B1974+1 (sensitive receptor: C1933)			
** DISCCART	406112.495257296	3758637.50020853	324.70	1.50
** receptor	=B1975+1 (sensitive receptor: C1934)			
** DISCCART	406162.498057107	3759987.50541887	509.70	1.50
** receptor	=B1976+1 (sensitive receptor: C1935)			
** DISCCART	406162.498057107	3759837.50595083	503.20	1.50
** receptor	=B1977+1 (sensitive receptor: C1936)			
** DISCCART	406162.498057107	3759787.50612815	506.00	1.50
** receptor	=B1978+1 (sensitive receptor: C1937)			
** DISCCART	406162.498057107	3759437.50736939	449.80	1.50
** receptor	=B1979+1 (sensitive receptor: C1938)			
** DISCCART	406162.498057107	3759387.49754874	454.50	1.50
** receptor	=B1980+1 (sensitive receptor: C1939)			
** DISCCART	406162.498057107	3759337.49772606	452.20	1.50
** receptor	=B1981+1 (sensitive receptor: C1940)			
** DISCCART	406162.498057107	3759287.49790338	433.80	1.50
** receptor	=B1982+1 (sensitive receptor: C1941)			
** DISCCART	406162.498057107	3759237.4980807	414.20	1.50
** receptor	=B1983+1 (sensitive receptor: C1942)			
** DISCCART	406162.498057107	3759187.49825802	404.30	1.50
** receptor	=B1984+1 (sensitive receptor: C1943)			
** DISCCART	406162.498057107	3759137.49843534	396.80	1.50
** receptor	=B1985+1 (sensitive receptor: C1944)			
** DISCCART	406162.498057107	3759087.49861266	390.30	1.50
** receptor	=B1986+1 (sensitive receptor: C1945)			
** DISCCART	406162.498057107	3759037.49878997	384.70	1.50
** receptor	=B1987+1 (sensitive receptor: C1946)			
** DISCCART	406162.498057107	3758987.49896729	380.50	1.50
** receptor	=B1988+1 (sensitive receptor: C1947)			
** DISCCART	406162.498057107	3758937.49914461	371.50	1.50
** receptor	=B1989+1 (sensitive receptor: C1948)			
** DISCCART	406162.498057107	3758887.49932193	364.10	1.50
** receptor	=B1990+1 (sensitive receptor: C1949)			
** DISCCART	406162.498057107	3758837.49949925	357.50	1.50
** receptor	=B1991+1 (sensitive receptor: C1950)			
** DISCCART	406162.498057107	3758787.49967657	347.60	1.50
** receptor	=B1992+1 (sensitive receptor: C1951)			
** DISCCART	406162.498057107	3758737.49985389	337.80	1.50
** receptor	=B1993+1 (sensitive receptor: C1952)			
** DISCCART	406162.498057107	3758687.50003121	334.50	1.50
** receptor	=B1994+1 (sensitive receptor: C1953)			
** DISCCART	406162.498057107	3758637.50020853	328.00	1.50
** receptor	=B1995+1 (sensitive receptor: C1954)			
** DISCCART	406212.500856919	3759437.50736939	498.50	1.50
** receptor	=B1996+1 (sensitive receptor: C1955)			
** DISCCART	406212.500856919	3759387.49754874	483.00	1.50
** receptor	=B1997+1 (sensitive receptor: C1956)			
** DISCCART	406212.500856919	3759337.49772606	462.50	1.50
** receptor	=B1998+1 (sensitive receptor: C1957)			
** DISCCART	406212.500856919	3759287.49790338	442.70	1.50
** receptor	=B1999+1 (sensitive receptor: C1958)			

Appendix B

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DISCCART 406212.500856919 3759237.4980807 420.70 1.50
 ** receptor =B2000+1 (sensitive receptor: C1959)
 DISCCART 406212.500856919 3759187.49825802 410.00 1.50
 ** receptor =B2001+1 (sensitive receptor: C1960)
 DISCCART 406212.500856919 3759137.49843534 403.40 1.50
 ** receptor =B2002+1 (sensitive receptor: C1961)
 DISCCART 406212.500856919 3759087.49861266 396.80 1.50
 ** receptor =B2003+1 (sensitive receptor: C1962)
 DISCCART 406212.500856919 3759037.49878997 390.20 1.50
 ** receptor =B2004+1 (sensitive receptor: C1963)
 DISCCART 406212.500856919 3758987.49896729 383.70 1.50
 ** receptor =B2005+1 (sensitive receptor: C1964)
 DISCCART 406212.500856919 3758937.49914461 377.10 1.50
 ** receptor =B2006+1 (sensitive receptor: C1965)
 DISCCART 406212.500856919 3758887.49932193 367.30 1.50
 ** receptor =B2007+1 (sensitive receptor: C1966)
 DISCCART 406212.500856919 3758837.49949925 358.40 1.50
 ** receptor =B2008+1 (sensitive receptor: C1967)
 DISCCART 406212.500856919 3758787.49967657 350.90 1.50
 ** receptor =B2009+1 (sensitive receptor: C1968)
 DISCCART 406212.500856919 3758737.49985389 341.10 1.50
 ** receptor =B2010+1 (sensitive receptor: C1969)
 DISCCART 406212.500856919 3758687.50003121 337.80 1.50
 ** receptor =B2011+1 (sensitive receptor: C1970)
 DISCCART 406212.500856919 3758637.50020853 334.50 1.50
 ** receptor =B2012+1 (sensitive receptor: C1971)
 DISCCART 406262.495410886 3759437.50736939 502.70 1.50
 ** receptor =B2013+1 (sensitive receptor: C1972)
 DISCCART 406262.495410886 3759387.49754874 490.40 1.50
 ** receptor =B2014+1 (sensitive receptor: C1973)
 DISCCART 406262.495410886 3759337.49772606 459.10 1.50
 ** receptor =B2015+1 (sensitive receptor: C1974)
 DISCCART 406262.495410886 3759287.49790338 446.00 1.50
 ** receptor =B2016+1 (sensitive receptor: C1975)
 DISCCART 406262.495410886 3759237.4980807 430.50 1.50
 ** receptor =B2017+1 (sensitive receptor: C1976)
 DISCCART 406262.495410886 3759187.49825802 416.50 1.50
 ** receptor =B2018+1 (sensitive receptor: C1977)
 DISCCART 406262.495410886 3759137.49843534 406.70 1.50
 ** receptor =B2019+1 (sensitive receptor: C1978)
 DISCCART 406262.495410886 3759087.49861266 400.20 1.50
 ** receptor =B2020+1 (sensitive receptor: C1979)
 DISCCART 406262.495410886 3759037.49878997 393.50 1.50
 ** receptor =B2021+1 (sensitive receptor: C1980)
 DISCCART 406262.495410886 3758987.49896729 383.70 1.50
 ** receptor =B2022+1 (sensitive receptor: C1981)
 DISCCART 406262.495410886 3758937.49914461 377.10 1.50
 ** receptor =B2023+1 (sensitive receptor: C1982)
 DISCCART 406262.495410886 3758887.49932193 367.40 1.50
 ** receptor =B2024+1 (sensitive receptor: C1983)
 DISCCART 406262.495410886 3758837.49949925 359.80 1.50
 ** receptor =B2025+1 (sensitive receptor: C1984)
 DISCCART 406262.495410886 3758787.49967657 354.20 1.50
 ** receptor =B2026+1 (sensitive receptor: C1985)
 DISCCART 406262.495410886 3758737.49985389 344.40 1.50
 ** receptor =B2027+1 (sensitive receptor: C1986)
 DISCCART 406262.495410886 3758687.50003121 341.10 1.50
 ** receptor =B2028+1 (sensitive receptor: C1987)
 DISCCART 406262.495410886 3758637.50020853 337.80 1.50
 ** receptor =B2029+1 (sensitive receptor: C1988)
 DISCCART 406312.498210697 3759437.50736939 511.60 1.50
 ** receptor =B2030+1 (sensitive receptor: C1989)
 DISCCART 406312.498210697 3759387.49754874 505.00 1.50
 ** receptor =B2031+1 (sensitive receptor: C1990)
 DISCCART 406312.498210697 3759337.49772606 473.10 1.50
 ** receptor =B2032+1 (sensitive receptor: C1991)
 DISCCART 406312.498210697 3759287.49790338 452.60 1.50
 ** receptor =B2033+1 (sensitive receptor: C1992)
 DISCCART 406312.498210697 3759237.4980807 436.20 1.50
 ** receptor =B2034+1 (sensitive receptor: C1993)
 DISCCART 406312.498210697 3759187.49825802 419.80 1.50
 ** receptor =B2035+1 (sensitive receptor: C1994)
 DISCCART 406312.498210697 3759137.49843534 409.90 1.50
 ** receptor =B2036+1 (sensitive receptor: C1995)
 DISCCART 406312.498210697 3759087.49861266 400.20 1.50
 ** receptor =B2037+1 (sensitive receptor: C1996)

Appendix B

PM Annual Emissions unmitigated

** DISCCART	406312.498210697	3759037.49878997	393.50	1.50
** receptor	=B2038+1 (sensitive receptor: C1997)			
** DISCCART	406312.498210697	3758987.49896729	383.70	1.50
** receptor	=B2039+1 (sensitive receptor: C1998)			
** DISCCART	406312.498210697	3758937.49914461	373.90	1.50
** receptor	=B2040+1 (sensitive receptor: C1999)			
** DISCCART	406312.498210697	3758887.49932193	367.40	1.50
** receptor	=B2041+1 (sensitive receptor: C2000)			
** DISCCART	406312.498210697	3758837.49949925	360.70	1.50
** receptor	=B2042+1 (sensitive receptor: C2001)			
** DISCCART	406312.498210697	3758787.49967657	354.20	1.50
** receptor	=B2043+1 (sensitive receptor: C2002)			
** DISCCART	406312.498210697	3758737.49985389	347.70	1.50
** receptor	=B2044+1 (sensitive receptor: C2003)			
** DISCCART	406312.498210697	3758687.50003121	344.40	1.50
** receptor	=B2045+1 (sensitive receptor: C2004)			
** DISCCART	406312.498210697	3758637.50020853	342.00	1.50
** receptor	=B2046+1 (sensitive receptor: C2005)			
** DISCCART	406362.501010508	3759437.50736939	495.70	1.50
** receptor	=B2047+1 (sensitive receptor: C2006)			
** DISCCART	406362.501010508	3759387.49754874	485.90	1.50
** receptor	=B2048+1 (sensitive receptor: C2007)			
** DISCCART	406362.501010508	3759337.49772606	471.20	1.50
** receptor	=B2049+1 (sensitive receptor: C2008)			
** DISCCART	406362.501010508	3759287.49790338	449.30	1.50
** receptor	=B2050+1 (sensitive receptor: C2009)			
** DISCCART	406362.501010508	3759237.4980807	436.20	1.50
** receptor	=B2051+1 (sensitive receptor: C2010)			
** DISCCART	406362.501010508	3759187.49825802	423.00	1.50
** receptor	=B2052+1 (sensitive receptor: C2011)			
** DISCCART	406362.501010508	3759137.49843534	413.20	1.50
** receptor	=B2053+1 (sensitive receptor: C2012)			
** DISCCART	406362.501010508	3759087.49861266	403.40	1.50
** receptor	=B2054+1 (sensitive receptor: C2013)			
** DISCCART	406362.501010508	3759037.49878997	393.60	1.50
** receptor	=B2055+1 (sensitive receptor: C2014)			
** DISCCART	406362.501010508	3758987.49896729	383.80	1.50
** receptor	=B2056+1 (sensitive receptor: C2015)			
** DISCCART	406362.501010508	3758937.49914461	377.10	1.50
** receptor	=B2057+1 (sensitive receptor: C2016)			
** DISCCART	406362.501010508	3758887.49932193	366.40	1.50
** receptor	=B2058+1 (sensitive receptor: C2017)			
** DISCCART	406362.501010508	3758837.49949925	357.50	1.50
** receptor	=B2059+1 (sensitive receptor: C2018)			
** DISCCART	406362.501010508	3758787.49967657	354.20	1.50
** receptor	=B2060+1 (sensitive receptor: C2019)			
** DISCCART	406362.501010508	3758737.49985389	351.90	1.50
** receptor	=B2061+1 (sensitive receptor: C2020)			
** DISCCART	406362.501010508	3758687.50003121	351.00	1.50
** receptor	=B2062+1 (sensitive receptor: C2021)			
** DISCCART	406362.501010508	3758637.50020853	347.70	1.50
** receptor	=B2063+1 (sensitive receptor: C2022)			
** DISCCART	406412.503810319	3759337.49772606	455.80	1.50
** receptor	=B2064+1 (sensitive receptor: C2023)			
** DISCCART	406412.503810319	3759287.49790338	446.10	1.50
** receptor	=B2065+1 (sensitive receptor: C2024)			
** DISCCART	406412.503810319	3759237.4980807	439.50	1.50
** receptor	=B2066+1 (sensitive receptor: C2025)			
** DISCCART	406412.503810319	3759187.49825802	426.30	1.50
** receptor	=B2067+1 (sensitive receptor: C2026)			
** DISCCART	406412.503810319	3759137.49843534	413.30	1.50
** receptor	=B2068+1 (sensitive receptor: C2027)			
** DISCCART	406412.503810319	3759087.49861266	403.40	1.50
** receptor	=B2069+1 (sensitive receptor: C2028)			
** DISCCART	406412.503810319	3759037.49878997	393.60	1.50
** receptor	=B2070+1 (sensitive receptor: C2029)			
** DISCCART	406412.503810319	3758987.49896729	387.00	1.50
** receptor	=B2071+1 (sensitive receptor: C2030)			
** DISCCART	406412.503810319	3758937.49914461	378.10	1.50
** receptor	=B2072+1 (sensitive receptor: C2031)			
** DISCCART	406412.503810319	3758887.49932193	364.00	1.50
** receptor	=B2073+1 (sensitive receptor: C2032)			
** DISCCART	406412.503810319	3758837.49949925	357.50	1.50
** receptor	=B2074+1 (sensitive receptor: C2033)			
** DISCCART	406412.503810319	3758787.49967657	355.20	1.50
** receptor	=B2075+1 (sensitive receptor: C2034)			

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** receptor	DISCCART	406412.503810319	3758737.49985389	357.50	1.50
	=B2076+1 (sensitive receptor: C2035)				
** receptor	DISCCART	406412.503810319	3758687.50003121	357.50	1.50
	=B2077+1 (sensitive receptor: C2036)				
** receptor	DISCCART	406412.503810319	3758637.50020853	355.10	1.50
	=B2078+1 (sensitive receptor: C2037)				
** receptor	DISCCART	406462.498364286	3759287.49790338	449.30	1.50
	=B2079+1 (sensitive receptor: C2038)				
** receptor	DISCCART	406462.498364286	3759237.4980807	439.40	1.50
	=B2080+1 (sensitive receptor: C2039)				
** receptor	DISCCART	406462.498364286	3759187.49825802	426.30	1.50
	=B2081+1 (sensitive receptor: C2040)				
** receptor	DISCCART	406462.498364286	3759137.49843534	413.20	1.50
	=B2082+1 (sensitive receptor: C2041)				
** receptor	DISCCART	406462.498364286	3759087.49861266	400.20	1.50
	=B2083+1 (sensitive receptor: C2042)				
** receptor	DISCCART	406462.498364286	3759037.49878997	393.60	1.50
	=B2084+1 (sensitive receptor: C2043)				
** receptor	DISCCART	406462.498364286	3758987.49896729	387.00	1.50
	=B2085+1 (sensitive receptor: C2044)				
** receptor	DISCCART	406462.498364286	3758937.49914461	380.50	1.50
	=B2086+1 (sensitive receptor: C2045)				
** receptor	DISCCART	406462.498364286	3758887.49932193	368.20	1.50
	=B2087+1 (sensitive receptor: C2046)				
** receptor	DISCCART	406462.498364286	3758837.49949925	358.40	1.50
	=B2088+1 (sensitive receptor: C2047)				
** receptor	DISCCART	406462.498364286	3758787.49967657	361.70	1.50
	=B2089+1 (sensitive receptor: C2048)				
** receptor	DISCCART	406462.498364286	3758737.49985389	361.70	1.50
	=B2090+1 (sensitive receptor: C2049)				
** receptor	DISCCART	406462.498364286	3758687.50003121	364.00	1.50
	=B2091+1 (sensitive receptor: C2050)				
** receptor	DISCCART	406462.498364286	3758637.50020853	358.40	1.50
	=B2092+1 (sensitive receptor: C2051)				
** receptor	DISCCART	406512.501164097	3759287.49790338	452.60	1.50
	=B2093+1 (sensitive receptor: C2052)				
** receptor	DISCCART	406512.501164097	3759237.4980807	439.50	1.50
	=B2094+1 (sensitive receptor: C2053)				
** receptor	DISCCART	406512.501164097	3759187.49825802	424.00	1.50
	=B2095+1 (sensitive receptor: C2054)				
** receptor	DISCCART	406512.501164097	3759137.49843534	414.20	1.50
	=B2096+1 (sensitive receptor: C2055)				
** receptor	DISCCART	406512.501164097	3759087.49861266	406.60	1.50
	=B2097+1 (sensitive receptor: C2056)				
** receptor	DISCCART	406512.501164097	3759037.49878997	397.80	1.50
	=B2098+1 (sensitive receptor: C2057)				
** receptor	DISCCART	406512.501164097	3758987.49896729	390.20	1.50
	=B2099+1 (sensitive receptor: C2058)				
** receptor	DISCCART	406512.501164097	3758937.49914461	382.80	1.50
	=B2100+1 (sensitive receptor: C2059)				
** receptor	DISCCART	406512.501164097	3758887.49932193	373.90	1.50
	=B2101+1 (sensitive receptor: C2060)				
** receptor	DISCCART	406512.501164097	3758837.49949925	374.80	1.50
	=B2102+1 (sensitive receptor: C2061)				
** receptor	DISCCART	406512.501164097	3758787.49967657	371.60	1.50
	=B2103+1 (sensitive receptor: C2062)				
** receptor	DISCCART	406512.501164097	3758737.49985389	371.60	1.50
	=B2104+1 (sensitive receptor: C2063)				
** receptor	DISCCART	406512.501164097	3758687.50003121	368.30	1.50
	=B2105+1 (sensitive receptor: C2064)				
** receptor	DISCCART	406512.501164097	3758637.50020853	365.00	1.50
	=B2106+1 (sensitive receptor: C2065)				
** receptor	DISCCART	406562.495718064	3759237.4980807	443.60	1.50
	=B2107+1 (sensitive receptor: C2066)				
** receptor	DISCCART	406562.495718064	3759187.49825802	432.90	1.50
	=B2108+1 (sensitive receptor: C2067)				
** receptor	DISCCART	406562.495718064	3759137.49843534	419.80	1.50
	=B2109+1 (sensitive receptor: C2068)				
** receptor	DISCCART	406562.495718064	3759087.49861266	410.90	1.50
	=B2110+1 (sensitive receptor: C2069)				
** receptor	DISCCART	406562.495718064	3759037.49878997	403.40	1.50
	=B2111+1 (sensitive receptor: C2070)				
** receptor	DISCCART	406562.495718064	3758987.49896729	393.50	1.50
	=B2112+1 (sensitive receptor: C2071)				
** receptor	DISCCART	406562.495718064	3758937.49914461	381.40	1.50
	=B2113+1 (sensitive receptor: C2072)				

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** receptor	DISCCART	406562.495718064	3758887.49932193	381.40	1.50
	=B2114+1 (sensitive receptor: C2073)				
** receptor	DISCCART	406562.495718064	3758837.49949925	384.70	1.50
	=B2115+1 (sensitive receptor: C2074)				
** receptor	DISCCART	406562.495718064	3758787.49967657	381.40	1.50
	=B2116+1 (sensitive receptor: C2075)				
** receptor	DISCCART	406562.495718064	3758737.49985389	380.40	1.50
	=B2117+1 (sensitive receptor: C2076)				
** receptor	DISCCART	406562.495718064	3758687.50003121	374.80	1.50
	=B2118+1 (sensitive receptor: C2077)				
** receptor	DISCCART	406562.495718064	3758637.50020853	370.60	1.50
	=B2119+1 (sensitive receptor: C2078)				
** receptor	DISCCART	406562.495718064	3758587.50038585	364.10	1.50
	=B2120+1 (sensitive receptor: C2079)				
** receptor	DISCCART	406612.498517875	3759187.49825802	440.40	1.50
	=B2121+1 (sensitive receptor: C2080)				
** receptor	DISCCART	406612.498517875	3759137.49843534	427.30	1.50
	=B2122+1 (sensitive receptor: C2081)				
** receptor	DISCCART	406612.498517875	3759087.49861266	416.50	1.50
	=B2123+1 (sensitive receptor: C2082)				
** receptor	DISCCART	406612.498517875	3759037.49878997	403.40	1.50
	=B2124+1 (sensitive receptor: C2083)				
** receptor	DISCCART	406612.498517875	3758987.49896729	396.80	1.50
	=B2125+1 (sensitive receptor: C2084)				
** receptor	DISCCART	406612.498517875	3758937.49914461	397.80	1.50
	=B2126+1 (sensitive receptor: C2085)				
** receptor	DISCCART	406612.498517875	3758887.49932193	397.80	1.50
	=B2127+1 (sensitive receptor: C2086)				
** receptor	DISCCART	406612.498517875	3758837.49949925	393.60	1.50
	=B2128+1 (sensitive receptor: C2087)				
** receptor	DISCCART	406612.498517875	3758787.49967657	387.00	1.50
	=B2129+1 (sensitive receptor: C2088)				
** receptor	DISCCART	406612.498517875	3758737.49985389	383.70	1.50
	=B2130+1 (sensitive receptor: C2089)				
** receptor	DISCCART	406612.498517875	3758687.50003121	380.40	1.50
	=B2131+1 (sensitive receptor: C2090)				
** receptor	DISCCART	406612.498517875	3758637.50020853	370.60	1.50
	=B2132+1 (sensitive receptor: C2091)				
** receptor	DISCCART	406612.498517875	3758587.50038585	364.10	1.50
	=B2133+1 (sensitive receptor: C2092)				
** receptor	DISCCART	406662.501317687	3759187.49825802	446.00	1.50
	=B2134+1 (sensitive receptor: C2093)				
** receptor	DISCCART	406662.501317687	3759137.49843534	429.60	1.50
	=B2135+1 (sensitive receptor: C2094)				
** receptor	DISCCART	406662.501317687	3759087.49861266	419.80	1.50
	=B2136+1 (sensitive receptor: C2095)				
** receptor	DISCCART	406662.501317687	3759037.49878997	410.90	1.50
	=B2137+1 (sensitive receptor: C2096)				
** receptor	DISCCART	406662.501317687	3758987.49896729	408.60	1.50
	=B2138+1 (sensitive receptor: C2097)				
** receptor	DISCCART	406662.501317687	3758937.49914461	410.00	1.50
	=B2139+1 (sensitive receptor: C2098)				
** receptor	DISCCART	406662.501317687	3758887.49932193	403.40	1.50
	=B2140+1 (sensitive receptor: C2099)				
** receptor	DISCCART	406662.501317687	3758837.49949925	400.10	1.50
	=B2141+1 (sensitive receptor: C2100)				
** receptor	DISCCART	406662.501317687	3758787.49967657	390.30	1.50
	=B2142+1 (sensitive receptor: C2101)				
** receptor	DISCCART	406662.501317687	3758737.49985389	383.80	1.50
	=B2143+1 (sensitive receptor: C2102)				
** receptor	DISCCART	406712.495871654	3759137.49843534	430.50	1.50
	=B2144+1 (sensitive receptor: C2103)				
** receptor	DISCCART	406712.495871654	3759087.49861266	430.70	1.50
	=B2145+1 (sensitive receptor: C2104)				
** receptor	DISCCART	406712.495871654	3759037.49878997	428.20	1.50
	=B2146+1 (sensitive receptor: C2105)				
** receptor	DISCCART	406712.495871654	3758987.49896729	424.00	1.50
	=B2147+1 (sensitive receptor: C2106)				
** receptor	DISCCART	406712.495871654	3758937.49914461	419.80	1.50
	=B2148+1 (sensitive receptor: C2107)				
** receptor	DISCCART	406712.495871654	3758887.49932193	405.70	1.50
	=B2149+1 (sensitive receptor: C2108)				
** receptor	DISCCART	406712.495871654	3758587.50038585	373.80	1.50
	=B2150+1 (sensitive receptor: C2109)				
** receptor	DISCCART	406762.498671465	3759037.49878997	446.90	1.50
	=B2151+1 (sensitive receptor: C2110)				

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** receptor	DISCCART	406762.498671465	3758987.49896729	432.80	1.50
** receptor	=B2152+1 (sensitive receptor: C2111)				
** receptor	DISCCART	406762.498671465	3758937.49914461	416.60	1.50
** receptor	=B2153+1 (sensitive receptor: C2112)				
** receptor	DISCCART	406762.498671465	3758687.50003121	388.00	1.50
** receptor	=B2154+1 (sensitive receptor: C2113)				
** receptor	DISCCART	406762.498671465	3758637.50020853	382.80	1.50
** receptor	=B2155+1 (sensitive receptor: C2114)				
** receptor	DISCCART	406762.498671465	3758587.50038585	373.90	1.50
** receptor	=B2156+1 (sensitive receptor: C2115)				
** receptor	DISCCART	406812.501471276	3758987.49896729	435.20	1.50
** receptor	=B2157+1 (sensitive receptor: C2116)				
** receptor	DISCCART	406812.501471276	3758687.50003121	397.80	1.50
** receptor	=B2158+1 (sensitive receptor: C2117)				
** receptor	DISCCART	406812.501471276	3758637.50020853	384.70	1.50
** receptor	=B2159+1 (sensitive receptor: C2118)				
** receptor	DISCCART	406812.501471276	3758587.50038585	379.40	1.50
** receptor	=B2160+1 (sensitive receptor: C2119)				
** receptor	DISCCART	406862.496025243	3758737.49985389	406.70	1.50
** receptor	=B2161+1 (sensitive receptor: C2120)				
** receptor	DISCCART	406862.496025243	3758687.50003121	400.10	1.50
** receptor	=B2162+1 (sensitive receptor: C2121)				
** receptor	DISCCART	406862.496025243	3758637.50020853	387.00	1.50
** receptor	=B2163+1 (sensitive receptor: C2122)				
** receptor	DISCCART	406862.496025243	3758587.50038585	356.60	1.50
** receptor	=B2164+1 (sensitive receptor: C2123)				
** receptor	DISCCART	406912.498825054	3758787.49967657	416.60	1.50
** receptor	=B2165+1 (sensitive receptor: C2124)				
** receptor	DISCCART	406912.498825054	3758737.49985389	403.40	1.50
** receptor	=B2166+1 (sensitive receptor: C2125)				
** receptor	DISCCART	406912.498825054	3758687.50003121	393.60	1.50
** receptor	=B2167+1 (sensitive receptor: C2126)				
** receptor	DISCCART	406912.498825054	3758637.50020853	382.70	1.50
** receptor	=B2168+1 (sensitive receptor: C2127)				
** receptor	DISCCART	406912.498825054	3758587.50038585	378.20	1.50
** receptor	=B2169+1 (sensitive receptor: C2128)				
** receptor	DISCCART	406962.501624865	3758737.49985389	403.40	1.50
** receptor	=B2170+1 (sensitive receptor: C2129)				
** receptor	DISCCART	406962.501624865	3758687.50003121	393.50	1.50
** receptor	=B2171+1 (sensitive receptor: C2130)				
** receptor	DISCCART	406962.501624865	3758637.50020853	377.20	1.50
** receptor	=B2172+1 (sensitive receptor: C2131)				
** receptor	DISCCART	406962.501624865	3758587.50038585	383.80	1.50
** receptor	=B2173+1 (sensitive receptor: C2132)				
** receptor	DISCCART	407012.504424677	3758687.50003121	390.20	1.50
** receptor	=B2174+1 (sensitive receptor: C2133)				
** receptor	DISCCART	407012.504424677	3758637.50020853	378.20	1.50
** receptor	=B2175+1 (sensitive receptor: C2134)				
** receptor	DISCCART	407012.504424677	3758587.50038585	391.30	1.50
** receptor	=B2176+1 (sensitive receptor: C2135)				
** receptor	DISCCART	407062.498978644	3758687.50003121	383.70	1.50
** receptor	=B2177+1 (sensitive receptor: C2136)				
** receptor	DISCCART	407062.498978644	3758637.50020853	389.00	1.50
** receptor	=B2178+1 (sensitive receptor: C2137)				
** receptor	DISCCART	407062.498978644	3758587.50038585	400.20	1.50
** receptor	=B2179+1 (sensitive receptor: C2138)				
** receptor	DISCCART	407112.501778455	3758637.50020853	404.40	1.50
** receptor	=B2180+1 (sensitive receptor: C2139)				
** receptor	DISCCART	407112.501778455	3758587.50038585	410.00	1.50
** receptor	=B2181+1 (sensitive receptor: C2140)				
** receptor	DISCCART	407162.496332422	3758637.50020853	416.60	1.50
** receptor	=B2182+1 (sensitive receptor: C2141)				
** receptor	DISCCART	407162.496332422	3758587.50038585	416.60	1.50
** receptor	=B2183+1 (sensitive receptor: C2142)				
** receptor	DISCCART	407212.499132233	3758637.50020853	433.00	1.50
** receptor	=B2184+1 (sensitive receptor: C2143)				
** receptor	DISCCART	407212.499132233	3758587.50038585	447.10	1.50
** receptor	=B2185+1 (sensitive receptor: C2144)				
** receptor	DISCCART	407262.501932044	3758637.50020853	450.30	1.50
** receptor	=B2186+1 (sensitive receptor: C2145)				
** receptor	DISCCART	407262.501932044	3758587.50038585	453.60	1.50
** receptor	=B2187+1 (sensitive receptor: C2146)				
** receptor	DISCCART	407312.496486011	3758637.50020853	466.70	1.50
** receptor	=B2188+1 (sensitive receptor: C2147)				
** receptor	DISCCART	407312.496486011	3758587.50038585	463.40	1.50
** receptor	=B2189+1 (sensitive receptor: C2148)				

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** DISCCART	407362.499285822	3758637.50020853	479.80	1.50
** receptor	=B2190+1 (sensitive receptor: C2149)			
** DISCCART	407362.499285822	3758587.50038585	479.80	1.50
** receptor	=B2191+1 (sensitive receptor: C2150)			
** DISCCART	407412.502085634	3758637.50020853	499.50	1.50
** receptor	=B2192+1 (sensitive receptor: C2151)			
** DISCCART	407412.502085634	3758587.50038585	502.80	1.50
** receptor	=B2193+1 (sensitive receptor: C2152)			
** DISCCART	407462.4966396	3758637.50020853	500.90	1.50
** receptor	=B2194+1 (sensitive receptor: C2153)			
** DISCCART	407462.4966396	3758587.50038585	508.50	1.50
** receptor	=B2195+1 (sensitive receptor: C2154)			
** DISCCART	407512.499439412	3758637.50020853	481.20	1.50
** receptor	=B2196+1 (sensitive receptor: C2155)			
** DISCCART	407512.499439412	3758587.50038585	479.40	1.50
** receptor	=B2197+1 (sensitive receptor: C2156)			
** DISCCART	407562.502239223	3758637.50020853	0.00	1.50
** receptor	=B2198+1 (sensitive receptor: C2157)			
** DISCCART	407562.502239223	3758587.50038585	0.00	1.50
** receptor	=B2199+1 (sensitive receptor: C2158)			
** DISCCART	407612.49679319	3758637.50020853	0.00	1.50
** receptor	=B2200+1 (sensitive receptor: C2159)			
** DISCCART	407612.49679319	3758587.50038585	0.00	1.50
** receptor	=B2201+1 (sensitive receptor: C2160)			
** DISCCART	407662.499593001	3758637.50020853	0.00	1.50
** receptor	=B2202+1 (sensitive receptor: C2161)			
** DISCCART	407662.499593001	3758587.50038585	0.00	1.50
** receptor	=B2203+1 (sensitive receptor: C2162)			
** DISCCART	407712.502392812	3758637.50020853	0.00	1.50
** receptor	=B2204+1 (sensitive receptor: C2163)			
** DISCCART	407712.502392812	3758587.50038585	0.00	1.50
** receptor	=B2205+1 (sensitive receptor: C2164)			
** DISCCART	407762.496946779	3758637.50020853	0.00	1.50
** receptor	=B2206+1 (sensitive receptor: C2165)			
** DISCCART	407762.496946779	3758587.50038585	0.00	1.50
** receptor	=B2207+1 (sensitive receptor: C2166)			
** DISCCART	407812.49974659	3758637.50020853	0.00	1.50
** receptor	=B2208+1 (sensitive receptor: C2167)			
** DISCCART	407812.49974659	3758587.50038585	0.00	1.50
** receptor	=B2209+1 (sensitive receptor: C2168)			
** DISCCART	407862.502546402	3758637.50020853	0.00	1.50
** receptor	=B2210+1 (sensitive receptor: C2169)			
** DISCCART	407862.502546402	3758587.50038585	0.00	1.50
** receptor	=B2211+1 (sensitive receptor: C2170)			
** DISCCART	407912.497100369	3758637.50020853	0.00	1.50
** receptor	=B2212+1 (sensitive receptor: C2171)			
** DISCCART	407912.497100369	3758587.50038585	0.00	1.50
** receptor	=B2213+1 (sensitive receptor: C2172)			
** DISCCART	407962.49990018	3758637.50020853	0.00	1.50
** receptor	=B2214+1 (sensitive receptor: C2173)			
** DISCCART	407962.49990018	3758587.50038585	0.00	1.50
** receptor	=B2215+1 (sensitive receptor: C2174)			
** DISCCART	408012.502699991	3758637.50020853	0.00	1.50
** receptor	=B2216+1 (sensitive receptor: C2175)			
** DISCCART	408012.502699991	3758587.50038585	0.00	1.50
** receptor	=B2217+1 (sensitive receptor: C2176)			
** DISCCART	408062.497253958	3758637.50020853	0.00	1.50
** receptor	=B2218+1 (sensitive receptor: C2177)			
** DISCCART	408062.497253958	3758587.50038585	0.00	1.50
** receptor	=B2219+1 (sensitive receptor: C2178)			
** DISCCART	408112.500053769	3758637.50020853	0.00	1.50
** receptor	=B2220+1 (sensitive receptor: C2179)			
** DISCCART	408112.500053769	3758587.50038585	0.00	1.50
** receptor	=B2221+1 (sensitive receptor: C2180)			
** DISCCART	405987.496503612	3758537.50056317	305.00	1.50
** receptor	=B2222+1 (sensitive receptor: C2181)			
** DISCCART	406012.497903518	3758537.50056317	308.30	1.50
** receptor	=B2223+1 (sensitive receptor: C2182)			
** DISCCART	406037.499303424	3758537.50056317	310.80	1.50
** receptor	=B2224+1 (sensitive receptor: C2183)			
** DISCCART	406062.500703329	3758537.50056317	311.60	1.50
** receptor	=B2225+1 (sensitive receptor: C2184)			
** DISCCART	406087.502103235	3758537.50056317	314.90	1.50
** receptor	=B2226+1 (sensitive receptor: C2185)			
** DISCCART	406112.495257296	3758537.50056317	315.80	1.50
** receptor	=B2227+1 (sensitive receptor: C2186)			

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** receptor	DISCCART	406137.496657202	3758537.50056317	318.20	1.50
	=B2228+1 (sensitive receptor: C2187)				
** receptor	DISCCART	406162.498057107	3758537.50056317	321.40	1.50
	=B2229+1 (sensitive receptor: C2188)				
** receptor	DISCCART	406187.499457013	3758537.50056317	324.00	1.50
	=B2230+1 (sensitive receptor: C2189)				
** receptor	DISCCART	406212.500856919	3758537.50056317	327.90	1.50
	=B2231+1 (sensitive receptor: C2190)				
** receptor	DISCCART	406237.502256824	3758537.50056317	330.60	1.50
	=B2232+1 (sensitive receptor: C2191)				
** receptor	DISCCART	406262.495410886	3758537.50056317	334.60	1.50
	=B2233+1 (sensitive receptor: C2192)				
** receptor	DISCCART	406287.496810791	3758537.50056317	337.80	1.50
	=B2234+1 (sensitive receptor: C2193)				
** receptor	DISCCART	406312.498210697	3758537.50056317	341.10	1.50
	=B2235+1 (sensitive receptor: C2194)				
** receptor	DISCCART	406337.499610602	3758537.50056317	343.60	1.50
	=B2236+1 (sensitive receptor: C2195)				
** receptor	DISCCART	406362.501010508	3758537.50056317	344.40	1.50
	=B2237+1 (sensitive receptor: C2196)				
** receptor	DISCCART	406387.502410414	3758537.50056317	346.90	1.50
	=B2238+1 (sensitive receptor: C2197)				
** receptor	DISCCART	406412.503810319	3758537.50056317	347.70	1.50
	=B2239+1 (sensitive receptor: C2198)				
** receptor	DISCCART	406437.496964381	3758537.50056317	351.00	1.50
	=B2240+1 (sensitive receptor: C2199)				
** receptor	DISCCART	406462.498364286	3758537.50056317	354.20	1.50
	=B2241+1 (sensitive receptor: C2200)				
** receptor	DISCCART	406487.499764192	3758537.50056317	354.20	1.50
	=B2242+1 (sensitive receptor: C2201)				
** receptor	DISCCART	406512.501164097	3758537.50056317	357.50	1.50
	=B2243+1 (sensitive receptor: C2202)				
** receptor	DISCCART	406562.495718064	3758537.50056317	357.50	1.50
	=B2244+1 (sensitive receptor: C2203)				
** receptor	DISCCART	406612.498517875	3758537.50056317	360.70	1.50
	=B2245+1 (sensitive receptor: C2204)				
** receptor	DISCCART	406662.501317687	3758537.50056317	357.50	1.50
	=B2246+1 (sensitive receptor: C2205)				
** receptor	DISCCART	406712.495871654	3758537.50056317	360.70	1.50
	=B2247+1 (sensitive receptor: C2206)				
** receptor	DISCCART	406762.498671465	3758537.50056317	357.50	1.50
	=B2248+1 (sensitive receptor: C2207)				
** receptor	DISCCART	406812.501471276	3758537.50056317	360.80	1.50
	=B2249+1 (sensitive receptor: C2208)				
** receptor	DISCCART	406862.496025243	3758537.50056317	365.10	1.50
	=B2250+1 (sensitive receptor: C2209)				
** receptor	DISCCART	406912.498825054	3758537.50056317	377.10	1.50
	=B2251+1 (sensitive receptor: C2210)				
** receptor	DISCCART	406962.501624865	3758537.50056317	388.90	1.50
	=B2252+1 (sensitive receptor: C2211)				
** receptor	DISCCART	407012.504424677	3758537.50056317	400.20	1.50
	=B2253+1 (sensitive receptor: C2212)				
** receptor	DISCCART	407062.498978644	3758537.50056317	403.50	1.50
	=B2254+1 (sensitive receptor: C2213)				
** receptor	DISCCART	407112.501778455	3758537.50056317	416.60	1.50
	=B2255+1 (sensitive receptor: C2214)				
** receptor	DISCCART	407162.496332422	3758537.50056317	426.50	1.50
	=B2256+1 (sensitive receptor: C2215)				
** receptor	DISCCART	407212.499132233	3758537.50056317	462.60	1.50
	=B2257+1 (sensitive receptor: C2216)				
** receptor	DISCCART	407262.501932044	3758537.50056317	465.90	1.50
	=B2258+1 (sensitive receptor: C2217)				
** receptor	DISCCART	407312.496486011	3758537.50056317	482.30	1.50
	=B2259+1 (sensitive receptor: C2218)				
** receptor	DISCCART	407362.499285822	3758537.50056317	483.30	1.50
	=B2260+1 (sensitive receptor: C2219)				
** receptor	DISCCART	407412.502085634	3758537.50056317	496.20	1.50
	=B2261+1 (sensitive receptor: C2220)				
** receptor	DISCCART	407462.4966396	3758537.50056317	519.20	1.50
	=B2262+1 (sensitive receptor: C2221)				
** receptor	DISCCART	407512.499439412	3758537.50056317	486.90	1.50
	=B2263+1 (sensitive receptor: C2222)				
** receptor	DISCCART	407562.502239223	3758537.50056317	0.00	1.50
	=B2264+1 (sensitive receptor: C2223)				
** receptor	DISCCART	407612.49679319	3758537.50056317	0.00	1.50
	=B2265+1 (sensitive receptor: C2224)				

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DISCCART 407662.499593001 3758537.50056317 0.00 1.50
 ** receptor =B2266+1 (sensitive receptor: C2225)
 DISCCART 407712.502392812 3758537.50056317 0.00 1.50
 ** receptor =B2267+1 (sensitive receptor: C2226)
 DISCCART 407762.496946779 3758537.50056317 0.00 1.50
 ** receptor =B2268+1 (sensitive receptor: C2227)
 DISCCART 407812.49974659 3758537.50056317 0.00 1.50
 ** receptor =B2269+1 (sensitive receptor: C2228)
 DISCCART 407862.502546402 3758537.50056317 0.00 1.50
 ** receptor =B2270+1 (sensitive receptor: C2229)
 DISCCART 407912.497100369 3758537.50056317 0.00 1.50
 ** receptor =B2271+1 (sensitive receptor: C2230)
 DISCCART 407962.49990018 3758537.50056317 0.00 1.50
 ** receptor =B2272+1 (sensitive receptor: C2231)
 DISCCART 408012.502699991 3758537.50056317 0.00 1.50
 ** receptor =B2273+1 (sensitive receptor: C2232)
 DISCCART 408062.497253958 3758537.50056317 0.00 1.50
 ** receptor =B2274+1 (sensitive receptor: C2233)
 DISCCART 408112.500053769 3758537.50056317 0.00 1.50
 ** receptor =B2275+1 (sensitive receptor: C2234)
 DISCCART 405962.503349551 3758587.50038585 308.30 1.50
 ** receptor =B2276+1 (sensitive receptor: C2235)
 DISCCART 406012.497903518 3758587.50038585 311.60 1.50
 ** receptor =B2277+1 (sensitive receptor: C2236)
 DISCCART 406062.500703329 3758587.50038585 314.90 1.50
 ** receptor =B2278+1 (sensitive receptor: C2237)
 DISCCART 406112.495257296 3758587.50038585 318.20 1.50
 ** receptor =B2279+1 (sensitive receptor: C2238)
 DISCCART 406162.498057107 3758587.50038585 324.70 1.50
 ** receptor =B2280+1 (sensitive receptor: C2239)
 DISCCART 406212.500856919 3758587.50038585 331.20 1.50
 ** receptor =B2281+1 (sensitive receptor: C2240)
 DISCCART 406262.495410886 3758587.50038585 335.50 1.50
 ** receptor =B2282+1 (sensitive receptor: C2241)
 DISCCART 406312.498210697 3758587.50038585 342.00 1.50
 ** receptor =B2283+1 (sensitive receptor: C2242)
 DISCCART 406362.501010508 3758587.50038585 345.30 1.50
 ** receptor =B2284+1 (sensitive receptor: C2243)
 DISCCART 406412.503810319 3758587.50038585 351.00 1.50
 ** receptor =B2285+1 (sensitive receptor: C2244)
 DISCCART 406462.498364286 3758587.50038585 357.50 1.50
 ** receptor =B2286+1 (sensitive receptor: C2245)
 DISCCART 406512.501164097 3758587.50038585 360.80 1.50
 ** receptor =B2287+1 (sensitive receptor: C2246)
 DISCCART 405987.496503612 3760012.50033123 754.40 1.50
 ** receptor =B2288+1 (sensitive receptor: C2247)
 DISCCART 405987.496503612 3759962.50050855 734.70 1.50
 ** receptor =B2289+1 (sensitive receptor: C2248)
 DISCCART 405987.496503612 3759912.50068587 712.60 1.50
 ** receptor =B2290+1 (sensitive receptor: C2249)
 DISCCART 405987.496503612 3759862.50086319 672.50 1.50
 ** receptor =B2291+1 (sensitive receptor: C2250)
 DISCCART 405987.496503612 3759812.50104051 637.20 1.50
 ** receptor =B2292+1 (sensitive receptor: C2251)
 DISCCART 405987.496503612 3759762.50121783 623.20 1.50
 ** receptor =B2293+1 (sensitive receptor: C2252)
 DISCCART 405987.496503612 3759712.50139515 590.00 1.50
 ** receptor =B2294+1 (sensitive receptor: C2253)
 DISCCART 405987.496503612 3759662.50157247 544.10 1.50
 ** receptor =B2295+1 (sensitive receptor: C2254)
 DISCCART 405987.496503612 3759612.50174979 531.00 1.50
 ** receptor =B2296+1 (sensitive receptor: C2255)
 DISCCART 405987.496503612 3759562.5019271 525.80 1.50
 ** receptor =B2297+1 (sensitive receptor: C2256)
 DISCCART 405987.496503612 3759512.50210442 531.40 1.50
 ** receptor =B2298+1 (sensitive receptor: C2257)
 DISCCART 405987.496503612 3759462.50228174 529.30 1.50
 ** receptor =B2299+1 (sensitive receptor: C2258)
 DISCCART 405987.496503612 3759412.50245906 502.40 1.50
 ** receptor =B2300+1 (sensitive receptor: C2259)
 DISCCART 405987.496503612 3759362.50263638 470.80 1.50
 ** receptor =B2301+1 (sensitive receptor: C2260)
 DISCCART 405987.496503612 3759312.5028137 442.60 1.50
 ** receptor =B2302+1 (sensitive receptor: C2261)
 DISCCART 405987.496503612 3759262.50299102 415.70 1.50
 ** receptor =B2303+1 (sensitive receptor: C2262)

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** DISCCART	405987.496503612	3759212.50316834	380.80	1.50
** receptor	=B2304+1 (sensitive receptor: C2263)			
** DISCCART	405987.496503612	3759162.50334566	377.20	1.50
** receptor	=B2305+1 (sensitive receptor: C2264)			
** DISCCART	405987.496503612	3759112.50352298	371.90	1.50
** receptor	=B2306+1 (sensitive receptor: C2265)			
** DISCCART	405987.496503612	3759062.5037003	363.70	1.50
** receptor	=B2307+1 (sensitive receptor: C2266)			
** DISCCART	405987.496503612	3759012.50387762	357.50	1.50
** receptor	=B2308+1 (sensitive receptor: C2267)			
** DISCCART	405987.496503612	3758962.50405494	355.50	1.50
** receptor	=B2309+1 (sensitive receptor: C2268)			
** DISCCART	405987.496503612	3758912.50423226	348.90	1.50
** receptor	=B2310+1 (sensitive receptor: C2269)			
** DISCCART	405987.496503612	3758862.50440957	342.30	1.50
** receptor	=B2311+1 (sensitive receptor: C2270)			
** DISCCART	405987.496503612	3758812.50458689	334.60	1.50
** receptor	=B2312+1 (sensitive receptor: C2271)			
** DISCCART	405987.496503612	3758762.50476421	329.20	1.50
** receptor	=B2313+1 (sensitive receptor: C2272)			
** DISCCART	405987.496503612	3758712.50494153	322.70	1.50
** receptor	=B2314+1 (sensitive receptor: C2273)			
** DISCCART	405987.496503612	3758662.50511885	316.40	1.50
** receptor	=B2315+1 (sensitive receptor: C2274)			
** DISCCART	406037.499303424	3760012.50033123	724.10	1.50
** receptor	=B2316+1 (sensitive receptor: C2275)			
** DISCCART	406037.499303424	3759812.50104051	595.50	1.50
** receptor	=B2317+1 (sensitive receptor: C2276)			
** DISCCART	406037.499303424	3759762.50121783	588.60	1.50
** receptor	=B2318+1 (sensitive receptor: C2277)			
** DISCCART	406037.499303424	3759712.50139515	585.00	1.50
** receptor	=B2319+1 (sensitive receptor: C2278)			
** DISCCART	406037.499303424	3759662.50157247	546.00	1.50
** receptor	=B2320+1 (sensitive receptor: C2279)			
** DISCCART	406037.499303424	3759612.50174979	532.90	1.50
** receptor	=B2321+1 (sensitive receptor: C2280)			
** DISCCART	406037.499303424	3759562.5019271	523.50	1.50
** receptor	=B2322+1 (sensitive receptor: C2281)			
** DISCCART	406037.499303424	3759512.50210442	501.60	1.50
** receptor	=B2323+1 (sensitive receptor: C2282)			
** DISCCART	406037.499303424	3759462.50228174	468.20	1.50
** receptor	=B2324+1 (sensitive receptor: C2283)			
** DISCCART	406037.499303424	3759412.50245906	463.60	1.50
** receptor	=B2325+1 (sensitive receptor: C2284)			
** DISCCART	406037.499303424	3759362.50263638	444.10	1.50
** receptor	=B2326+1 (sensitive receptor: C2285)			
** DISCCART	406037.499303424	3759312.5028137	436.80	1.50
** receptor	=B2327+1 (sensitive receptor: C2286)			
** DISCCART	406037.499303424	3759262.50299102	402.80	1.50
** receptor	=B2328+1 (sensitive receptor: C2287)			
** DISCCART	406037.499303424	3759212.50316834	391.20	1.50
** receptor	=B2329+1 (sensitive receptor: C2288)			
** DISCCART	406037.499303424	3759162.50334566	383.40	1.50
** receptor	=B2330+1 (sensitive receptor: C2289)			
** DISCCART	406037.499303424	3759112.50352298	377.20	1.50
** receptor	=B2331+1 (sensitive receptor: C2290)			
** DISCCART	406037.499303424	3759062.5037003	370.30	1.50
** receptor	=B2332+1 (sensitive receptor: C2291)			
** DISCCART	406037.499303424	3759012.50387762	366.60	1.50
** receptor	=B2333+1 (sensitive receptor: C2292)			
** DISCCART	406037.499303424	3758962.50405494	362.00	1.50
** receptor	=B2334+1 (sensitive receptor: C2293)			
** DISCCART	406037.499303424	3758912.50423226	354.20	1.50
** receptor	=B2335+1 (sensitive receptor: C2294)			
** DISCCART	406037.499303424	3758862.50440957	344.40	1.50
** receptor	=B2336+1 (sensitive receptor: C2295)			
** DISCCART	406037.499303424	3758812.50458689	340.70	1.50
** receptor	=B2337+1 (sensitive receptor: C2296)			
** DISCCART	406037.499303424	3758762.50476421	334.20	1.50
** receptor	=B2338+1 (sensitive receptor: C2297)			
** DISCCART	406037.499303424	3758712.50494153	326.30	1.50
** receptor	=B2339+1 (sensitive receptor: C2298)			
** DISCCART	406037.499303424	3758662.50511885	321.10	1.50
** receptor	=B2340+1 (sensitive receptor: C2299)			
** DISCCART	406087.502103235	3760012.50033123	658.00	1.50
** receptor	=B2341+1 (sensitive receptor: C2300)			

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DISCCART 406087.502103235 3759812.50104051 501.10 1.50
 ** receptor =B2342+1 (sensitive receptor: C2301)
 DISCCART 406087.502103235 3759762.50121783 493.10 1.50
 ** receptor =B2343+1 (sensitive receptor: C2302)
 DISCCART 406087.502103235 3759712.50139515 497.00 1.50
 ** receptor =B2344+1 (sensitive receptor: C2303)
 DISCCART 406087.502103235 3759662.50157247 483.50 1.50
 ** receptor =B2345+1 (sensitive receptor: C2304)
 DISCCART 406087.502103235 3759612.50174979 489.70 1.50
 ** receptor =B2346+1 (sensitive receptor: C2305)
 DISCCART 406087.502103235 3759562.5019271 472.00 1.50
 ** receptor =B2347+1 (sensitive receptor: C2306)
 DISCCART 406087.502103235 3759512.50210442 465.80 1.50
 ** receptor =B2348+1 (sensitive receptor: C2307)
 DISCCART 406087.502103235 3759462.50228174 455.90 1.50
 ** receptor =B2349+1 (sensitive receptor: C2308)
 DISCCART 406087.502103235 3759412.50245906 426.80 1.50
 ** receptor =B2350+1 (sensitive receptor: C2309)
 DISCCART 406087.502103235 3759362.50263638 420.90 1.50
 ** receptor =B2351+1 (sensitive receptor: C2310)
 DISCCART 406087.502103235 3759312.5028137 418.30 1.50
 ** receptor =B2352+1 (sensitive receptor: C2311)
 DISCCART 406087.502103235 3759262.50299102 401.00 1.50
 ** receptor =B2353+1 (sensitive receptor: C2312)
 DISCCART 406087.502103235 3759212.50316834 394.80 1.50
 ** receptor =B2354+1 (sensitive receptor: C2313)
 DISCCART 406087.502103235 3759162.50334566 390.30 1.50
 ** receptor =B2355+1 (sensitive receptor: C2314)
 DISCCART 406087.502103235 3759112.50352298 383.40 1.50
 ** receptor =B2356+1 (sensitive receptor: C2315)
 DISCCART 406087.502103235 3759062.5037003 377.20 1.50
 ** receptor =B2357+1 (sensitive receptor: C2316)
 DISCCART 406087.502103235 3759012.50387762 373.20 1.50
 ** receptor =B2358+1 (sensitive receptor: C2317)
 DISCCART 406087.502103235 3758962.50405494 365.60 1.50
 ** receptor =B2359+1 (sensitive receptor: C2318)
 DISCCART 406087.502103235 3758912.50423226 358.70 1.50
 ** receptor =B2360+1 (sensitive receptor: C2319)
 DISCCART 406087.502103235 3758862.50440957 352.20 1.50
 ** receptor =B2361+1 (sensitive receptor: C2320)
 DISCCART 406087.502103235 3758812.50458689 344.40 1.50
 ** receptor =B2362+1 (sensitive receptor: C2321)
 DISCCART 406087.502103235 3758762.50476421 337.80 1.50
 ** receptor =B2363+1 (sensitive receptor: C2322)
 DISCCART 406087.502103235 3758712.50494153 331.30 1.50
 ** receptor =B2364+1 (sensitive receptor: C2323)
 DISCCART 406087.502103235 3758662.50511885 324.70 1.50
 ** receptor =B2365+1 (sensitive receptor: C2324)
 DISCCART 406137.496657202 3760012.50033123 577.10 1.50
 ** receptor =B2366+1 (sensitive receptor: C2325)
 DISCCART 406137.496657202 3759812.50104051 485.40 1.50
 ** receptor =B2367+1 (sensitive receptor: C2326)
 DISCCART 406137.496657202 3759762.50121783 485.10 1.50
 ** receptor =B2368+1 (sensitive receptor: C2327)
 DISCCART 406137.496657202 3759712.50139515 484.00 1.50
 ** receptor =B2369+1 (sensitive receptor: C2328)
 DISCCART 406137.496657202 3759662.50157247 477.70 1.50
 ** receptor =B2370+1 (sensitive receptor: C2329)
 DISCCART 406137.496657202 3759612.50174979 469.00 1.50
 ** receptor =B2371+1 (sensitive receptor: C2330)
 DISCCART 406137.496657202 3759562.5019271 461.10 1.50
 ** receptor =B2372+1 (sensitive receptor: C2331)
 DISCCART 406137.496657202 3759512.50210442 436.60 1.50
 ** receptor =B2373+1 (sensitive receptor: C2332)
 DISCCART 406137.496657202 3759462.50228174 426.40 1.50
 ** receptor =B2374+1 (sensitive receptor: C2333)
 DISCCART 406137.496657202 3759412.50245906 433.20 1.50
 ** receptor =B2375+1 (sensitive receptor: C2334)
 DISCCART 406137.496657202 3759362.50263638 436.40 1.50
 ** receptor =B2376+1 (sensitive receptor: C2335)
 DISCCART 406137.496657202 3759312.5028137 436.40 1.50
 ** receptor =B2377+1 (sensitive receptor: C2336)
 DISCCART 406137.496657202 3759262.50299102 417.40 1.50
 ** receptor =B2378+1 (sensitive receptor: C2337)
 DISCCART 406137.496657202 3759212.50316834 404.70 1.50
 ** receptor =B2379+1 (sensitive receptor: C2338)

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** DISCCART	406137.496657202	3759162.50334566	398.10	1.50
** receptor	=B2380+1 (sensitive receptor: C2339)			
** DISCCART	406137.496657202	3759112.50352298	390.30	1.50
** receptor	=B2381+1 (sensitive receptor: C2340)			
** DISCCART	406137.496657202	3759062.5037003	383.40	1.50
** receptor	=B2382+1 (sensitive receptor: C2341)			
** DISCCART	406137.496657202	3759012.50387762	380.50	1.50
** receptor	=B2383+1 (sensitive receptor: C2342)			
** DISCCART	406137.496657202	3758962.50405494	373.50	1.50
** receptor	=B2384+1 (sensitive receptor: C2343)			
** DISCCART	406137.496657202	3758912.50423226	365.30	1.50
** receptor	=B2385+1 (sensitive receptor: C2344)			
** DISCCART	406137.496657202	3758862.50440957	357.50	1.50
** receptor	=B2386+1 (sensitive receptor: C2345)			
** DISCCART	406137.496657202	3758812.50458689	349.20	1.50
** receptor	=B2387+1 (sensitive receptor: C2346)			
** DISCCART	406137.496657202	3758762.50476421	342.30	1.50
** receptor	=B2388+1 (sensitive receptor: C2347)			
** DISCCART	406137.496657202	3758712.50494153	334.60	1.50
** receptor	=B2389+1 (sensitive receptor: C2348)			
** DISCCART	406137.496657202	3758662.50511885	329.20	1.50
** receptor	=B2390+1 (sensitive receptor: C2349)			
** DISCCART	406187.499457013	3759412.50245906	481.00	1.50
** receptor	=B2391+1 (sensitive receptor: C2350)			
** DISCCART	406187.499457013	3759362.50263638	463.30	1.50
** receptor	=B2392+1 (sensitive receptor: C2351)			
** DISCCART	406187.499457013	3759312.5028137	455.10	1.50
** receptor	=B2393+1 (sensitive receptor: C2352)			
** DISCCART	406187.499457013	3759262.50299102	427.60	1.50
** receptor	=B2394+1 (sensitive receptor: C2353)			
** DISCCART	406187.499457013	3759212.50316834	412.90	1.50
** receptor	=B2395+1 (sensitive receptor: C2354)			
** DISCCART	406187.499457013	3759162.50334566	403.40	1.50
** receptor	=B2396+1 (sensitive receptor: C2355)			
** DISCCART	406187.499457013	3759112.50352298	396.50	1.50
** receptor	=B2397+1 (sensitive receptor: C2356)			
** DISCCART	406187.499457013	3759062.5037003	389.90	1.50
** receptor	=B2398+1 (sensitive receptor: C2357)			
** DISCCART	406187.499457013	3759012.50387762	385.00	1.50
** receptor	=B2399+1 (sensitive receptor: C2358)			
** DISCCART	406187.499457013	3758962.50405494	380.10	1.50
** receptor	=B2400+1 (sensitive receptor: C2359)			
** DISCCART	406187.499457013	3758912.50423226	368.90	1.50
** receptor	=B2401+1 (sensitive receptor: C2360)			
** DISCCART	406187.499457013	3758862.50440957	362.40	1.50
** receptor	=B2402+1 (sensitive receptor: C2361)			
** DISCCART	406187.499457013	3758812.50458689	354.20	1.50
** receptor	=B2403+1 (sensitive receptor: C2362)			
** DISCCART	406187.499457013	3758762.50476421	344.40	1.50
** receptor	=B2404+1 (sensitive receptor: C2363)			
** DISCCART	406187.499457013	3758712.50494153	337.50	1.50
** receptor	=B2405+1 (sensitive receptor: C2364)			
** DISCCART	406187.499457013	3758662.50511885	334.20	1.50
** receptor	=B2406+1 (sensitive receptor: C2365)			
** DISCCART	406237.502256824	3759412.50245906	492.80	1.50
** receptor	=B2407+1 (sensitive receptor: C2366)			
** DISCCART	406237.502256824	3759362.50263638	472.90	1.50
** receptor	=B2408+1 (sensitive receptor: C2367)			
** DISCCART	406237.502256824	3759312.5028137	453.00	1.50
** receptor	=B2409+1 (sensitive receptor: C2368)			
** DISCCART	406237.502256824	3759262.50299102	437.40	1.50
** receptor	=B2410+1 (sensitive receptor: C2369)			
** DISCCART	406237.502256824	3759212.50316834	417.80	1.50
** receptor	=B2411+1 (sensitive receptor: C2370)			
** DISCCART	406237.502256824	3759162.50334566	408.30	1.50
** receptor	=B2412+1 (sensitive receptor: C2371)			
** DISCCART	406237.502256824	3759112.50352298	403.10	1.50
** receptor	=B2413+1 (sensitive receptor: C2372)			
** DISCCART	406237.502256824	3759062.5037003	394.80	1.50
** receptor	=B2414+1 (sensitive receptor: C2373)			
** DISCCART	406237.502256824	3759012.50387762	387.00	1.50
** receptor	=B2415+1 (sensitive receptor: C2374)			
** DISCCART	406237.502256824	3758962.50405494	380.50	1.50
** receptor	=B2416+1 (sensitive receptor: C2375)			
** DISCCART	406237.502256824	3758912.50423226	372.20	1.50
** receptor	=B2417+1 (sensitive receptor: C2376)			

Appendix B

PM Annual Emissions unmitigated

DISCCART 406237.502256824 3758862.50440957 364.10 1.50
 ** receptor =B2418+1 (sensitive receptor: C2377)
 DISCCART 406237.502256824 3758812.50458689 355.80 1.50
 ** receptor =B2419+1 (sensitive receptor: C2378)
 DISCCART 406237.502256824 3758762.50476421 346.00 1.50
 ** receptor =B2420+1 (sensitive receptor: C2379)
 DISCCART 406237.502256824 3758712.50494153 341.10 1.50
 ** receptor =B2421+1 (sensitive receptor: C2380)
 DISCCART 406237.502256824 3758662.50511885 337.50 1.50
 ** receptor =B2422+1 (sensitive receptor: C2381)
 DISCCART 406287.496810791 3759412.50245906 504.70 1.50
 ** receptor =B2423+1 (sensitive receptor: C2382)
 DISCCART 406287.496810791 3759362.50263638 481.30 1.50
 ** receptor =B2424+1 (sensitive receptor: C2383)
 DISCCART 406287.496810791 3759312.5028137 455.50 1.50
 ** receptor =B2425+1 (sensitive receptor: C2384)
 DISCCART 406287.496810791 3759262.50299102 441.10 1.50
 ** receptor =B2426+1 (sensitive receptor: C2385)
 DISCCART 406287.496810791 3759212.50316834 424.70 1.50
 ** receptor =B2427+1 (sensitive receptor: C2386)
 DISCCART 406287.496810791 3759162.50334566 413.30 1.50
 ** receptor =B2428+1 (sensitive receptor: C2387)
 DISCCART 406287.496810791 3759112.50352298 403.40 1.50
 ** receptor =B2429+1 (sensitive receptor: C2388)
 DISCCART 406287.496810791 3759062.5037003 396.90 1.50
 ** receptor =B2430+1 (sensitive receptor: C2389)
 DISCCART 406287.496810791 3759012.50387762 388.30 1.50
 ** receptor =B2431+1 (sensitive receptor: C2390)
 DISCCART 406287.496810791 3758962.50405494 380.50 1.50
 ** receptor =B2432+1 (sensitive receptor: C2391)
 DISCCART 406287.496810791 3758912.50423226 372.20 1.50
 ** receptor =B2433+1 (sensitive receptor: C2392)
 DISCCART 406287.496810791 3758862.50440957 363.70 1.50
 ** receptor =B2434+1 (sensitive receptor: C2393)
 DISCCART 406287.496810791 3758812.50458689 355.80 1.50
 ** receptor =B2435+1 (sensitive receptor: C2394)
 DISCCART 406287.496810791 3758762.50476421 349.20 1.50
 ** receptor =B2436+1 (sensitive receptor: C2395)
 DISCCART 406287.496810791 3758712.50494153 344.40 1.50
 ** receptor =B2437+1 (sensitive receptor: C2396)
 DISCCART 406287.496810791 3758662.50511885 341.10 1.50
 ** receptor =B2438+1 (sensitive receptor: C2397)
 DISCCART 406337.499610602 3759412.50245906 504.10 1.50
 ** receptor =B2439+1 (sensitive receptor: C2398)
 DISCCART 406337.499610602 3759362.50263638 490.60 1.50
 ** receptor =B2440+1 (sensitive receptor: C2399)
 DISCCART 406337.499610602 3759312.5028137 462.40 1.50
 ** receptor =B2441+1 (sensitive receptor: C2400)
 DISCCART 406337.499610602 3759262.50299102 444.40 1.50
 ** receptor =B2442+1 (sensitive receptor: C2401)
 DISCCART 406337.499610602 3759212.50316834 428.00 1.50
 ** receptor =B2443+1 (sensitive receptor: C2402)
 DISCCART 406337.499610602 3759162.50334566 417.80 1.50
 ** receptor =B2444+1 (sensitive receptor: C2403)
 DISCCART 406337.499610602 3759112.50352298 405.00 1.50
 ** receptor =B2445+1 (sensitive receptor: C2404)
 DISCCART 406337.499610602 3759062.5037003 396.90 1.50
 ** receptor =B2446+1 (sensitive receptor: C2405)
 DISCCART 406337.499610602 3759012.50387762 388.60 1.50
 ** receptor =B2447+1 (sensitive receptor: C2406)
 DISCCART 406337.499610602 3758962.50405494 378.80 1.50
 ** receptor =B2448+1 (sensitive receptor: C2407)
 DISCCART 406337.499610602 3758912.50423226 370.60 1.50
 ** receptor =B2449+1 (sensitive receptor: C2408)
 DISCCART 406337.499610602 3758862.50440957 362.70 1.50
 ** receptor =B2450+1 (sensitive receptor: C2409)
 DISCCART 406337.499610602 3758812.50458689 357.50 1.50
 ** receptor =B2451+1 (sensitive receptor: C2410)
 DISCCART 406337.499610602 3758762.50476421 351.00 1.50
 ** receptor =B2452+1 (sensitive receptor: C2411)
 DISCCART 406337.499610602 3758712.50494153 347.70 1.50
 ** receptor =B2453+1 (sensitive receptor: C2412)
 DISCCART 406337.499610602 3758662.50511885 347.00 1.50
 ** receptor =B2454+1 (sensitive receptor: C2413)
 DISCCART 406387.502410414 3759362.50263638 465.50 1.50
 ** receptor =B2455+1 (sensitive receptor: C2414)

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** DISCCART	406387.502410414	3759312.5028137	454.90	1.50
** receptor	=B2456+1 (sensitive receptor: C2415)			
** DISCCART	406387.502410414	3759262.50299102	440.70	1.50
** receptor	=B2457+1 (sensitive receptor: C2416)			
** DISCCART	406387.502410414	3759212.50316834	431.20	1.50
** receptor	=B2458+1 (sensitive receptor: C2417)			
** DISCCART	406387.502410414	3759162.50334566	418.10	1.50
** receptor	=B2459+1 (sensitive receptor: C2418)			
** DISCCART	406387.502410414	3759112.50352298	408.30	1.50
** receptor	=B2460+1 (sensitive receptor: C2419)			
** DISCCART	406387.502410414	3759062.5037003	400.20	1.50
** receptor	=B2461+1 (sensitive receptor: C2420)			
** DISCCART	406387.502410414	3759012.50387762	390.30	1.50
** receptor	=B2462+1 (sensitive receptor: C2421)			
** DISCCART	406387.502410414	3758962.50405494	381.70	1.50
** receptor	=B2463+1 (sensitive receptor: C2422)			
** DISCCART	406387.502410414	3758912.50423226	372.20	1.50
** receptor	=B2464+1 (sensitive receptor: C2423)			
** DISCCART	406387.502410414	3758862.50440957	359.10	1.50
** receptor	=B2465+1 (sensitive receptor: C2424)			
** DISCCART	406387.502410414	3758812.50458689	354.20	1.50
** receptor	=B2466+1 (sensitive receptor: C2425)			
** DISCCART	406387.502410414	3758762.50476421	354.20	1.50
** receptor	=B2467+1 (sensitive receptor: C2426)			
** DISCCART	406387.502410414	3758712.50494153	354.20	1.50
** receptor	=B2468+1 (sensitive receptor: C2427)			
** DISCCART	406387.502410414	3758662.50511885	353.50	1.50
** receptor	=B2469+1 (sensitive receptor: C2428)			
** DISCCART	406437.496964381	3759312.5028137	450.90	1.50
** receptor	=B2470+1 (sensitive receptor: C2429)			
** DISCCART	406437.496964381	3759262.50299102	443.10	1.50
** receptor	=B2471+1 (sensitive receptor: C2430)			
** DISCCART	406437.496964381	3759212.50316834	432.80	1.50
** receptor	=B2472+1 (sensitive receptor: C2431)			
** DISCCART	406437.496964381	3759162.50334566	418.10	1.50
** receptor	=B2473+1 (sensitive receptor: C2432)			
** DISCCART	406437.496964381	3759112.50352298	408.30	1.50
** receptor	=B2474+1 (sensitive receptor: C2433)			
** DISCCART	406437.496964381	3759062.5037003	398.40	1.50
** receptor	=B2475+1 (sensitive receptor: C2434)			
** DISCCART	406437.496964381	3759012.50387762	391.90	1.50
** receptor	=B2476+1 (sensitive receptor: C2435)			
** DISCCART	406437.496964381	3758962.50405494	383.80	1.50
** receptor	=B2477+1 (sensitive receptor: C2436)			
** DISCCART	406437.496964381	3758912.50423226	374.80	1.50
** receptor	=B2478+1 (sensitive receptor: C2437)			
** DISCCART	406437.496964381	3758862.50440957	358.70	1.50
** receptor	=B2479+1 (sensitive receptor: C2438)			
** DISCCART	406437.496964381	3758812.50458689	357.50	1.50
** receptor	=B2480+1 (sensitive receptor: C2439)			
** DISCCART	406437.496964381	3758762.50476421	357.50	1.50
** receptor	=B2481+1 (sensitive receptor: C2440)			
** DISCCART	406437.496964381	3758712.50494153	358.90	1.50
** receptor	=B2482+1 (sensitive receptor: C2441)			
** DISCCART	406437.496964381	3758662.50511885	357.50	1.50
** receptor	=B2483+1 (sensitive receptor: C2442)			
** DISCCART	406487.499764192	3759312.5028137	453.90	1.50
** receptor	=B2484+1 (sensitive receptor: C2443)			
** DISCCART	406487.499764192	3759262.50299102	444.40	1.50
** receptor	=B2485+1 (sensitive receptor: C2444)			
** DISCCART	406487.499764192	3759212.50316834	431.20	1.50
** receptor	=B2486+1 (sensitive receptor: C2445)			
** DISCCART	406487.499764192	3759162.50334566	416.90	1.50
** receptor	=B2487+1 (sensitive receptor: C2446)			
** DISCCART	406487.499764192	3759112.50352298	408.30	1.50
** receptor	=B2488+1 (sensitive receptor: C2447)			
** DISCCART	406487.499764192	3759062.5037003	399.80	1.50
** receptor	=B2489+1 (sensitive receptor: C2448)			
** DISCCART	406487.499764192	3759012.50387762	393.20	1.50
** receptor	=B2490+1 (sensitive receptor: C2449)			
** DISCCART	406487.499764192	3758962.50405494	385.30	1.50
** receptor	=B2491+1 (sensitive receptor: C2450)			
** DISCCART	406487.499764192	3758912.50423226	378.80	1.50
** receptor	=B2492+1 (sensitive receptor: C2451)			
** DISCCART	406487.499764192	3758862.50440957	367.00	1.50
** receptor	=B2493+1 (sensitive receptor: C2452)			

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** DISCCART	406487.499764192	3758812.50458689	365.00	1.50
** receptor	=B2494+1 (sensitive receptor: C2453)			
** DISCCART	406487.499764192	3758762.50476421	367.40	1.50
** receptor	=B2495+1 (sensitive receptor: C2454)			
** DISCCART	406487.499764192	3758712.50494153	367.40	1.50
** receptor	=B2496+1 (sensitive receptor: C2455)			
** DISCCART	406487.499764192	3758662.50511885	364.10	1.50
** receptor	=B2497+1 (sensitive receptor: C2456)			
** DISCCART	406537.502564003	3759262.50299102	447.60	1.50
** receptor	=B2498+1 (sensitive receptor: C2457)			
** DISCCART	406537.502564003	3759212.50316834	434.50	1.50
** receptor	=B2499+1 (sensitive receptor: C2458)			
** DISCCART	406537.502564003	3759162.50334566	421.40	1.50
** receptor	=B2500+1 (sensitive receptor: C2459)			
** DISCCART	406537.502564003	3759112.50352298	412.90	1.50
** receptor	=B2501+1 (sensitive receptor: C2460)			
** DISCCART	406537.502564003	3759062.5037003	403.40	1.50
** receptor	=B2502+1 (sensitive receptor: C2461)			
** DISCCART	406537.502564003	3759012.50387762	396.50	1.50
** receptor	=B2503+1 (sensitive receptor: C2462)			
** DISCCART	406537.502564003	3758962.50405494	383.80	1.50
** receptor	=B2504+1 (sensitive receptor: C2463)			
** DISCCART	406537.502564003	3758912.50423226	377.20	1.50
** receptor	=B2505+1 (sensitive receptor: C2464)			
** DISCCART	406537.502564003	3758862.50440957	378.50	1.50
** receptor	=B2506+1 (sensitive receptor: C2465)			
** DISCCART	406537.502564003	3758812.50458689	380.10	1.50
** receptor	=B2507+1 (sensitive receptor: C2466)			
** DISCCART	406537.502564003	3758762.50476421	377.20	1.50
** receptor	=B2508+1 (sensitive receptor: C2467)			
** DISCCART	406537.502564003	3758712.50494153	373.90	1.50
** receptor	=B2509+1 (sensitive receptor: C2468)			
** DISCCART	406537.502564003	3758662.50511885	370.30	1.50
** receptor	=B2510+1 (sensitive receptor: C2469)			
** DISCCART	406587.49711797	3759212.50316834	442.40	1.50
** receptor	=B2511+1 (sensitive receptor: C2470)			
** DISCCART	406587.49711797	3759162.50334566	430.50	1.50
** receptor	=B2512+1 (sensitive receptor: C2471)			
** DISCCART	406587.49711797	3759112.50352298	417.80	1.50
** receptor	=B2513+1 (sensitive receptor: C2472)			
** DISCCART	406587.49711797	3759062.5037003	408.30	1.50
** receptor	=B2514+1 (sensitive receptor: C2473)			
** DISCCART	406587.49711797	3759012.50387762	398.40	1.50
** receptor	=B2515+1 (sensitive receptor: C2474)			
** DISCCART	406587.49711797	3758962.50405494	389.90	1.50
** receptor	=B2516+1 (sensitive receptor: C2475)			
** DISCCART	406587.49711797	3758912.50423226	389.60	1.50
** receptor	=B2517+1 (sensitive receptor: C2476)			
** DISCCART	406587.49711797	3758862.50440957	391.50	1.50
** receptor	=B2518+1 (sensitive receptor: C2477)			
** DISCCART	406587.49711797	3758812.50458689	387.00	1.50
** receptor	=B2519+1 (sensitive receptor: C2478)			
** DISCCART	406587.49711797	3758762.50476421	383.40	1.50
** receptor	=B2520+1 (sensitive receptor: C2479)			
** DISCCART	406587.49711797	3758712.50494153	380.10	1.50
** receptor	=B2521+1 (sensitive receptor: C2480)			
** DISCCART	406587.49711797	3758662.50511885	375.10	1.50
** receptor	=B2522+1 (sensitive receptor: C2481)			
** DISCCART	406587.49711797	3758612.50529617	367.40	1.50
** receptor	=B2523+1 (sensitive receptor: C2482)			
** DISCCART	406637.499917781	3759212.50316834	450.60	1.50
** receptor	=B2524+1 (sensitive receptor: C2483)			
** DISCCART	406637.499917781	3759162.50334566	437.80	1.50
** receptor	=B2525+1 (sensitive receptor: C2484)			
** DISCCART	406637.499917781	3759112.50352298	424.70	1.50
** receptor	=B2526+1 (sensitive receptor: C2485)			
** DISCCART	406637.499917781	3759062.5037003	414.80	1.50
** receptor	=B2527+1 (sensitive receptor: C2486)			
** DISCCART	406637.499917781	3759012.50387762	399.80	1.50
** receptor	=B2528+1 (sensitive receptor: C2487)			
** DISCCART	406637.499917781	3758962.50405494	403.10	1.50
** receptor	=B2529+1 (sensitive receptor: C2488)			
** DISCCART	406637.499917781	3758912.50423226	402.70	1.50
** receptor	=B2530+1 (sensitive receptor: C2489)			
** DISCCART	406637.499917781	3758862.50440957	399.80	1.50
** receptor	=B2531+1 (sensitive receptor: C2490)			

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** receptor	DISCCART	406637.499917781	3758812.50458689	393.60	1.50
	=B2532+1 (sensitive receptor: C2491)				
** receptor	DISCCART	406637.499917781	3758762.50476421	387.00	1.50
	=B2533+1 (sensitive receptor: C2492)				
** receptor	DISCCART	406637.499917781	3758712.50494153	383.40	1.50
	=B2534+1 (sensitive receptor: C2493)				
** receptor	DISCCART	406637.499917781	3758662.50511885	372.60	1.50
	=B2535+1 (sensitive receptor: C2494)				
** receptor	DISCCART	406687.502717592	3759162.50334566	438.20	1.50
	=B2536+1 (sensitive receptor: C2495)				
** receptor	DISCCART	406687.502717592	3759112.50352298	419.80	1.50
	=B2537+1 (sensitive receptor: C2496)				
** receptor	DISCCART	406687.502717592	3759062.5037003	422.40	1.50
	=B2538+1 (sensitive receptor: C2497)				
** receptor	DISCCART	406687.502717592	3759012.50387762	417.60	1.50
	=B2539+1 (sensitive receptor: C2498)				
** receptor	DISCCART	406687.502717592	3758962.50405494	415.80	1.50
	=B2540+1 (sensitive receptor: C2499)				
** receptor	DISCCART	406687.502717592	3758912.50423226	411.60	1.50
	=B2541+1 (sensitive receptor: C2500)				
** receptor	DISCCART	406687.502717592	3758862.50440957	403.40	1.50
	=B2542+1 (sensitive receptor: C2501)				
** receptor	DISCCART	406687.502717592	3758762.50476421	387.00	1.50
	=B2543+1 (sensitive receptor: C2502)				
** receptor	DISCCART	406737.497271559	3759112.50352298	438.80	1.50
	=B2544+1 (sensitive receptor: C2503)				
** receptor	DISCCART	406737.497271559	3759062.5037003	447.90	1.50
	=B2545+1 (sensitive receptor: C2504)				
** receptor	DISCCART	406737.497271559	3759012.50387762	433.80	1.50
	=B2546+1 (sensitive receptor: C2505)				
** receptor	DISCCART	406737.497271559	3758962.50405494	424.70	1.50
	=B2547+1 (sensitive receptor: C2506)				
** receptor	DISCCART	406737.497271559	3758912.50423226	411.60	1.50
	=B2548+1 (sensitive receptor: C2507)				
** receptor	DISCCART	406737.497271559	3758662.50511885	386.30	1.50
	=B2549+1 (sensitive receptor: C2508)				
** receptor	DISCCART	406737.497271559	3758612.50529617	380.50	1.50
	=B2550+1 (sensitive receptor: C2509)				
** receptor	DISCCART	406787.50007137	3759012.50387762	442.30	1.50
	=B2551+1 (sensitive receptor: C2510)				
** receptor	DISCCART	406787.50007137	3758962.50405494	424.70	1.50
	=B2552+1 (sensitive receptor: C2511)				
** receptor	DISCCART	406787.50007137	3758712.50494153	395.80	1.50
	=B2553+1 (sensitive receptor: C2512)				
** receptor	DISCCART	406787.50007137	3758662.50511885	391.50	1.50
	=B2554+1 (sensitive receptor: C2513)				
** receptor	DISCCART	406787.50007137	3758612.50529617	379.80	1.50
	=B2555+1 (sensitive receptor: C2514)				
** receptor	DISCCART	406837.502871182	3758712.50494153	403.40	1.50
	=B2556+1 (sensitive receptor: C2515)				
** receptor	DISCCART	406837.502871182	3758662.50511885	395.20	1.50
	=B2557+1 (sensitive receptor: C2516)				
** receptor	DISCCART	406837.502871182	3758612.50529617	382.40	1.50
	=B2558+1 (sensitive receptor: C2517)				
** receptor	DISCCART	406887.497425149	3758762.50476421	411.20	1.50
	=B2559+1 (sensitive receptor: C2518)				
** receptor	DISCCART	406887.497425149	3758712.50494153	401.70	1.50
	=B2560+1 (sensitive receptor: C2519)				
** receptor	DISCCART	406887.497425149	3758662.50511885	391.90	1.50
	=B2561+1 (sensitive receptor: C2520)				
** receptor	DISCCART	406887.497425149	3758612.50529617	369.50	1.50
	=B2562+1 (sensitive receptor: C2521)				
** receptor	DISCCART	406937.50022496	3758762.50476421	411.60	1.50
	=B2563+1 (sensitive receptor: C2522)				
** receptor	DISCCART	406937.50022496	3758712.50494153	398.40	1.50
	=B2564+1 (sensitive receptor: C2523)				
** receptor	DISCCART	406937.50022496	3758662.50511885	385.70	1.50
	=B2565+1 (sensitive receptor: C2524)				
** receptor	DISCCART	406937.50022496	3758612.50529617	378.50	1.50
	=B2566+1 (sensitive receptor: C2525)				
** receptor	DISCCART	406987.503024771	3758712.50494153	399.80	1.50
	=B2567+1 (sensitive receptor: C2526)				
** receptor	DISCCART	406987.503024771	3758662.50511885	382.00	1.50
	=B2568+1 (sensitive receptor: C2527)				
** receptor	DISCCART	406987.503024771	3758612.50529617	381.80	1.50
	=B2569+1 (sensitive receptor: C2528)				

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** DISCCART	407037.497578738	3758712.50494153	398.40	1.50
** receptor	=B2570+1 (sensitive receptor: C2529)			
** DISCCART	407037.497578738	3758662.50511885	377.50	1.50
** receptor	=B2571+1 (sensitive receptor: C2530)			
** DISCCART	407037.497578738	3758612.50529617	391.30	1.50
** receptor	=B2572+1 (sensitive receptor: C2531)			
** DISCCART	407087.500378549	3758662.50511885	382.80	1.50
** receptor	=B2573+1 (sensitive receptor: C2532)			
** DISCCART	407087.500378549	3758612.50529617	403.10	1.50
** receptor	=B2574+1 (sensitive receptor: C2533)			
** DISCCART	407137.50317836	3758662.50511885	404.40	1.50
** receptor	=B2575+1 (sensitive receptor: C2534)			
** DISCCART	407137.50317836	3758612.50529617	412.60	1.50
** receptor	=B2576+1 (sensitive receptor: C2535)			
** DISCCART	407187.497732327	3758662.50511885	426.00	1.50
** receptor	=B2577+1 (sensitive receptor: C2536)			
** DISCCART	407187.497732327	3758612.50529617	427.60	1.50
** receptor	=B2578+1 (sensitive receptor: C2537)			
** DISCCART	407237.500532139	3758662.50511885	442.10	1.50
** receptor	=B2579+1 (sensitive receptor: C2538)			
** DISCCART	407237.500532139	3758612.50529617	441.20	1.50
** receptor	=B2580+1 (sensitive receptor: C2539)			
** DISCCART	407287.50333195	3758662.50511885	458.50	1.50
** receptor	=B2581+1 (sensitive receptor: C2540)			
** DISCCART	407287.50333195	3758612.50529617	458.50	1.50
** receptor	=B2582+1 (sensitive receptor: C2541)			
** DISCCART	407337.497885917	3758662.50511885	474.90	1.50
** receptor	=B2583+1 (sensitive receptor: C2542)			
** DISCCART	407337.497885917	3758612.50529617	471.60	1.50
** receptor	=B2584+1 (sensitive receptor: C2543)			
** DISCCART	407387.500685728	3758662.50511885	491.30	1.50
** receptor	=B2585+1 (sensitive receptor: C2544)			
** DISCCART	407387.500685728	3758612.50529617	490.60	1.50
** receptor	=B2586+1 (sensitive receptor: C2545)			
** DISCCART	407437.495239695	3758662.50511885	504.40	1.50
** receptor	=B2587+1 (sensitive receptor: C2546)			
** DISCCART	407437.495239695	3758612.50529617	506.50	1.50
** receptor	=B2588+1 (sensitive receptor: C2547)			
** DISCCART	407487.498039506	3758662.50511885	500.10	1.50
** receptor	=B2589+1 (sensitive receptor: C2548)			
** DISCCART	407487.498039506	3758612.50529617	490.50	1.50
** receptor	=B2590+1 (sensitive receptor: C2549)			
** DISCCART	407537.500839317	3758662.50511885	0.00	1.50
** receptor	=B2591+1 (sensitive receptor: C2550)			
** DISCCART	407537.500839317	3758612.50529617	0.00	1.50
** receptor	=B2592+1 (sensitive receptor: C2551)			
** DISCCART	407587.495393284	3758662.50511885	0.00	1.50
** receptor	=B2593+1 (sensitive receptor: C2552)			
** DISCCART	407587.495393284	3758612.50529617	0.00	1.50
** receptor	=B2594+1 (sensitive receptor: C2553)			
** DISCCART	407637.498193095	3758612.50529617	0.00	1.50
** receptor	=B2595+1 (sensitive receptor: C2554)			
** DISCCART	407687.500992907	3758612.50529617	0.00	1.50
** receptor	=B2596+1 (sensitive receptor: C2555)			
** DISCCART	407737.495546874	3758612.50529617	0.00	1.50
** receptor	=B2597+1 (sensitive receptor: C2556)			
** DISCCART	407787.498346685	3758612.50529617	0.00	1.50
** receptor	=B2598+1 (sensitive receptor: C2557)			
** DISCCART	407837.501146496	3758612.50529617	0.00	1.50
** receptor	=B2599+1 (sensitive receptor: C2558)			
** DISCCART	407887.503946307	3758612.50529617	0.00	1.50
** receptor	=B2600+1 (sensitive receptor: C2559)			
** DISCCART	407937.498500274	3758612.50529617	0.00	1.50
** receptor	=B2601+1 (sensitive receptor: C2560)			
** DISCCART	407987.501300085	3758612.50529617	0.00	1.50
** receptor	=B2602+1 (sensitive receptor: C2561)			
** DISCCART	408037.495854052	3758612.50529617	0.00	1.50
** receptor	=B2603+1 (sensitive receptor: C2562)			
** DISCCART	408087.498653864	3758612.50529617	0.00	1.50
** receptor	=B2604+1 (sensitive receptor: C2563)			
** DISCCART	405987.496503612	3758612.50529617	311.60	1.50
** receptor	=B2605+1 (sensitive receptor: C2564)			
** DISCCART	406037.499303424	3758612.50529617	316.10	1.50
** receptor	=B2606+1 (sensitive receptor: C2565)			
** DISCCART	406087.502103235	3758612.50529617	319.70	1.50
** receptor	=B2607+1 (sensitive receptor: C2566)			

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** DISCCART	406137.496657202	3758612.50529617	322.70	1.50
** receptor	=B2608+1 (sensitive receptor: C2567)			
** DISCCART	406187.499457013	3758612.50529617	329.20	1.50
** receptor	=B2609+1 (sensitive receptor: C2568)			
** DISCCART	406237.502256824	3758612.50529617	334.60	1.50
** receptor	=B2610+1 (sensitive receptor: C2569)			
** DISCCART	406287.496810791	3758612.50529617	340.40	1.50
** receptor	=B2611+1 (sensitive receptor: C2570)			
** DISCCART	406337.499610602	3758612.50529617	344.40	1.50
** receptor	=B2612+1 (sensitive receptor: C2571)			
** DISCCART	406387.502410414	3758612.50529617	350.60	1.50
** receptor	=B2613+1 (sensitive receptor: C2572)			
** DISCCART	406437.496964381	3758612.50529617	356.80	1.50
** receptor	=B2614+1 (sensitive receptor: C2573)			
** DISCCART	406487.499764192	3758612.50529617	360.80	1.50
** receptor	=B2615+1 (sensitive receptor: C2574)			
** DISCCART	406512.501164097	3758562.50547349	358.00	1.50
** receptor	=B2616+1 (sensitive receptor: C2575)			
** DISCCART	406537.502564003	3758612.50529617	365.30	1.50
** receptor	=B2617+1 (sensitive receptor: C2576)			
** DISCCART	406562.495718064	3758562.50547349	360.80	1.50
** receptor	=B2618+1 (sensitive receptor: C2577)			
** DISCCART	406612.498517875	3758562.50547349	363.60	1.50
** receptor	=B2619+1 (sensitive receptor: C2578)			
** DISCCART	406662.501317687	3758562.50547349	360.80	1.50
** receptor	=B2620+1 (sensitive receptor: C2579)			
** DISCCART	406712.495871654	3758562.50547349	367.40	1.50
** receptor	=B2621+1 (sensitive receptor: C2580)			
** DISCCART	406762.498671465	3758562.50547349	367.30	1.50
** receptor	=B2622+1 (sensitive receptor: C2581)			
** DISCCART	406812.501471276	3758562.50547349	363.10	1.50
** receptor	=B2623+1 (sensitive receptor: C2582)			
** DISCCART	406862.496025243	3758562.50547349	360.20	1.50
** receptor	=B2624+1 (sensitive receptor: C2583)			
** DISCCART	406912.498825054	3758562.50547349	380.90	1.50
** receptor	=B2625+1 (sensitive receptor: C2584)			
** DISCCART	406962.501624865	3758562.50547349	387.50	1.50
** receptor	=B2626+1 (sensitive receptor: C2585)			
** DISCCART	407012.504424677	3758562.50547349	395.80	1.50
** receptor	=B2627+1 (sensitive receptor: C2586)			
** DISCCART	407062.498978644	3758562.50547349	402.20	1.50
** receptor	=B2628+1 (sensitive receptor: C2587)			
** DISCCART	407112.501778455	3758562.50547349	413.80	1.50
** receptor	=B2629+1 (sensitive receptor: C2588)			
** DISCCART	407162.496332422	3758562.50547349	417.00	1.50
** receptor	=B2630+1 (sensitive receptor: C2589)			
** DISCCART	407212.499132233	3758562.50547349	456.10	1.50
** receptor	=B2631+1 (sensitive receptor: C2590)			
** DISCCART	407262.501932044	3758562.50547349	458.60	1.50
** receptor	=B2632+1 (sensitive receptor: C2591)			
** DISCCART	407312.496486011	3758562.50547349	466.00	1.50
** receptor	=B2633+1 (sensitive receptor: C2592)			
** DISCCART	407362.499285822	3758562.50547349	479.80	1.50
** receptor	=B2634+1 (sensitive receptor: C2593)			
** DISCCART	407412.502085634	3758562.50547349	499.00	1.50
** receptor	=B2635+1 (sensitive receptor: C2594)			
** DISCCART	407462.4966396	3758562.50547349	515.80	1.50
** receptor	=B2636+1 (sensitive receptor: C2595)			
** DISCCART	407512.499439412	3758562.50547349	483.20	1.50
** receptor	=B2637+1 (sensitive receptor: C2596)			
** DISCCART	407562.502239223	3758562.50547349	0.00	1.50
** receptor	=B2638+1 (sensitive receptor: C2597)			
** DISCCART	407612.49679319	3758562.50547349	0.00	1.50
** receptor	=B2639+1 (sensitive receptor: C2598)			
** DISCCART	407662.499593001	3758562.50547349	0.00	1.50
** receptor	=B2640+1 (sensitive receptor: C2599)			
** DISCCART	407712.502392812	3758562.50547349	0.00	1.50
** receptor	=B2641+1 (sensitive receptor: C2600)			
** DISCCART	407762.496946779	3758562.50547349	0.00	1.50
** receptor	=B2642+1 (sensitive receptor: C2601)			
** DISCCART	407812.49974659	3758562.50547349	0.00	1.50
** receptor	=B2643+1 (sensitive receptor: C2602)			
** DISCCART	407862.502546402	3758562.50547349	0.00	1.50
** receptor	=B2644+1 (sensitive receptor: C2603)			
** DISCCART	407912.497100369	3758562.50547349	0.00	1.50
** receptor	=B2645+1 (sensitive receptor: C2604)			

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DISCCART	407962.49990018	3758562.50547349	0.00	1.50
** receptor	=B2646+1 (sensitive receptor: C2605)			
DISCCART	408012.502699991	3758562.50547349	0.00	1.50
** receptor	=B2647+1 (sensitive receptor: C2606)			
DISCCART	408062.497253958	3758562.50547349	0.00	1.50
** receptor	=B2648+1 (sensitive receptor: C2607)			
DISCCART	408112.500053769	3758562.50547349	0.00	1.50
** receptor	=B2649+1 (sensitive receptor: C2608)			
DISCCART	405987.496503612	3759987.50541887	748.50	1.50
** receptor	=B2650+1 (sensitive receptor: C2609)			
DISCCART	405987.496503612	3759937.50559619	717.10	1.50
** receptor	=B2651+1 (sensitive receptor: C2610)			
DISCCART	405987.496503612	3759887.50577351	696.60	1.50
** receptor	=B2652+1 (sensitive receptor: C2611)			
DISCCART	405987.496503612	3759837.50595083	649.30	1.50
** receptor	=B2653+1 (sensitive receptor: C2612)			
DISCCART	405987.496503612	3759787.50612815	627.20	1.50
** receptor	=B2654+1 (sensitive receptor: C2613)			
DISCCART	405987.496503612	3759737.50630547	624.90	1.50
** receptor	=B2655+1 (sensitive receptor: C2614)			
DISCCART	405987.496503612	3759687.50648279	554.20	1.50
** receptor	=B2656+1 (sensitive receptor: C2615)			
DISCCART	405987.496503612	3759637.50666011	537.10	1.50
** receptor	=B2657+1 (sensitive receptor: C2616)			
DISCCART	405987.496503612	3759587.50683743	524.10	1.50
** receptor	=B2658+1 (sensitive receptor: C2617)			
DISCCART	405987.496503612	3759537.50701475	530.70	1.50
** receptor	=B2659+1 (sensitive receptor: C2618)			
DISCCART	405987.496503612	3759487.50719207	531.40	1.50
** receptor	=B2660+1 (sensitive receptor: C2619)			
DISCCART	405987.496503612	3759437.50736939	520.60	1.50
** receptor	=B2661+1 (sensitive receptor: C2620)			
DISCCART	405987.496503612	3759387.49754874	488.50	1.50
** receptor	=B2662+1 (sensitive receptor: C2621)			
DISCCART	405987.496503612	3759337.49772606	458.30	1.50
** receptor	=B2663+1 (sensitive receptor: C2622)			
DISCCART	405987.496503612	3759287.49790338	426.30	1.50
** receptor	=B2664+1 (sensitive receptor: C2623)			
DISCCART	405987.496503612	3759237.4980807	402.50	1.50
** receptor	=B2665+1 (sensitive receptor: C2624)			
DISCCART	405987.496503612	3759187.49825802	377.30	1.50
** receptor	=B2666+1 (sensitive receptor: C2625)			
DISCCART	405987.496503612	3759137.49843534	376.40	1.50
** receptor	=B2667+1 (sensitive receptor: C2626)			
DISCCART	405987.496503612	3759087.49861266	367.30	1.50
** receptor	=B2668+1 (sensitive receptor: C2627)			
DISCCART	405987.496503612	3759037.49878997	357.50	1.50
** receptor	=B2669+1 (sensitive receptor: C2628)			
DISCCART	405987.496503612	3758987.49896729	357.50	1.50
** receptor	=B2670+1 (sensitive receptor: C2629)			
DISCCART	405987.496503612	3758937.49914461	353.50	1.50
** receptor	=B2671+1 (sensitive receptor: C2630)			
DISCCART	405987.496503612	3758887.49932193	344.40	1.50
** receptor	=B2672+1 (sensitive receptor: C2631)			
DISCCART	405987.496503612	3758837.49949925	337.80	1.50
** receptor	=B2673+1 (sensitive receptor: C2632)			
DISCCART	405987.496503612	3758787.49967657	331.30	1.50
** receptor	=B2674+1 (sensitive receptor: C2633)			
DISCCART	405987.496503612	3758737.49985389	324.70	1.50
** receptor	=B2675+1 (sensitive receptor: C2634)			
DISCCART	405987.496503612	3758687.50003121	320.70	1.50
** receptor	=B2676+1 (sensitive receptor: C2635)			
DISCCART	406037.499303424	3759987.50541887	707.80	1.50
** receptor	=B2677+1 (sensitive receptor: C2636)			
DISCCART	406037.499303424	3759837.50595083	631.60	1.50
** receptor	=B2678+1 (sensitive receptor: C2637)			
DISCCART	406037.499303424	3759787.50612815	603.60	1.50
** receptor	=B2679+1 (sensitive receptor: C2638)			
DISCCART	406037.499303424	3759737.50630547	590.00	1.50
** receptor	=B2680+1 (sensitive receptor: C2639)			
DISCCART	406037.499303424	3759687.50648279	560.00	1.50
** receptor	=B2681+1 (sensitive receptor: C2640)			
DISCCART	406037.499303424	3759637.50666011	538.60	1.50
** receptor	=B2682+1 (sensitive receptor: C2641)			
DISCCART	406037.499303424	3759587.50683743	525.50	1.50
** receptor	=B2683+1 (sensitive receptor: C2642)			

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** receptor	DISCCART	406037.499303424	3759537.50701475	517.00	1.50
** receptor	=B2684+1 (sensitive receptor: C2643)				
** receptor	DISCCART	406037.499303424	3759487.50719207	480.40	1.50
** receptor	=B2685+1 (sensitive receptor: C2644)				
** receptor	DISCCART	406037.499303424	3759437.50736939	463.20	1.50
** receptor	=B2686+1 (sensitive receptor: C2645)				
** receptor	DISCCART	406037.499303424	3759387.49754874	457.20	1.50
** receptor	=B2687+1 (sensitive receptor: C2646)				
** receptor	DISCCART	406037.499303424	3759337.49772606	437.00	1.50
** receptor	=B2688+1 (sensitive receptor: C2647)				
** receptor	DISCCART	406037.499303424	3759287.49790338	417.80	1.50
** receptor	=B2689+1 (sensitive receptor: C2648)				
** receptor	DISCCART	406037.499303424	3759237.4980807	396.80	1.50
** receptor	=B2690+1 (sensitive receptor: C2649)				
** receptor	DISCCART	406037.499303424	3759187.49825802	387.00	1.50
** receptor	=B2691+1 (sensitive receptor: C2650)				
** receptor	DISCCART	406037.499303424	3759137.49843534	380.50	1.50
** receptor	=B2692+1 (sensitive receptor: C2651)				
** receptor	DISCCART	406037.499303424	3759087.49861266	373.90	1.50
** receptor	=B2693+1 (sensitive receptor: C2652)				
** receptor	DISCCART	406037.499303424	3759037.49878997	366.60	1.50
** receptor	=B2694+1 (sensitive receptor: C2653)				
** receptor	DISCCART	406037.499303424	3758987.49896729	364.10	1.50
** receptor	=B2695+1 (sensitive receptor: C2654)				
** receptor	DISCCART	406037.499303424	3758937.49914461	357.50	1.50
** receptor	=B2696+1 (sensitive receptor: C2655)				
** receptor	DISCCART	406037.499303424	3758887.49932193	350.20	1.50
** receptor	=B2697+1 (sensitive receptor: C2656)				
** receptor	DISCCART	406037.499303424	3758837.49949925	341.10	1.50
** receptor	=B2698+1 (sensitive receptor: C2657)				
** receptor	DISCCART	406037.499303424	3758787.49967657	337.10	1.50
** receptor	=B2699+1 (sensitive receptor: C2658)				
** receptor	DISCCART	406037.499303424	3758737.49985389	330.50	1.50
** receptor	=B2700+1 (sensitive receptor: C2659)				
** receptor	DISCCART	406037.499303424	3758687.50003121	321.40	1.50
** receptor	=B2701+1 (sensitive receptor: C2660)				
** receptor	DISCCART	406087.502103235	3759987.50541887	645.50	1.50
** receptor	=B2702+1 (sensitive receptor: C2661)				
** receptor	DISCCART	406087.502103235	3759837.50595083	514.80	1.50
** receptor	=B2703+1 (sensitive receptor: C2662)				
** receptor	DISCCART	406087.502103235	3759787.50612815	500.20	1.50
** receptor	=B2704+1 (sensitive receptor: C2663)				
** receptor	DISCCART	406087.502103235	3759737.50630547	496.30	1.50
** receptor	=B2705+1 (sensitive receptor: C2664)				
** receptor	DISCCART	406087.502103235	3759687.50648279	490.40	1.50
** receptor	=B2706+1 (sensitive receptor: C2665)				
** receptor	DISCCART	406087.502103235	3759637.50666011	490.40	1.50
** receptor	=B2707+1 (sensitive receptor: C2666)				
** receptor	DISCCART	406087.502103235	3759587.50683743	480.90	1.50
** receptor	=B2708+1 (sensitive receptor: C2667)				
** receptor	DISCCART	406087.502103235	3759537.50701475	465.80	1.50
** receptor	=B2709+1 (sensitive receptor: C2668)				
** receptor	DISCCART	406087.502103235	3759487.50719207	463.20	1.50
** receptor	=B2710+1 (sensitive receptor: C2669)				
** receptor	DISCCART	406087.502103235	3759437.50736939	435.10	1.50
** receptor	=B2711+1 (sensitive receptor: C2670)				
** receptor	DISCCART	406087.502103235	3759387.49754874	421.30	1.50
** receptor	=B2712+1 (sensitive receptor: C2671)				
** receptor	DISCCART	406087.502103235	3759337.49772606	416.60	1.50
** receptor	=B2713+1 (sensitive receptor: C2672)				
** receptor	DISCCART	406087.502103235	3759287.49790338	420.50	1.50
** receptor	=B2714+1 (sensitive receptor: C2673)				
** receptor	DISCCART	406087.502103235	3759237.4980807	396.90	1.50
** receptor	=B2715+1 (sensitive receptor: C2674)				
** receptor	DISCCART	406087.502103235	3759187.49825802	393.60	1.50
** receptor	=B2716+1 (sensitive receptor: C2675)				
** receptor	DISCCART	406087.502103235	3759137.49843534	387.00	1.50
** receptor	=B2717+1 (sensitive receptor: C2676)				
** receptor	DISCCART	406087.502103235	3759087.49861266	380.50	1.50
** receptor	=B2718+1 (sensitive receptor: C2677)				
** receptor	DISCCART	406087.502103235	3759037.49878997	373.90	1.50
** receptor	=B2719+1 (sensitive receptor: C2678)				
** receptor	DISCCART	406087.502103235	3758987.49896729	369.90	1.50
** receptor	=B2720+1 (sensitive receptor: C2679)				
** receptor	DISCCART	406087.502103235	3758937.49914461	360.80	1.50
** receptor	=B2721+1 (sensitive receptor: C2680)				

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** receptor	DISCCART	406087.502103235	3758887.49932193	356.70	1.50
** receptor	=B2722+1 (sensitive receptor: C2681)				
** receptor	DISCCART	406087.502103235	3758837.49949925	347.70	1.50
** receptor	=B2723+1 (sensitive receptor: C2682)				
** receptor	DISCCART	406087.502103235	3758787.49967657	341.10	1.50
** receptor	=B2724+1 (sensitive receptor: C2683)				
** receptor	DISCCART	406087.502103235	3758737.49985389	334.60	1.50
** receptor	=B2725+1 (sensitive receptor: C2684)				
** receptor	DISCCART	406087.502103235	3758687.50003121	328.00	1.50
** receptor	=B2726+1 (sensitive receptor: C2685)				
** receptor	DISCCART	406137.496657202	3759987.50541887	550.90	1.50
** receptor	=B2727+1 (sensitive receptor: C2686)				
** receptor	DISCCART	406137.496657202	3759837.50595083	488.60	1.50
** receptor	=B2728+1 (sensitive receptor: C2687)				
** receptor	DISCCART	406137.496657202	3759787.50612815	485.40	1.50
** receptor	=B2729+1 (sensitive receptor: C2688)				
** receptor	DISCCART	406137.496657202	3759737.50630547	484.00	1.50
** receptor	=B2730+1 (sensitive receptor: C2689)				
** receptor	DISCCART	406137.496657202	3759687.50648279	484.00	1.50
** receptor	=B2731+1 (sensitive receptor: C2690)				
** receptor	DISCCART	406137.496657202	3759637.50666011	471.50	1.50
** receptor	=B2732+1 (sensitive receptor: C2691)				
** receptor	DISCCART	406137.496657202	3759587.50683743	465.70	1.50
** receptor	=B2733+1 (sensitive receptor: C2692)				
** receptor	DISCCART	406137.496657202	3759537.50701475	457.10	1.50
** receptor	=B2734+1 (sensitive receptor: C2693)				
** receptor	DISCCART	406137.496657202	3759487.50719207	427.80	1.50
** receptor	=B2735+1 (sensitive receptor: C2694)				
** receptor	DISCCART	406137.496657202	3759437.50736939	429.00	1.50
** receptor	=B2736+1 (sensitive receptor: C2695)				
** receptor	DISCCART	406137.496657202	3759387.49754874	438.10	1.50
** receptor	=B2737+1 (sensitive receptor: C2696)				
** receptor	DISCCART	406137.496657202	3759337.49772606	434.90	1.50
** receptor	=B2738+1 (sensitive receptor: C2697)				
** receptor	DISCCART	406137.496657202	3759287.49790338	428.80	1.50
** receptor	=B2739+1 (sensitive receptor: C2698)				
** receptor	DISCCART	406137.496657202	3759237.4980807	409.90	1.50
** receptor	=B2740+1 (sensitive receptor: C2699)				
** receptor	DISCCART	406137.496657202	3759187.49825802	402.70	1.50
** receptor	=B2741+1 (sensitive receptor: C2700)				
** receptor	DISCCART	406137.496657202	3759137.49843534	393.60	1.50
** receptor	=B2742+1 (sensitive receptor: C2701)				
** receptor	DISCCART	406137.496657202	3759087.49861266	387.00	1.50
** receptor	=B2743+1 (sensitive receptor: C2702)				
** receptor	DISCCART	406137.496657202	3759037.49878997	380.50	1.50
** receptor	=B2744+1 (sensitive receptor: C2703)				
** receptor	DISCCART	406137.496657202	3758987.49896729	377.20	1.50
** receptor	=B2745+1 (sensitive receptor: C2704)				
** receptor	DISCCART	406137.496657202	3758937.49914461	369.90	1.50
** receptor	=B2746+1 (sensitive receptor: C2705)				
** receptor	DISCCART	406137.496657202	3758887.49932193	360.80	1.50
** receptor	=B2747+1 (sensitive receptor: C2706)				
** receptor	DISCCART	406137.496657202	3758837.49949925	354.20	1.50
** receptor	=B2748+1 (sensitive receptor: C2707)				
** receptor	DISCCART	406137.496657202	3758787.49967657	344.40	1.50
** receptor	=B2749+1 (sensitive receptor: C2708)				
** receptor	DISCCART	406137.496657202	3758737.49985389	337.80	1.50
** receptor	=B2750+1 (sensitive receptor: C2709)				
** receptor	DISCCART	406137.496657202	3758687.50003121	331.30	1.50
** receptor	=B2751+1 (sensitive receptor: C2710)				
** receptor	DISCCART	406187.499457013	3759437.50736939	487.20	1.50
** receptor	=B2752+1 (sensitive receptor: C2711)				
** receptor	DISCCART	406187.499457013	3759387.49754874	470.10	1.50
** receptor	=B2753+1 (sensitive receptor: C2712)				
** receptor	DISCCART	406187.499457013	3759337.49772606	462.50	1.50
** receptor	=B2754+1 (sensitive receptor: C2713)				
** receptor	DISCCART	406187.499457013	3759287.49790338	439.40	1.50
** receptor	=B2755+1 (sensitive receptor: C2714)				
** receptor	DISCCART	406187.499457013	3759237.4980807	416.60	1.50
** receptor	=B2756+1 (sensitive receptor: C2715)				
** receptor	DISCCART	406187.499457013	3759187.49825802	406.70	1.50
** receptor	=B2757+1 (sensitive receptor: C2716)				
** receptor	DISCCART	406187.499457013	3759137.49843534	400.10	1.50
** receptor	=B2758+1 (sensitive receptor: C2717)				
** receptor	DISCCART	406187.499457013	3759087.49861266	393.60	1.50
** receptor	=B2759+1 (sensitive receptor: C2718)				

Appendix B

PM Annual Emissions unmitigated

** DISCCART	406187.499457013	3759037.49878997	387.00	1.50
** receptor	=B2760+1 (sensitive receptor: C2719)			
** DISCCART	406187.499457013	3758987.49896729	383.00	1.50
** receptor	=B2761+1 (sensitive receptor: C2720)			
** DISCCART	406187.499457013	3758937.49914461	373.90	1.50
** receptor	=B2762+1 (sensitive receptor: C2721)			
** DISCCART	406187.499457013	3758887.49932193	366.60	1.50
** receptor	=B2763+1 (sensitive receptor: C2722)			
** DISCCART	406187.499457013	3758837.49949925	357.50	1.50
** receptor	=B2764+1 (sensitive receptor: C2723)			
** DISCCART	406187.499457013	3758787.49967657	347.70	1.50
** receptor	=B2765+1 (sensitive receptor: C2724)			
** DISCCART	406187.499457013	3758737.49985389	341.00	1.50
** receptor	=B2766+1 (sensitive receptor: C2725)			
** DISCCART	406187.499457013	3758687.50003121	334.60	1.50
** receptor	=B2767+1 (sensitive receptor: C2726)			
** DISCCART	406237.502256824	3759437.50736939	501.80	1.50
** receptor	=B2768+1 (sensitive receptor: C2727)			
** DISCCART	406237.502256824	3759387.49754874	482.80	1.50
** receptor	=B2769+1 (sensitive receptor: C2728)			
** DISCCART	406237.502256824	3759337.49772606	462.30	1.50
** receptor	=B2770+1 (sensitive receptor: C2729)			
** DISCCART	406237.502256824	3759287.49790338	446.00	1.50
** receptor	=B2771+1 (sensitive receptor: C2730)			
** DISCCART	406237.502256824	3759237.4980807	426.30	1.50
** receptor	=B2772+1 (sensitive receptor: C2731)			
** DISCCART	406237.502256824	3759187.49825802	413.30	1.50
** receptor	=B2773+1 (sensitive receptor: C2732)			
** DISCCART	406237.502256824	3759137.49843534	403.40	1.50
** receptor	=B2774+1 (sensitive receptor: C2733)			
** DISCCART	406237.502256824	3759087.49861266	399.40	1.50
** receptor	=B2775+1 (sensitive receptor: C2734)			
** DISCCART	406237.502256824	3759037.49878997	390.30	1.50
** receptor	=B2776+1 (sensitive receptor: C2735)			
** DISCCART	406237.502256824	3758987.49896729	383.80	1.50
** receptor	=B2777+1 (sensitive receptor: C2736)			
** DISCCART	406237.502256824	3758937.49914461	377.10	1.50
** receptor	=B2778+1 (sensitive receptor: C2737)			
** DISCCART	406237.502256824	3758887.49932193	367.40	1.50
** receptor	=B2779+1 (sensitive receptor: C2738)			
** DISCCART	406237.502256824	3758837.49949925	360.70	1.50
** receptor	=B2780+1 (sensitive receptor: C2739)			
** DISCCART	406237.502256824	3758787.49967657	350.90	1.50
** receptor	=B2781+1 (sensitive receptor: C2740)			
** DISCCART	406237.502256824	3758737.49985389	344.30	1.50
** receptor	=B2782+1 (sensitive receptor: C2741)			
** DISCCART	406237.502256824	3758687.50003121	337.80	1.50
** receptor	=B2783+1 (sensitive receptor: C2742)			
** DISCCART	406287.496810791	3759437.50736939	508.40	1.50
** receptor	=B2784+1 (sensitive receptor: C2743)			
** DISCCART	406287.496810791	3759387.49754874	501.00	1.50
** receptor	=B2785+1 (sensitive receptor: C2744)			
** DISCCART	406287.496810791	3759337.49772606	465.00	1.50
** receptor	=B2786+1 (sensitive receptor: C2745)			
** DISCCART	406287.496810791	3759287.49790338	449.30	1.50
** receptor	=B2787+1 (sensitive receptor: C2746)			
** DISCCART	406287.496810791	3759237.4980807	432.90	1.50
** receptor	=B2788+1 (sensitive receptor: C2747)			
** DISCCART	406287.496810791	3759187.49825802	416.60	1.50
** receptor	=B2789+1 (sensitive receptor: C2748)			
** DISCCART	406287.496810791	3759137.49843534	409.20	1.50
** receptor	=B2790+1 (sensitive receptor: C2749)			
** DISCCART	406287.496810791	3759087.49861266	400.20	1.50
** receptor	=B2791+1 (sensitive receptor: C2750)			
** DISCCART	406287.496810791	3759037.49878997	393.50	1.50
** receptor	=B2792+1 (sensitive receptor: C2751)			
** DISCCART	406287.496810791	3758987.49896729	383.70	1.50
** receptor	=B2793+1 (sensitive receptor: C2752)			
** DISCCART	406287.496810791	3758937.49914461	377.10	1.50
** receptor	=B2794+1 (sensitive receptor: C2753)			
** DISCCART	406287.496810791	3758887.49932193	367.40	1.50
** receptor	=B2795+1 (sensitive receptor: C2754)			
** DISCCART	406287.496810791	3758837.49949925	357.50	1.50
** receptor	=B2796+1 (sensitive receptor: C2755)			
** DISCCART	406287.496810791	3758787.49967657	354.20	1.50
** receptor	=B2797+1 (sensitive receptor: C2756)			

Appendix B

PM Annual Emissions unmitigated

** DISCCART	406287.496810791	3758737.49985389	346.90	1.50
** receptor	=B2798+1 (sensitive receptor: C2757)			
** DISCCART	406287.496810791	3758687.50003121	343.60	1.50
** receptor	=B2799+1 (sensitive receptor: C2758)			
** DISCCART	406337.499610602	3759437.50736939	508.30	1.50
** receptor	=B2800+1 (sensitive receptor: C2759)			
** DISCCART	406337.499610602	3759387.49754874	499.30	1.50
** receptor	=B2801+1 (sensitive receptor: C2760)			
** DISCCART	406337.499610602	3759337.49772606	475.40	1.50
** receptor	=B2802+1 (sensitive receptor: C2761)			
** DISCCART	406337.499610602	3759287.49790338	452.60	1.50
** receptor	=B2803+1 (sensitive receptor: C2762)			
** DISCCART	406337.499610602	3759237.4980807	436.20	1.50
** receptor	=B2804+1 (sensitive receptor: C2763)			
** DISCCART	406337.499610602	3759187.49825802	423.00	1.50
** receptor	=B2805+1 (sensitive receptor: C2764)			
** DISCCART	406337.499610602	3759137.49843534	412.50	1.50
** receptor	=B2806+1 (sensitive receptor: C2765)			
** DISCCART	406337.499610602	3759087.49861266	400.20	1.50
** receptor	=B2807+1 (sensitive receptor: C2766)			
** DISCCART	406337.499610602	3759037.49878997	393.60	1.50
** receptor	=B2808+1 (sensitive receptor: C2767)			
** DISCCART	406337.499610602	3758987.49896729	383.70	1.50
** receptor	=B2809+1 (sensitive receptor: C2768)			
** DISCCART	406337.499610602	3758937.49914461	373.90	1.50
** receptor	=B2810+1 (sensitive receptor: C2769)			
** DISCCART	406337.499610602	3758887.49932193	367.30	1.50
** receptor	=B2811+1 (sensitive receptor: C2770)			
** DISCCART	406337.499610602	3758837.49949925	358.20	1.50
** receptor	=B2812+1 (sensitive receptor: C2771)			
** DISCCART	406337.499610602	3758787.49967657	354.20	1.50
** receptor	=B2813+1 (sensitive receptor: C2772)			
** DISCCART	406337.499610602	3758737.49985389	350.20	1.50
** receptor	=B2814+1 (sensitive receptor: C2773)			
** DISCCART	406337.499610602	3758687.50003121	347.00	1.50
** receptor	=B2815+1 (sensitive receptor: C2774)			
** DISCCART	406387.502410414	3759337.49772606	459.10	1.50
** receptor	=B2816+1 (sensitive receptor: C2775)			
** DISCCART	406387.502410414	3759287.49790338	449.20	1.50
** receptor	=B2817+1 (sensitive receptor: C2776)			
** DISCCART	406387.502410414	3759237.4980807	436.20	1.50
** receptor	=B2818+1 (sensitive receptor: C2777)			
** DISCCART	406387.502410414	3759187.49825802	425.60	1.50
** receptor	=B2819+1 (sensitive receptor: C2778)			
** DISCCART	406387.502410414	3759137.49843534	413.20	1.50
** receptor	=B2820+1 (sensitive receptor: C2779)			
** DISCCART	406387.502410414	3759087.49861266	403.40	1.50
** receptor	=B2821+1 (sensitive receptor: C2780)			
** DISCCART	406387.502410414	3759037.49878997	393.60	1.50
** receptor	=B2822+1 (sensitive receptor: C2781)			
** DISCCART	406387.502410414	3758987.49896729	386.30	1.50
** receptor	=B2823+1 (sensitive receptor: C2782)			
** DISCCART	406387.502410414	3758937.49914461	377.10	1.50
** receptor	=B2824+1 (sensitive receptor: C2783)			
** DISCCART	406387.502410414	3758887.49932193	364.00	1.50
** receptor	=B2825+1 (sensitive receptor: C2784)			
** DISCCART	406387.502410414	3758837.49949925	357.50	1.50
** receptor	=B2826+1 (sensitive receptor: C2785)			
** DISCCART	406387.502410414	3758787.49967657	354.20	1.50
** receptor	=B2827+1 (sensitive receptor: C2786)			
** DISCCART	406387.502410414	3758737.49985389	354.20	1.50
** receptor	=B2828+1 (sensitive receptor: C2787)			
** DISCCART	406387.502410414	3758687.50003121	354.20	1.50
** receptor	=B2829+1 (sensitive receptor: C2788)			
** DISCCART	406437.496964381	3759337.49772606	455.80	1.50
** receptor	=B2830+1 (sensitive receptor: C2789)			
** DISCCART	406437.496964381	3759287.49790338	446.10	1.50
** receptor	=B2831+1 (sensitive receptor: C2790)			
** DISCCART	406437.496964381	3759237.4980807	439.50	1.50
** receptor	=B2832+1 (sensitive receptor: C2791)			
** DISCCART	406437.496964381	3759187.49825802	426.30	1.50
** receptor	=B2833+1 (sensitive receptor: C2792)			
** DISCCART	406437.496964381	3759137.49843534	413.20	1.50
** receptor	=B2834+1 (sensitive receptor: C2793)			
** DISCCART	406437.496964381	3759087.49861266	403.40	1.50
** receptor	=B2835+1 (sensitive receptor: C2794)			

Appendix B

PM Annual Emissions unmitigated

** DISCCART	406437.496964381	3759037.49878997	393.60	1.50
** receptor	=B2836+1 (sensitive receptor: C2795)			
** DISCCART	406437.496964381	3758987.49896729	387.00	1.50
** receptor	=B2837+1 (sensitive receptor: C2796)			
** DISCCART	406437.496964381	3758937.49914461	380.40	1.50
** receptor	=B2838+1 (sensitive receptor: C2797)			
** DISCCART	406437.496964381	3758887.49932193	366.50	1.50
** receptor	=B2839+1 (sensitive receptor: C2798)			
** DISCCART	406437.496964381	3758837.49949925	357.50	1.50
** receptor	=B2840+1 (sensitive receptor: C2799)			
** DISCCART	406437.496964381	3758787.49967657	357.50	1.50
** receptor	=B2841+1 (sensitive receptor: C2800)			
** DISCCART	406437.496964381	3758737.49985389	357.50	1.50
** receptor	=B2842+1 (sensitive receptor: C2801)			
** DISCCART	406437.496964381	3758687.50003121	360.80	1.50
** receptor	=B2843+1 (sensitive receptor: C2802)			
** DISCCART	406487.499764192	3759287.49790338	449.30	1.50
** receptor	=B2844+1 (sensitive receptor: C2803)			
** DISCCART	406487.499764192	3759237.4980807	439.40	1.50
** receptor	=B2845+1 (sensitive receptor: C2804)			
** DISCCART	406487.499764192	3759187.49825802	423.10	1.50
** receptor	=B2846+1 (sensitive receptor: C2805)			
** DISCCART	406487.499764192	3759137.49843534	413.30	1.50
** receptor	=B2847+1 (sensitive receptor: C2806)			
** DISCCART	406487.499764192	3759087.49861266	403.40	1.50
** receptor	=B2848+1 (sensitive receptor: C2807)			
** DISCCART	406487.499764192	3759037.49878997	396.10	1.50
** receptor	=B2849+1 (sensitive receptor: C2808)			
** DISCCART	406487.499764192	3758987.49896729	390.20	1.50
** receptor	=B2850+1 (sensitive receptor: C2809)			
** DISCCART	406487.499764192	3758937.49914461	383.00	1.50
** receptor	=B2851+1 (sensitive receptor: C2810)			
** DISCCART	406487.499764192	3758887.49932193	370.60	1.50
** receptor	=B2852+1 (sensitive receptor: C2811)			
** DISCCART	406487.499764192	3758837.49949925	366.60	1.50
** receptor	=B2853+1 (sensitive receptor: C2812)			
** DISCCART	406487.499764192	3758787.49967657	366.70	1.50
** receptor	=B2854+1 (sensitive receptor: C2813)			
** DISCCART	406487.499764192	3758737.49985389	367.40	1.50
** receptor	=B2855+1 (sensitive receptor: C2814)			
** DISCCART	406487.499764192	3758687.50003121	366.60	1.50
** receptor	=B2856+1 (sensitive receptor: C2815)			
** DISCCART	406537.502564003	3759237.4980807	439.50	1.50
** receptor	=B2857+1 (sensitive receptor: C2816)			
** DISCCART	406537.502564003	3759187.49825802	426.40	1.50
** receptor	=B2858+1 (sensitive receptor: C2817)			
** DISCCART	406537.502564003	3759137.49843534	416.50	1.50
** receptor	=B2859+1 (sensitive receptor: C2818)			
** DISCCART	406537.502564003	3759087.49861266	409.20	1.50
** receptor	=B2860+1 (sensitive receptor: C2819)			
** DISCCART	406537.502564003	3759037.49878997	400.10	1.50
** receptor	=B2861+1 (sensitive receptor: C2820)			
** DISCCART	406537.502564003	3758987.49896729	390.20	1.50
** receptor	=B2862+1 (sensitive receptor: C2821)			
** DISCCART	406537.502564003	3758937.49914461	380.40	1.50
** receptor	=B2863+1 (sensitive receptor: C2822)			
** DISCCART	406537.502564003	3758887.49932193	377.20	1.50
** receptor	=B2864+1 (sensitive receptor: C2823)			
** DISCCART	406537.502564003	3758837.49949925	380.50	1.50
** receptor	=B2865+1 (sensitive receptor: C2824)			
** DISCCART	406537.502564003	3758787.49967657	379.80	1.50
** receptor	=B2866+1 (sensitive receptor: C2825)			
** DISCCART	406537.502564003	3758737.49985389	376.40	1.50
** receptor	=B2867+1 (sensitive receptor: C2826)			
** DISCCART	406537.502564003	3758687.50003121	373.10	1.50
** receptor	=B2868+1 (sensitive receptor: C2827)			
** DISCCART	406587.49711797	3759237.4980807	448.60	1.50
** receptor	=B2869+1 (sensitive receptor: C2828)			
** DISCCART	406587.49711797	3759187.49825802	436.20	1.50
** receptor	=B2870+1 (sensitive receptor: C2829)			
** DISCCART	406587.49711797	3759137.49843534	423.10	1.50
** receptor	=B2871+1 (sensitive receptor: C2830)			
** DISCCART	406587.49711797	3759087.49861266	413.30	1.50
** receptor	=B2872+1 (sensitive receptor: C2831)			
** DISCCART	406587.49711797	3759037.49878997	403.40	1.50
** receptor	=B2873+1 (sensitive receptor: C2832)			

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** receptor	DISCCART	406587.49711797	3758987.49896729	393.60	1.50
	=B2874+1 (sensitive receptor: C2833)				
** receptor	DISCCART	406587.49711797	3758937.49914461	389.60	1.50
	=B2875+1 (sensitive receptor: C2834)				
** receptor	DISCCART	406587.49711797	3758887.49932193	389.70	1.50
	=B2876+1 (sensitive receptor: C2835)				
** receptor	DISCCART	406587.49711797	3758837.49949925	389.60	1.50
	=B2877+1 (sensitive receptor: C2836)				
** receptor	DISCCART	406587.49711797	3758787.49967657	386.30	1.50
	=B2878+1 (sensitive receptor: C2837)				
** receptor	DISCCART	406587.49711797	3758737.49985389	380.50	1.50
	=B2879+1 (sensitive receptor: C2838)				
** receptor	DISCCART	406587.49711797	3758687.50003121	377.20	1.50
	=B2880+1 (sensitive receptor: C2839)				
** receptor	DISCCART	406587.49711797	3758637.50020853	370.60	1.50
	=B2881+1 (sensitive receptor: C2840)				
** receptor	DISCCART	406637.499917781	3759187.49825802	442.80	1.50
	=B2882+1 (sensitive receptor: C2841)				
** receptor	DISCCART	406637.499917781	3759137.49843534	429.60	1.50
	=B2883+1 (sensitive receptor: C2842)				
** receptor	DISCCART	406637.499917781	3759087.49861266	419.80	1.50
	=B2884+1 (sensitive receptor: C2843)				
** receptor	DISCCART	406637.499917781	3759037.49878997	403.40	1.50
	=B2885+1 (sensitive receptor: C2844)				
** receptor	DISCCART	406637.499917781	3758987.49896729	400.20	1.50
	=B2886+1 (sensitive receptor: C2845)				
** receptor	DISCCART	406637.499917781	3758937.49914461	402.70	1.50
	=B2887+1 (sensitive receptor: C2846)				
** receptor	DISCCART	406637.499917781	3758887.49932193	402.70	1.50
	=B2888+1 (sensitive receptor: C2847)				
** receptor	DISCCART	406637.499917781	3758837.49949925	396.90	1.50
	=B2889+1 (sensitive receptor: C2848)				
** receptor	DISCCART	406637.499917781	3758787.49967657	390.30	1.50
	=B2890+1 (sensitive receptor: C2849)				
** receptor	DISCCART	406637.499917781	3758737.49985389	383.80	1.50
	=B2891+1 (sensitive receptor: C2850)				
** receptor	DISCCART	406637.499917781	3758687.50003121	380.40	1.50
	=B2892+1 (sensitive receptor: C2851)				
** receptor	DISCCART	406687.502717592	3759137.49843534	429.60	1.50
	=B2893+1 (sensitive receptor: C2852)				
** receptor	DISCCART	406687.502717592	3759087.49861266	419.90	1.50
	=B2894+1 (sensitive receptor: C2853)				
** receptor	DISCCART	406687.502717592	3759037.49878997	416.60	1.50
	=B2895+1 (sensitive receptor: C2854)				
** receptor	DISCCART	406687.502717592	3758987.49896729	416.50	1.50
	=B2896+1 (sensitive receptor: C2855)				
** receptor	DISCCART	406687.502717592	3758937.49914461	415.80	1.50
	=B2897+1 (sensitive receptor: C2856)				
** receptor	DISCCART	406687.502717592	3758887.49932193	406.60	1.50
	=B2898+1 (sensitive receptor: C2857)				
** receptor	DISCCART	406687.502717592	3758837.49949925	400.10	1.50
	=B2899+1 (sensitive receptor: C2858)				
** receptor	DISCCART	406687.502717592	3758737.49985389	383.80	1.50
	=B2900+1 (sensitive receptor: C2859)				
** receptor	DISCCART	406737.497271559	3759137.49843534	438.80	1.50
	=B2901+1 (sensitive receptor: C2860)				
** receptor	DISCCART	406737.497271559	3759037.49878997	438.70	1.50
	=B2902+1 (sensitive receptor: C2861)				
** receptor	DISCCART	406737.497271559	3758987.49896729	429.60	1.50
	=B2903+1 (sensitive receptor: C2862)				
** receptor	DISCCART	406737.497271559	3758937.49914461	417.30	1.50
	=B2904+1 (sensitive receptor: C2863)				
** receptor	DISCCART	406737.497271559	3758637.50020853	383.70	1.50
	=B2905+1 (sensitive receptor: C2864)				
** receptor	DISCCART	406787.50007137	3759037.49878997	455.10	1.50
	=B2906+1 (sensitive receptor: C2865)				
** receptor	DISCCART	406787.50007137	3758987.49896729	432.90	1.50
	=B2907+1 (sensitive receptor: C2866)				
** receptor	DISCCART	406787.50007137	3758937.49914461	416.60	1.50
	=B2908+1 (sensitive receptor: C2867)				
** receptor	DISCCART	406787.50007137	3758687.50003121	393.60	1.50
	=B2909+1 (sensitive receptor: C2868)				
** receptor	DISCCART	406787.50007137	3758637.50020853	380.50	1.50
	=B2910+1 (sensitive receptor: C2869)				
** receptor	DISCCART	406837.502871182	3758737.49985389	406.60	1.50
	=B2911+1 (sensitive receptor: C2870)				

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PM Annual Emissions unmitigated

** DISCCART	406837.502871182	3758687.50003121	400.10	1.50
** receptor	=B2912+1 (sensitive receptor: C2871)			
** DISCCART	406837.502871182	3758637.50020853	387.00	1.50
** receptor	=B2913+1 (sensitive receptor: C2872)			
** DISCCART	406887.497425149	3758787.49967657	415.80	1.50
** receptor	=B2914+1 (sensitive receptor: C2873)			
** DISCCART	406887.497425149	3758737.49985389	406.60	1.50
** receptor	=B2915+1 (sensitive receptor: C2874)			
** DISCCART	406887.497425149	3758687.50003121	396.80	1.50
** receptor	=B2916+1 (sensitive receptor: C2875)			
** DISCCART	406887.497425149	3758637.50020853	383.70	1.50
** receptor	=B2917+1 (sensitive receptor: C2876)			
** DISCCART	406937.50022496	3758737.49985389	403.40	1.50
** receptor	=B2918+1 (sensitive receptor: C2877)			
** DISCCART	406937.50022496	3758687.50003121	393.50	1.50
** receptor	=B2919+1 (sensitive receptor: C2878)			
** DISCCART	406937.50022496	3758637.50020853	380.40	1.50
** receptor	=B2920+1 (sensitive receptor: C2879)			
** DISCCART	406987.503024771	3758737.49985389	403.40	1.50
** receptor	=B2921+1 (sensitive receptor: C2880)			
** DISCCART	406987.503024771	3758687.50003121	393.40	1.50
** receptor	=B2922+1 (sensitive receptor: C2881)			
** DISCCART	406987.503024771	3758637.50020853	377.30	1.50
** receptor	=B2923+1 (sensitive receptor: C2882)			
** DISCCART	407037.497578738	3758687.50003121	387.60	1.50
** receptor	=B2924+1 (sensitive receptor: C2883)			
** DISCCART	407037.497578738	3758637.50020853	380.60	1.50
** receptor	=B2925+1 (sensitive receptor: C2884)			
** DISCCART	407087.500378549	3758637.50020853	400.20	1.50
** receptor	=B2926+1 (sensitive receptor: C2885)			
** DISCCART	407137.50317836	3758637.50020853	409.40	1.50
** receptor	=B2927+1 (sensitive receptor: C2886)			
** DISCCART	407187.497732327	3758637.50020853	422.40	1.50
** receptor	=B2928+1 (sensitive receptor: C2887)			
** DISCCART	407237.500532139	3758637.50020853	438.80	1.50
** receptor	=B2929+1 (sensitive receptor: C2888)			
** DISCCART	407287.50333195	3758637.50020853	458.50	1.50
** receptor	=B2930+1 (sensitive receptor: C2889)			
** DISCCART	407337.497885917	3758637.50020853	474.90	1.50
** receptor	=B2931+1 (sensitive receptor: C2890)			
** DISCCART	407387.500685728	3758637.50020853	490.60	1.50
** receptor	=B2932+1 (sensitive receptor: C2891)			
** DISCCART	407437.495239695	3758637.50020853	505.10	1.50
** receptor	=B2933+1 (sensitive receptor: C2892)			
** DISCCART	407487.498039506	3758637.50020853	490.20	1.50
** receptor	=B2934+1 (sensitive receptor: C2893)			
** DISCCART	407537.500839317	3758637.50020853	0.00	1.50
** receptor	=B2935+1 (sensitive receptor: C2894)			
** DISCCART	407587.495393284	3758637.50020853	0.00	1.50
** receptor	=B2936+1 (sensitive receptor: C2895)			
** DISCCART	407637.498193095	3758637.50020853	0.00	1.50
** receptor	=B2937+1 (sensitive receptor: C2896)			
** DISCCART	407687.500992907	3758637.50020853	0.00	1.50
** receptor	=B2938+1 (sensitive receptor: C2897)			
** DISCCART	407737.495546874	3758637.50020853	0.00	1.50
** receptor	=B2939+1 (sensitive receptor: C2898)			
** DISCCART	407787.498346685	3758637.50020853	0.00	1.50
** receptor	=B2940+1 (sensitive receptor: C2899)			
** DISCCART	407837.501146496	3758637.50020853	0.00	1.50
** receptor	=B2941+1 (sensitive receptor: C2900)			
** DISCCART	407887.503946307	3758637.50020853	0.00	1.50
** receptor	=B2942+1 (sensitive receptor: C2901)			
** DISCCART	407937.498500274	3758637.50020853	0.00	1.50
** receptor	=B2943+1 (sensitive receptor: C2902)			
** DISCCART	407987.501300085	3758637.50020853	0.00	1.50
** receptor	=B2944+1 (sensitive receptor: C2903)			
** DISCCART	408037.495854052	3758637.50020853	0.00	1.50
** receptor	=B2945+1 (sensitive receptor: C2904)			
** DISCCART	408087.498653864	3758637.50020853	0.00	1.50
** receptor	=B2946+1 (sensitive receptor: C2905)			
** DISCCART	405987.496503612	3758637.50020853	314.90	1.50
** receptor	=B2947+1 (sensitive receptor: C2906)			
** DISCCART	405987.496503612	3758587.50038585	310.80	1.50
** receptor	=B2948+1 (sensitive receptor: C2907)			
** DISCCART	406037.499303424	3758637.50020853	318.20	1.50
** receptor	=B2949+1 (sensitive receptor: C2908)			

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** receptor	DISCCART	406037.499303424	3758587.50038585	314.10	1.50
	=B2950+1 (sensitive receptor: C2909)				
** receptor	DISCCART	406087.502103235	3758637.50020853	321.40	1.50
	=B2951+1 (sensitive receptor: C2910)				
** receptor	DISCCART	406087.502103235	3758587.50038585	318.10	1.50
	=B2952+1 (sensitive receptor: C2911)				
** receptor	DISCCART	406137.496657202	3758637.50020853	324.70	1.50
	=B2953+1 (sensitive receptor: C2912)				
** receptor	DISCCART	406137.496657202	3758587.50038585	321.40	1.50
	=B2954+1 (sensitive receptor: C2913)				
** receptor	DISCCART	406187.499457013	3758637.50020853	331.30	1.50
	=B2955+1 (sensitive receptor: C2914)				
** receptor	DISCCART	406187.499457013	3758587.50038585	327.30	1.50
	=B2956+1 (sensitive receptor: C2915)				
** receptor	DISCCART	406237.502256824	3758637.50020853	334.60	1.50
	=B2957+1 (sensitive receptor: C2916)				
** receptor	DISCCART	406237.502256824	3758587.50038585	333.80	1.50
	=B2958+1 (sensitive receptor: C2917)				
** receptor	DISCCART	406287.496810791	3758637.50020853	340.40	1.50
	=B2959+1 (sensitive receptor: C2918)				
** receptor	DISCCART	406287.496810791	3758587.50038585	340.40	1.50
	=B2960+1 (sensitive receptor: C2919)				
** receptor	DISCCART	406337.499610602	3758637.50020853	344.40	1.50
	=B2961+1 (sensitive receptor: C2920)				
** receptor	DISCCART	406337.499610602	3758587.50038585	344.40	1.50
	=B2962+1 (sensitive receptor: C2921)				
** receptor	DISCCART	406387.502410414	3758637.50020853	351.00	1.50
	=B2963+1 (sensitive receptor: C2922)				
** receptor	DISCCART	406387.502410414	3758587.50038585	347.70	1.50
	=B2964+1 (sensitive receptor: C2923)				
** receptor	DISCCART	406437.496964381	3758637.50020853	357.50	1.50
	=B2965+1 (sensitive receptor: C2924)				
** receptor	DISCCART	406437.496964381	3758587.50038585	354.20	1.50
	=B2966+1 (sensitive receptor: C2925)				
** receptor	DISCCART	406487.499764192	3758637.50020853	363.30	1.50
	=B2967+1 (sensitive receptor: C2926)				
** receptor	DISCCART	406487.499764192	3758587.50038585	357.50	1.50
	=B2968+1 (sensitive receptor: C2927)				
** receptor	DISCCART	406537.502564003	3758637.50020853	367.40	1.50
	=B2969+1 (sensitive receptor: C2928)				
** receptor	DISCCART	406537.502564003	3758587.50038585	363.30	1.50
	=B2970+1 (sensitive receptor: C2929)				
** receptor	DISCCART	406587.49711797	3758587.50038585	364.10	1.50
	=B2971+1 (sensitive receptor: C2930)				
** receptor	DISCCART	406737.497271559	3758587.50038585	373.80	1.50
	=B2972+1 (sensitive receptor: C2931)				
** receptor	DISCCART	406787.50007137	3758587.50038585	379.70	1.50
	=B2973+1 (sensitive receptor: C2932)				
** receptor	DISCCART	406837.502871182	3758587.50038585	371.10	1.50
	=B2974+1 (sensitive receptor: C2933)				
** receptor	DISCCART	406887.497425149	3758587.50038585	354.40	1.50
	=B2975+1 (sensitive receptor: C2934)				
** receptor	DISCCART	406937.50022496	3758587.50038585	380.60	1.50
	=B2976+1 (sensitive receptor: C2935)				
** receptor	DISCCART	406987.503024771	3758587.50038585	387.10	1.50
	=B2977+1 (sensitive receptor: C2936)				
** receptor	DISCCART	407037.497578738	3758587.50038585	399.50	1.50
	=B2978+1 (sensitive receptor: C2937)				
** receptor	DISCCART	407087.500378549	3758587.50038585	403.50	1.50
	=B2979+1 (sensitive receptor: C2938)				
** receptor	DISCCART	407137.50317836	3758587.50038585	413.30	1.50
	=B2980+1 (sensitive receptor: C2939)				
** receptor	DISCCART	407187.497732327	3758587.50038585	435.20	1.50
	=B2981+1 (sensitive receptor: C2940)				
** receptor	DISCCART	407237.500532139	3758587.50038585	451.90	1.50
	=B2982+1 (sensitive receptor: C2941)				
** receptor	DISCCART	407287.50333195	3758587.50038585	456.00	1.50
	=B2983+1 (sensitive receptor: C2942)				
** receptor	DISCCART	407337.497885917	3758587.50038585	471.70	1.50
	=B2984+1 (sensitive receptor: C2943)				
** receptor	DISCCART	407387.500685728	3758587.50038585	493.10	1.50
	=B2985+1 (sensitive receptor: C2944)				
** receptor	DISCCART	407437.495239695	3758587.50038585	507.70	1.50
	=B2986+1 (sensitive receptor: C2945)				
** receptor	DISCCART	407487.498039506	3758587.50038585	496.70	1.50
	=B2987+1 (sensitive receptor: C2946)				

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** DISCCART	407537.500839317	3758587.50038585	0.00	1.50
** receptor	=B2988+1 (sensitive receptor: C2947)			
** DISCCART	407587.495393284	3758587.50038585	0.00	1.50
** receptor	=B2989+1 (sensitive receptor: C2948)			
** DISCCART	407637.498193095	3758587.50038585	0.00	1.50
** receptor	=B2990+1 (sensitive receptor: C2949)			
** DISCCART	407687.500992907	3758587.50038585	0.00	1.50
** receptor	=B2991+1 (sensitive receptor: C2950)			
** DISCCART	407737.495546874	3758587.50038585	0.00	1.50
** receptor	=B2992+1 (sensitive receptor: C2951)			
** DISCCART	407787.498346685	3758587.50038585	0.00	1.50
** receptor	=B2993+1 (sensitive receptor: C2952)			
** DISCCART	407837.501146496	3758587.50038585	0.00	1.50
** receptor	=B2994+1 (sensitive receptor: C2953)			
** DISCCART	407887.503946307	3758587.50038585	0.00	1.50
** receptor	=B2995+1 (sensitive receptor: C2954)			
** DISCCART	407937.498500274	3758587.50038585	0.00	1.50
** receptor	=B2996+1 (sensitive receptor: C2955)			
** DISCCART	407987.501300085	3758587.50038585	0.00	1.50
** receptor	=B2997+1 (sensitive receptor: C2956)			
** DISCCART	408037.495854052	3758587.50038585	0.00	1.50
** receptor	=B2998+1 (sensitive receptor: C2957)			
** DISCCART	408087.498653864	3758587.50038585	0.00	1.50
** CENSUS BLOCK RECEPTORS				
** receptor	CE001 (census block: BLK408506021)			
** DISCCART	408749.806007506	3760427.54857406	0.00	0.00
** receptor	CE002 (census block: BLK408506022)			
** DISCCART	408576.447507959	3760430.48997928	0.00	0.00
** receptor	CE003 (census block: BLK408506023)			
** DISCCART	408341.802356354	3760655.27152249	0.00	0.00
** receptor	CE004 (census block: BLK408506024)			
** DISCCART	408422.133849846	3760726.40898221	0.00	0.00
** receptor	CE005 (census block: BLK408506025)			
** DISCCART	408512.511209633	3760597.35762377	0.00	0.00
** receptor	CE006 (census block: BLK408506026)			
** DISCCART	408737.147770783	3760284.26416171	0.00	0.00
** receptor	CE007 (census block: BLK500204000)			
** DISCCART	407589.230892095	3757492.83437839	0.00	0.00
** receptor	CE008 (census block: BLK500205000)			
** DISCCART	406297.845135922	3757662.03464915	285.40	0.00
** receptor	CE009 (census block: BLK500205002)			
** DISCCART	406584.226588385	3757389.73804016	259.10	0.00
** receptor	CE010 (census block: BLK500206000)			
** DISCCART	407118.838102641	3757983.49210563	374.60	0.00
** receptor	CE011 (census block: BLK500206001)			
** DISCCART	406874.273114441	3758349.69729429	380.50	0.00
** receptor	CE012 (census block: BLK500206002)			
** DISCCART	406620.194570995	3758320.89375412	351.20	0.00
** receptor	CE013 (census block: BLK500206003)			
** DISCCART	406622.538542243	3757771.77868935	308.70	0.00
** receptor	CE014 (census block: BLK500206004)			
** DISCCART	406913.04327271	3757488.0297645	284.30	0.00
** receptor	CE015 (census block: BLK500206005)			
** DISCCART	406700.61374404	3757538.34383004	285.70	0.00
** receptor	CE016 (census block: BLK500206006)			
** DISCCART	407066.218777817	3757290.66451125	282.70	0.00
** receptor	CE017 (census block: BLK500206007)			
** DISCCART	407127.283156841	3757406.39871061	301.70	0.00
** receptor	CE018 (census block: BLK500211003)			
** DISCCART	408971.490403303	3759219.36440925	0.00	0.00
** receptor	CE019 (census block: BLK500211005)			
** DISCCART	408922.461109132	3758958.82823152	0.00	0.00
** receptor	CE020 (census block: BLK500211006)			
** DISCCART	408826.497851097	3758875.99205586	0.00	0.00
** receptor	CE021 (census block: BLK500211007)			
** DISCCART	409072.446211828	3758868.12882921	0.00	0.00
** receptor	CE022 (census block: BLK500211009)			
** DISCCART	408994.970734935	3758728.42800494	0.00	0.00
** receptor	CE023 (census block: BLK500211010)			
** DISCCART	408227.331322753	3758224.39308564	0.00	0.00
** receptor	CE024 (census block: BLK500211011)			
** DISCCART	408139.692864938	3758492.59557442	0.00	0.00
** receptor	CE025 (census block: BLK500211012)			
** DISCCART	408581.968092922	3758154.12672608	0.00	0.00

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** receptor	CE026 (census block: BLK500211014)			
DISCCART	408461.584808023	3758025.84274235	0.00	0.00
** receptor	CE027 (census block: BLK500211016)			
DISCCART	407729.400128099	3758130.66335171	0.00	0.00
** receptor	CE028 (census block: BLK500211017)			
DISCCART	407645.410164862	3757976.23037572	0.00	0.00
** receptor	CE029 (census block: BLK500211018)			
DISCCART	407482.906231318	3757723.57574838	429.40	0.00
** receptor	CE030 (census block: BLK501602000)			
DISCCART	405320.372409447	3759819.90359013	397.10	0.00
** receptor	CE031 (census block: BLK501603000)			
DISCCART	405904.105071521	3759261.60693193	408.60	0.00
** receptor	CE032 (census block: BLK501603001)			
DISCCART	405691.519376126	3759433.35673872	446.10	0.00
** receptor	CE033 (census block: BLK501603002)			
DISCCART	405617.361162259	3759631.22815867	541.60	0.00
** receptor	CE034 (census block: BLK501603003)			
DISCCART	405524.653957262	3759523.85635574	432.00	0.00
** receptor	CE035 (census block: BLK501603004)			
DISCCART	405402.384335292	3759491.65726032	423.30	0.00
** receptor	CE036 (census block: BLK501603005)			
DISCCART	405646.010602342	3759322.97573433	394.10	0.00
** receptor	CE037 (census block: BLK501603006)			
DISCCART	405616.324715491	3759173.51836785	344.40	0.00
** receptor	CE038 (census block: BLK501603007)			
DISCCART	405512.622295278	3759095.02231357	321.40	0.00
** receptor	CE039 (census block: BLK501603008)			
DISCCART	405377.460981122	3759043.06949407	311.60	0.00
** receptor	CE040 (census block: BLK501603009)			
DISCCART	405466.316435546	3758975.76639931	308.30	0.00
** receptor	CE041 (census block: BLK501603010)			
DISCCART	405527.847444175	3758925.23486247	308.30	0.00
** receptor	CE042 (census block: BLK501604000)			
DISCCART	406550.621988931	3758915.09035494	380.50	0.00
** receptor	CE043 (census block: BLK501604001)			
DISCCART	406480.474429338	3759093.03218777	403.40	0.00
** receptor	CE044 (census block: BLK501604002)			
DISCCART	406259.70283558	3759222.54652611	424.70	0.00
** receptor	CE045 (census block: BLK501604003)			
DISCCART	406195.819017176	3759106.84555469	396.80	0.00
** receptor	CE046 (census block: BLK501604004)			
DISCCART	406070.236447137	3759025.17598326	370.80	0.00
** receptor	CE047 (census block: BLK501604005)			
DISCCART	405757.637016656	3758922.94604871	332.60	0.00
** receptor	CE048 (census block: BLK501604006)			
DISCCART	405844.377372919	3758855.24464319	330.80	0.00
** receptor	CE049 (census block: BLK501604007)			
DISCCART	406318.111493656	3758856.0474567	363.50	0.00
** receptor	CE050 (census block: BLK501604008)			
DISCCART	406403.525988595	3759010.45523479	390.70	0.00
** receptor	CE051 (census block: BLK501609006)			
DISCCART	406352	3759038.6	393.70	0.00
** receptor	CE052 (census block: BLK501609007)			
DISCCART	406045.007458668	3760461.19387418	629.80	0.00
** receptor	CE053 (census block: BLK501609021)			
DISCCART	407358.288904366	3758534.46922479	485.40	0.00
** receptor	CE054 (census block: BLK501609022)			
DISCCART	407261.672811583	3758458.84625731	476.20	0.00
** receptor	CE055 (census block: BLK501701000)			
DISCCART	406506.829211421	3758549.17860801	357.50	0.00
** receptor	CE056 (census block: BLK501701001)			
DISCCART	406457.905253804	3758377.91144033	344.40	0.00
** receptor	CE057 (census block: BLK501701002)			
DISCCART	406301.702564465	3758551.205023	341.10	0.00
** receptor	CE058 (census block: BLK501701003)			
DISCCART	406205.033192867	3758613.50092079	331.30	0.00
** receptor	CE059 (census block: BLK501701004)			
DISCCART	406115.409823153	3758675.30499346	328.00	0.00
** receptor	CE060 (census block: BLK501701005)			
DISCCART	406028.60716936	3758737.08197694	328.00	0.00
** receptor	CE061 (census block: BLK501701006)			
DISCCART	405938.281214678	3758798.89477874	330.90	0.00
** receptor	CE062 (census block: BLK501701007)			
DISCCART	405736.732356176	3758451.4745756	278.80	0.00
** receptor	CE063 (census block: BLK501701008)			
DISCCART	405814.426647488	3758395.28490412	281.70	0.00

Appendix B

PM Annual Emissions unmitigated

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** receptor CE064 (census block: BLK501702000)
DISCCART 406257.679183628 3758091.80695965 317.50 0.00
** receptor CE065 (census block: BLK501702001)
DISCCART 406166.640545947 3758153.62433368 311.60 0.00
** receptor CE066 (census block: BLK501702002)
DISCCART 405932.301123578 3758196.55870925 288.60 0.00
** receptor CE067 (census block: BLK501702003)
DISCCART 406072.199550461 3758298.81329292 305.00 0.00
** receptor CE068 (census block: BLK501702004)
DISCCART 405823.105818611 3758062.69666328 275.50 0.00
** receptor CE069 (census block: BLK501702005)
DISCCART 405911.268844127 3757995.40511402 282.10 0.00
** receptor CE070 (census block: BLK501702006)
DISCCART 405982.128243211 3757889.36732389 285.40 0.00
** receptor CE071 (census block: BLK501702009)
DISCCART 405799.168562158 3757924.1806304 268.90 0.00
** receptor CE072 (census block: BLK501703000)
DISCCART 405647.799750434 3758653.29948119 291.60 0.00
** receptor CE073 (census block: BLK501703001)
DISCCART 405489.147947858 3758508.51203456 269.00 0.00
** receptor CE074 (census block: BLK501703002)
DISCCART 405436.440211818 3758454.46693022 262.40 0.00
** receptor CE075 (census block: BLK501703003)
DISCCART 405455.721934976 3758337.9409465 257.80 0.00
** receptor CE076 (census block: BLK501703008)
DISCCART 405549.158243318 3758092.92026298 252.60 0.00
** receptor CE077 (census block: BLK501703009)
DISCCART 405661.882628257 3758014.3827463 259.10 0.00
** receptor CE078 (census block: BLK501704000)
DISCCART 405479.717684811 3758764.54001026 290.90 0.00
** receptor CE079 (census block: BLK501704001)
DISCCART 405359.158071486 3758904.49796325 297.30 0.00
** receptor CE080 (census block: BLK501704002)
DISCCART 405170.69339449 3759021.02430729 308.30 0.00
** receptor CE081 (census block: BLK501704003)
DISCCART 405201.970281093 3758906.06962733 295.20 0.00
** receptor CE082 (census block: BLK501704004)
DISCCART 405349.866985966 3758821.25356942 288.60 0.00
** receptor CE083 (census block: BLK501704005)
DISCCART 405215.443840128 3758773.10283891 282.10 0.00
** receptor CE084 (census block: BLK501704008)
DISCCART 405359.746481381 3758681.13144629 275.50 0.00
** receptor CE085 (census block: BLK501704009)
DISCCART 405435.368442973 3758629.6125628 275.50 0.00
** receptor CE086 (census block: BLK501804000)
DISCCART 405236.452045736 3759463.70375868 368.70 0.00
** receptor CE087 (census block: BLK501804001)
DISCCART 405212.37968725 3759382.72247012 352.60 0.00
** receptor CE088 (census block: BLK501804009)
DISCCART 405186.175462272 3759300.07045068 343.50 0.00
** receptor CE089 (census block: BLK501804011)
DISCCART 405257.372829785 3759088.68814387 314.90 0.00
** receptor CE090 (census block: BLK501609001)
DISCCART 408456.668426364 3760361.84764575 0.00 0.00
** receptor CE091 (census block: BLK501609002)
DISCCART 408269.975683699 3760516.36774435 0.00 0.00
** receptor CE092 (census block: BLK501609003)
DISCCART 407367.835528453 3760879.65008316 1026.70 0.00
** receptor CE093 (census block: BLK501609004)
DISCCART 408322.620179824 3760275.57773676 0.00 0.00
** receptor CE094 (census block: BLK501609005)
DISCCART 408794.360235931 3759930.90793989 0.00 0.00
** receptor CE095 (census block: BLK501609008)
DISCCART 406130.797262568 3760014.46792851 584.40 0.00

```

RE FINISHED

ME STARTING

```

INPUTFIL c:\ISC\whittier.asc
ANEMHGHT 10 METERS
SURFDATA 53114 81 LosAngeles
UAIRDATA 91919 81 LosAngeles
STARTEND 81 1 1 81 12 31

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Appendix B

PM Annual Emissions unmitigated

ME FINISHED

OU STARTING

PLOTFILE annual 1 c:\ISC\WHI_PMA.PLT

OU FINISHED

*** Message Summary For ISC3 Model Setup ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 0 Informational Message(s)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****

ME W360 7444 SET_WI:2-Digit Year Specified: Valid for Range 1950-2049 SURFDATA
RE W282 7437 CHK_EL:RecElev < SrcBase; See non-DEFAULT HE>ZI option in MCB#9

*** SETUP Finishes Successfully ***

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS ANNUAL PM emissions *** 11:18:22
**MODELOPTs: PAGE 1
CONC URBAN ELEV FLGPOL NOCALM

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**NO GAS DRY DEPOSITION Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses User-Specified Options:
1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Not Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.

**Model Accepts Receptors on ELEV Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

**This Run Includes: 4 Source(s); 1 Source Group(s); and 3690 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

Appendix B

PM Annual Emissions unmitigated

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.4 MB of RAM.

**Input Runstream File: WHI_PMA.inp
 **Output Print File: WHI_PMA.out
 **Detailed Error/Message File: c:\ISC\zERROR.ERR

• *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions *** 11:18:22

**MODELOPTs: CONC URBAN ELEV FLGPOL NOCALM PAGE 2

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
1	0	0.50000E-02	407065.0	3759568.0	150.9	12.20	1050.00	3.70	1.80	NO	
2	0	0.80000E-02	407085.0	3759498.0	150.9	6.10	565.00	2.80	0.25	NO	
3	0	0.20000E-02	407085.0	3759498.0	150.9	6.10	565.00	2.80	0.50	NO	
4	0	0.22000E-01	407130.0	3759340.0	147.8	4.00	783.00	3.60	0.20	NO	

• *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions *** 11:18:22

**MODELOPTs: CONC URBAN ELEV FLGPOL NOCALM PAGE 3

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

1 1 , 2 , 3 , 4
 • *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions *** 11:18:22

**MODELOPTs: CONC URBAN ELEV FLGPOL NOCALM PAGE 4

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(409779.5, 3759787.5, 0.0, 1.5);	(409779.3, 3759762.5, 0.0, 1.5);
(409779.2, 3759737.5, 0.0, 1.5);	(409779.0, 3759712.5, 0.0, 1.5);
(409778.9, 3759687.5, 0.0, 1.5);	(409778.7, 3759662.5, 0.0, 1.5);
(409778.5, 3759637.5, 0.0, 1.5);	(409778.4, 3759612.5, 0.0, 1.5);
(409778.2, 3759587.5, 0.0, 1.5);	(409778.1, 3759562.5, 0.0, 1.5);
(409777.9, 3759537.5, 0.0, 1.5);	(409777.7, 3759512.5, 0.0, 1.5);
(409777.6, 3759487.5, 0.0, 1.5);	(409777.4, 3759462.5, 0.0, 1.5);
(409777.3, 3759437.5, 0.0, 1.5);	(409777.1, 3759412.5, 0.0, 1.5);
(409776.9, 3759387.5, 0.0, 1.5);	(409776.8, 3759362.5, 0.0, 1.5);
(409776.6, 3759337.5, 0.0, 1.5);	(409776.4, 3759312.5, 0.0, 1.5);
(409776.3, 3759287.5, 0.0, 1.5);	(409776.1, 3759262.5, 0.0, 1.5);
(409775.9, 3759237.5, 0.0, 1.5);	(409775.7, 3759212.5, 0.0, 1.5);
(409775.4, 3759187.5, 0.0, 1.5);	(409775.1, 3759162.5, 0.0, 1.5);
(409774.8, 3759137.5, 0.0, 1.5);	(409774.6, 3759112.5, 0.0, 1.5);
(409774.3, 3759087.5, 0.0, 1.5);	(409774.0, 3759062.5, 0.0, 1.5);
(409773.8, 3759037.5, 0.0, 1.5);	(409765.3, 3759020.3, 0.0, 1.5);
(409740.3, 3759020.5, 0.0, 1.5);	(409715.3, 3759021.0, 0.0, 1.5);
(409690.3, 3759021.3, 0.0, 1.5);	(409665.3, 3759021.5, 0.0, 1.5);
(409640.3, 3759021.8, 0.0, 1.5);	(409615.3, 3759022.3, 0.0, 1.5);
(409590.3, 3759022.5, 0.0, 1.5);	(409565.3, 3759022.8, 0.0, 1.5);
(409540.3, 3759023.3, 0.0, 1.5);	(409515.3, 3759024.3, 0.0, 1.5);
(409490.3, 3759025.3, 0.0, 1.5);	(409465.3, 3759026.5, 0.0, 1.5);
(409440.3, 3759027.0, 0.0, 1.5);	(409415.3, 3759027.8, 0.0, 1.5);

Appendix B

PM Annual Emissions unmitigated

(409390.3, 3759027.8, 0.0, 1.5);	(409365.3, 3759028.5, 0.0, 1.5);
(409340.3, 3759029.0, 0.0, 1.5);	(409315.4, 3759029.5, 0.0, 1.5);
(409290.4, 3759030.0, 0.0, 1.5);	(409265.4, 3759030.5, 0.0, 1.5);
(409240.4, 3759031.0, 0.0, 1.5);	(409215.4, 3759031.5, 0.0, 1.5);
(409190.4, 3759032.0, 0.0, 1.5);	(409165.4, 3759032.5, 0.0, 1.5);
(409140.4, 3759033.0, 0.0, 1.5);	(409115.4, 3759033.5, 0.0, 1.5);
(409090.4, 3759034.0, 0.0, 1.5);	(409065.4, 3759034.5, 0.0, 1.5);
(409040.4, 3759035.0, 0.0, 1.5);	(409015.4, 3759035.5, 0.0, 1.5);
(408990.4, 3759036.3, 0.0, 1.5);	(408965.4, 3759036.8, 0.0, 1.5);
(408940.4, 3759037.3, 0.0, 1.5);	(408915.4, 3759037.8, 0.0, 1.5);
(408890.5, 3759038.3, 0.0, 1.5);	(408865.5, 3759038.8, 0.0, 1.5);
(408840.5, 3759039.3, 0.0, 1.5);	(408815.5, 3759039.8, 0.0, 1.5);
(408790.5, 3759040.3, 0.0, 1.5);	(408765.5, 3759040.8, 0.0, 1.5);
(408740.5, 3759041.3, 0.0, 1.5);	(408715.5, 3759041.8, 0.0, 1.5);
(408690.5, 3759042.3, 0.0, 1.5);	(408665.5, 3759042.8, 0.0, 1.5);
(408640.5, 3759043.3, 0.0, 1.5);	(408615.5, 3759043.8, 0.0, 1.5);
(408590.5, 3759044.5, 0.0, 1.5);	(408581.9, 3759028.8, 0.0, 1.5);
(408581.6, 3759004.0, 0.0, 1.5);	(408581.3, 3758979.0, 0.0, 1.5);
(408581.0, 3758954.0, 0.0, 1.5);	(408580.7, 3758929.0, 0.0, 1.5);
(408580.3, 3758904.0, 0.0, 1.5);	(408580.0, 3758879.0, 0.0, 1.5);
(408579.7, 3758854.0, 0.0, 1.5);	(408579.4, 3758829.0, 0.0, 1.5);
(408579.1, 3758804.0, 0.0, 1.5);	(408578.8, 3758779.0, 0.0, 1.5);

* *** ISCS3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL PM emissions

07/29/11
11:18:22
PAGE 5

**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(408578.4, 3758754.0, 0.0, 1.5);	(408578.1, 3758729.0, 0.0, 1.5);
(408567.8, 3758707.5, 0.0, 1.5);	(408550.7, 3758689.5, 0.0, 1.5);
(408533.6, 3758671.3, 0.0, 1.5);	(408513.8, 3758658.5, 0.0, 1.5);
(408488.8, 3758658.8, 0.0, 1.5);	(408463.8, 3758659.3, 0.0, 1.5);
(408438.8, 3758659.8, 0.0, 1.5);	(408413.8, 3758660.3, 0.0, 1.5);
(408388.8, 3758660.5, 0.0, 1.5);	(408363.8, 3758661.0, 0.0, 1.5);
(408338.8, 3758661.5, 0.0, 1.5);	(408313.8, 3758662.0, 0.0, 1.5);
(408288.8, 3758662.5, 0.0, 1.5);	(408263.8, 3758662.8, 0.0, 1.5);
(408238.8, 3758663.3, 0.0, 1.5);	(408213.8, 3758663.8, 0.0, 1.5);
(408188.8, 3758664.3, 0.0, 1.5);	(408163.8, 3758664.5, 0.0, 1.5);
(408138.8, 3758665.0, 0.0, 1.5);	(408113.8, 3758665.5, 0.0, 1.5);
(408088.8, 3758666.0, 0.0, 1.5);	(408063.8, 3758666.3, 0.0, 1.5);
(408038.8, 3758666.8, 0.0, 1.5);	(408013.8, 3758667.3, 0.0, 1.5);
(407988.8, 3758667.8, 0.0, 1.5);	(407963.8, 3758668.3, 0.0, 1.5);
(407938.8, 3758668.5, 0.0, 1.5);	(407913.9, 3758669.0, 0.0, 1.5);
(407888.9, 3758669.5, 0.0, 1.5);	(407863.9, 3758670.0, 0.0, 1.5);
(407838.9, 3758670.3, 0.0, 1.5);	(407813.9, 3758670.8, 0.0, 1.5);
(407788.9, 3758671.3, 0.0, 1.5);	(407763.9, 3758671.8, 0.0, 1.5);
(407738.9, 3758672.3, 0.0, 1.5);	(407713.9, 3758672.5, 0.0, 1.5);
(407688.9, 3758673.0, 0.0, 1.5);	(407663.9, 3758673.5, 0.0, 1.5);
(407638.9, 3758674.0, 0.0, 1.5);	(407613.9, 3758674.3, 0.0, 1.5);
(407588.9, 3758674.8, 0.0, 1.5);	(407563.9, 3758675.3, 0.0, 1.5);
(407538.9, 3758675.8, 0.0, 1.5);	(407513.9, 3758676.3, 148.4, 1.5);
(407488.9, 3758676.8, 153.9, 1.5);	(407464.0, 3758678.0, 155.0, 1.5);
(407439.0, 3758679.3, 154.8, 1.5);	(407414.0, 3758680.8, 152.1, 1.5);
(407389.1, 3758682.0, 149.9, 1.5);	(407364.1, 3758683.3, 147.4, 1.5);
(407339.1, 3758684.8, 144.2, 1.5);	(407314.2, 3758686.0, 141.5, 1.5);
(407289.2, 3758687.3, 139.9, 1.5);	(407264.2, 3758688.8, 137.3, 1.5);
(407239.3, 3758690.0, 135.7, 1.5);	(407214.3, 3758691.3, 133.9, 1.5);
(407189.3, 3758692.8, 128.4, 1.5);	(407164.4, 3758694.0, 122.0, 1.5);
(407139.4, 3758695.3, 116.4, 1.5);	(407114.4, 3758696.5, 115.0, 1.5);
(407089.5, 3758698.0, 117.0, 1.5);	(407065.7, 3758703.5, 120.1, 1.5);
(407045.1, 3758717.8, 122.0, 1.5);	(407024.6, 3758731.8, 123.0, 1.5);
(407004.0, 3758746.0, 123.8, 1.5);	(406983.5, 3758760.3, 125.2, 1.5);
(406962.9, 3758774.5, 126.6, 1.5);	(406942.4, 3758788.8, 127.1, 1.5);
(406921.8, 3758803.0, 127.6, 1.5);	(406901.3, 3758817.3, 127.1, 1.5);
(406883.9, 3758804.5, 124.4, 1.5);	(406866.5, 3758786.5, 124.2, 1.5);
(406849.1, 3758768.5, 124.7, 1.5);	(406828.8, 3758753.8, 123.2, 1.5);
(406808.6, 3758739.0, 122.3, 1.5);	(406788.4, 3758724.5, 120.0, 1.5);
(406768.1, 3758709.8, 118.3, 1.5);	(406747.9, 3758695.0, 116.8, 1.5);
(406730.0, 3758678.5, 116.0, 1.5);	(406718.0, 3758656.8, 115.8, 1.5);
(406705.9, 3758634.8, 115.0, 1.5);	(406693.9, 3758612.8, 112.8, 1.5);
(406681.8, 3758591.0, 111.2, 1.5);	(406667.5, 3758575.5, 110.0, 1.5);
(406646.6, 3758589.3, 110.0, 1.5);	(406625.6, 3758603.0, 111.0, 1.5);

Appendix B

PM Annual Emissions unmitigated

(406625.5, 3758621.5, 111.4, 1.5); (406639.1, 3758642.5, 111.5, 1.5);
 • *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions *** 11:18:22

**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406652.7, 3758663.5, 112.8, 1.5);	(406666.3, 3758684.5, 113.8, 1.5);
(406679.8, 3758705.5, 115.7, 1.5);	(406693.4, 3758726.5, 116.5, 1.5);
(406707.0, 3758747.5, 117.0, 1.5);	(406720.8, 3758768.0, 117.0, 1.5);
(406700.3, 3758782.0, 118.9, 1.5);	(406681.7, 3758797.3, 119.9, 1.5);
(406695.6, 3758818.0, 120.0, 1.5);	(406709.5, 3758839.0, 121.1, 1.5);
(406723.4, 3758859.8, 121.7, 1.5);	(406737.3, 3758880.5, 122.2, 1.5);
(406756.8, 3758895.5, 122.7, 1.5);	(406778.3, 3758908.5, 124.1, 1.5);
(406799.7, 3758921.3, 126.3, 1.5);	(406821.2, 3758934.3, 126.9, 1.5);
(406831.0, 3758956.3, 127.7, 1.5);	(406839.8, 3758979.8, 128.2, 1.5);
(406848.5, 3759003.3, 131.2, 1.5);	(406844.1, 3759021.8, 134.1, 1.5);
(406823.4, 3759035.8, 139.6, 1.5);	(406802.6, 3759049.8, 140.4, 1.5);
(406781.9, 3759063.8, 140.6, 1.5);	(406761.2, 3759077.8, 141.0, 1.5);
(406740.4, 3759091.5, 135.8, 1.5);	(406747.5, 3759112.5, 136.4, 1.5);
(406760.2, 3759134.0, 137.4, 1.5);	(406747.8, 3759150.0, 134.5, 1.5);
(406732.2, 3759166.5, 133.0, 1.5);	(406714.7, 3759177.0, 134.0, 1.5);
(406693.6, 3759190.5, 135.7, 1.5);	(406672.5, 3759204.0, 136.6, 1.5);
(406651.4, 3759217.3, 137.9, 1.5);	(406630.3, 3759230.8, 138.3, 1.5);
(406609.3, 3759244.3, 138.6, 1.5);	(406588.2, 3759257.8, 138.8, 1.5);
(406567.1, 3759271.0, 138.2, 1.5);	(406546.0, 3759284.5, 138.7, 1.5);
(406524.9, 3759298.0, 139.0, 1.5);	(406503.8, 3759311.5, 138.6, 1.5);
(406482.8, 3759324.8, 138.8, 1.5);	(406461.7, 3759338.3, 139.2, 1.5);
(406440.6, 3759351.8, 139.4, 1.5);	(406419.5, 3759365.3, 140.0, 1.5);
(406398.4, 3759378.5, 142.1, 1.5);	(406377.0, 3759392.3, 145.2, 1.5);
(406375.7, 3759417.3, 145.8, 1.5);	(406374.3, 3759442.3, 147.8, 1.5);
(406372.9, 3759467.3, 148.7, 1.5);	(406351.5, 3759469.5, 153.7, 1.5);
(406326.5, 3759468.8, 156.4, 1.5);	(406301.6, 3759468.0, 157.9, 1.5);
(406276.6, 3759467.3, 156.6, 1.5);	(406251.6, 3759466.5, 155.1, 1.5);
(406226.6, 3759465.8, 154.5, 1.5);	(406201.6, 3759465.0, 152.2, 1.5);
(406176.6, 3759464.3, 144.0, 1.5);	(406171.3, 3759484.5, 138.1, 1.5);
(406171.6, 3759509.5, 134.5, 1.5);	(406171.9, 3759534.5, 135.8, 1.5);
(406172.2, 3759559.5, 139.3, 1.5);	(406172.5, 3759584.5, 144.2, 1.5);
(406172.8, 3759609.5, 148.9, 1.5);	(406173.0, 3759634.5, 153.2, 1.5);
(406173.3, 3759659.5, 155.1, 1.5);	(406173.6, 3759684.5, 161.7, 1.5);
(406173.8, 3759709.5, 161.8, 1.5);	(406174.1, 3759734.5, 159.6, 1.5);
(406174.4, 3759759.5, 165.0, 1.5);	(406174.7, 3759784.5, 164.0, 1.5);
(406175.0, 3759809.5, 160.6, 1.5);	(406175.2, 3759834.5, 161.2, 1.5);
(406175.5, 3759859.5, 158.1, 1.5);	(406152.3, 3759859.5, 152.3, 1.5);
(406127.3, 3759859.0, 150.0, 1.5);	(406102.3, 3759858.3, 151.7, 1.5);
(406077.4, 3759857.5, 167.1, 1.5);	(406052.4, 3759856.8, 183.9, 1.5);
(406041.3, 3759871.0, 182.3, 1.5);	(406041.6, 3759896.0, 181.5, 1.5);
(406041.8, 3759921.0, 180.7, 1.5);	(406042.1, 3759946.0, 198.9, 1.5);
(406042.4, 3759971.0, 210.3, 1.5);	(406067.3, 3759972.5, 206.4, 1.5);
(406092.3, 3759973.5, 197.1, 1.5);	(406117.3, 3759974.3, 181.6, 1.5);
(406142.3, 3759975.0, 167.6, 1.5);	(406167.3, 3759975.8, 152.9, 1.5);
(406187.2, 3759980.8, 154.5, 1.5);	(406187.4, 3760005.8, 155.0, 1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions *** 11:18:22

**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406187.7, 3760030.8, 156.3, 1.5);	(406188.0, 3760055.8, 159.2, 1.5);
(406188.3, 3760080.8, 168.7, 1.5);	(406188.5, 3760105.8, 184.7, 1.5);
(406188.8, 3760130.8, 184.8, 1.5);	(406189.1, 3760155.8, 177.6, 1.5);
(406189.3, 3760180.8, 189.5, 1.5);	(406189.6, 3760205.8, 203.7, 1.5);
(406189.9, 3760230.8, 214.5, 1.5);	(406190.1, 3760255.5, 217.2, 1.5);
(406198.2, 3760273.8, 216.3, 1.5);	(406223.2, 3760274.5, 222.0, 1.5);
(406248.2, 3760275.3, 221.6, 1.5);	(406270.6, 3760282.0, 219.7, 1.5);
(406289.8, 3760298.3, 219.2, 1.5);	(406308.9, 3760314.3, 229.1, 1.5);
(406328.1, 3760330.3, 234.6, 1.5);	(406347.3, 3760346.3, 239.6, 1.5);
(406366.4, 3760362.3, 239.2, 1.5);	(406385.6, 3760378.5, 231.6, 1.5);

Appendix B

PM Annual Emissions unmitigated

(406404.8, 3760394.5, 232.6, 1.5);	(406423.9, 3760410.5, 231.4, 1.5);
(406438.6, 3760430.5, 241.2, 1.5);	(406453.1, 3760451.0, 251.2, 1.5);
(406464.5, 3760468.5, 257.6, 1.5);	(406439.7, 3760465.8, 258.3, 1.5);
(406414.8, 3760462.8, 259.4, 1.5);	(406390.3, 3760458.3, 259.9, 1.5);
(406366.0, 3760452.8, 258.2, 1.5);	(406354.5, 3760461.8, 257.9, 1.5);
(406362.3, 3760484.3, 243.0, 1.5);	(406383.8, 3760497.0, 241.5, 1.5);
(406405.2, 3760509.8, 241.7, 1.5);	(406422.6, 3760527.5, 238.0, 1.5);
(406440.1, 3760545.5, 239.7, 1.5);	(406459.6, 3760554.3, 253.9, 1.5);
(406482.2, 3760543.5, 262.8, 1.5);	(406504.8, 3760532.8, 271.7, 1.5);
(406527.3, 3760522.0, 276.6, 1.5);	(406549.9, 3760511.3, 280.4, 1.5);
(406572.5, 3760500.5, 285.3, 1.5);	(406596.6, 3760494.8, 289.0, 1.5);
(406621.1, 3760489.8, 289.3, 1.5);	(406645.0, 3760486.8, 298.0, 1.5);
(406667.1, 3760498.5, 299.9, 1.5);	(406684.1, 3760513.0, 295.6, 1.5);
(406685.7, 3760538.0, 290.1, 1.5);	(406687.4, 3760563.0, 286.9, 1.5);
(406689.1, 3760587.8, 282.9, 1.5);	(406690.7, 3760612.8, 276.2, 1.5);
(406692.4, 3760637.8, 274.7, 1.5);	(406694.1, 3760662.8, 278.7, 1.5);
(406695.7, 3760687.8, 282.5, 1.5);	(406694.0, 3760710.8, 283.4, 1.5);
(406675.7, 3760727.8, 282.9, 1.5);	(406657.3, 3760744.8, 283.2, 1.5);
(406638.9, 3760761.8, 279.8, 1.5);	(406620.6, 3760778.8, 277.1, 1.5);
(406600.1, 3760790.5, 277.5, 1.5);	(406575.3, 3760793.8, 278.5, 1.5);
(406550.5, 3760796.8, 277.8, 1.5);	(406525.7, 3760800.0, 277.4, 1.5);
(406500.9, 3760803.3, 276.6, 1.5);	(406478.0, 3760812.0, 274.0, 1.5);
(406457.2, 3760826.0, 272.4, 1.5);	(406436.4, 3760839.8, 271.5, 1.5);
(406415.5, 3760853.5, 268.9, 1.5);	(406392.3, 3760856.3, 265.3, 1.5);
(406367.4, 3760853.8, 265.3, 1.5);	(406342.5, 3760851.3, 264.1, 1.5);
(406317.7, 3760848.8, 263.7, 1.5);	(406292.8, 3760846.0, 263.4, 1.5);
(406267.9, 3760843.5, 265.9, 1.5);	(406244.1, 3760836.5, 269.2, 1.5);
(406220.3, 3760828.8, 269.6, 1.5);	(406196.6, 3760821.0, 268.7, 1.5);
(406172.8, 3760813.3, 265.3, 1.5);	(406149.1, 3760805.3, 264.3, 1.5);
(406125.3, 3760797.5, 263.1, 1.5);	(406105.6, 3760782.5, 263.0, 1.5);
(406085.9, 3760767.3, 256.3, 1.5);	(406083.4, 3760744.0, 256.3, 1.5);
(406083.9, 3760719.0, 255.4, 1.5);	(406084.4, 3760694.0, 251.2, 1.5);
(406073.8, 3760679.5, 248.3, 1.5);	(406048.8, 3760680.3, 246.6, 1.5);
(406023.8, 3760681.0, 232.8, 1.5);	(405998.8, 3760681.8, 214.4, 1.5);
(405973.8, 3760682.5, 199.1, 1.5);	(405948.8, 3760683.3, 197.3, 1.5);

*** ISCSST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions *** 11:18:22
 **MODELOPTs: ** PAGE 8
 CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(405923.9, 3760684.0, 196.6, 1.5);	(405898.9, 3760684.8, 184.5, 1.5);
(405873.9, 3760685.5, 171.3, 1.5);	(405848.9, 3760686.3, 163.7, 1.5);
(405823.9, 3760687.0, 160.4, 1.5);	(405798.9, 3760687.8, 159.0, 1.5);
(405774.5, 3760683.8, 159.9, 1.5);	(405749.6, 3760682.3, 165.4, 1.5);
(405724.6, 3760682.5, 167.4, 1.5);	(405699.6, 3760682.8, 163.0, 1.5);
(405674.6, 3760683.0, 166.0, 1.5);	(405649.6, 3760683.3, 169.5, 1.5);
(405632.1, 3760691.5, 173.8, 1.5);	(405632.8, 3760716.5, 179.1, 1.5);
(405633.5, 3760741.5, 182.7, 1.5);	(405634.2, 3760766.5, 183.9, 1.5);
(405634.9, 3760791.5, 183.9, 1.5);	(405635.6, 3760816.5, 184.3, 1.5);
(405636.3, 3760841.5, 187.3, 1.5);	(405637.1, 3760866.5, 192.6, 1.5);
(405637.8, 3760891.5, 199.6, 1.5);	(405638.5, 3760916.5, 200.7, 1.5);
(405639.2, 3760941.5, 199.9, 1.5);	(405639.9, 3760966.5, 200.9, 1.5);
(405644.1, 3760990.8, 204.4, 1.5);	(405653.3, 3761014.0, 207.7, 1.5);
(405653.8, 3761039.0, 212.0, 1.5);	(405654.2, 3761064.0, 215.5, 1.5);
(405654.5, 3761089.0, 219.1, 1.5);	(405672.8, 3761096.3, 219.9, 1.5);
(405697.8, 3761095.5, 220.6, 1.5);	(405722.8, 3761095.0, 219.9, 1.5);
(405747.8, 3761094.5, 219.5, 1.5);	(405772.8, 3761093.8, 220.2, 1.5);
(405797.8, 3761093.3, 221.3, 1.5);	(405822.8, 3761092.5, 216.9, 1.5);
(405847.8, 3761092.0, 201.0, 1.5);	(405872.8, 3761091.5, 206.4, 1.5);
(405897.7, 3761090.8, 213.4, 1.5);	(405922.7, 3761090.3, 217.4, 1.5);
(405947.7, 3761089.5, 220.6, 1.5);	(405972.7, 3761089.0, 218.1, 1.5);
(405997.7, 3761088.5, 212.4, 1.5);	(406022.7, 3761087.8, 208.1, 1.5);
(406047.7, 3761087.3, 226.8, 1.5);	(406072.7, 3761086.5, 247.3, 1.5);
(406097.7, 3761086.0, 247.3, 1.5);	(406122.7, 3761085.5, 233.6, 1.5);
(406147.7, 3761084.8, 218.9, 1.5);	(406172.7, 3761084.3, 224.4, 1.5);
(406197.7, 3761083.5, 227.7, 1.5);	(406222.7, 3761083.0, 224.3, 1.5);
(406247.6, 3761082.5, 211.2, 1.5);	(406272.6, 3761081.8, 211.8, 1.5);
(406297.6, 3761081.3, 218.6, 1.5);	(406322.6, 3761080.5, 228.8, 1.5);
(406347.6, 3761080.0, 214.1, 1.5);	(406372.6, 3761079.5, 215.2, 1.5);
(406397.6, 3761078.8, 218.8, 1.5);	(406422.6, 3761078.3, 226.5, 1.5);
(406447.6, 3761077.5, 226.8, 1.5);	(406472.6, 3761077.0, 210.1, 1.5);

Appendix B

PM Annual Emissions unmitigated

(406497.6, 3761076.5, 208.1, 1.5);	(406522.6, 3761075.8, 223.4, 1.5);
(406547.5, 3761075.3, 233.6, 1.5);	(406572.5, 3761074.5, 236.0, 1.5);
(406597.5, 3761074.0, 233.0, 1.5);	(406622.5, 3761073.5, 240.2, 1.5);
(406647.5, 3761072.8, 237.3, 1.5);	(406672.5, 3761072.3, 230.2, 1.5);
(406697.5, 3761071.5, 242.9, 1.5);	(406722.5, 3761071.0, 247.4, 1.5);
(406747.5, 3761070.5, 234.2, 1.5);	(406772.5, 3761069.8, 225.7, 1.5);
(406797.5, 3761069.3, 239.7, 1.5);	(406822.5, 3761068.5, 254.2, 1.5);
(406847.5, 3761068.0, 260.0, 1.5);	(406872.5, 3761067.5, 261.5, 1.5);
(406897.4, 3761066.8, 257.9, 1.5);	(406922.4, 3761066.3, 251.6, 1.5);
(406947.4, 3761065.5, 241.6, 1.5);	(406972.4, 3761065.0, 235.9, 1.5);
(406997.4, 3761064.5, 238.3, 1.5);	(407021.1, 3761061.8, 252.1, 1.5);
(407020.3, 3761036.8, 240.4, 1.5);	(407019.5, 3761011.8, 256.2, 1.5);
(407018.7, 3760986.8, 272.6, 1.5);	(407017.8, 3760961.8, 288.8, 1.5);
(407017.0, 3760936.8, 301.6, 1.5);	(407016.2, 3760911.8, 315.1, 1.5);

*** ISCST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions *** 11:18:22
 **MODELOPTs: PAGE 9

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(407015.4, 3760886.8, 319.3, 1.5);	(407014.6, 3760861.8, 314.4, 1.5);
(407013.8, 3760836.8, 308.8, 1.5);	(407012.9, 3760811.8, 306.0, 1.5);
(407012.1, 3760787.0, 302.2, 1.5);	(407011.3, 3760762.0, 294.3, 1.5);
(407010.5, 3760737.0, 283.3, 1.5);	(407009.7, 3760712.0, 271.6, 1.5);
(407008.8, 3760687.0, 257.2, 1.5);	(407008.0, 3760662.0, 246.0, 1.5);
(407031.9, 3760661.5, 234.8, 1.5);	(407056.9, 3760661.3, 216.4, 1.5);
(407081.9, 3760661.3, 219.8, 1.5);	(407106.9, 3760661.0, 245.4, 1.5);
(407131.9, 3760660.8, 260.5, 1.5);	(407156.9, 3760660.5, 267.9, 1.5);
(407181.9, 3760660.3, 282.2, 1.5);	(407206.9, 3760660.0, 296.7, 1.5);
(407231.9, 3760660.0, 308.2, 1.5);	(407256.9, 3760659.8, 311.9, 1.5);
(407281.9, 3760659.5, 304.9, 1.5);	(407306.9, 3760659.3, 293.3, 1.5);
(407331.9, 3760659.0, 285.1, 1.5);	(407356.9, 3760659.0, 292.3, 1.5);
(407381.9, 3760658.8, 292.6, 1.5);	(407406.9, 3760658.5, 291.2, 1.5);
(407431.9, 3760658.3, 297.4, 1.5);	(407456.9, 3760658.0, 301.5, 1.5);
(407481.9, 3760657.8, 303.3, 1.5);	(407506.9, 3760657.8, 294.0, 1.5);
(407531.9, 3760657.5, 287.6, 1.5);	(407556.9, 3760657.3, 0.0, 1.5);
(407581.9, 3760657.0, 0.0, 1.5);	(407606.9, 3760656.8, 0.0, 1.5);
(407631.9, 3760656.8, 0.0, 1.5);	(407656.9, 3760656.5, 0.0, 1.5);
(407681.9, 3760656.3, 0.0, 1.5);	(407706.9, 3760656.0, 0.0, 1.5);
(407731.9, 3760655.8, 0.0, 1.5);	(407756.9, 3760655.5, 0.0, 1.5);
(407781.9, 3760655.5, 0.0, 1.5);	(407806.9, 3760655.3, 0.0, 1.5);
(407831.9, 3760655.0, 0.0, 1.5);	(407856.9, 3760654.8, 0.0, 1.5);
(407881.9, 3760654.5, 0.0, 1.5);	(407906.9, 3760654.3, 0.0, 1.5);
(407931.9, 3760654.3, 0.0, 1.5);	(407956.9, 3760654.0, 0.0, 1.5);
(407981.9, 3760653.8, 0.0, 1.5);	(408006.9, 3760653.5, 0.0, 1.5);
(408031.9, 3760653.3, 0.0, 1.5);	(408056.9, 3760653.3, 0.0, 1.5);
(408081.9, 3760653.0, 0.0, 1.5);	(408106.9, 3760652.8, 0.0, 1.5);
(408131.9, 3760652.5, 0.0, 1.5);	(408156.9, 3760652.3, 0.0, 1.5);
(408181.9, 3760652.0, 0.0, 1.5);	(408206.9, 3760652.0, 0.0, 1.5);
(408225.8, 3760645.0, 0.0, 1.5);	(408224.9, 3760620.0, 0.0, 1.5);
(408224.2, 3760595.0, 0.0, 1.5);	(408223.3, 3760570.0, 0.0, 1.5);
(408222.6, 3760545.0, 0.0, 1.5);	(408221.8, 3760520.0, 0.0, 1.5);
(408220.9, 3760495.0, 0.0, 1.5);	(408220.2, 3760470.0, 0.0, 1.5);
(408219.3, 3760445.0, 0.0, 1.5);	(408218.6, 3760420.0, 0.0, 1.5);
(408217.8, 3760395.0, 0.0, 1.5);	(408216.9, 3760370.0, 0.0, 1.5);
(408216.2, 3760345.0, 0.0, 1.5);	(408215.3, 3760320.0, 0.0, 1.5);
(408214.6, 3760295.0, 0.0, 1.5);	(408213.8, 3760270.0, 0.0, 1.5);
(408213.0, 3760245.3, 0.0, 1.5);	(408212.2, 3760220.3, 0.0, 1.5);
(408211.4, 3760195.3, 0.0, 1.5);	(408210.6, 3760170.3, 0.0, 1.5);
(408209.8, 3760145.3, 0.0, 1.5);	(408209.0, 3760120.3, 0.0, 1.5);
(408208.2, 3760095.3, 0.0, 1.5);	(408207.4, 3760070.3, 0.0, 1.5);
(408206.6, 3760045.3, 0.0, 1.5);	(408205.8, 3760020.3, 0.0, 1.5);
(408205.0, 3759995.3, 0.0, 1.5);	(408204.2, 3759970.3, 0.0, 1.5);
(408203.4, 3759945.3, 0.0, 1.5);	(408202.6, 3759920.3, 0.0, 1.5);
(408201.8, 3759895.3, 0.0, 1.5);	(408201.0, 3759870.3, 0.0, 1.5);

*** ISCST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions *** 11:18:22
 **MODELOPTs: PAGE 10

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***

Appendix B

PM Annual Emissions unmitigated
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(408201.6, 3759847.5, 0.0, 1.5);	(408226.6, 3759847.3, 0.0, 1.5);
(408251.6, 3759846.8, 0.0, 1.5);	(408276.6, 3759846.3, 0.0, 1.5);
(408301.6, 3759846.0, 0.0, 1.5);	(408326.6, 3759845.5, 0.0, 1.5);
(408351.6, 3759845.3, 0.0, 1.5);	(408376.6, 3759844.8, 0.0, 1.5);
(408401.6, 3759844.5, 0.0, 1.5);	(408426.6, 3759844.0, 0.0, 1.5);
(408451.5, 3759843.8, 0.0, 1.5);	(408476.5, 3759843.3, 0.0, 1.5);
(408501.5, 3759842.8, 0.0, 1.5);	(408526.5, 3759842.5, 0.0, 1.5);
(408551.5, 3759842.0, 0.0, 1.5);	(408576.5, 3759841.8, 0.0, 1.5);
(408601.5, 3759841.3, 0.0, 1.5);	(408626.5, 3759841.0, 0.0, 1.5);
(408651.5, 3759840.5, 0.0, 1.5);	(408676.5, 3759840.3, 0.0, 1.5);
(408701.5, 3759839.8, 0.0, 1.5);	(408726.5, 3759839.5, 0.0, 1.5);
(408751.5, 3759839.0, 0.0, 1.5);	(408776.5, 3759838.5, 0.0, 1.5);
(408801.5, 3759838.3, 0.0, 1.5);	(408826.5, 3759837.8, 0.0, 1.5);
(408851.5, 3759837.5, 0.0, 1.5);	(408876.5, 3759837.0, 0.0, 1.5);
(408901.5, 3759836.8, 0.0, 1.5);	(408926.5, 3759836.3, 0.0, 1.5);
(408951.5, 3759836.0, 0.0, 1.5);	(408976.5, 3759835.5, 0.0, 1.5);
(409001.5, 3759835.0, 0.0, 1.5);	(409026.5, 3759834.8, 0.0, 1.5);
(409051.5, 3759834.3, 0.0, 1.5);	(409076.5, 3759834.0, 0.0, 1.5);
(409101.5, 3759833.5, 0.0, 1.5);	(409126.5, 3759833.3, 0.0, 1.5);
(409151.5, 3759833.0, 0.0, 1.5);	(409176.5, 3759832.5, 0.0, 1.5);
(409201.5, 3759832.3, 0.0, 1.5);	(409226.5, 3759832.0, 0.0, 1.5);
(409251.5, 3759831.5, 0.0, 1.5);	(409276.4, 3759831.3, 0.0, 1.5);
(409301.4, 3759831.0, 0.0, 1.5);	(409326.4, 3759830.5, 0.0, 1.5);
(409351.4, 3759830.3, 0.0, 1.5);	(409376.4, 3759830.0, 0.0, 1.5);
(409401.4, 3759829.5, 0.0, 1.5);	(409426.4, 3759829.3, 0.0, 1.5);
(409451.4, 3759829.0, 0.0, 1.5);	(409476.4, 3759828.5, 0.0, 1.5);
(409501.4, 3759828.3, 0.0, 1.5);	(409526.4, 3759828.0, 0.0, 1.5);
(409551.4, 3759827.5, 0.0, 1.5);	(409576.4, 3759827.3, 0.0, 1.5);
(409601.4, 3759827.0, 0.0, 1.5);	(409626.4, 3759826.5, 0.0, 1.5);
(409651.4, 3759826.3, 0.0, 1.5);	(409676.4, 3759826.0, 0.0, 1.5);
(409700.9, 3759821.5, 0.0, 1.5);	(409724.6, 3759813.5, 0.0, 1.5);
(409748.3, 3759805.8, 0.0, 1.5);	(409772.0, 3759797.8, 0.0, 1.5);
(407390.9, 3759093.5, 138.5, 1.5);	(407365.1, 3759080.3, 138.6, 1.5);
(407339.8, 3759067.5, 139.9, 1.5);	(407316.6, 3759058.8, 141.3, 1.5);
(407283.2, 3759053.0, 144.3, 1.5);	(407252.9, 3759048.8, 145.0, 1.5);
(407225.7, 3759048.5, 145.0, 1.5);	(407197.0, 3759050.0, 143.7, 1.5);
(407179.0, 3759048.0, 141.9, 1.5);	(407162.8, 3759027.3, 140.9, 1.5);
(407144.1, 3759004.0, 138.4, 1.5);	(407126.5, 3758984.8, 135.1, 1.5);
(407105.8, 3758967.5, 133.6, 1.5);	(407088.2, 3758951.8, 133.5, 1.5);
(407069.5, 3758935.3, 133.2, 1.5);	(407049.3, 3758918.5, 132.9, 1.5);
(407036.3, 3758905.0, 131.9, 1.5);	(407039.7, 3758879.3, 133.0, 1.5);
(407046.7, 3758854.3, 130.9, 1.5);	(407052.5, 3758829.0, 130.0, 1.5);
(407055.9, 3758804.5, 128.7, 1.5);	(407059.2, 3758781.5, 127.0, 1.5);
(407066.3, 3758771.8, 126.4, 1.5);	(407073.9, 3758765.0, 125.1, 1.5);
(407083.1, 3758759.5, 124.1, 1.5);	(407094.4, 3758756.8, 124.0, 1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions *** 11:18:22
 **MODELOPTs: NOCALM PAGE 11
 CONC URBAN ELEV FLGPOL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(407109.3, 3758764.3, 124.6, 1.5);	(407134.6, 3758776.8, 124.4, 1.5);
(407157.8, 3758790.8, 125.3, 1.5);	(407181.6, 3758803.3, 126.5, 1.5);
(407205.4, 3758815.8, 127.4, 1.5);	(407230.7, 3758833.5, 129.5, 1.5);
(407254.0, 3758858.3, 130.5, 1.5);	(407272.7, 3758877.5, 130.6, 1.5);
(405962.5, 3758512.5, 92.0, 1.5);	(405962.5, 3758487.5, 91.0, 1.5);
(405962.5, 3758462.5, 91.0, 1.5);	(405962.5, 3758437.5, 91.0, 1.5);
(405962.5, 3758412.5, 90.3, 1.5);	(405962.5, 3758387.5, 90.3, 1.5);
(405962.5, 3758362.5, 90.0, 1.5);	(405962.5, 3758337.5, 90.0, 1.5);
(405962.5, 3758312.5, 90.0, 1.5);	(405962.5, 3758287.5, 90.0, 1.5);
(405962.5, 3758262.5, 90.0, 1.5);	(405962.5, 3758237.5, 89.2, 1.5);
(405962.5, 3758212.5, 89.1, 1.5);	(405962.5, 3758187.5, 89.0, 1.5);
(405962.5, 3758162.5, 89.0, 1.5);	(405962.5, 3758137.5, 88.3, 1.5);
(405987.5, 3758512.5, 92.8, 1.5);	(405987.5, 3758487.5, 92.0, 1.5);
(405987.5, 3758462.5, 91.3, 1.5);	(405987.5, 3758437.5, 91.0, 1.5);
(405987.5, 3758412.5, 91.0, 1.5);	(405987.5, 3758387.5, 91.0, 1.5);
(405987.5, 3758362.5, 91.0, 1.5);	(405987.5, 3758337.5, 91.0, 1.5);
(405987.5, 3758312.5, 91.0, 1.5);	(405987.5, 3758287.5, 91.0, 1.5);
(405987.5, 3758262.5, 90.8, 1.5);	(405987.5, 3758237.5, 90.0, 1.5);

Appendix B

PM Annual Emissions unmitigated

(405987.5, 3758212.5,	90.0,	1.5);	(405987.5, 3758187.5,	89.8,	1.5);
(405987.5, 3758162.5,	89.3,	1.5);	(405987.5, 3758137.5,	89.0,	1.5);
(406012.5, 3758512.5,	93.1,	1.5);	(406012.5, 3758487.5,	93.0,	1.5);
(406012.5, 3758462.5,	92.1,	1.5);	(406012.5, 3758437.5,	92.0,	1.5);
(406012.5, 3758412.5,	92.0,	1.5);	(406012.5, 3758387.5,	91.3,	1.5);
(406012.5, 3758362.5,	91.3,	1.5);	(406012.5, 3758337.5,	91.3,	1.5);
(406012.5, 3758312.5,	91.6,	1.5);	(406012.5, 3758287.5,	91.3,	1.5);
(406012.5, 3758262.5,	91.0,	1.5);	(406012.5, 3758237.5,	91.0,	1.5);
(406012.5, 3758212.5,	91.0,	1.5);	(406012.5, 3758187.5,	90.3,	1.5);
(406012.5, 3758162.5,	90.0,	1.5);	(406012.5, 3758137.5,	90.0,	1.5);
(406037.5, 3758512.5,	94.0,	1.5);	(406037.5, 3758487.5,	93.7,	1.5);
(406037.5, 3758462.5,	93.0,	1.5);	(406037.5, 3758437.5,	93.0,	1.5);
(406037.5, 3758412.5,	92.8,	1.5);	(406037.5, 3758387.5,	92.0,	1.5);
(406037.5, 3758362.5,	92.0,	1.5);	(406037.5, 3758337.5,	92.0,	1.5);
(406037.5, 3758312.5,	92.0,	1.5);	(406037.5, 3758287.5,	92.0,	1.5);
(406037.5, 3758262.5,	92.0,	1.5);	(406037.5, 3758237.5,	91.7,	1.5);
(406037.5, 3758212.5,	91.0,	1.5);	(406037.5, 3758187.5,	91.0,	1.5);
(406037.5, 3758162.5,	91.0,	1.5);	(406037.5, 3758137.5,	91.0,	1.5);
(406062.5, 3758512.5,	95.0,	1.5);	(406062.5, 3758487.5,	94.2,	1.5);
(406062.5, 3758462.5,	94.0,	1.5);	(406062.5, 3758437.5,	93.3,	1.5);
(406062.5, 3758412.5,	93.1,	1.5);	(406062.5, 3758387.5,	93.0,	1.5);
(406062.5, 3758362.5,	93.0,	1.5);	(406062.5, 3758337.5,	93.0,	1.5);
(406062.5, 3758312.5,	93.0,	1.5);	(406062.5, 3758287.5,	93.0,	1.5);
(406062.5, 3758262.5,	92.6,	1.5);	(406062.5, 3758237.5,	92.3,	1.5);
(406062.5, 3758212.5,	92.0,	1.5);	(406062.5, 3758187.5,	91.3,	1.5);
(406062.5, 3758162.5,	91.1,	1.5);	(406062.5, 3758137.5,	91.3,	1.5);
(406087.5, 3758512.5,	95.0,	1.5);	(406087.5, 3758487.5,	95.0,	1.5);
*** ISCS T3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT		***		07/29/11
	*** ANALYSIS ANNUAL PM emissions		***		11:18:22
**MODELOPTs:					PAGE 12
CONC	URBAN ELEV	FLGPOL	NOCALM		
*** DISCRETE CARTESIAN RECEPTORS ***					
(X-COORD, Y-COORD, ZELEV, ZFLAG)					
(METERS)					
(406087.5, 3758462.5,	94.9,	1.5);	(406087.5, 3758437.5,	94.0,	1.5);
(406087.5, 3758412.5,	94.0,	1.5);	(406087.5, 3758387.5,	94.0,	1.5);
(406087.5, 3758362.5,	94.0,	1.5);	(406087.5, 3758337.5,	93.8,	1.5);
(406087.5, 3758312.5,	93.8,	1.5);	(406087.5, 3758287.5,	93.7,	1.5);
(406087.5, 3758262.5,	93.0,	1.5);	(406087.5, 3758237.5,	93.0,	1.5);
(406087.5, 3758212.5,	92.8,	1.5);	(406087.5, 3758187.5,	92.0,	1.5);
(406087.5, 3758162.5,	92.0,	1.5);	(406087.5, 3758137.5,	92.0,	1.5);
(406112.5, 3758512.5,	96.0,	1.5);	(406112.5, 3758487.5,	96.0,	1.5);
(406112.5, 3758462.5,	95.1,	1.5);	(406112.5, 3758437.5,	95.0,	1.5);
(406112.5, 3758412.5,	95.0,	1.5);	(406112.5, 3758387.5,	94.2,	1.5);
(406112.5, 3758362.5,	94.2,	1.5);	(406112.5, 3758337.5,	94.2,	1.5);
(406112.5, 3758312.5,	94.0,	1.5);	(406112.5, 3758287.5,	94.0,	1.5);
(406112.5, 3758262.5,	94.0,	1.5);	(406112.5, 3758237.5,	94.0,	1.5);
(406112.5, 3758212.5,	93.3,	1.5);	(406112.5, 3758187.5,	93.3,	1.5);
(406112.5, 3758162.5,	93.0,	1.5);	(406112.5, 3758137.5,	93.0,	1.5);
(406137.5, 3758512.5,	97.0,	1.5);	(406137.5, 3758487.5,	96.0,	1.5);
(406137.5, 3758462.5,	96.0,	1.5);	(406137.5, 3758437.5,	95.7,	1.5);
(406137.5, 3758412.5,	95.0,	1.5);	(406137.5, 3758387.5,	95.0,	1.5);
(406137.5, 3758362.5,	95.0,	1.5);	(406137.5, 3758337.5,	95.0,	1.5);
(406137.5, 3758312.5,	95.0,	1.5);	(406137.5, 3758287.5,	95.0,	1.5);
(406137.5, 3758262.5,	94.8,	1.5);	(406137.5, 3758237.5,	94.8,	1.5);
(406137.5, 3758212.5,	94.3,	1.5);	(406137.5, 3758187.5,	94.0,	1.5);
(406137.5, 3758162.5,	94.0,	1.5);	(406137.5, 3758137.5,	94.0,	1.5);
(406162.5, 3758512.5,	97.6,	1.5);	(406162.5, 3758487.5,	97.0,	1.5);
(406162.5, 3758462.5,	96.6,	1.5);	(406162.5, 3758437.5,	96.0,	1.5);
(406162.5, 3758412.5,	96.0,	1.5);	(406162.5, 3758387.5,	96.0,	1.5);
(406162.5, 3758362.5,	95.3,	1.5);	(406162.5, 3758337.5,	95.3,	1.5);
(406162.5, 3758312.5,	95.1,	1.5);	(406162.5, 3758287.5,	95.0,	1.5);
(406162.5, 3758262.5,	95.0,	1.5);	(406162.5, 3758237.5,	95.0,	1.5);
(406162.5, 3758212.5,	95.0,	1.5);	(406162.5, 3758187.5,	95.0,	1.5);
(406162.5, 3758162.5,	95.0,	1.5);	(406162.5, 3758137.5,	95.0,	1.5);
(406187.5, 3758512.5,	98.0,	1.5);	(406187.5, 3758487.5,	97.7,	1.5);
(406187.5, 3758462.5,	97.0,	1.5);	(406187.5, 3758437.5,	97.0,	1.5);
(406187.5, 3758412.5,	96.9,	1.5);	(406187.5, 3758387.5,	96.7,	1.5);
(406187.5, 3758362.5,	96.0,	1.5);	(406187.5, 3758337.5,	96.0,	1.5);
(406187.5, 3758312.5,	96.0,	1.5);	(406187.5, 3758287.5,	96.0,	1.5);
(406187.5, 3758262.5,	96.0,	1.5);	(406187.5, 3758237.5,	96.0,	1.5);
(406187.5, 3758212.5,	96.0,	1.5);	(406187.5, 3758187.5,	96.0,	1.5);
(406187.5, 3758162.5,	95.8,	1.5);	(406187.5, 3758137.5,	95.0,	1.5);

Appendix B

PM Annual Emissions unmitigated

(406212.5, 3758512.5, 99.0, 1.5);	(406212.5, 3758487.5, 98.3, 1.5);	
(406212.5, 3758462.5, 98.0, 1.5);	(406212.5, 3758437.5, 98.0, 1.5);	
(406212.5, 3758412.5, 97.3, 1.5);	(406212.5, 3758387.5, 97.0, 1.5);	
(406212.5, 3758362.5, 97.3, 1.5);	(406212.5, 3758337.5, 97.0, 1.5);	
(406212.5, 3758312.5, 97.0, 1.5);	(406212.5, 3758287.5, 97.0, 1.5);	
(406212.5, 3758262.5, 97.0, 1.5);	(406212.5, 3758237.5, 97.0, 1.5);	

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions *** 11:18:22

**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 13
 CONC

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406212.5, 3758212.5, 97.0, 1.5);	(406212.5, 3758187.5, 97.0, 1.5);	
(406212.5, 3758162.5, 96.6, 1.5);	(406212.5, 3758137.5, 96.0, 1.5);	
(406237.5, 3758512.5, 100.3, 1.5);	(406237.5, 3758487.5, 99.8, 1.5);	
(406237.5, 3758462.5, 99.0, 1.5);	(406237.5, 3758437.5, 98.7, 1.5);	
(406237.5, 3758412.5, 98.0, 1.5);	(406237.5, 3758387.5, 98.0, 1.5);	
(406237.5, 3758362.5, 98.0, 1.5);	(406237.5, 3758337.5, 97.7, 1.5);	
(406237.5, 3758312.5, 97.7, 1.5);	(406237.5, 3758287.5, 97.7, 1.5);	
(406237.5, 3758262.5, 97.7, 1.5);	(406237.5, 3758237.5, 97.7, 1.5);	
(406237.5, 3758212.5, 98.0, 1.5);	(406237.5, 3758187.5, 98.0, 1.5);	
(406237.5, 3758162.5, 97.0, 1.5);	(406237.5, 3758137.5, 97.0, 1.5);	
(406262.5, 3758512.5, 101.6, 1.5);	(406262.5, 3758487.5, 101.0, 1.5);	
(406262.5, 3758462.5, 100.2, 1.5);	(406262.5, 3758437.5, 99.9, 1.5);	
(406262.5, 3758412.5, 99.1, 1.5);	(406262.5, 3758387.5, 99.0, 1.5);	
(406262.5, 3758362.5, 99.0, 1.5);	(406262.5, 3758337.5, 98.3, 1.5);	
(406262.5, 3758312.5, 98.0, 1.5);	(406262.5, 3758287.5, 98.0, 1.5);	
(406262.5, 3758262.5, 98.1, 1.5);	(406262.5, 3758237.5, 98.3, 1.5);	
(406262.5, 3758212.5, 98.0, 1.5);	(406262.5, 3758187.5, 98.0, 1.5);	
(406262.5, 3758162.5, 98.0, 1.5);	(406262.5, 3758137.5, 97.0, 1.5);	
(406287.5, 3758512.5, 102.4, 1.5);	(406287.5, 3758487.5, 102.0, 1.5);	
(406287.5, 3758462.5, 101.3, 1.5);	(406287.5, 3758437.5, 100.8, 1.5);	
(406287.5, 3758412.5, 100.3, 1.5);	(406287.5, 3758387.5, 100.0, 1.5);	
(406287.5, 3758362.5, 99.9, 1.5);	(406287.5, 3758337.5, 99.7, 1.5);	
(406287.5, 3758312.5, 99.0, 1.5);	(406287.5, 3758287.5, 99.0, 1.5);	
(406287.5, 3758262.5, 99.0, 1.5);	(406287.5, 3758237.5, 99.0, 1.5);	
(406287.5, 3758212.5, 99.0, 1.5);	(406287.5, 3758187.5, 98.0, 1.5);	
(406287.5, 3758162.5, 98.0, 1.5);	(406287.5, 3758137.5, 98.0, 1.5);	
(406312.5, 3758512.5, 103.1, 1.5);	(406312.5, 3758487.5, 102.3, 1.5);	
(406312.5, 3758462.5, 102.0, 1.5);	(406312.5, 3758437.5, 102.0, 1.5);	
(406312.5, 3758412.5, 101.3, 1.5);	(406312.5, 3758387.5, 101.0, 1.5);	
(406312.5, 3758362.5, 101.0, 1.5);	(406312.5, 3758337.5, 100.2, 1.5);	
(406312.5, 3758312.5, 100.0, 1.5);	(406312.5, 3758287.5, 100.0, 1.5);	
(406312.5, 3758262.5, 100.0, 1.5);	(406312.5, 3758237.5, 100.0, 1.5);	
(406312.5, 3758212.5, 99.1, 1.5);	(406312.5, 3758187.5, 99.0, 1.5);	
(406312.5, 3758162.5, 98.3, 1.5);	(406312.5, 3758137.5, 98.0, 1.5);	
(406337.5, 3758512.5, 104.0, 1.5);	(406337.5, 3758487.5, 103.0, 1.5);	
(406337.5, 3758462.5, 102.9, 1.5);	(406337.5, 3758437.5, 102.7, 1.5);	
(406337.5, 3758412.5, 102.0, 1.5);	(406337.5, 3758387.5, 102.0, 1.5);	
(406337.5, 3758362.5, 101.9, 1.5);	(406337.5, 3758337.5, 101.0, 1.5);	
(406337.5, 3758312.5, 101.0, 1.5);	(406337.5, 3758287.5, 100.0, 1.5);	
(406337.5, 3758262.5, 100.0, 1.5);	(406337.5, 3758237.5, 100.0, 1.5);	
(406337.5, 3758212.5, 99.5, 1.5);	(406337.5, 3758187.5, 99.0, 1.5);	
(406337.5, 3758162.5, 99.0, 1.5);	(406337.5, 3758137.5, 98.9, 1.5);	
(406362.5, 3758512.5, 104.6, 1.5);	(406362.5, 3758487.5, 104.0, 1.5);	
(406362.5, 3758462.5, 104.0, 1.5);	(406362.5, 3758437.5, 103.3, 1.5);	
(406362.5, 3758412.5, 103.1, 1.5);	(406362.5, 3758387.5, 103.0, 1.5);	

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions *** 11:18:22

**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 14
 CONC

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406362.5, 3758362.5, 102.0, 1.5);	(406362.5, 3758337.5, 102.0, 1.5);	
(406362.5, 3758312.5, 102.0, 1.5);	(406362.5, 3758287.5, 101.0, 1.5);	
(406362.5, 3758262.5, 101.0, 1.5);	(406362.5, 3758237.5, 100.0, 1.5);	
(406362.5, 3758212.5, 99.3, 1.5);	(406362.5, 3758187.5, 99.0, 1.5);	
(406362.5, 3758162.5, 98.8, 1.5);	(406362.5, 3758137.5, 98.7, 1.5);	

Appendix B

PM Annual Emissions unmitigated

(406387.5, 3758512.5, 105.0, 1.5);	(406387.5, 3758487.5, 105.0, 1.5);
(406387.5, 3758462.5, 104.8, 1.5);	(406387.5, 3758437.5, 104.0, 1.5);
(406387.5, 3758412.5, 104.0, 1.5);	(406387.5, 3758387.5, 103.0, 1.5);
(406387.5, 3758362.5, 103.0, 1.5);	(406387.5, 3758337.5, 102.7, 1.5);
(406387.5, 3758312.5, 102.0, 1.5);	(406387.5, 3758287.5, 102.0, 1.5);
(406387.5, 3758262.5, 101.0, 1.5);	(406387.5, 3758237.5, 100.0, 1.5);
(406387.5, 3758212.5, 99.0, 1.5);	(406387.5, 3758187.5, 98.2, 1.5);
(406387.5, 3758162.5, 98.0, 1.5);	(406387.5, 3758137.5, 98.0, 1.5);
(406412.5, 3758512.5, 106.0, 1.5);	(406412.5, 3758487.5, 105.0, 1.5);
(406412.5, 3758462.5, 105.0, 1.5);	(406412.5, 3758437.5, 105.0, 1.5);
(406412.5, 3758412.5, 104.1, 1.5);	(406412.5, 3758387.5, 104.0, 1.5);
(406412.5, 3758362.5, 103.6, 1.5);	(406412.5, 3758337.5, 103.0, 1.5);
(406412.5, 3758312.5, 102.6, 1.5);	(406412.5, 3758287.5, 102.0, 1.5);
(406412.5, 3758262.5, 100.8, 1.5);	(406412.5, 3758237.5, 99.0, 1.5);
(406412.5, 3758212.5, 98.3, 1.5);	(406412.5, 3758187.5, 98.0, 1.5);
(406412.5, 3758162.5, 98.0, 1.5);	(406412.5, 3758137.5, 98.0, 1.5);
(406437.5, 3758512.5, 106.3, 1.5);	(406437.5, 3758487.5, 106.0, 1.5);
(406437.5, 3758462.5, 105.3, 1.5);	(406437.5, 3758437.5, 105.0, 1.5);
(406437.5, 3758412.5, 105.0, 1.5);	(406437.5, 3758387.5, 104.7, 1.5);
(406437.5, 3758362.5, 104.0, 1.5);	(406437.5, 3758337.5, 104.0, 1.5);
(406437.5, 3758312.5, 103.0, 1.5);	(406437.5, 3758287.5, 102.0, 1.5);
(406437.5, 3758262.5, 100.0, 1.5);	(406437.5, 3758237.5, 98.2, 1.5);
(406437.5, 3758212.5, 98.0, 1.5);	(406437.5, 3758187.5, 98.0, 1.5);
(406437.5, 3758162.5, 98.0, 1.5);	(406437.5, 3758137.5, 98.0, 1.5);
(406462.5, 3758512.5, 107.0, 1.5);	(406462.5, 3758487.5, 106.0, 1.5);
(406462.5, 3758462.5, 106.0, 1.5);	(406462.5, 3758437.5, 105.2, 1.5);
(406462.5, 3758412.5, 105.0, 1.5);	(406462.5, 3758387.5, 105.0, 1.5);
(406462.5, 3758362.5, 104.6, 1.5);	(406462.5, 3758337.5, 104.0, 1.5);
(406462.5, 3758312.5, 103.6, 1.5);	(406462.5, 3758287.5, 102.3, 1.5);
(406462.5, 3758262.5, 99.3, 1.5);	(406462.5, 3758237.5, 98.0, 1.5);
(406462.5, 3758212.5, 98.0, 1.5);	(406462.5, 3758187.5, 98.3, 1.5);
(406462.5, 3758162.5, 98.6, 1.5);	(406462.5, 3758137.5, 99.2, 1.5);
(406487.5, 3758512.5, 107.9, 1.5);	(406487.5, 3758487.5, 107.0, 1.5);
(406487.5, 3758462.5, 106.0, 1.5);	(406487.5, 3758437.5, 106.0, 1.5);
(406487.5, 3758412.5, 105.0, 1.5);	(406487.5, 3758387.5, 105.0, 1.5);
(406487.5, 3758362.5, 105.0, 1.5);	(406487.5, 3758337.5, 104.0, 1.5);
(406487.5, 3758312.5, 104.0, 1.5);	(406487.5, 3758287.5, 103.0, 1.5);
(406487.5, 3758262.5, 98.5, 1.5);	(406487.5, 3758237.5, 98.0, 1.5);
(406487.5, 3758212.5, 98.9, 1.5);	(406487.5, 3758187.5, 99.8, 1.5);
(406487.5, 3758162.5, 100.0, 1.5);	(406487.5, 3758137.5, 100.8, 1.5);

• *** ISCS3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions

*** 07/29/11
 *** 11:18:22
 *** PAGE 15

**MODELOPTs:
 CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZLEV, ZFLAG)
 (METERS)

(406512.5, 3758512.5, 108.0, 1.5);	(406512.5, 3758487.5, 107.0, 1.5);
(406512.5, 3758462.5, 106.0, 1.5);	(406512.5, 3758437.5, 105.0, 1.5);
(406512.5, 3758412.5, 105.0, 1.5);	(406512.5, 3758387.5, 105.0, 1.5);
(406512.5, 3758362.5, 104.3, 1.5);	(406512.5, 3758337.5, 104.0, 1.5);
(406512.5, 3758312.5, 103.2, 1.5);	(406512.5, 3758287.5, 100.9, 1.5);
(406512.5, 3758262.5, 98.0, 1.5);	(406512.5, 3758237.5, 98.6, 1.5);
(406512.5, 3758212.5, 101.9, 1.5);	(406512.5, 3758187.5, 102.0, 1.5);
(406512.5, 3758162.5, 102.0, 1.5);	(406512.5, 3758137.5, 102.0, 1.5);
(406537.5, 3758512.5, 108.4, 1.5);	(406537.5, 3758487.5, 107.0, 1.5);
(406537.5, 3758462.5, 106.0, 1.5);	(406537.5, 3758437.5, 105.0, 1.5);
(406537.5, 3758412.5, 105.0, 1.5);	(406537.5, 3758387.5, 104.2, 1.5);
(406537.5, 3758362.5, 103.6, 1.5);	(406537.5, 3758337.5, 103.0, 1.5);
(406537.5, 3758312.5, 102.4, 1.5);	(406537.5, 3758287.5, 101.7, 1.5);
(406537.5, 3758262.5, 102.0, 1.5);	(406537.5, 3758237.5, 104.7, 1.5);
(406537.5, 3758212.5, 103.8, 1.5);	(406537.5, 3758187.5, 103.0, 1.5);
(406537.5, 3758162.5, 102.4, 1.5);	(406537.5, 3758137.5, 102.0, 1.5);
(406562.5, 3758512.5, 108.6, 1.5);	(406562.5, 3758487.5, 107.0, 1.5);
(406562.5, 3758462.5, 105.8, 1.5);	(406562.5, 3758437.5, 105.0, 1.5);
(406562.5, 3758412.5, 104.0, 1.5);	(406562.5, 3758387.5, 103.0, 1.5);
(406562.5, 3758362.5, 103.0, 1.5);	(406562.5, 3758337.5, 103.0, 1.5);
(406562.5, 3758312.5, 103.3, 1.5);	(406562.5, 3758287.5, 104.0, 1.5);
(406562.5, 3758262.5, 104.6, 1.5);	(406562.5, 3758237.5, 105.0, 1.5);
(406562.5, 3758212.5, 104.2, 1.5);	(406562.5, 3758187.5, 104.0, 1.5);
(406562.5, 3758162.5, 103.3, 1.5);	(406562.5, 3758137.5, 103.0, 1.5);
(406587.5, 3758512.5, 109.0, 1.5);	(406587.5, 3758487.5, 107.2, 1.5);
(406587.5, 3758462.5, 105.5, 1.5);	(406587.5, 3758437.5, 104.0, 1.5);

Appendix B

PM Annual Emissions unmitigated

(406587.5, 3758412.5,	104.0,	1.5);	(406587.5, 3758387.5,	103.7,	1.5);		
(406587.5, 3758362.5,	103.4,	1.5);	(406587.5, 3758337.5,	103.8,	1.5);		
(406587.5, 3758312.5,	104.9,	1.5);	(406587.5, 3758287.5,	105.0,	1.5);		
(406587.5, 3758262.5,	105.0,	1.5);	(406587.5, 3758237.5,	105.0,	1.5);		
(406587.5, 3758212.5,	105.0,	1.5);	(406587.5, 3758187.5,	104.8,	1.5);		
(406587.5, 3758162.5,	104.0,	1.5);	(406587.5, 3758137.5,	103.8,	1.5);		
(406612.5, 3758512.5,	109.0,	1.5);	(406612.5, 3758487.5,	107.0,	1.5);		
(406612.5, 3758462.5,	104.7,	1.5);	(406612.5, 3758437.5,	104.0,	1.5);		
(406612.5, 3758412.5,	104.0,	1.5);	(406612.5, 3758387.5,	103.3,	1.5);		
(406612.5, 3758362.5,	104.6,	1.5);	(406612.5, 3758337.5,	105.6,	1.5);		
(406612.5, 3758312.5,	106.4,	1.5);	(406612.5, 3758287.5,	106.3,	1.5);		
(406612.5, 3758262.5,	106.3,	1.5);	(406612.5, 3758237.5,	106.0,	1.5);		
(406612.5, 3758212.5,	105.6,	1.5);	(406612.5, 3758187.5,	105.0,	1.5);		
(406612.5, 3758162.5,	105.0,	1.5);	(406612.5, 3758137.5,	105.0,	1.5);		
(406637.5, 3758512.5,	108.1,	1.5);	(406637.5, 3758487.5,	107.0,	1.5);		
(406637.5, 3758462.5,	105.5,	1.5);	(406637.5, 3758437.5,	104.0,	1.5);		
(406637.5, 3758412.5,	104.4,	1.5);	(406637.5, 3758387.5,	105.8,	1.5);		
(406637.5, 3758362.5,	107.3,	1.5);	(406637.5, 3758337.5,	108.8,	1.5);		
(406637.5, 3758312.5,	108.8,	1.5);	(406637.5, 3758287.5,	108.0,	1.5);		
• *** ISCST3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT					***	07/29/11
MODELOPTs:	** ANALYSIS ANNUAL PM emissions					*	11:18:22
CONC	URBAN ELEV	FLGPOL	NOCALM				PAGE 16
*** DISCRETE CARTESIAN RECEPTORS ***							
(X-COORD, Y-COORD, ZELEV, ZFLAG)							
(METERS)							
(406637.5, 3758262.5,	107.4,	1.5);	(406637.5, 3758237.5,	106.7,	1.5);		
(406637.5, 3758212.5,	106.0,	1.5);	(406637.5, 3758187.5,	105.7,	1.5);		
(406637.5, 3758162.5,	105.0,	1.5);	(406637.5, 3758137.5,	105.0,	1.5);		
(406662.5, 3758512.5,	109.0,	1.5);	(406662.5, 3758487.5,	108.0,	1.5);		
(406662.5, 3758462.5,	107.2,	1.5);	(406662.5, 3758437.5,	107.3,	1.5);		
(406662.5, 3758412.5,	108.3,	1.5);	(406662.5, 3758387.5,	108.3,	1.5);		
(406662.5, 3758362.5,	109.2,	1.5);	(406662.5, 3758337.5,	110.0,	1.5);		
(406662.5, 3758312.5,	109.6,	1.5);	(406662.5, 3758287.5,	109.0,	1.5);		
(406662.5, 3758262.5,	108.0,	1.5);	(406662.5, 3758237.5,	107.3,	1.5);		
(406662.5, 3758212.5,	107.0,	1.5);	(406662.5, 3758187.5,	106.0,	1.5);		
(406662.5, 3758162.5,	106.0,	1.5);	(406662.5, 3758137.5,	105.0,	1.5);		
(406687.5, 3758512.5,	109.0,	1.5);	(406687.5, 3758487.5,	109.0,	1.5);		
(406687.5, 3758462.5,	109.0,	1.5);	(406687.5, 3758437.5,	109.8,	1.5);		
(406687.5, 3758412.5,	110.0,	1.5);	(406687.5, 3758387.5,	109.8,	1.5);		
(406687.5, 3758362.5,	110.4,	1.5);	(406687.5, 3758337.5,	110.7,	1.5);		
(406687.5, 3758312.5,	110.0,	1.5);	(406687.5, 3758287.5,	109.0,	1.5);		
(406687.5, 3758262.5,	108.4,	1.5);	(406687.5, 3758237.5,	108.0,	1.5);		
(406687.5, 3758212.5,	107.0,	1.5);	(406687.5, 3758187.5,	107.0,	1.5);		
(406687.5, 3758162.5,	106.0,	1.5);	(406687.5, 3758137.5,	105.0,	1.5);		
(406712.5, 3758512.5,	109.0,	1.5);	(406712.5, 3758487.5,	109.3,	1.5);		
(406712.5, 3758462.5,	110.0,	1.5);	(406712.5, 3758437.5,	110.2,	1.5);		
(406712.5, 3758412.5,	111.0,	1.5);	(406712.5, 3758387.5,	111.0,	1.5);		
(406712.5, 3758362.5,	111.0,	1.5);	(406712.5, 3758337.5,	110.9,	1.5);		
(406712.5, 3758312.5,	110.0,	1.5);	(406712.5, 3758287.5,	109.0,	1.5);		
(406712.5, 3758262.5,	109.0,	1.5);	(406712.5, 3758237.5,	108.0,	1.5);		
(406712.5, 3758212.5,	108.0,	1.5);	(406712.5, 3758187.5,	107.0,	1.5);		
(406712.5, 3758162.5,	106.1,	1.5);	(406712.5, 3758137.5,	105.0,	1.5);		
(406737.5, 3758512.5,	109.5,	1.5);	(406737.5, 3758487.5,	110.0,	1.5);		
(406737.5, 3758462.5,	110.9,	1.5);	(406737.5, 3758437.5,	111.0,	1.5);		
(406737.5, 3758412.5,	111.4,	1.5);	(406737.5, 3758387.5,	111.8,	1.5);		
(406737.5, 3758362.5,	112.0,	1.5);	(406737.5, 3758337.5,	111.0,	1.5);		
(406737.5, 3758312.5,	110.3,	1.5);	(406737.5, 3758287.5,	110.0,	1.5);		
(406737.5, 3758262.5,	109.0,	1.5);	(406737.5, 3758237.5,	109.0,	1.5);		
(406737.5, 3758212.5,	108.0,	1.5);	(406737.5, 3758187.5,	107.0,	1.5);		
(406737.5, 3758162.5,	106.0,	1.5);	(406737.5, 3758137.5,	105.0,	1.5);		
(406762.5, 3758512.5,	110.0,	1.5);	(406762.5, 3758487.5,	111.0,	1.5);		
(406762.5, 3758462.5,	111.3,	1.5);	(406762.5, 3758437.5,	112.0,	1.5);		
(406762.5, 3758412.5,	112.0,	1.5);	(406762.5, 3758387.5,	112.0,	1.5);		
(406762.5, 3758362.5,	112.3,	1.5);	(406762.5, 3758337.5,	112.0,	1.5);		
(406762.5, 3758312.5,	111.1,	1.5);	(406762.5, 3758287.5,	110.2,	1.5);		
(406762.5, 3758262.5,	110.0,	1.5);	(406762.5, 3758237.5,	109.0,	1.5);		
(406762.5, 3758212.5,	108.6,	1.5);	(406762.5, 3758187.5,	107.0,	1.5);		
(406762.5, 3758162.5,	106.0,	1.5);	(406762.5, 3758137.5,	105.0,	1.5);		
(406787.5, 3758512.5,	110.0,	1.5);	(406787.5, 3758487.5,	111.0,	1.5);		
(406787.5, 3758462.5,	112.0,	1.5);	(406787.5, 3758437.5,	112.7,	1.5);		
• *** ISCST3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT					***	07/29/11
MODELOPTs:	** ANALYSIS ANNUAL PM emissions					*	11:18:22

Appendix B

PM Annual Emissions unmitigated

**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406787.5, 3758412.5, 113.0, 1.5);	(406787.5, 3758387.5, 113.0, 1.5);
(406787.5, 3758362.5, 113.4, 1.5);	(406787.5, 3758337.5, 112.7, 1.5);
(406787.5, 3758312.5, 112.0, 1.5);	(406787.5, 3758287.5, 111.7, 1.5);
(406787.5, 3758262.5, 110.3, 1.5);	(406787.5, 3758237.5, 109.9, 1.5);
(406787.5, 3758212.5, 109.0, 1.5);	(406787.5, 3758187.5, 107.0, 1.5);
(406787.5, 3758162.5, 106.0, 1.5);	(406787.5, 3758137.5, 104.2, 1.5);
(406812.5, 3758512.5, 110.6, 1.5);	(406812.5, 3758487.5, 112.0, 1.5);
(406812.5, 3758462.5, 112.6, 1.5);	(406812.5, 3758437.5, 113.3, 1.5);
(406812.5, 3758412.5, 114.1, 1.5);	(406812.5, 3758387.5, 114.2, 1.5);
(406812.5, 3758362.5, 114.2, 1.5);	(406812.5, 3758337.5, 114.0, 1.5);
(406812.5, 3758312.5, 112.6, 1.5);	(406812.5, 3758287.5, 112.0, 1.5);
(406812.5, 3758262.5, 111.1, 1.5);	(406812.5, 3758237.5, 110.0, 1.5);
(406812.5, 3758212.5, 109.0, 1.5);	(406812.5, 3758187.5, 108.0, 1.5);
(406812.5, 3758162.5, 105.5, 1.5);	(406812.5, 3758137.5, 104.0, 1.5);
(406837.5, 3758512.5, 111.7, 1.5);	(406837.5, 3758487.5, 112.0, 1.5);
(406837.5, 3758462.5, 113.0, 1.5);	(406837.5, 3758437.5, 114.0, 1.5);
(406837.5, 3758412.5, 115.4, 1.5);	(406837.5, 3758387.5, 115.8, 1.5);
(406837.5, 3758362.5, 115.3, 1.5);	(406837.5, 3758337.5, 115.0, 1.5);
(406837.5, 3758312.5, 113.8, 1.5);	(406837.5, 3758287.5, 112.0, 1.5);
(406837.5, 3758262.5, 110.6, 1.5);	(406837.5, 3758237.5, 109.2, 1.5);
(406837.5, 3758212.5, 109.0, 1.5);	(406837.5, 3758187.5, 108.0, 1.5);
(406837.5, 3758162.5, 106.2, 1.5);	(406837.5, 3758137.5, 104.8, 1.5);
(406862.5, 3758512.5, 112.3, 1.5);	(406862.5, 3758487.5, 113.0, 1.5);
(406862.5, 3758462.5, 114.0, 1.5);	(406862.5, 3758437.5, 115.0, 1.5);
(406862.5, 3758412.5, 116.0, 1.5);	(406862.5, 3758387.5, 116.3, 1.5);
(406862.5, 3758362.5, 116.0, 1.5);	(406862.5, 3758337.5, 115.9, 1.5);
(406862.5, 3758312.5, 114.5, 1.5);	(406862.5, 3758287.5, 110.9, 1.5);
(406862.5, 3758262.5, 109.3, 1.5);	(406862.5, 3758237.5, 109.2, 1.5);
(406862.5, 3758212.5, 109.2, 1.5);	(406862.5, 3758187.5, 109.0, 1.5);
(406862.5, 3758162.5, 109.0, 1.5);	(406862.5, 3758137.5, 108.3, 1.5);
(406887.5, 3758512.5, 113.8, 1.5);	(406887.5, 3758487.5, 114.0, 1.5);
(406887.5, 3758462.5, 114.4, 1.5);	(406887.5, 3758437.5, 115.8, 1.5);
(406887.5, 3758412.5, 116.4, 1.5);	(406887.5, 3758387.5, 117.0, 1.5);
(406887.5, 3758362.5, 116.9, 1.5);	(406887.5, 3758337.5, 116.0, 1.5);
(406887.5, 3758312.5, 112.9, 1.5);	(406887.5, 3758287.5, 109.2, 1.5);
(406887.5, 3758262.5, 109.8, 1.5);	(406887.5, 3758237.5, 110.8, 1.5);
(406887.5, 3758212.5, 111.7, 1.5);	(406887.5, 3758187.5, 111.5, 1.5);
(406887.5, 3758162.5, 111.5, 1.5);	(406887.5, 3758137.5, 111.7, 1.5);
(406912.5, 3758512.5, 114.6, 1.5);	(406912.5, 3758487.5, 115.0, 1.5);
(406912.5, 3758462.5, 115.0, 1.5);	(406912.5, 3758437.5, 116.0, 1.5);
(406912.5, 3758412.5, 117.5, 1.5);	(406912.5, 3758387.5, 118.0, 1.5);
(406912.5, 3758362.5, 117.0, 1.5);	(406912.5, 3758337.5, 115.9, 1.5);
(406912.5, 3758312.5, 111.6, 1.5);	(406912.5, 3758287.5, 109.0, 1.5);
(406912.5, 3758262.5, 111.9, 1.5);	(406912.5, 3758237.5, 114.5, 1.5);
(406912.5, 3758212.5, 114.9, 1.5);	(406912.5, 3758187.5, 114.5, 1.5);

• *** ISCSST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL PM emissions

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406912.5, 3758162.5, 114.5, 1.5);	(406912.5, 3758137.5, 114.5, 1.5);
(406937.5, 3758512.5, 116.0, 1.5);	(406937.5, 3758487.5, 116.0, 1.5);
(406937.5, 3758462.5, 115.9, 1.5);	(406937.5, 3758437.5, 116.0, 1.5);
(406937.5, 3758412.5, 117.9, 1.5);	(406937.5, 3758387.5, 118.0, 1.5);
(406937.5, 3758362.5, 117.0, 1.5);	(406937.5, 3758337.5, 115.2, 1.5);
(406937.5, 3758312.5, 111.9, 1.5);	(406937.5, 3758287.5, 113.4, 1.5);
(406937.5, 3758262.5, 116.2, 1.5);	(406937.5, 3758237.5, 118.8, 1.5);
(406937.5, 3758212.5, 119.5, 1.5);	(406937.5, 3758187.5, 119.5, 1.5);
(406937.5, 3758162.5, 118.9, 1.5);	(406937.5, 3758137.5, 117.7, 1.5);
(406962.5, 3758512.5, 118.5, 1.5);	(406962.5, 3758487.5, 118.5, 1.5);
(406962.5, 3758462.5, 118.5, 1.5);	(406962.5, 3758437.5, 118.3, 1.5);
(406962.5, 3758412.5, 119.2, 1.5);	(406962.5, 3758387.5, 118.9, 1.5);
(406962.5, 3758362.5, 116.3, 1.5);	(406962.5, 3758337.5, 114.9, 1.5);

Appendix B

PM Annual Emissions unmitigated

(406962.5, 3758312.5, 115.2, 1.5);	(406962.5, 3758287.5, 117.3, 1.5);
(406962.5, 3758262.5, 121.1, 1.5);	(406962.5, 3758237.5, 122.3, 1.5);
(406962.5, 3758212.5, 122.6, 1.5);	(406962.5, 3758187.5, 123.0, 1.5);
(406962.5, 3758162.5, 121.4, 1.5);	(406962.5, 3758137.5, 118.9, 1.5);
(406987.5, 3758512.5, 121.6, 1.5);	(406987.5, 3758487.5, 121.7, 1.5);
(406987.5, 3758462.5, 120.8, 1.5);	(406987.5, 3758437.5, 120.8, 1.5);
(406987.5, 3758412.5, 120.3, 1.5);	(406987.5, 3758387.5, 118.9, 1.5);
(406987.5, 3758362.5, 116.0, 1.5);	(406987.5, 3758337.5, 115.0, 1.5);
(406987.5, 3758312.5, 115.5, 1.5);	(406987.5, 3758287.5, 119.0, 1.5);
(406987.5, 3758262.5, 122.9, 1.5);	(406987.5, 3758237.5, 123.0, 1.5);
(406987.5, 3758212.5, 123.1, 1.5);	(406987.5, 3758187.5, 122.2, 1.5);
(406987.5, 3758162.5, 119.3, 1.5);	(406987.5, 3758137.5, 116.2, 1.5);
(407012.5, 3758512.5, 123.0, 1.5);	(407012.5, 3758487.5, 123.0, 1.5);
(407012.5, 3758462.5, 123.0, 1.5);	(407012.5, 3758437.5, 122.3, 1.5);
(407012.5, 3758412.5, 121.4, 1.5);	(407012.5, 3758387.5, 119.9, 1.5);
(407012.5, 3758362.5, 118.2, 1.5);	(407012.5, 3758337.5, 118.5, 1.5);
(407012.5, 3758312.5, 118.5, 1.5);	(407012.5, 3758287.5, 121.3, 1.5);
(407012.5, 3758262.5, 122.7, 1.5);	(407012.5, 3758237.5, 122.0, 1.5);
(407012.5, 3758212.5, 121.4, 1.5);	(407012.5, 3758187.5, 118.9, 1.5);
(407012.5, 3758162.5, 115.6, 1.5);	(407012.5, 3758137.5, 115.5, 1.5);
(407037.5, 3758512.5, 123.4, 1.5);	(407037.5, 3758487.5, 124.0, 1.5);
(407037.5, 3758462.5, 123.8, 1.5);	(407037.5, 3758437.5, 123.7, 1.5);
(407037.5, 3758412.5, 122.9, 1.5);	(407037.5, 3758387.5, 121.7, 1.5);
(407037.5, 3758362.5, 121.7, 1.5);	(407037.5, 3758337.5, 122.7, 1.5);
(407037.5, 3758312.5, 122.7, 1.5);	(407037.5, 3758287.5, 122.7, 1.5);
(407037.5, 3758262.5, 122.0, 1.5);	(407037.5, 3758237.5, 121.2, 1.5);
(407037.5, 3758212.5, 120.9, 1.5);	(407037.5, 3758187.5, 121.3, 1.5);
(407037.5, 3758162.5, 121.5, 1.5);	(407037.5, 3758137.5, 121.5, 1.5);
(407062.5, 3758512.5, 123.8, 1.5);	(407062.5, 3758487.5, 125.2, 1.5);
(407062.5, 3758462.5, 125.2, 1.5);	(407062.5, 3758437.5, 125.2, 1.5);
(407062.5, 3758412.5, 124.2, 1.5);	(407062.5, 3758387.5, 123.3, 1.5);
(407062.5, 3758362.5, 123.3, 1.5);	(407062.5, 3758337.5, 124.0, 1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(407062.5, 3758312.5, 124.0, 1.5);	(407062.5, 3758287.5, 123.2, 1.5);
(407062.5, 3758262.5, 122.6, 1.5);	(407062.5, 3758237.5, 122.0, 1.5);
(407062.5, 3758212.5, 122.6, 1.5);	(407062.5, 3758187.5, 123.0, 1.5);
(407062.5, 3758162.5, 123.0, 1.5);	(407062.5, 3758137.5, 123.0, 1.5);
(407087.5, 3758512.5, 126.3, 1.5);	(407087.5, 3758487.5, 127.0, 1.5);
(407087.5, 3758462.5, 127.7, 1.5);	(407087.5, 3758437.5, 126.9, 1.5);
(407087.5, 3758412.5, 126.3, 1.5);	(407087.5, 3758387.5, 125.8, 1.5);
(407087.5, 3758362.5, 125.8, 1.5);	(407087.5, 3758337.5, 125.8, 1.5);
(407087.5, 3758312.5, 125.8, 1.5);	(407087.5, 3758287.5, 125.7, 1.5);
(407087.5, 3758262.5, 124.8, 1.5);	(407087.5, 3758237.5, 123.7, 1.5);
(407087.5, 3758212.5, 123.7, 1.5);	(407087.5, 3758187.5, 124.0, 1.5);
(407087.5, 3758162.5, 124.0, 1.5);	(407087.5, 3758137.5, 124.0, 1.5);
(407112.5, 3758512.5, 127.8, 1.5);	(407112.5, 3758487.5, 129.2, 1.5);
(407112.5, 3758462.5, 129.2, 1.5);	(407112.5, 3758437.5, 129.2, 1.5);
(407112.5, 3758412.5, 128.1, 1.5);	(407112.5, 3758387.5, 127.0, 1.5);
(407112.5, 3758362.5, 127.0, 1.5);	(407112.5, 3758337.5, 127.0, 1.5);
(407112.5, 3758312.5, 127.1, 1.5);	(407112.5, 3758287.5, 127.3, 1.5);
(407112.5, 3758262.5, 127.1, 1.5);	(407112.5, 3758237.5, 126.2, 1.5);
(407112.5, 3758212.5, 126.1, 1.5);	(407112.5, 3758187.5, 126.0, 1.5);
(407112.5, 3758162.5, 125.2, 1.5);	(407112.5, 3758137.5, 124.2, 1.5);
(407137.5, 3758512.5, 130.3, 1.5);	(407137.5, 3758487.5, 132.6, 1.5);
(407137.5, 3758462.5, 132.6, 1.5);	(407137.5, 3758437.5, 130.8, 1.5);
(407137.5, 3758412.5, 129.8, 1.5);	(407137.5, 3758387.5, 128.7, 1.5);
(407137.5, 3758362.5, 128.0, 1.5);	(407137.5, 3758337.5, 128.7, 1.5);
(407137.5, 3758312.5, 128.7, 1.5);	(407137.5, 3758287.5, 129.8, 1.5);
(407137.5, 3758262.5, 128.8, 1.5);	(407137.5, 3758237.5, 128.7, 1.5);
(407137.5, 3758212.5, 127.3, 1.5);	(407137.5, 3758187.5, 127.7, 1.5);
(407137.5, 3758162.5, 127.7, 1.5);	(407137.5, 3758137.5, 126.7, 1.5);
(407162.5, 3758512.5, 132.4, 1.5);	(407162.5, 3758487.5, 134.6, 1.5);
(407162.5, 3758462.5, 136.0, 1.5);	(407162.5, 3758437.5, 133.2, 1.5);
(407162.5, 3758412.5, 131.7, 1.5);	(407162.5, 3758387.5, 131.2, 1.5);
(407162.5, 3758362.5, 130.2, 1.5);	(407162.5, 3758337.5, 130.2, 1.5);
(407162.5, 3758312.5, 131.2, 1.5);	(407162.5, 3758287.5, 131.2, 1.5);
(407162.5, 3758262.5, 131.2, 1.5);	(407162.5, 3758237.5, 131.5, 1.5);

Appendix B

PM Annual Emissions unmitigated

(407162.5, 3758212.5, 131.7, 1.5);	(407162.5, 3758187.5, 131.8, 1.5);
(407162.5, 3758162.5, 131.5, 1.5);	(407162.5, 3758137.5, 129.5, 1.5);
(407187.5, 3758512.5, 140.1, 1.5);	(407187.5, 3758487.5, 141.7, 1.5);
(407187.5, 3758462.5, 139.3, 1.5);	(407187.5, 3758437.5, 136.5, 1.5);
(407187.5, 3758412.5, 133.8, 1.5);	(407187.5, 3758387.5, 132.7, 1.5);
(407187.5, 3758362.5, 132.7, 1.5);	(407187.5, 3758337.5, 132.7, 1.5);
(407187.5, 3758312.5, 132.9, 1.5);	(407187.5, 3758287.5, 133.7, 1.5);
(407187.5, 3758262.5, 133.9, 1.5);	(407187.5, 3758237.5, 134.8, 1.5);
(407187.5, 3758212.5, 136.2, 1.5);	(407187.5, 3758187.5, 137.5, 1.5);
(407187.5, 3758162.5, 136.9, 1.5);	(407187.5, 3758137.5, 134.5, 1.5);
(407212.5, 3758512.5, 142.0, 1.5);	(407212.5, 3758487.5, 142.3, 1.5);

*** ICST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions

*** 07/29/11
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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

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*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(407212.5, 3758462.5, 141.1, 1.5);	(407212.5, 3758437.5, 140.9, 1.5);
(407212.5, 3758412.5, 137.7, 1.5);	(407212.5, 3758387.5, 135.2, 1.5);
(407212.5, 3758362.5, 135.1, 1.5);	(407212.5, 3758337.5, 135.0, 1.5);
(407212.5, 3758312.5, 135.1, 1.5);	(407212.5, 3758287.5, 135.2, 1.5);
(407212.5, 3758262.5, 136.1, 1.5);	(407212.5, 3758237.5, 137.0, 1.5);
(407212.5, 3758212.5, 139.8, 1.5);	(407212.5, 3758187.5, 141.0, 1.5);
(407212.5, 3758162.5, 140.5, 1.5);	(407212.5, 3758137.5, 136.9, 1.5);
(407237.5, 3758512.5, 143.0, 1.5);	(407237.5, 3758487.5, 143.7, 1.5);
(407237.5, 3758462.5, 143.7, 1.5);	(407237.5, 3758437.5, 142.7, 1.5);
(407237.5, 3758412.5, 140.2, 1.5);	(407237.5, 3758387.5, 137.7, 1.5);
(407237.5, 3758362.5, 136.7, 1.5);	(407237.5, 3758337.5, 136.7, 1.5);
(407237.5, 3758312.5, 137.2, 1.5);	(407237.5, 3758287.5, 137.7, 1.5);
(407237.5, 3758262.5, 137.9, 1.5);	(407237.5, 3758237.5, 138.0, 1.5);
(407237.5, 3758212.5, 140.1, 1.5);	(407237.5, 3758187.5, 140.2, 1.5);
(407237.5, 3758162.5, 138.7, 1.5);	(407237.5, 3758137.5, 136.2, 1.5);
(407262.5, 3758512.5, 144.2, 1.5);	(407262.5, 3758487.5, 145.0, 1.5);
(407262.5, 3758462.5, 145.1, 1.5);	(407262.5, 3758437.5, 146.3, 1.5);
(407262.5, 3758412.5, 144.8, 1.5);	(407262.5, 3758387.5, 139.9, 1.5);
(407262.5, 3758362.5, 138.3, 1.5);	(407262.5, 3758337.5, 138.3, 1.5);
(407262.5, 3758312.5, 139.2, 1.5);	(407262.5, 3758287.5, 139.3, 1.5);
(407262.5, 3758262.5, 140.0, 1.5);	(407262.5, 3758237.5, 139.2, 1.5);
(407262.5, 3758212.5, 138.3, 1.5);	(407262.5, 3758187.5, 137.7, 1.5);
(407262.5, 3758162.5, 136.6, 1.5);	(407262.5, 3758137.5, 134.7, 1.5);
(407287.5, 3758512.5, 146.3, 1.5);	(407287.5, 3758487.5, 145.8, 1.5);
(407287.5, 3758462.5, 146.9, 1.5);	(407287.5, 3758437.5, 147.7, 1.5);
(407287.5, 3758412.5, 146.9, 1.5);	(407287.5, 3758387.5, 142.5, 1.5);
(407287.5, 3758362.5, 139.3, 1.5);	(407287.5, 3758337.5, 140.0, 1.5);
(407287.5, 3758312.5, 140.8, 1.5);	(407287.5, 3758287.5, 141.0, 1.5);
(407287.5, 3758262.5, 141.0, 1.5);	(407287.5, 3758237.5, 139.0, 1.5);
(407287.5, 3758212.5, 135.9, 1.5);	(407287.5, 3758187.5, 135.2, 1.5);
(407287.5, 3758162.5, 135.8, 1.5);	(407287.5, 3758137.5, 134.0, 1.5);
(407312.5, 3758512.5, 150.1, 1.5);	(407312.5, 3758487.5, 151.2, 1.5);
(407312.5, 3758462.5, 149.7, 1.5);	(407312.5, 3758437.5, 148.9, 1.5);
(407312.5, 3758412.5, 147.9, 1.5);	(407312.5, 3758387.5, 144.9, 1.5);
(407312.5, 3758362.5, 140.6, 1.5);	(407312.5, 3758337.5, 140.0, 1.5);
(407312.5, 3758312.5, 140.8, 1.5);	(407312.5, 3758287.5, 140.7, 1.5);
(407312.5, 3758262.5, 139.2, 1.5);	(407312.5, 3758237.5, 135.7, 1.5);
(407312.5, 3758212.5, 133.7, 1.5);	(407312.5, 3758187.5, 133.7, 1.5);
(407312.5, 3758162.5, 135.0, 1.5);	(407312.5, 3758137.5, 135.2, 1.5);
(407337.5, 3758512.5, 153.3, 1.5);	(407337.5, 3758487.5, 152.9, 1.5);
(407337.5, 3758462.5, 151.4, 1.5);	(407337.5, 3758437.5, 149.7, 1.5);
(407337.5, 3758412.5, 147.9, 1.5);	(407337.5, 3758387.5, 145.9, 1.5);
(407337.5, 3758362.5, 140.5, 1.5);	(407337.5, 3758337.5, 139.2, 1.5);
(407337.5, 3758312.5, 138.3, 1.5);	(407337.5, 3758287.5, 137.2, 1.5);
(407337.5, 3758262.5, 135.8, 1.5);	(407337.5, 3758237.5, 134.2, 1.5);

*** ICST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions

*** 07/29/11
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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

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*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

Appendix B

PM Annual Emissions unmitigated

(407337.5, 3758212.5,	132.4,	1.5);	(407337.5, 3758187.5,	132.2,	1.5);
(407337.5, 3758162.5,	134.5,	1.5);	(407337.5, 3758137.5,	135.0,	1.5);
(407362.5, 3758512.5,	153.2,	1.5);	(407362.5, 3758487.5,	152.9,	1.5);
(407362.5, 3758462.5,	151.4,	1.5);	(407362.5, 3758437.5,	149.6,	1.5);
(407362.5, 3758412.5,	147.9,	1.5);	(407362.5, 3758387.5,	145.9,	1.5);
(407362.5, 3758362.5,	141.6,	1.5);	(407362.5, 3758337.5,	139.2,	1.5);
(407362.5, 3758312.5,	136.6,	1.5);	(407362.5, 3758287.5,	134.7,	1.5);
(407362.5, 3758262.5,	133.2,	1.5);	(407362.5, 3758237.5,	129.4,	1.5);
(407362.5, 3758212.5,	129.3,	1.5);	(407362.5, 3758187.5,	128.4,	1.5);
(407362.5, 3758162.5,	130.6,	1.5);	(407362.5, 3758137.5,	132.4,	1.5);
(407387.5, 3758512.5,	152.1,	1.5);	(407387.5, 3758487.5,	152.2,	1.5);
(407387.5, 3758462.5,	150.0,	1.5);	(407387.5, 3758437.5,	147.4,	1.5);
(407387.5, 3758412.5,	147.1,	1.5);	(407387.5, 3758387.5,	145.9,	1.5);
(407387.5, 3758362.5,	142.4,	1.5);	(407387.5, 3758337.5,	140.9,	1.5);
(407387.5, 3758312.5,	137.7,	1.5);	(407387.5, 3758287.5,	134.7,	1.5);
(407387.5, 3758262.5,	131.3,	1.5);	(407387.5, 3758237.5,	128.0,	1.5);
(407387.5, 3758212.5,	124.6,	1.5);	(407387.5, 3758187.5,	120.2,	1.5);
(407387.5, 3758162.5,	120.3,	1.5);	(407387.5, 3758137.5,	121.3,	1.5);
(407412.5, 3758512.5,	151.2,	1.5);	(407412.5, 3758487.5,	150.9,	1.5);
(407412.5, 3758462.5,	148.6,	1.5);	(407412.5, 3758437.5,	145.9,	1.5);
(407412.5, 3758412.5,	145.0,	1.5);	(407412.5, 3758387.5,	145.0,	1.5);
(407412.5, 3758362.5,	142.9,	1.5);	(407412.5, 3758337.5,	140.9,	1.5);
(407412.5, 3758312.5,	139.7,	1.5);	(407412.5, 3758287.5,	136.5,	1.5);
(407412.5, 3758262.5,	133.6,	1.5);	(407412.5, 3758237.5,	129.5,	1.5);
(407412.5, 3758212.5,	125.4,	1.5);	(407412.5, 3758187.5,	121.8,	1.5);
(407412.5, 3758162.5,	120.4,	1.5);	(407412.5, 3758137.5,	119.0,	1.5);
(407437.5, 3758512.5,	153.5,	1.5);	(407437.5, 3758487.5,	153.5,	1.5);
(407437.5, 3758462.5,	153.4,	1.5);	(407437.5, 3758437.5,	150.6,	1.5);
(407437.5, 3758412.5,	147.0,	1.5);	(407437.5, 3758387.5,	144.9,	1.5);
(407437.5, 3758362.5,	143.0,	1.5);	(407437.5, 3758337.5,	142.0,	1.5);
(407437.5, 3758312.5,	140.8,	1.5);	(407437.5, 3758287.5,	139.7,	1.5);
(407437.5, 3758262.5,	135.0,	1.5);	(407437.5, 3758237.5,	131.7,	1.5);
(407437.5, 3758212.5,	130.2,	1.5);	(407437.5, 3758187.5,	129.5,	1.5);
(407437.5, 3758162.5,	128.0,	1.5);	(407437.5, 3758137.5,	124.8,	1.5);
(407462.5, 3758512.5,	158.3,	1.5);	(407462.5, 3758487.5,	158.3,	1.5);
(407462.5, 3758462.5,	159.4,	1.5);	(407462.5, 3758437.5,	156.2,	1.5);
(407462.5, 3758412.5,	149.4,	1.5);	(407462.5, 3758387.5,	144.9,	1.5);
(407462.5, 3758362.5,	141.2,	1.5);	(407462.5, 3758337.5,	140.7,	1.5);
(407462.5, 3758312.5,	140.7,	1.5);	(407462.5, 3758287.5,	141.0,	1.5);
(407462.5, 3758262.5,	139.1,	1.5);	(407462.5, 3758237.5,	134.8,	1.5);
(407462.5, 3758212.5,	133.4,	1.5);	(407462.5, 3758187.5,	132.5,	1.5);
(407462.5, 3758162.5,	131.0,	1.5);	(407462.5, 3758137.5,	129.5,	1.5);
(407487.5, 3758512.5,	157.9,	1.5);	(407487.5, 3758487.5,	161.0,	1.5);
(407487.5, 3758462.5,	160.5,	1.5);	(407487.5, 3758437.5,	156.1,	1.5);
(407487.5, 3758412.5,	149.0,	1.5);	(407487.5, 3758387.5,	144.1,	1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions *** 11:18:22
 MODELOPTs: NOCALM * PAGE 22
 CONC URBAN ELEV FLGPOL

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(407487.5, 3758362.5,	140.8,	1.5);	(407487.5, 3758337.5,	140.0,	1.5);
(407487.5, 3758312.5,	140.0,	1.5);	(407487.5, 3758287.5,	140.8,	1.5);
(407487.5, 3758262.5,	140.8,	1.5);	(407487.5, 3758237.5,	139.8,	1.5);
(407487.5, 3758212.5,	138.6,	1.5);	(407487.5, 3758187.5,	136.5,	1.5);
(407487.5, 3758162.5,	135.5,	1.5);	(407487.5, 3758137.5,	134.5,	1.5);
(407512.5, 3758512.5,	149.8,	1.5);	(407512.5, 3758487.5,	150.9,	1.5);
(407512.5, 3758462.5,	153.7,	1.5);	(407512.5, 3758437.5,	151.4,	1.5);
(407512.5, 3758412.5,	146.0,	1.5);	(407512.5, 3758387.5,	142.6,	1.5);
(407512.5, 3758362.5,	140.8,	1.5);	(407512.5, 3758337.5,	142.3,	1.5);
(407512.5, 3758312.5,	142.4,	1.5);	(407512.5, 3758287.5,	142.3,	1.5);
(407512.5, 3758262.5,	142.3,	1.5);	(407512.5, 3758237.5,	141.2,	1.5);
(407512.5, 3758212.5,	141.2,	1.5);	(407512.5, 3758187.5,	140.5,	1.5);
(407512.5, 3758162.5,	140.0,	1.5);	(407512.5, 3758137.5,	138.3,	1.5);
(407537.5, 3758512.5,	0.0,	1.5);	(407537.5, 3758487.5,	0.0,	1.5);
(407537.5, 3758462.5,	0.0,	1.5);	(407537.5, 3758437.5,	0.0,	1.5);
(407537.5, 3758412.5,	0.0,	1.5);	(407537.5, 3758387.5,	0.0,	1.5);
(407537.5, 3758362.5,	0.0,	1.5);	(407537.5, 3758337.5,	0.0,	1.5);
(407537.5, 3758312.5,	0.0,	1.5);	(407537.5, 3758287.5,	0.0,	1.5);
(407537.5, 3758262.5,	0.0,	1.5);	(407537.5, 3758237.5,	0.0,	1.5);
(407537.5, 3758212.5,	0.0,	1.5);	(407537.5, 3758187.5,	0.0,	1.5);
(407537.5, 3758162.5,	0.0,	1.5);	(407537.5, 3758137.5,	0.0,	1.5);

Appendix B

PM Annual Emissions unmitigated

```
( 407762.5, 3758412.5, 0.0, 1.5); ( 407762.5, 3758387.5, 0.0, 1.5);
( 407762.5, 3758362.5, 0.0, 1.5); ( 407762.5, 3758337.5, 0.0, 1.5);
( 407762.5, 3758312.5, 0.0, 1.5); ( 407762.5, 3758287.5, 0.0, 1.5);
. *** ISCS T3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS ANNUAL PM emissions *** 11:18:22
**MODELOPTs: ** PAGE 24
CONC URBAN ELEV FLGPOL NOCALM
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

```
( 407762.5, 3758262.5, 0.0, 1.5); ( 407762.5, 3758237.5, 0.0, 1.5);
( 407762.5, 3758212.5, 0.0, 1.5); ( 407762.5, 3758187.5, 0.0, 1.5);
( 407762.5, 3758162.5, 0.0, 1.5); ( 407762.5, 3758137.5, 0.0, 1.5);
( 407787.5, 3758512.5, 0.0, 1.5); ( 407787.5, 3758487.5, 0.0, 1.5);
( 407787.5, 3758462.5, 0.0, 1.5); ( 407787.5, 3758437.5, 0.0, 1.5);
( 407787.5, 3758412.5, 0.0, 1.5); ( 407787.5, 3758387.5, 0.0, 1.5);
( 407787.5, 3758362.5, 0.0, 1.5); ( 407787.5, 3758337.5, 0.0, 1.5);
( 407787.5, 3758312.5, 0.0, 1.5); ( 407787.5, 3758287.5, 0.0, 1.5);
( 407787.5, 3758262.5, 0.0, 1.5); ( 407787.5, 3758237.5, 0.0, 1.5);
( 407787.5, 3758212.5, 0.0, 1.5); ( 407787.5, 3758187.5, 0.0, 1.5);
( 407787.5, 3758162.5, 0.0, 1.5); ( 407787.5, 3758137.5, 0.0, 1.5);
( 407812.5, 3758512.5, 0.0, 1.5); ( 407812.5, 3758487.5, 0.0, 1.5);
( 407812.5, 3758462.5, 0.0, 1.5); ( 407812.5, 3758437.5, 0.0, 1.5);
( 407812.5, 3758412.5, 0.0, 1.5); ( 407812.5, 3758387.5, 0.0, 1.5);
( 407812.5, 3758362.5, 0.0, 1.5); ( 407812.5, 3758337.5, 0.0, 1.5);
( 407812.5, 3758312.5, 0.0, 1.5); ( 407812.5, 3758287.5, 0.0, 1.5);
( 407812.5, 3758262.5, 0.0, 1.5); ( 407812.5, 3758237.5, 0.0, 1.5);
( 407812.5, 3758212.5, 0.0, 1.5); ( 407812.5, 3758187.5, 0.0, 1.5);
( 407812.5, 3758162.5, 0.0, 1.5); ( 407812.5, 3758137.5, 0.0, 1.5);
( 407837.5, 3758512.5, 0.0, 1.5); ( 407837.5, 3758487.5, 0.0, 1.5);
( 407837.5, 3758462.5, 0.0, 1.5); ( 407837.5, 3758437.5, 0.0, 1.5);
( 407837.5, 3758412.5, 0.0, 1.5); ( 407837.5, 3758387.5, 0.0, 1.5);
( 407837.5, 3758362.5, 0.0, 1.5); ( 407837.5, 3758337.5, 0.0, 1.5);
( 407837.5, 3758312.5, 0.0, 1.5); ( 407837.5, 3758287.5, 0.0, 1.5);
( 407837.5, 3758262.5, 0.0, 1.5); ( 407837.5, 3758237.5, 0.0, 1.5);
( 407837.5, 3758212.5, 0.0, 1.5); ( 407837.5, 3758187.5, 0.0, 1.5);
( 407837.5, 3758162.5, 0.0, 1.5); ( 407837.5, 3758137.5, 0.0, 1.5);
( 407862.5, 3758512.5, 0.0, 1.5); ( 407862.5, 3758487.5, 0.0, 1.5);
( 407862.5, 3758462.5, 0.0, 1.5); ( 407862.5, 3758437.5, 0.0, 1.5);
( 407862.5, 3758412.5, 0.0, 1.5); ( 407862.5, 3758387.5, 0.0, 1.5);
( 407862.5, 3758362.5, 0.0, 1.5); ( 407862.5, 3758337.5, 0.0, 1.5);
( 407862.5, 3758312.5, 0.0, 1.5); ( 407862.5, 3758287.5, 0.0, 1.5);
( 407862.5, 3758262.5, 0.0, 1.5); ( 407862.5, 3758237.5, 0.0, 1.5);
( 407862.5, 3758212.5, 0.0, 1.5); ( 407862.5, 3758187.5, 0.0, 1.5);
( 407862.5, 3758162.5, 0.0, 1.5); ( 407862.5, 3758137.5, 0.0, 1.5);
( 407887.5, 3758512.5, 0.0, 1.5); ( 407887.5, 3758487.5, 0.0, 1.5);
( 407887.5, 3758462.5, 0.0, 1.5); ( 407887.5, 3758437.5, 0.0, 1.5);
( 407887.5, 3758412.5, 0.0, 1.5); ( 407887.5, 3758387.5, 0.0, 1.5);
( 407887.5, 3758362.5, 0.0, 1.5); ( 407887.5, 3758337.5, 0.0, 1.5);
( 407887.5, 3758312.5, 0.0, 1.5); ( 407887.5, 3758287.5, 0.0, 1.5);
( 407887.5, 3758262.5, 0.0, 1.5); ( 407887.5, 3758237.5, 0.0, 1.5);
( 407887.5, 3758212.5, 0.0, 1.5); ( 407887.5, 3758187.5, 0.0, 1.5);
( 407887.5, 3758162.5, 0.0, 1.5); ( 407887.5, 3758137.5, 0.0, 1.5);
( 407912.5, 3758512.5, 0.0, 1.5); ( 407912.5, 3758487.5, 0.0, 1.5);
( 407912.5, 3758462.5, 0.0, 1.5); ( 407912.5, 3758437.5, 0.0, 1.5);
. *** ISCS T3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS ANNUAL PM emissions *** 11:18:22
**MODELOPTs: ** PAGE 25
CONC URBAN ELEV FLGPOL NOCALM
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

```
( 407912.5, 3758412.5, 0.0, 1.5); ( 407912.5, 3758387.5, 0.0, 1.5);
( 407912.5, 3758362.5, 0.0, 1.5); ( 407912.5, 3758337.5, 0.0, 1.5);
( 407912.5, 3758312.5, 0.0, 1.5); ( 407912.5, 3758287.5, 0.0, 1.5);
( 407912.5, 3758262.5, 0.0, 1.5); ( 407912.5, 3758237.5, 0.0, 1.5);
( 407912.5, 3758212.5, 0.0, 1.5); ( 407912.5, 3758187.5, 0.0, 1.5);
( 407912.5, 3758162.5, 0.0, 1.5); ( 407912.5, 3758137.5, 0.0, 1.5);
( 407937.5, 3758512.5, 0.0, 1.5); ( 407937.5, 3758487.5, 0.0, 1.5);
( 407937.5, 3758462.5, 0.0, 1.5); ( 407937.5, 3758437.5, 0.0, 1.5);
```

Appendix B

PM Annual Emissions unmitigated

(407937.5, 3758412.5, 0.0, 1.5); (407937.5, 3758387.5, 0.0, 1.5);
(407937.5, 3758362.5, 0.0, 1.5); (407937.5, 3758337.5, 0.0, 1.5);
(407937.5, 3758312.5, 0.0, 1.5); (407937.5, 3758287.5, 0.0, 1.5);
(407937.5, 3758262.5, 0.0, 1.5); (407937.5, 3758237.5, 0.0, 1.5);
(407937.5, 3758212.5, 0.0, 1.5); (407937.5, 3758187.5, 0.0, 1.5);
(407937.5, 3758162.5, 0.0, 1.5); (407937.5, 3758137.5, 0.0, 1.5);
(407962.5, 3758512.5, 0.0, 1.5); (407962.5, 3758487.5, 0.0, 1.5);
(407962.5, 3758462.5, 0.0, 1.5); (407962.5, 3758437.5, 0.0, 1.5);
(407962.5, 3758412.5, 0.0, 1.5); (407962.5, 3758387.5, 0.0, 1.5);
(407962.5, 3758362.5, 0.0, 1.5); (407962.5, 3758337.5, 0.0, 1.5);
(407962.5, 3758312.5, 0.0, 1.5); (407962.5, 3758287.5, 0.0, 1.5);
(407962.5, 3758262.5, 0.0, 1.5); (407962.5, 3758237.5, 0.0, 1.5);
(407962.5, 3758212.5, 0.0, 1.5); (407962.5, 3758187.5, 0.0, 1.5);
(407962.5, 3758162.5, 0.0, 1.5); (407962.5, 3758137.5, 0.0, 1.5);
(407987.5, 3758512.5, 0.0, 1.5); (407987.5, 3758487.5, 0.0, 1.5);
(407987.5, 3758462.5, 0.0, 1.5); (407987.5, 3758437.5, 0.0, 1.5);
(407987.5, 3758412.5, 0.0, 1.5); (407987.5, 3758387.5, 0.0, 1.5);
(407987.5, 3758362.5, 0.0, 1.5); (407987.5, 3758337.5, 0.0, 1.5);
(407987.5, 3758312.5, 0.0, 1.5); (407987.5, 3758287.5, 0.0, 1.5);
(407987.5, 3758262.5, 0.0, 1.5); (407987.5, 3758237.5, 0.0, 1.5);
(407987.5, 3758212.5, 0.0, 1.5); (407987.5, 3758187.5, 0.0, 1.5);
(407987.5, 3758162.5, 0.0, 1.5); (407987.5, 3758137.5, 0.0, 1.5);
(408012.5, 3758512.5, 0.0, 1.5); (408012.5, 3758487.5, 0.0, 1.5);
(408012.5, 3758462.5, 0.0, 1.5); (408012.5, 3758437.5, 0.0, 1.5);
(408012.5, 3758412.5, 0.0, 1.5); (408012.5, 3758387.5, 0.0, 1.5);
(408012.5, 3758362.5, 0.0, 1.5); (408012.5, 3758337.5, 0.0, 1.5);
(408012.5, 3758312.5, 0.0, 1.5); (408012.5, 3758287.5, 0.0, 1.5);
(408012.5, 3758262.5, 0.0, 1.5); (408012.5, 3758237.5, 0.0, 1.5);
(408012.5, 3758212.5, 0.0, 1.5); (408012.5, 3758187.5, 0.0, 1.5);
(408012.5, 3758162.5, 0.0, 1.5); (408012.5, 3758137.5, 0.0, 1.5);
(408012.5, 3758112.5, 0.0, 1.5); (408012.5, 3758087.5, 0.0, 1.5);
(408037.5, 3758512.5, 0.0, 1.5); (408037.5, 3758487.5, 0.0, 1.5);
(408037.5, 3758462.5, 0.0, 1.5); (408037.5, 3758437.5, 0.0, 1.5);
(408037.5, 3758412.5, 0.0, 1.5); (408037.5, 3758387.5, 0.0, 1.5);
(408037.5, 3758362.5, 0.0, 1.5); (408037.5, 3758337.5, 0.0, 1.5);
(408037.5, 3758312.5, 0.0, 1.5); (408037.5, 3758287.5, 0.0, 1.5);
(408037.5, 3758262.5, 0.0, 1.5); (408037.5, 3758237.5, 0.0, 1.5);
(408037.5, 3758212.5, 0.0, 1.5); (408037.5, 3758187.5, 0.0, 1.5);

. *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS ANNUAL PM emissions *** 11:18:22
**MODELOPTs: PAGE 26
CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(408037.5, 3758162.5, 0.0, 1.5); (408037.5, 3758137.5, 0.0, 1.5);
(408062.5, 3758512.5, 0.0, 1.5); (408062.5, 3758487.5, 0.0, 1.5);
(408062.5, 3758462.5, 0.0, 1.5); (408062.5, 3758437.5, 0.0, 1.5);
(408062.5, 3758412.5, 0.0, 1.5); (408062.5, 3758387.5, 0.0, 1.5);
(408062.5, 3758362.5, 0.0, 1.5); (408062.5, 3758337.5, 0.0, 1.5);
(408062.5, 3758312.5, 0.0, 1.5); (408062.5, 3758287.5, 0.0, 1.5);
(408062.5, 3758262.5, 0.0, 1.5); (408062.5, 3758237.5, 0.0, 1.5);
(408062.5, 3758212.5, 0.0, 1.5); (408062.5, 3758187.5, 0.0, 1.5);
(408062.5, 3758162.5, 0.0, 1.5); (408062.5, 3758137.5, 0.0, 1.5);
(408087.5, 3758512.5, 0.0, 1.5); (408087.5, 3758487.5, 0.0, 1.5);
(408087.5, 3758462.5, 0.0, 1.5); (408087.5, 3758437.5, 0.0, 1.5);
(408087.5, 3758412.5, 0.0, 1.5); (408087.5, 3758387.5, 0.0, 1.5);
(408087.5, 3758362.5, 0.0, 1.5); (408087.5, 3758337.5, 0.0, 1.5);
(408087.5, 3758312.5, 0.0, 1.5); (408087.5, 3758287.5, 0.0, 1.5);
(408087.5, 3758262.5, 0.0, 1.5); (408087.5, 3758237.5, 0.0, 1.5);
(408087.5, 3758212.5, 0.0, 1.5); (408087.5, 3758187.5, 0.0, 1.5);
(408087.5, 3758162.5, 0.0, 1.5); (408087.5, 3758137.5, 0.0, 1.5);
(408112.5, 3758512.5, 0.0, 1.5); (408112.5, 3758487.5, 0.0, 1.5);
(408112.5, 3758462.5, 0.0, 1.5); (408112.5, 3758437.5, 0.0, 1.5);
(408112.5, 3758412.5, 0.0, 1.5); (408112.5, 3758387.5, 0.0, 1.5);
(408112.5, 3758362.5, 0.0, 1.5); (408112.5, 3758337.5, 0.0, 1.5);
(408112.5, 3758312.5, 0.0, 1.5); (408112.5, 3758287.5, 0.0, 1.5);
(408112.5, 3758262.5, 0.0, 1.5); (408112.5, 3758237.5, 0.0, 1.5);
(408112.5, 3758212.5, 0.0, 1.5); (408112.5, 3758187.5, 0.0, 1.5);
(408112.5, 3758162.5, 0.0, 1.5); (408112.5, 3758137.5, 0.0, 1.5);
(405962.5, 3758562.5, 93.0, 1.5); (406012.5, 3758562.5, 94.6, 1.5);
(406062.5, 3758562.5, 95.6, 1.5); (406112.5, 3758562.5, 97.0, 1.5);
(406162.5, 3758562.5, 98.3, 1.5); (406212.5, 3758562.5, 100.1, 1.5);
(406262.5, 3758562.5, 102.3, 1.5); (406312.5, 3758562.5, 104.1, 1.5);

Appendix B

PM Annual Emissions unmitigated

(406362.5, 3758562.5, 105.2, 1.5);	(406412.5, 3758562.5, 107.0, 1.5);
(406462.5, 3758562.5, 108.1, 1.5);	(405962.5, 3760012.5, 228.9, 1.5);
(405962.5, 3759962.5, 226.7, 1.5);	(405962.5, 3759912.5, 220.6, 1.5);
(405962.5, 3759862.5, 203.9, 1.5);	(405962.5, 3759812.5, 193.4, 1.5);
(405962.5, 3759762.5, 189.1, 1.5);	(405962.5, 3759712.5, 171.9, 1.5);
(405962.5, 3759662.5, 164.7, 1.5);	(405962.5, 3759612.5, 159.7, 1.5);
(405962.5, 3759562.5, 157.0, 1.5);	(405962.5, 3759512.5, 160.4, 1.5);
(405962.5, 3759462.5, 159.7, 1.5);	(405962.5, 3759412.5, 153.9, 1.5);
(405962.5, 3759362.5, 143.8, 1.5);	(405962.5, 3759312.5, 134.1, 1.5);
(405962.5, 3759262.5, 124.2, 1.5);	(405962.5, 3759212.5, 116.4, 1.5);
(405962.5, 3759162.5, 114.5, 1.5);	(405962.5, 3759112.5, 112.4, 1.5);
(405962.5, 3759062.5, 110.0, 1.5);	(405962.5, 3759012.5, 108.6, 1.5);
(405962.5, 3758962.5, 107.3, 1.5);	(405962.5, 3758912.5, 105.1, 1.5);
(405962.5, 3758862.5, 103.6, 1.5);	(405962.5, 3758812.5, 102.0, 1.5);
(405962.5, 3758762.5, 99.6, 1.5);	(405962.5, 3758712.5, 98.0, 1.5);
(405962.5, 3758662.5, 96.1, 1.5);	(405962.5, 3758612.5, 95.0, 1.5);

*** ISCS T3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11
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 CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406012.5, 3760012.5, 227.1, 1.5);	(406012.5, 3759962.5, 216.2, 1.5);
(406012.5, 3759912.5, 200.3, 1.5);	(406012.5, 3759862.5, 198.9, 1.5);
(406012.5, 3759812.5, 192.1, 1.5);	(406012.5, 3759762.5, 189.3, 1.5);
(406012.5, 3759712.5, 185.9, 1.5);	(406012.5, 3759662.5, 166.7, 1.5);
(406012.5, 3759612.5, 163.4, 1.5);	(406012.5, 3759562.5, 160.7, 1.5);
(406012.5, 3759512.5, 160.8, 1.5);	(406012.5, 3759462.5, 155.5, 1.5);
(406012.5, 3759412.5, 147.6, 1.5);	(406012.5, 3759362.5, 141.4, 1.5);
(406012.5, 3759312.5, 133.4, 1.5);	(406012.5, 3759262.5, 127.0, 1.5);
(406012.5, 3759212.5, 116.9, 1.5);	(406012.5, 3759162.5, 116.0, 1.5);
(406012.5, 3759112.5, 114.1, 1.5);	(406012.5, 3759062.5, 111.6, 1.5);
(406012.5, 3759012.5, 109.6, 1.5);	(406012.5, 3758962.5, 109.1, 1.5);
(406012.5, 3758912.5, 107.1, 1.5);	(406012.5, 3758862.5, 104.5, 1.5);
(406012.5, 3758812.5, 102.6, 1.5);	(406012.5, 3758762.5, 101.1, 1.5);
(406012.5, 3758712.5, 99.0, 1.5);	(406012.5, 3758662.5, 97.0, 1.5);
(406012.5, 3758612.5, 95.6, 1.5);	(406062.5, 3760012.5, 211.4, 1.5);
(406062.5, 3759812.5, 167.0, 1.5);	(406062.5, 3759762.5, 164.6, 1.5);
(406062.5, 3759712.5, 168.0, 1.5);	(406062.5, 3759662.5, 160.9, 1.5);
(406062.5, 3759612.5, 160.0, 1.5);	(406062.5, 3759562.5, 151.0, 1.5);
(406062.5, 3759512.5, 143.5, 1.5);	(406062.5, 3759462.5, 141.4, 1.5);
(406062.5, 3759412.5, 136.6, 1.5);	(406062.5, 3759362.5, 131.2, 1.5);
(406062.5, 3759312.5, 129.1, 1.5);	(406062.5, 3759262.5, 120.6, 1.5);
(406062.5, 3759212.5, 119.6, 1.5);	(406062.5, 3759162.5, 118.0, 1.5);
(406062.5, 3759112.5, 116.0, 1.5);	(406062.5, 3759062.5, 114.0, 1.5);
(406062.5, 3759012.5, 112.3, 1.5);	(406062.5, 3758962.5, 111.0, 1.5);
(406062.5, 3758912.5, 108.6, 1.5);	(406062.5, 3758862.5, 106.3, 1.5);
(406062.5, 3758812.5, 104.5, 1.5);	(406062.5, 3758762.5, 102.1, 1.5);
(406062.5, 3758712.5, 100.1, 1.5);	(406062.5, 3758662.5, 98.1, 1.5);
(406062.5, 3758612.5, 97.0, 1.5);	(406112.5, 3760012.5, 187.6, 1.5);
(406112.5, 3759812.5, 147.9, 1.5);	(406112.5, 3759762.5, 147.3, 1.5);
(406112.5, 3759712.5, 145.7, 1.5);	(406112.5, 3759662.5, 143.9, 1.5);
(406112.5, 3759612.5, 143.0, 1.5);	(406112.5, 3759562.5, 142.0, 1.5);
(406112.5, 3759512.5, 140.7, 1.5);	(406112.5, 3759462.5, 131.5, 1.5);
(406112.5, 3759412.5, 128.7, 1.5);	(406112.5, 3759362.5, 127.5, 1.5);
(406112.5, 3759312.5, 127.3, 1.5);	(406112.5, 3759262.5, 125.7, 1.5);
(406112.5, 3759212.5, 122.1, 1.5);	(406112.5, 3759162.5, 120.1, 1.5);
(406112.5, 3759112.5, 118.1, 1.5);	(406112.5, 3759062.5, 116.0, 1.5);
(406112.5, 3759012.5, 115.0, 1.5);	(406112.5, 3758962.5, 112.6, 1.5);
(406112.5, 3758912.5, 110.6, 1.5);	(406112.5, 3758862.5, 108.6, 1.5);
(406112.5, 3758812.5, 106.0, 1.5);	(406112.5, 3758762.5, 103.6, 1.5);
(406112.5, 3758712.5, 101.6, 1.5);	(406112.5, 3758662.5, 99.6, 1.5);
(406112.5, 3758612.5, 98.0, 1.5);	(406162.5, 3760012.5, 159.1, 1.5);
(406162.5, 3759812.5, 152.2, 1.5);	(406162.5, 3759462.5, 135.8, 1.5);
(406162.5, 3759412.5, 139.3, 1.5);	(406162.5, 3759362.5, 137.3, 1.5);
(406162.5, 3759312.5, 136.2, 1.5);	(406162.5, 3759262.5, 128.6, 1.5);
(406162.5, 3759212.5, 124.6, 1.5);	(406162.5, 3759162.5, 122.1, 1.5);

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Appendix B

PM Annual Emissions unmitigated

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406162.5, 3759112.5, 120.0, 1.5);	(406162.5, 3759062.5, 118.0, 1.5);
(406162.5, 3759012.5, 116.6, 1.5);	(406162.5, 3758962.5, 115.1, 1.5);
(406162.5, 3758912.5, 112.0, 1.5);	(406162.5, 3758862.5, 110.0, 1.5);
(406162.5, 3758812.5, 107.4, 1.5);	(406162.5, 3758762.5, 104.6, 1.5);
(406162.5, 3758712.5, 102.4, 1.5);	(406162.5, 3758662.5, 101.0, 1.5);
(406162.5, 3758612.5, 99.2, 1.5);	(406212.5, 3759412.5, 147.3, 1.5);
(406212.5, 3759362.5, 144.6, 1.5);	(406212.5, 3759312.5, 138.4, 1.5);
(406212.5, 3759262.5, 132.1, 1.5);	(406212.5, 3759212.5, 126.6, 1.5);
(406212.5, 3759162.5, 123.6, 1.5);	(406212.5, 3759112.5, 121.6, 1.5);
(406212.5, 3759062.5, 120.0, 1.5);	(406212.5, 3759012.5, 117.6, 1.5);
(406212.5, 3758962.5, 116.0, 1.5);	(406212.5, 3758912.5, 113.1, 1.5);
(406212.5, 3758862.5, 110.6, 1.5);	(406212.5, 3758812.5, 108.4, 1.5);
(406212.5, 3758762.5, 105.1, 1.5);	(406212.5, 3758712.5, 103.1, 1.5);
(406212.5, 3758662.5, 102.0, 1.5);	(406212.5, 3758612.5, 101.1, 1.5);
(406262.5, 3759412.5, 152.2, 1.5);	(406262.5, 3759362.5, 144.2, 1.5);
(406262.5, 3759312.5, 138.1, 1.5);	(406262.5, 3759262.5, 134.1, 1.5);
(406262.5, 3759212.5, 128.4, 1.5);	(406262.5, 3759162.5, 125.5, 1.5);
(406262.5, 3759112.5, 123.0, 1.5);	(406262.5, 3759062.5, 121.0, 1.5);
(406262.5, 3759012.5, 118.0, 1.5);	(406262.5, 3758962.5, 116.0, 1.5);
(406262.5, 3758912.5, 113.4, 1.5);	(406262.5, 3758862.5, 110.5, 1.5);
(406262.5, 3758812.5, 108.4, 1.5);	(406262.5, 3758762.5, 106.0, 1.5);
(406262.5, 3758712.5, 104.6, 1.5);	(406262.5, 3758662.5, 103.1, 1.5);
(406262.5, 3758612.5, 102.6, 1.5);	(406312.5, 3759412.5, 155.0, 1.5);
(406312.5, 3759362.5, 149.0, 1.5);	(406312.5, 3759312.5, 139.7, 1.5);
(406312.5, 3759262.5, 135.5, 1.5);	(406312.5, 3759212.5, 130.5, 1.5);
(406312.5, 3759162.5, 126.6, 1.5);	(406312.5, 3759112.5, 123.4, 1.5);
(406312.5, 3759062.5, 121.0, 1.5);	(406312.5, 3759012.5, 118.4, 1.5);
(406312.5, 3758962.5, 115.5, 1.5);	(406312.5, 3758912.5, 113.0, 1.5);
(406312.5, 3758862.5, 111.0, 1.5);	(406312.5, 3758812.5, 109.0, 1.5);
(406312.5, 3758762.5, 107.0, 1.5);	(406312.5, 3758712.5, 105.1, 1.5);
(406312.5, 3758662.5, 104.6, 1.5);	(406312.5, 3758612.5, 104.2, 1.5);
(406362.5, 3759412.5, 148.7, 1.5);	(406362.5, 3759362.5, 146.9, 1.5);
(406362.5, 3759312.5, 139.4, 1.5);	(406362.5, 3759262.5, 134.3, 1.5);
(406362.5, 3759212.5, 131.0, 1.5);	(406362.5, 3759162.5, 127.1, 1.5);
(406362.5, 3759112.5, 124.1, 1.5);	(406362.5, 3759062.5, 121.4, 1.5);
(406362.5, 3759012.5, 118.6, 1.5);	(406362.5, 3758962.5, 116.0, 1.5);
(406362.5, 3758912.5, 113.4, 1.5);	(406362.5, 3758862.5, 110.3, 1.5);
(406362.5, 3758812.5, 108.7, 1.5);	(406362.5, 3758762.5, 107.6, 1.5);
(406362.5, 3758712.5, 107.0, 1.5);	(406362.5, 3758662.5, 106.6, 1.5);
(406362.5, 3758612.5, 106.0, 1.5);	(406412.5, 3759312.5, 138.0, 1.5);
(406412.5, 3759262.5, 135.0, 1.5);	(406412.5, 3759212.5, 131.6, 1.5);
(406412.5, 3759162.5, 127.4, 1.5);	(406412.5, 3759112.5, 124.4, 1.5);
(406412.5, 3759062.5, 121.8, 1.5);	(406412.5, 3759012.5, 119.5, 1.5);
(406412.5, 3758962.5, 116.4, 1.5);	(406412.5, 3758912.5, 113.4, 1.5);
(406412.5, 3758862.5, 109.3, 1.5);	(406412.5, 3758812.5, 108.6, 1.5);

• *** ISCS3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions

**MODELOPTs:
 CONC URBAN ELEV FLGPOL NOCALM

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*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406412.5, 3758762.5, 108.6, 1.5);	(406412.5, 3758712.5, 109.0, 1.5);
(406412.5, 3758662.5, 109.0, 1.5);	(406412.5, 3758612.5, 108.0, 1.5);
(406462.5, 3759312.5, 138.0, 1.5);	(406462.5, 3759262.5, 135.1, 1.5);
(406462.5, 3759212.5, 131.4, 1.5);	(406462.5, 3759162.5, 127.4, 1.5);
(406462.5, 3759112.5, 124.4, 1.5);	(406462.5, 3759062.5, 121.0, 1.5);
(406462.5, 3759012.5, 119.5, 1.5);	(406462.5, 3758962.5, 117.1, 1.5);
(406462.5, 3758912.5, 114.7, 1.5);	(406462.5, 3758862.5, 110.2, 1.5);
(406462.5, 3758812.5, 109.6, 1.5);	(406462.5, 3758762.5, 110.6, 1.5);
(406462.5, 3758712.5, 110.6, 1.5);	(406462.5, 3758662.5, 110.0, 1.5);
(406462.5, 3758612.5, 109.0, 1.5);	(406512.5, 3759262.5, 136.0, 1.5);
(406512.5, 3759212.5, 132.1, 1.5);	(406512.5, 3759162.5, 127.4, 1.5);
(406512.5, 3759112.5, 125.0, 1.5);	(406512.5, 3759062.5, 122.6, 1.5);
(406512.5, 3759012.5, 120.1, 1.5);	(406512.5, 3758962.5, 117.3, 1.5);
(406512.5, 3758912.5, 115.5, 1.5);	(406512.5, 3758862.5, 113.3, 1.5);
(406512.5, 3758812.5, 114.2, 1.5);	(406512.5, 3758762.5, 113.6, 1.5);
(406512.5, 3758712.5, 113.0, 1.5);	(406512.5, 3758662.5, 112.0, 1.5);

Appendix B

PM Annual Emissions unmitigated

(406512.5, 3758612.5, 110.6, 1.5);	(406537.5, 3758562.5, 110.0, 1.5);
(406562.5, 3759262.5, 137.4, 1.5);	(406562.5, 3759212.5, 133.6, 1.5);
(406562.5, 3759162.5, 129.7, 1.5);	(406562.5, 3759112.5, 126.6, 1.5);
(406562.5, 3759062.5, 124.0, 1.5);	(406562.5, 3759012.5, 121.4, 1.5);
(406562.5, 3758962.5, 116.7, 1.5);	(406562.5, 3758912.5, 116.3, 1.5);
(406562.5, 3758862.5, 117.3, 1.5);	(406562.5, 3758812.5, 117.0, 1.5);
(406562.5, 3758762.5, 116.0, 1.5);	(406562.5, 3758712.5, 115.0, 1.5);
(406562.5, 3758662.5, 113.6, 1.5);	(406562.5, 3758612.5, 112.0, 1.5);
(406587.5, 3758562.5, 110.5, 1.5);	(406612.5, 3759212.5, 136.4, 1.5);
(406612.5, 3759162.5, 132.6, 1.5);	(406612.5, 3759112.5, 128.6, 1.5);
(406612.5, 3759062.5, 125.5, 1.5);	(406612.5, 3759012.5, 121.4, 1.5);
(406612.5, 3758962.5, 121.1, 1.5);	(406612.5, 3758912.5, 121.1, 1.5);
(406612.5, 3758862.5, 120.6, 1.5);	(406612.5, 3758812.5, 119.1, 1.5);
(406612.5, 3758762.5, 117.4, 1.5);	(406612.5, 3758712.5, 116.1, 1.5);
(406612.5, 3758662.5, 114.5, 1.5);	(406637.5, 3758562.5, 110.0, 1.5);
(406662.5, 3759162.5, 133.4, 1.5);	(406662.5, 3759112.5, 128.8, 1.5);
(406662.5, 3759062.5, 127.1, 1.5);	(406662.5, 3759012.5, 124.2, 1.5);
(406662.5, 3758962.5, 124.8, 1.5);	(406662.5, 3758912.5, 124.1, 1.5);
(406662.5, 3758862.5, 122.6, 1.5);	(406662.5, 3758812.5, 120.5, 1.5);
(406662.5, 3758762.5, 118.0, 1.5);	(406662.5, 3758712.5, 116.0, 1.5);
(406687.5, 3758562.5, 111.2, 1.5);	(406712.5, 3759162.5, 133.4, 1.5);
(406712.5, 3759112.5, 130.2, 1.5);	(406712.5, 3759062.5, 132.9, 1.5);
(406712.5, 3759012.5, 130.1, 1.5);	(406712.5, 3758962.5, 129.0, 1.5);
(406712.5, 3758912.5, 125.5, 1.5);	(406712.5, 3758862.5, 122.3, 1.5);
(406712.5, 3758612.5, 115.6, 1.5);	(406737.5, 3758562.5, 112.0, 1.5);
(406762.5, 3759062.5, 139.6, 1.5);	(406762.5, 3759012.5, 133.6, 1.5);
(406762.5, 3758962.5, 129.4, 1.5);	(406762.5, 3758912.5, 124.9, 1.5);
(406762.5, 3758662.5, 118.8, 1.5);	(406762.5, 3758612.5, 115.3, 1.5);
(406787.5, 3758562.5, 112.9, 1.5);	(406812.5, 3759012.5, 135.9, 1.5);

*** ICST3 - VERSION 02035 *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406812.5, 3758962.5, 129.2, 1.5);	(406812.5, 3758712.5, 122.1, 1.5);
(406812.5, 3758662.5, 119.6, 1.5);	(406812.5, 3758612.5, 117.0, 1.5);
(406837.5, 3758562.5, 109.0, 1.5);	(406862.5, 3758762.5, 124.6, 1.5);
(406862.5, 3758712.5, 123.0, 1.5);	(406862.5, 3758662.5, 120.0, 1.5);
(406862.5, 3758612.5, 115.2, 1.5);	(406887.5, 3758562.5, 115.1, 1.5);
(406912.5, 3758762.5, 125.5, 1.5);	(406912.5, 3758712.5, 121.8, 1.5);
(406912.5, 3758662.5, 118.4, 1.5);	(406912.5, 3758612.5, 112.7, 1.5);
(406937.5, 3758562.5, 116.4, 1.5);	(406962.5, 3758762.5, 125.5, 1.5);
(406962.5, 3758712.5, 121.4, 1.5);	(406962.5, 3758662.5, 117.4, 1.5);
(406962.5, 3758612.5, 116.0, 1.5);	(406987.5, 3758562.5, 119.9, 1.5);
(407012.5, 3758712.5, 122.2, 1.5);	(407012.5, 3758662.5, 115.5, 1.5);
(407012.5, 3758612.5, 117.5, 1.5);	(407037.5, 3758562.5, 121.9, 1.5);
(407062.5, 3758662.5, 115.1, 1.5);	(407062.5, 3758612.5, 120.9, 1.5);
(407087.5, 3758562.5, 124.0, 1.5);	(407112.5, 3758662.5, 120.9, 1.5);
(407112.5, 3758612.5, 124.2, 1.5);	(407137.5, 3758562.5, 127.0, 1.5);
(407162.5, 3758662.5, 128.3, 1.5);	(407162.5, 3758612.5, 127.0, 1.5);
(407187.5, 3758562.5, 134.0, 1.5);	(407212.5, 3758662.5, 132.7, 1.5);
(407212.5, 3758612.5, 134.5, 1.5);	(407237.5, 3758562.5, 139.5, 1.5);
(407262.5, 3758662.5, 137.3, 1.5);	(407262.5, 3758612.5, 137.3, 1.5);
(407287.5, 3758562.5, 140.1, 1.5);	(407312.5, 3758662.5, 142.3, 1.5);
(407312.5, 3758612.5, 141.2, 1.5);	(407337.5, 3758562.5, 144.9, 1.5);
(407362.5, 3758662.5, 147.6, 1.5);	(407362.5, 3758612.5, 146.2, 1.5);
(407387.5, 3758562.5, 149.1, 1.5);	(407412.5, 3758662.5, 151.6, 1.5);
(407412.5, 3758612.5, 152.6, 1.5);	(407437.5, 3758562.5, 154.5, 1.5);
(407462.5, 3758662.5, 153.8, 1.5);	(407462.5, 3758612.5, 154.2, 1.5);
(407487.5, 3758562.5, 152.9, 1.5);	(407512.5, 3758662.5, 147.4, 1.5);
(407512.5, 3758612.5, 145.4, 1.5);	(407537.5, 3758562.5, 0.0, 1.5);
(407562.5, 3758662.5, 0.0, 1.5);	(407562.5, 3758612.5, 0.0, 1.5);
(407587.5, 3758562.5, 0.0, 1.5);	(407612.5, 3758662.5, 0.0, 1.5);
(407612.5, 3758612.5, 0.0, 1.5);	(407637.5, 3758562.5, 0.0, 1.5);
(407662.5, 3758612.5, 0.0, 1.5);	(407687.5, 3758562.5, 0.0, 1.5);
(407712.5, 3758612.5, 0.0, 1.5);	(407737.5, 3758562.5, 0.0, 1.5);
(407762.5, 3758612.5, 0.0, 1.5);	(407787.5, 3758562.5, 0.0, 1.5);
(407812.5, 3758612.5, 0.0, 1.5);	(407837.5, 3758562.5, 0.0, 1.5);
(407862.5, 3758612.5, 0.0, 1.5);	(407887.5, 3758562.5, 0.0, 1.5);
(407912.5, 3758612.5, 0.0, 1.5);	(407937.5, 3758562.5, 0.0, 1.5);
(407962.5, 3758612.5, 0.0, 1.5);	(407987.5, 3758562.5, 0.0, 1.5);

Appendix B

PM Annual Emissions unmitigated

(408012.5, 3758612.5, 0.0, 1.5);	(408037.5, 3758562.5, 0.0, 1.5);
(408062.5, 3758612.5, 0.0, 1.5);	(408087.5, 3758562.5, 0.0, 1.5);
(408112.5, 3758612.5, 0.0, 1.5);	(405962.5, 3758537.5, 92.3, 1.5);
(405987.5, 3758562.5, 93.8, 1.5);	(406037.5, 3758562.5, 95.0, 1.5);
(406087.5, 3758562.5, 96.0, 1.5);	(406137.5, 3758562.5, 97.9, 1.5);
(406187.5, 3758562.5, 99.0, 1.5);	(406237.5, 3758562.5, 101.3, 1.5);
(406287.5, 3758562.5, 103.4, 1.5);	(406337.5, 3758562.5, 105.0, 1.5);
(406387.5, 3758562.5, 106.0, 1.5);	(406437.5, 3758562.5, 107.7, 1.5);

• *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions *** 11:18:22

**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 31
 CONC

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406487.5, 3758562.5, 109.0, 1.5);	(406537.5, 3758537.5, 109.0, 1.5);
(406587.5, 3758537.5, 109.7, 1.5);	(406637.5, 3758537.5, 109.0, 1.5);
(406687.5, 3758537.5, 110.0, 1.5);	(406737.5, 3758537.5, 109.9, 1.5);
(406787.5, 3758537.5, 110.0, 1.5);	(406837.5, 3758537.5, 111.0, 1.5);
(406887.5, 3758537.5, 113.7, 1.5);	(406937.5, 3758537.5, 116.0, 1.5);
(406987.5, 3758537.5, 120.8, 1.5);	(407037.5, 3758537.5, 122.0, 1.5);
(407087.5, 3758537.5, 124.8, 1.5);	(407137.5, 3758537.5, 128.8, 1.5);
(407187.5, 3758537.5, 137.7, 1.5);	(407237.5, 3758537.5, 141.0, 1.5);
(407287.5, 3758537.5, 143.8, 1.5);	(407337.5, 3758537.5, 147.0, 1.5);
(407387.5, 3758537.5, 148.8, 1.5);	(407437.5, 3758537.5, 153.5, 1.5);
(407487.5, 3758537.5, 155.4, 1.5);	(407537.5, 3758537.5, 0.0, 1.5);
(407587.5, 3758537.5, 0.0, 1.5);	(407637.5, 3758537.5, 0.0, 1.5);
(407687.5, 3758537.5, 0.0, 1.5);	(407737.5, 3758537.5, 0.0, 1.5);
(407787.5, 3758537.5, 0.0, 1.5);	(407837.5, 3758537.5, 0.0, 1.5);
(407887.5, 3758537.5, 0.0, 1.5);	(407937.5, 3758537.5, 0.0, 1.5);
(407987.5, 3758537.5, 0.0, 1.5);	(408037.5, 3758537.5, 0.0, 1.5);
(408087.5, 3758537.5, 0.0, 1.5);	(405962.5, 3759987.5, 229.9, 1.5);
(405962.5, 3759937.5, 223.6, 1.5);	(405962.5, 3759887.5, 214.8, 1.5);
(405962.5, 3759837.5, 195.5, 1.5);	(405962.5, 3759787.5, 191.6, 1.5);
(405962.5, 3759737.5, 188.7, 1.5);	(405962.5, 3759687.5, 167.2, 1.5);
(405962.5, 3759637.5, 162.2, 1.5);	(405962.5, 3759587.5, 157.2, 1.5);
(405962.5, 3759537.5, 159.3, 1.5);	(405962.5, 3759487.5, 159.3, 1.5);
(405962.5, 3759437.5, 157.2, 1.5);	(405962.5, 3759387.5, 148.9, 1.5);
(405962.5, 3759337.5, 138.2, 1.5);	(405962.5, 3759287.5, 128.2, 1.5);
(405962.5, 3759237.5, 120.2, 1.5);	(405962.5, 3759187.5, 115.0, 1.5);
(405962.5, 3759137.5, 113.9, 1.5);	(405962.5, 3759087.5, 112.0, 1.5);
(405962.5, 3759037.5, 109.0, 1.5);	(405962.5, 3758987.5, 108.0, 1.5);
(405962.5, 3758937.5, 106.3, 1.5);	(405962.5, 3758887.5, 104.9, 1.5);
(405962.5, 3758837.5, 103.0, 1.5);	(405962.5, 3758787.5, 100.9, 1.5);
(405962.5, 3758737.5, 98.9, 1.5);	(405962.5, 3758687.5, 97.0, 1.5);
(405962.5, 3758637.5, 95.0, 1.5);	(406012.5, 3759987.5, 224.1, 1.5);
(406012.5, 3759937.5, 203.5, 1.5);	(406012.5, 3759887.5, 201.9, 1.5);
(406012.5, 3759837.5, 196.6, 1.5);	(406012.5, 3759787.5, 190.7, 1.5);
(406012.5, 3759737.5, 190.4, 1.5);	(406012.5, 3759687.5, 169.9, 1.5);
(406012.5, 3759637.5, 165.9, 1.5);	(406012.5, 3759587.5, 161.0, 1.5);
(406012.5, 3759537.5, 161.0, 1.5);	(406012.5, 3759487.5, 159.1, 1.5);
(406012.5, 3759437.5, 150.2, 1.5);	(406012.5, 3759387.5, 146.3, 1.5);
(406012.5, 3759337.5, 137.4, 1.5);	(406012.5, 3759287.5, 129.9, 1.5);
(406012.5, 3759237.5, 121.6, 1.5);	(406012.5, 3759187.5, 116.3, 1.5);
(406012.5, 3759137.5, 115.2, 1.5);	(406012.5, 3759087.5, 113.0, 1.5);
(406012.5, 3759037.5, 110.2, 1.5);	(406012.5, 3758987.5, 110.0, 1.5);
(406012.5, 3758937.5, 108.2, 1.5);	(406012.5, 3758887.5, 105.9, 1.5);
(406012.5, 3758837.5, 103.0, 1.5);	(406012.5, 3758787.5, 102.0, 1.5);
(406012.5, 3758737.5, 99.9, 1.5);	(406012.5, 3758687.5, 98.0, 1.5);
(406012.5, 3758637.5, 96.3, 1.5);	(406062.5, 3759987.5, 209.4, 1.5);

• *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions *** 11:18:22

**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 32
 CONC

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406062.5, 3759837.5, 177.7, 1.5);	(406062.5, 3759787.5, 171.7, 1.5);
(406062.5, 3759737.5, 166.3, 1.5);	(406062.5, 3759687.5, 167.2, 1.5);
(406062.5, 3759637.5, 161.1, 1.5);	(406062.5, 3759587.5, 157.8, 1.5);

Appendix B

PM Annual Emissions unmitigated

(406062.5, 3759537.5, 146.4, 1.5);	(406062.5, 3759487.5, 142.0, 1.5);
(406062.5, 3759437.5, 138.4, 1.5);	(406062.5, 3759387.5, 133.4, 1.5);
(406062.5, 3759337.5, 129.4, 1.5);	(406062.5, 3759287.5, 126.4, 1.5);
(406062.5, 3759237.5, 120.0, 1.5);	(406062.5, 3759187.5, 119.0, 1.5);
(406062.5, 3759137.5, 117.0, 1.5);	(406062.5, 3759087.5, 114.9, 1.5);
(406062.5, 3759037.5, 113.0, 1.5);	(406062.5, 3758987.5, 112.0, 1.5);
(406062.5, 3758937.5, 109.0, 1.5);	(406062.5, 3758887.5, 107.3, 1.5);
(406062.5, 3758837.5, 105.0, 1.5);	(406062.5, 3758787.5, 103.0, 1.5);
(406062.5, 3758737.5, 101.3, 1.5);	(406062.5, 3758687.5, 99.0, 1.5);
(406062.5, 3758637.5, 98.0, 1.5);	(406112.5, 3759987.5, 180.6, 1.5);
(406112.5, 3759837.5, 149.0, 1.5);	(406112.5, 3759787.5, 147.9, 1.5);
(406112.5, 3759737.5, 145.7, 1.5);	(406112.5, 3759687.5, 145.0, 1.5);
(406112.5, 3759637.5, 143.0, 1.5);	(406112.5, 3759587.5, 143.0, 1.5);
(406112.5, 3759537.5, 141.7, 1.5);	(406112.5, 3759487.5, 136.8, 1.5);
(406112.5, 3759437.5, 129.9, 1.5);	(406112.5, 3759387.5, 127.3, 1.5);
(406112.5, 3759337.5, 128.5, 1.5);	(406112.5, 3759287.5, 127.5, 1.5);
(406112.5, 3759237.5, 123.2, 1.5);	(406112.5, 3759187.5, 121.2, 1.5);
(406112.5, 3759137.5, 119.0, 1.5);	(406112.5, 3759087.5, 117.0, 1.5);
(406112.5, 3759037.5, 115.2, 1.5);	(406112.5, 3758987.5, 114.0, 1.5);
(406112.5, 3758937.5, 111.3, 1.5);	(406112.5, 3758887.5, 109.2, 1.5);
(406112.5, 3758837.5, 107.3, 1.5);	(406112.5, 3758787.5, 104.9, 1.5);
(406112.5, 3758737.5, 102.3, 1.5);	(406112.5, 3758687.5, 100.9, 1.5);
(406112.5, 3758637.5, 99.0, 1.5);	(406162.5, 3759987.5, 155.4, 1.5);
(406162.5, 3759837.5, 153.4, 1.5);	(406162.5, 3759787.5, 154.2, 1.5);
(406162.5, 3759437.5, 137.1, 1.5);	(406162.5, 3759387.5, 138.5, 1.5);
(406162.5, 3759337.5, 137.8, 1.5);	(406162.5, 3759287.5, 132.2, 1.5);
(406162.5, 3759237.5, 126.2, 1.5);	(406162.5, 3759187.5, 123.2, 1.5);
(406162.5, 3759137.5, 120.9, 1.5);	(406162.5, 3759087.5, 119.0, 1.5);
(406162.5, 3759037.5, 117.3, 1.5);	(406162.5, 3758987.5, 116.0, 1.5);
(406162.5, 3758937.5, 113.2, 1.5);	(406162.5, 3758887.5, 111.0, 1.5);
(406162.5, 3758837.5, 109.0, 1.5);	(406162.5, 3758787.5, 105.9, 1.5);
(406162.5, 3758737.5, 103.0, 1.5);	(406162.5, 3758687.5, 102.0, 1.5);
(406162.5, 3758637.5, 100.0, 1.5);	(406212.5, 3759437.5, 151.9, 1.5);
(406212.5, 3759387.5, 147.2, 1.5);	(406212.5, 3759337.5, 141.0, 1.5);
(406212.5, 3759287.5, 134.9, 1.5);	(406212.5, 3759237.5, 128.2, 1.5);
(406212.5, 3759187.5, 125.0, 1.5);	(406212.5, 3759137.5, 123.0, 1.5);
(406212.5, 3759087.5, 120.9, 1.5);	(406212.5, 3759037.5, 118.9, 1.5);
(406212.5, 3758987.5, 117.0, 1.5);	(406212.5, 3758937.5, 114.9, 1.5);
(406212.5, 3758887.5, 112.0, 1.5);	(406212.5, 3758837.5, 109.2, 1.5);
(406212.5, 3758787.5, 107.0, 1.5);	(406212.5, 3758737.5, 104.0, 1.5);
(406212.5, 3758687.5, 103.0, 1.5);	(406212.5, 3758637.5, 102.0, 1.5);
(406262.5, 3759437.5, 153.2, 1.5);	(406262.5, 3759387.5, 149.5, 1.5);

* *** ISCS T3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT ***
 *** ANALYSIS ANNUAL PM emissions ***

*** 07/29/11
 *** 11:18:22
 *** PAGE 33

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406262.5, 3759337.5, 139.9, 1.5);	(406262.5, 3759287.5, 135.9, 1.5);
(406262.5, 3759237.5, 131.2, 1.5);	(406262.5, 3759187.5, 126.9, 1.5);
(406262.5, 3759137.5, 124.0, 1.5);	(406262.5, 3759087.5, 122.0, 1.5);
(406262.5, 3759037.5, 119.9, 1.5);	(406262.5, 3758987.5, 117.0, 1.5);
(406262.5, 3758937.5, 114.9, 1.5);	(406262.5, 3758887.5, 112.0, 1.5);
(406262.5, 3758837.5, 109.7, 1.5);	(406262.5, 3758787.5, 108.0, 1.5);
(406262.5, 3758737.5, 105.0, 1.5);	(406262.5, 3758687.5, 104.0, 1.5);
(406262.5, 3758637.5, 103.0, 1.5);	(406312.5, 3759437.5, 155.9, 1.5);
(406312.5, 3759387.5, 153.9, 1.5);	(406312.5, 3759337.5, 144.2, 1.5);
(406312.5, 3759287.5, 138.0, 1.5);	(406312.5, 3759237.5, 133.0, 1.5);
(406312.5, 3759187.5, 128.0, 1.5);	(406312.5, 3759137.5, 124.9, 1.5);
(406312.5, 3759087.5, 122.0, 1.5);	(406312.5, 3759037.5, 119.9, 1.5);
(406312.5, 3758987.5, 117.0, 1.5);	(406312.5, 3758937.5, 114.0, 1.5);
(406312.5, 3758887.5, 112.0, 1.5);	(406312.5, 3758837.5, 109.9, 1.5);
(406312.5, 3758787.5, 108.0, 1.5);	(406312.5, 3758737.5, 106.0, 1.5);
(406312.5, 3758687.5, 105.0, 1.5);	(406312.5, 3758637.5, 104.2, 1.5);
(406362.5, 3759437.5, 151.1, 1.5);	(406362.5, 3759387.5, 148.1, 1.5);
(406362.5, 3759337.5, 143.6, 1.5);	(406362.5, 3759287.5, 136.9, 1.5);
(406362.5, 3759237.5, 133.0, 1.5);	(406362.5, 3759187.5, 128.9, 1.5);
(406362.5, 3759137.5, 125.9, 1.5);	(406362.5, 3759087.5, 123.0, 1.5);
(406362.5, 3759037.5, 120.0, 1.5);	(406362.5, 3758987.5, 117.0, 1.5);
(406362.5, 3758937.5, 114.9, 1.5);	(406362.5, 3758887.5, 111.7, 1.5);
(406362.5, 3758837.5, 109.0, 1.5);	(406362.5, 3758787.5, 108.0, 1.5);
(406362.5, 3758737.5, 107.3, 1.5);	(406362.5, 3758687.5, 107.0, 1.5);

Appendix B

PM Annual Emissions unmitigated

(406362.5, 3758637.5, 106.0, 1.5);	(406412.5, 3759337.5, 138.9, 1.5);
(406412.5, 3759287.5, 136.0, 1.5);	(406412.5, 3759237.5, 134.0, 1.5);
(406412.5, 3759187.5, 129.9, 1.5);	(406412.5, 3759137.5, 126.0, 1.5);
(406412.5, 3759087.5, 123.0, 1.5);	(406412.5, 3759037.5, 120.0, 1.5);
(406412.5, 3758987.5, 118.0, 1.5);	(406412.5, 3758937.5, 115.2, 1.5);
(406412.5, 3758887.5, 110.9, 1.5);	(406412.5, 3758837.5, 109.0, 1.5);
(406412.5, 3758787.5, 108.3, 1.5);	(406412.5, 3758737.5, 109.0, 1.5);
(406412.5, 3758687.5, 109.0, 1.5);	(406412.5, 3758637.5, 108.2, 1.5);
(406462.5, 3759287.5, 136.9, 1.5);	(406462.5, 3759237.5, 133.9, 1.5);
(406462.5, 3759187.5, 129.9, 1.5);	(406462.5, 3759137.5, 125.9, 1.5);
(406462.5, 3759087.5, 122.0, 1.5);	(406462.5, 3759037.5, 120.0, 1.5);
(406462.5, 3758987.5, 118.0, 1.5);	(406462.5, 3758937.5, 116.0, 1.5);
(406462.5, 3758887.5, 112.2, 1.5);	(406462.5, 3758837.5, 109.2, 1.5);
(406462.5, 3758787.5, 110.2, 1.5);	(406462.5, 3758737.5, 110.2, 1.5);
(406462.5, 3758687.5, 110.9, 1.5);	(406462.5, 3758637.5, 109.2, 1.5);
(406512.5, 3759287.5, 138.0, 1.5);	(406512.5, 3759237.5, 134.0, 1.5);
(406512.5, 3759187.5, 129.2, 1.5);	(406512.5, 3759137.5, 126.2, 1.5);
(406512.5, 3759087.5, 123.9, 1.5);	(406512.5, 3759037.5, 121.2, 1.5);
(406512.5, 3758987.5, 118.9, 1.5);	(406512.5, 3758937.5, 116.7, 1.5);
(406512.5, 3758887.5, 114.0, 1.5);	(406512.5, 3758837.5, 114.2, 1.5);
(406512.5, 3758787.5, 113.3, 1.5);	(406512.5, 3758737.5, 113.3, 1.5);

*** ICST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions *** 11:18:22
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 34
 CONC

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406512.5, 3758687.5, 112.3, 1.5);	(406512.5, 3758637.5, 111.3, 1.5);
(406562.5, 3759237.5, 135.2, 1.5);	(406562.5, 3759187.5, 131.9, 1.5);
(406562.5, 3759137.5, 128.0, 1.5);	(406562.5, 3759087.5, 125.2, 1.5);
(406562.5, 3759037.5, 123.0, 1.5);	(406562.5, 3758987.5, 119.9, 1.5);
(406562.5, 3758937.5, 116.3, 1.5);	(406562.5, 3758887.5, 116.3, 1.5);
(406562.5, 3758837.5, 117.3, 1.5);	(406562.5, 3758787.5, 116.3, 1.5);
(406562.5, 3758737.5, 115.9, 1.5);	(406562.5, 3758687.5, 114.2, 1.5);
(406562.5, 3758637.5, 113.0, 1.5);	(406562.5, 3758587.5, 111.0, 1.5);
(406612.5, 3759187.5, 134.2, 1.5);	(406612.5, 3759137.5, 130.2, 1.5);
(406612.5, 3759087.5, 126.9, 1.5);	(406612.5, 3759037.5, 123.0, 1.5);
(406612.5, 3758987.5, 120.9, 1.5);	(406612.5, 3758937.5, 121.2, 1.5);
(406612.5, 3758887.5, 121.2, 1.5);	(406612.5, 3758837.5, 120.0, 1.5);
(406612.5, 3758787.5, 118.0, 1.5);	(406612.5, 3758737.5, 117.0, 1.5);
(406612.5, 3758687.5, 115.9, 1.5);	(406612.5, 3758637.5, 113.0, 1.5);
(406612.5, 3758587.5, 111.0, 1.5);	(406662.5, 3759187.5, 135.9, 1.5);
(406662.5, 3759137.5, 130.9, 1.5);	(406662.5, 3759087.5, 128.0, 1.5);
(406662.5, 3759037.5, 125.2, 1.5);	(406662.5, 3758987.5, 124.5, 1.5);
(406662.5, 3758937.5, 125.0, 1.5);	(406662.5, 3758887.5, 123.0, 1.5);
(406662.5, 3758837.5, 122.0, 1.5);	(406662.5, 3758787.5, 119.0, 1.5);
(406662.5, 3758737.5, 117.0, 1.5);	(406712.5, 3759137.5, 131.2, 1.5);
(406712.5, 3759087.5, 131.3, 1.5);	(406712.5, 3759037.5, 130.5, 1.5);
(406712.5, 3758987.5, 129.2, 1.5);	(406712.5, 3758937.5, 128.0, 1.5);
(406712.5, 3758887.5, 123.7, 1.5);	(406712.5, 3758837.5, 113.9, 1.5);
(406762.5, 3759037.5, 136.2, 1.5);	(406762.5, 3758987.5, 131.9, 1.5);
(406762.5, 3758937.5, 127.0, 1.5);	(406762.5, 3758887.5, 118.3, 1.5);
(406762.5, 3758837.5, 116.7, 1.5);	(406762.5, 3758737.5, 114.0, 1.5);
(406812.5, 3758987.5, 132.6, 1.5);	(406812.5, 3758687.5, 121.2, 1.5);
(406812.5, 3758637.5, 117.3, 1.5);	(406812.5, 3758587.5, 115.6, 1.5);
(406862.5, 3758737.5, 124.0, 1.5);	(406862.5, 3758687.5, 122.0, 1.5);
(406862.5, 3758637.5, 118.0, 1.5);	(406862.5, 3758587.5, 108.7, 1.5);
(406912.5, 3758787.5, 127.0, 1.5);	(406912.5, 3758737.5, 123.0, 1.5);
(406912.5, 3758687.5, 120.0, 1.5);	(406912.5, 3758637.5, 116.6, 1.5);
(406912.5, 3758587.5, 115.3, 1.5);	(406962.5, 3758737.5, 123.0, 1.5);
(406962.5, 3758687.5, 119.9, 1.5);	(406962.5, 3758637.5, 115.0, 1.5);
(406962.5, 3758587.5, 117.0, 1.5);	(407012.5, 3758687.5, 118.9, 1.5);
(407012.5, 3758637.5, 115.3, 1.5);	(407012.5, 3758587.5, 119.3, 1.5);
(407062.5, 3758687.5, 117.0, 1.5);	(407062.5, 3758637.5, 118.6, 1.5);
(407062.5, 3758587.5, 122.0, 1.5);	(407112.5, 3758637.5, 123.3, 1.5);
(407112.5, 3758587.5, 125.0, 1.5);	(407162.5, 3758637.5, 127.0, 1.5);
(407162.5, 3758587.5, 127.0, 1.5);	(407212.5, 3758637.5, 132.0, 1.5);
(407212.5, 3758587.5, 136.3, 1.5);	(407262.5, 3758637.5, 137.3, 1.5);
(407262.5, 3758587.5, 138.3, 1.5);	(407312.5, 3758637.5, 142.3, 1.5);
(407312.5, 3758587.5, 141.2, 1.5);	(407362.5, 3758637.5, 146.2, 1.5);
(407362.5, 3758587.5, 146.2, 1.5);	(407412.5, 3758637.5, 152.2, 1.5);
(407412.5, 3758587.5, 153.3, 1.5);	(407462.5, 3758637.5, 152.7, 1.5);

Appendix B

PM Annual Emissions unmitigated

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL PM emissions

*** 07/29/11
*** 11:18:22
*** PAGE 35

**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(407462.5, 3758587.5, 155.0, 1.5);	(407512.5, 3758637.5, 146.7, 1.5);
(407512.5, 3758587.5, 146.1, 1.5);	(407562.5, 3758637.5, 0.0, 1.5);
(407562.5, 3758587.5, 0.0, 1.5);	(407612.5, 3758637.5, 0.0, 1.5);
(407612.5, 3758587.5, 0.0, 1.5);	(407662.5, 3758637.5, 0.0, 1.5);
(407662.5, 3758587.5, 0.0, 1.5);	(407712.5, 3758637.5, 0.0, 1.5);
(407712.5, 3758587.5, 0.0, 1.5);	(407762.5, 3758637.5, 0.0, 1.5);
(407762.5, 3758587.5, 0.0, 1.5);	(407812.5, 3758637.5, 0.0, 1.5);
(407812.5, 3758587.5, 0.0, 1.5);	(407862.5, 3758637.5, 0.0, 1.5);
(407862.5, 3758587.5, 0.0, 1.5);	(407912.5, 3758637.5, 0.0, 1.5);
(407912.5, 3758587.5, 0.0, 1.5);	(407962.5, 3758637.5, 0.0, 1.5);
(407962.5, 3758587.5, 0.0, 1.5);	(408012.5, 3758637.5, 0.0, 1.5);
(408012.5, 3758587.5, 0.0, 1.5);	(408062.5, 3758637.5, 0.0, 1.5);
(408062.5, 3758587.5, 0.0, 1.5);	(408112.5, 3758637.5, 0.0, 1.5);
(408112.5, 3758587.5, 0.0, 1.5);	(405987.5, 3758537.5, 93.0, 1.5);
(406012.5, 3758537.5, 94.0, 1.5);	(406037.5, 3758537.5, 94.7, 1.5);
(406062.5, 3758537.5, 95.0, 1.5);	(406087.5, 3758537.5, 96.0, 1.5);
(406112.5, 3758537.5, 96.3, 1.5);	(406137.5, 3758537.5, 97.0, 1.5);
(406162.5, 3758537.5, 98.0, 1.5);	(406187.5, 3758537.5, 98.8, 1.5);
(406212.5, 3758537.5, 99.9, 1.5);	(406237.5, 3758537.5, 100.8, 1.5);
(406262.5, 3758537.5, 102.0, 1.5);	(406287.5, 3758537.5, 103.0, 1.5);
(406312.5, 3758537.5, 104.0, 1.5);	(406337.5, 3758537.5, 104.7, 1.5);
(406362.5, 3758537.5, 105.0, 1.5);	(406387.5, 3758537.5, 105.7, 1.5);
(406412.5, 3758537.5, 106.0, 1.5);	(406437.5, 3758537.5, 107.0, 1.5);
(406462.5, 3758537.5, 108.0, 1.5);	(406487.5, 3758537.5, 108.0, 1.5);
(406512.5, 3758537.5, 109.0, 1.5);	(406562.5, 3758537.5, 109.0, 1.5);
(406612.5, 3758537.5, 109.9, 1.5);	(406662.5, 3758537.5, 109.0, 1.5);
(406712.5, 3758537.5, 109.9, 1.5);	(406762.5, 3758537.5, 109.0, 1.5);
(406812.5, 3758537.5, 110.0, 1.5);	(406862.5, 3758537.5, 111.3, 1.5);
(406912.5, 3758537.5, 114.9, 1.5);	(406962.5, 3758537.5, 118.5, 1.5);
(407012.5, 3758537.5, 122.0, 1.5);	(407062.5, 3758537.5, 123.0, 1.5);
(407112.5, 3758537.5, 127.0, 1.5);	(407162.5, 3758537.5, 130.0, 1.5);
(407212.5, 3758537.5, 141.0, 1.5);	(407262.5, 3758537.5, 142.0, 1.5);
(407312.5, 3758537.5, 147.0, 1.5);	(407362.5, 3758537.5, 147.3, 1.5);
(407412.5, 3758537.5, 151.2, 1.5);	(407462.5, 3758537.5, 158.3, 1.5);
(407512.5, 3758537.5, 148.4, 1.5);	(407562.5, 3758537.5, 0.0, 1.5);
(407612.5, 3758537.5, 0.0, 1.5);	(407662.5, 3758537.5, 0.0, 1.5);
(407712.5, 3758537.5, 0.0, 1.5);	(407762.5, 3758537.5, 0.0, 1.5);
(407812.5, 3758537.5, 0.0, 1.5);	(407862.5, 3758537.5, 0.0, 1.5);
(407912.5, 3758537.5, 0.0, 1.5);	(407962.5, 3758537.5, 0.0, 1.5);
(408012.5, 3758537.5, 0.0, 1.5);	(408062.5, 3758537.5, 0.0, 1.5);
(408112.5, 3758537.5, 0.0, 1.5);	(405962.5, 3758587.5, 94.0, 1.5);
(406012.5, 3758587.5, 95.0, 1.5);	(406062.5, 3758587.5, 96.0, 1.5);
(406112.5, 3758587.5, 97.0, 1.5);	(406162.5, 3758587.5, 99.0, 1.5);
(406212.5, 3758587.5, 100.9, 1.5);	(406262.5, 3758587.5, 102.3, 1.5);
(406312.5, 3758587.5, 104.2, 1.5);	(406362.5, 3758587.5, 105.2, 1.5);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL PM emissions

*** 07/29/11
*** 11:18:22
*** PAGE 36

**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406412.5, 3758587.5, 107.0, 1.5);	(406462.5, 3758587.5, 109.0, 1.5);
(406512.5, 3758587.5, 110.0, 1.5);	(405987.5, 3760012.5, 229.9, 1.5);
(405987.5, 3759962.5, 223.9, 1.5);	(405987.5, 3759912.5, 217.2, 1.5);
(405987.5, 3759862.5, 205.0, 1.5);	(405987.5, 3759812.5, 194.2, 1.5);
(405987.5, 3759762.5, 190.0, 1.5);	(405987.5, 3759712.5, 179.8, 1.5);
(405987.5, 3759662.5, 165.8, 1.5);	(405987.5, 3759612.5, 161.8, 1.5);
(405987.5, 3759562.5, 160.3, 1.5);	(405987.5, 3759512.5, 162.0, 1.5);
(405987.5, 3759462.5, 161.3, 1.5);	(405987.5, 3759412.5, 153.1, 1.5);
(405987.5, 3759362.5, 143.5, 1.5);	(405987.5, 3759312.5, 134.9, 1.5);
(405987.5, 3759262.5, 126.7, 1.5);	(405987.5, 3759212.5, 116.1, 1.5);
(405987.5, 3759162.5, 115.0, 1.5);	(405987.5, 3759112.5, 113.4, 1.5);

Appendix B

PM Annual Emissions unmitigated

(405987.5, 3759062.5, 110.9, 1.5);	(405987.5, 3759012.5, 109.0, 1.5);
(405987.5, 3758962.5, 108.4, 1.5);	(405987.5, 3758912.5, 106.3, 1.5);
(405987.5, 3758862.5, 104.3, 1.5);	(405987.5, 3758812.5, 102.0, 1.5);
(405987.5, 3758762.5, 100.3, 1.5);	(405987.5, 3758712.5, 98.4, 1.5);
(405987.5, 3758662.5, 96.4, 1.5);	(406037.5, 3760012.5, 220.7, 1.5);
(406037.5, 3759812.5, 181.5, 1.5);	(406037.5, 3759762.5, 179.4, 1.5);
(406037.5, 3759712.5, 178.3, 1.5);	(406037.5, 3759662.5, 166.4, 1.5);
(406037.5, 3759612.5, 162.4, 1.5);	(406037.5, 3759562.5, 159.6, 1.5);
(406037.5, 3759512.5, 152.9, 1.5);	(406037.5, 3759462.5, 142.7, 1.5);
(406037.5, 3759412.5, 141.3, 1.5);	(406037.5, 3759362.5, 135.4, 1.5);
(406037.5, 3759312.5, 133.1, 1.5);	(406037.5, 3759262.5, 122.8, 1.5);
(406037.5, 3759212.5, 119.2, 1.5);	(406037.5, 3759162.5, 116.9, 1.5);
(406037.5, 3759112.5, 115.0, 1.5);	(406037.5, 3759062.5, 112.9, 1.5);
(406037.5, 3759012.5, 111.7, 1.5);	(406037.5, 3758962.5, 110.3, 1.5);
(406037.5, 3758912.5, 108.0, 1.5);	(406037.5, 3758862.5, 105.0, 1.5);
(406037.5, 3758812.5, 103.8, 1.5);	(406037.5, 3758762.5, 101.9, 1.5);
(406037.5, 3758712.5, 99.5, 1.5);	(406037.5, 3758662.5, 97.9, 1.5);
(406087.5, 3760012.5, 200.6, 1.5);	(406087.5, 3759812.5, 152.7, 1.5);
(406087.5, 3759762.5, 150.3, 1.5);	(406087.5, 3759712.5, 151.5, 1.5);
(406087.5, 3759662.5, 147.4, 1.5);	(406087.5, 3759612.5, 149.3, 1.5);
(406087.5, 3759562.5, 143.9, 1.5);	(406087.5, 3759512.5, 142.0, 1.5);
(406087.5, 3759462.5, 139.0, 1.5);	(406087.5, 3759412.5, 130.1, 1.5);
(406087.5, 3759362.5, 128.3, 1.5);	(406087.5, 3759312.5, 127.5, 1.5);
(406087.5, 3759262.5, 122.2, 1.5);	(406087.5, 3759212.5, 120.3, 1.5);
(406087.5, 3759162.5, 119.0, 1.5);	(406087.5, 3759112.5, 116.9, 1.5);
(406087.5, 3759062.5, 115.0, 1.5);	(406087.5, 3759012.5, 113.8, 1.5);
(406087.5, 3758962.5, 111.4, 1.5);	(406087.5, 3758912.5, 109.3, 1.5);
(406087.5, 3758862.5, 107.4, 1.5);	(406087.5, 3758812.5, 105.0, 1.5);
(406087.5, 3758762.5, 103.0, 1.5);	(406087.5, 3758712.5, 101.0, 1.5);
(406087.5, 3758662.5, 99.0, 1.5);	(406137.5, 3760012.5, 175.9, 1.5);
(406137.5, 3759812.5, 147.9, 1.5);	(406137.5, 3759762.5, 147.9, 1.5);
(406137.5, 3759712.5, 147.5, 1.5);	(406137.5, 3759662.5, 145.6, 1.5);
(406137.5, 3759612.5, 143.0, 1.5);	(406137.5, 3759562.5, 140.5, 1.5);
(406137.5, 3759512.5, 133.1, 1.5);	(406137.5, 3759462.5, 130.0, 1.5);
* *** ISCSST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11	
*** ANALYSIS ANNUAL PM emissions *** 11:18:22	
**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 37	

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406137.5, 3759412.5, 132.0, 1.5);	(406137.5, 3759362.5, 133.0, 1.5);
(406137.5, 3759312.5, 133.0, 1.5);	(406137.5, 3759262.5, 127.2, 1.5);
(406137.5, 3759212.5, 123.4, 1.5);	(406137.5, 3759162.5, 121.3, 1.5);
(406137.5, 3759112.5, 119.0, 1.5);	(406137.5, 3759062.5, 116.9, 1.5);
(406137.5, 3759012.5, 116.0, 1.5);	(406137.5, 3758962.5, 113.8, 1.5);
(406137.5, 3758912.5, 111.3, 1.5);	(406137.5, 3758862.5, 109.0, 1.5);
(406137.5, 3758812.5, 106.4, 1.5);	(406137.5, 3758762.5, 104.3, 1.5);
(406137.5, 3758712.5, 102.0, 1.5);	(406137.5, 3758662.5, 100.3, 1.5);
(406187.5, 3759412.5, 146.6, 1.5);	(406187.5, 3759362.5, 141.2, 1.5);
(406187.5, 3759312.5, 138.7, 1.5);	(406187.5, 3759262.5, 130.3, 1.5);
(406187.5, 3759212.5, 125.9, 1.5);	(406187.5, 3759162.5, 123.0, 1.5);
(406187.5, 3759112.5, 120.9, 1.5);	(406187.5, 3759062.5, 118.8, 1.5);
(406187.5, 3759012.5, 117.3, 1.5);	(406187.5, 3758962.5, 115.9, 1.5);
(406187.5, 3758912.5, 112.4, 1.5);	(406187.5, 3758862.5, 110.5, 1.5);
(406187.5, 3758812.5, 108.0, 1.5);	(406187.5, 3758762.5, 105.0, 1.5);
(406187.5, 3758712.5, 102.9, 1.5);	(406187.5, 3758662.5, 101.9, 1.5);
(406237.5, 3759412.5, 150.2, 1.5);	(406237.5, 3759362.5, 144.1, 1.5);
(406237.5, 3759312.5, 138.1, 1.5);	(406237.5, 3759262.5, 133.3, 1.5);
(406237.5, 3759212.5, 127.3, 1.5);	(406237.5, 3759162.5, 124.4, 1.5);
(406237.5, 3759112.5, 122.9, 1.5);	(406237.5, 3759062.5, 120.3, 1.5);
(406237.5, 3759012.5, 118.0, 1.5);	(406237.5, 3758962.5, 116.0, 1.5);
(406237.5, 3758912.5, 113.4, 1.5);	(406237.5, 3758862.5, 111.0, 1.5);
(406237.5, 3758812.5, 108.4, 1.5);	(406237.5, 3758762.5, 105.5, 1.5);
(406237.5, 3758712.5, 104.0, 1.5);	(406237.5, 3758662.5, 102.9, 1.5);
(406287.5, 3759412.5, 153.8, 1.5);	(406287.5, 3759362.5, 146.7, 1.5);
(406287.5, 3759312.5, 138.8, 1.5);	(406287.5, 3759262.5, 134.4, 1.5);
(406287.5, 3759212.5, 129.4, 1.5);	(406287.5, 3759162.5, 126.0, 1.5);
(406287.5, 3759112.5, 123.0, 1.5);	(406287.5, 3759062.5, 121.0, 1.5);
(406287.5, 3759012.5, 118.4, 1.5);	(406287.5, 3758962.5, 116.0, 1.5);
(406287.5, 3758912.5, 113.4, 1.5);	(406287.5, 3758862.5, 110.9, 1.5);
(406287.5, 3758812.5, 108.4, 1.5);	(406287.5, 3758762.5, 106.4, 1.5);
(406287.5, 3758712.5, 105.0, 1.5);	(406287.5, 3758662.5, 104.0, 1.5);

Appendix B

PM Annual Emissions unmitigated

(406337.5, 3759412.5, 153.6, 1.5);	(406337.5, 3759362.5, 149.5, 1.5);
(406337.5, 3759312.5, 140.9, 1.5);	(406337.5, 3759262.5, 135.5, 1.5);
(406337.5, 3759212.5, 130.5, 1.5);	(406337.5, 3759162.5, 127.3, 1.5);
(406337.5, 3759112.5, 123.4, 1.5);	(406337.5, 3759062.5, 121.0, 1.5);
(406337.5, 3759012.5, 118.4, 1.5);	(406337.5, 3758962.5, 115.5, 1.5);
(406337.5, 3758912.5, 113.0, 1.5);	(406337.5, 3758862.5, 110.6, 1.5);
(406337.5, 3758812.5, 109.0, 1.5);	(406337.5, 3758762.5, 107.0, 1.5);
(406337.5, 3758712.5, 106.0, 1.5);	(406337.5, 3758662.5, 105.8, 1.5);
(406387.5, 3759362.5, 141.9, 1.5);	(406387.5, 3759312.5, 138.7, 1.5);
(406387.5, 3759262.5, 134.3, 1.5);	(406387.5, 3759212.5, 131.4, 1.5);
(406387.5, 3759162.5, 127.4, 1.5);	(406387.5, 3759112.5, 124.4, 1.5);
(406387.5, 3759062.5, 122.0, 1.5);	(406387.5, 3759012.5, 119.0, 1.5);
(406387.5, 3758962.5, 116.3, 1.5);	(406387.5, 3758912.5, 113.4, 1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406387.5, 3758862.5, 109.5, 1.5);	(406387.5, 3758812.5, 108.0, 1.5);
(406387.5, 3758762.5, 108.0, 1.5);	(406387.5, 3758712.5, 108.0, 1.5);
(406387.5, 3758662.5, 107.7, 1.5);	(406437.5, 3759312.5, 137.4, 1.5);
(406437.5, 3759262.5, 135.1, 1.5);	(406437.5, 3759212.5, 131.9, 1.5);
(406437.5, 3759162.5, 127.4, 1.5);	(406437.5, 3759112.5, 124.4, 1.5);
(406437.5, 3759062.5, 121.4, 1.5);	(406437.5, 3759012.5, 119.5, 1.5);
(406437.5, 3758962.5, 117.0, 1.5);	(406437.5, 3758912.5, 114.2, 1.5);
(406437.5, 3758862.5, 109.3, 1.5);	(406437.5, 3758812.5, 109.0, 1.5);
(406437.5, 3758762.5, 109.0, 1.5);	(406437.5, 3758712.5, 109.4, 1.5);
(406437.5, 3758662.5, 109.0, 1.5);	(406487.5, 3759312.5, 138.3, 1.5);
(406487.5, 3759262.5, 135.5, 1.5);	(406487.5, 3759212.5, 131.4, 1.5);
(406487.5, 3759162.5, 127.1, 1.5);	(406487.5, 3759112.5, 124.4, 1.5);
(406487.5, 3759062.5, 121.9, 1.5);	(406487.5, 3759012.5, 119.8, 1.5);
(406487.5, 3758962.5, 117.4, 1.5);	(406487.5, 3758912.5, 115.5, 1.5);
(406487.5, 3758862.5, 111.9, 1.5);	(406487.5, 3758812.5, 111.3, 1.5);
(406487.5, 3758762.5, 112.0, 1.5);	(406487.5, 3758712.5, 112.0, 1.5);
(406487.5, 3758662.5, 111.0, 1.5);	(406537.5, 3759262.5, 136.4, 1.5);
(406537.5, 3759212.5, 132.4, 1.5);	(406537.5, 3759162.5, 128.4, 1.5);
(406537.5, 3759112.5, 125.9, 1.5);	(406537.5, 3759062.5, 123.0, 1.5);
(406537.5, 3759012.5, 120.9, 1.5);	(406537.5, 3758962.5, 117.0, 1.5);
(406537.5, 3758912.5, 115.0, 1.5);	(406537.5, 3758862.5, 115.4, 1.5);
(406537.5, 3758812.5, 115.9, 1.5);	(406537.5, 3758762.5, 115.0, 1.5);
(406537.5, 3758712.5, 114.0, 1.5);	(406537.5, 3758662.5, 112.9, 1.5);
(406587.5, 3759212.5, 134.8, 1.5);	(406587.5, 3759162.5, 131.2, 1.5);
(406587.5, 3759112.5, 127.3, 1.5);	(406587.5, 3759062.5, 124.4, 1.5);
(406587.5, 3759012.5, 121.4, 1.5);	(406587.5, 3758962.5, 118.8, 1.5);
(406587.5, 3758912.5, 118.8, 1.5);	(406587.5, 3758862.5, 119.3, 1.5);
(406587.5, 3758812.5, 118.0, 1.5);	(406587.5, 3758762.5, 116.9, 1.5);
(406587.5, 3758712.5, 115.9, 1.5);	(406587.5, 3758662.5, 114.3, 1.5);
(406587.5, 3758612.5, 112.0, 1.5);	(406637.5, 3759212.5, 137.3, 1.5);
(406637.5, 3759162.5, 133.4, 1.5);	(406637.5, 3759112.5, 129.4, 1.5);
(406637.5, 3759062.5, 126.4, 1.5);	(406637.5, 3759012.5, 121.9, 1.5);
(406637.5, 3758962.5, 122.9, 1.5);	(406637.5, 3758912.5, 122.7, 1.5);
(406637.5, 3758862.5, 121.9, 1.5);	(406637.5, 3758812.5, 120.0, 1.5);
(406637.5, 3758762.5, 118.0, 1.5);	(406637.5, 3758712.5, 116.9, 1.5);
(406637.5, 3758662.5, 113.6, 1.5);	(406687.5, 3759162.5, 133.6, 1.5);
(406687.5, 3759112.5, 128.0, 1.5);	(406687.5, 3759062.5, 128.7, 1.5);
(406687.5, 3759012.5, 127.3, 1.5);	(406687.5, 3758962.5, 126.7, 1.5);
(406687.5, 3758912.5, 125.5, 1.5);	(406687.5, 3758862.5, 123.0, 1.5);
(406687.5, 3758762.5, 118.0, 1.5);	(406737.5, 3759112.5, 133.7, 1.5);
(406737.5, 3759062.5, 136.5, 1.5);	(406737.5, 3759012.5, 132.2, 1.5);
(406737.5, 3758962.5, 129.4, 1.5);	(406737.5, 3758912.5, 125.5, 1.5);
(406737.5, 3758862.5, 117.7, 1.5);	(406737.5, 3758612.5, 116.0, 1.5);
(406787.5, 3759012.5, 134.8, 1.5);	(406787.5, 3758962.5, 129.4, 1.5);
(406787.5, 3758712.5, 120.6, 1.5);	(406787.5, 3758662.5, 119.3, 1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)

Appendix B

PM Annual Emissions unmitigated

(METERS)

(406787.5, 3758612.5, 115.8, 1.5);	(406837.5, 3758712.5, 123.0, 1.5);
(406837.5, 3758662.5, 120.5, 1.5);	(406837.5, 3758612.5, 116.6, 1.5);
(406887.5, 3758762.5, 125.3, 1.5);	(406887.5, 3758712.5, 122.4, 1.5);
(406887.5, 3758662.5, 119.5, 1.5);	(406887.5, 3758612.5, 112.6, 1.5);
(406937.5, 3758762.5, 125.5, 1.5);	(406937.5, 3758712.5, 121.4, 1.5);
(406937.5, 3758662.5, 117.6, 1.5);	(406937.5, 3758612.5, 115.4, 1.5);
(406987.5, 3758712.5, 121.9, 1.5);	(406987.5, 3758662.5, 116.4, 1.5);
(406987.5, 3758612.5, 116.4, 1.5);	(407037.5, 3758712.5, 121.4, 1.5);
(407037.5, 3758662.5, 115.1, 1.5);	(407037.5, 3758612.5, 119.3, 1.5);
(407087.5, 3758662.5, 116.7, 1.5);	(407087.5, 3758612.5, 122.9, 1.5);
(407137.5, 3758662.5, 123.3, 1.5);	(407137.5, 3758612.5, 125.8, 1.5);
(407187.5, 3758662.5, 129.8, 1.5);	(407187.5, 3758612.5, 130.3, 1.5);
(407237.5, 3758662.5, 134.8, 1.5);	(407237.5, 3758612.5, 134.5, 1.5);
(407287.5, 3758662.5, 139.8, 1.5);	(407287.5, 3758612.5, 139.8, 1.5);
(407337.5, 3758662.5, 144.7, 1.5);	(407337.5, 3758612.5, 143.7, 1.5);
(407387.5, 3758662.5, 149.7, 1.5);	(407387.5, 3758612.5, 149.5, 1.5);
(407437.5, 3758662.5, 153.7, 1.5);	(407437.5, 3758612.5, 154.4, 1.5);
(407487.5, 3758662.5, 152.4, 1.5);	(407487.5, 3758612.5, 149.5, 1.5);
(407537.5, 3758662.5, 0.0, 1.5);	(407537.5, 3758612.5, 0.0, 1.5);
(407587.5, 3758662.5, 0.0, 1.5);	(407587.5, 3758612.5, 0.0, 1.5);
(407637.5, 3758612.5, 0.0, 1.5);	(407687.5, 3758612.5, 0.0, 1.5);
(407737.5, 3758612.5, 0.0, 1.5);	(407787.5, 3758612.5, 0.0, 1.5);
(407837.5, 3758612.5, 0.0, 1.5);	(407887.5, 3758612.5, 0.0, 1.5);
(407937.5, 3758612.5, 0.0, 1.5);	(407987.5, 3758612.5, 0.0, 1.5);
(408037.5, 3758612.5, 0.0, 1.5);	(408087.5, 3758612.5, 0.0, 1.5);
(405987.5, 3758612.5, 95.0, 1.5);	(406037.5, 3758612.5, 96.3, 1.5);
(406087.5, 3758612.5, 97.4, 1.5);	(406137.5, 3758612.5, 98.4, 1.5);
(406187.5, 3758612.5, 100.3, 1.5);	(406237.5, 3758612.5, 102.0, 1.5);
(406287.5, 3758612.5, 103.8, 1.5);	(406337.5, 3758612.5, 105.0, 1.5);
(406387.5, 3758612.5, 106.9, 1.5);	(406437.5, 3758612.5, 108.8, 1.5);
(406487.5, 3758612.5, 110.0, 1.5);	(406512.5, 3758562.5, 109.1, 1.5);
(406537.5, 3758612.5, 111.3, 1.5);	(406562.5, 3758562.5, 110.0, 1.5);
(406612.5, 3758562.5, 110.8, 1.5);	(406662.5, 3758562.5, 110.0, 1.5);
(406712.5, 3758562.5, 112.0, 1.5);	(406762.5, 3758562.5, 112.0, 1.5);
(406812.5, 3758562.5, 110.7, 1.5);	(406862.5, 3758562.5, 109.8, 1.5);
(406912.5, 3758562.5, 116.1, 1.5);	(406962.5, 3758562.5, 118.1, 1.5);
(407012.5, 3758562.5, 120.6, 1.5);	(407062.5, 3758562.5, 122.6, 1.5);
(407112.5, 3758562.5, 126.1, 1.5);	(407162.5, 3758562.5, 127.1, 1.5);
(407212.5, 3758562.5, 139.0, 1.5);	(407262.5, 3758562.5, 139.8, 1.5);
(407312.5, 3758562.5, 142.0, 1.5);	(407362.5, 3758562.5, 146.2, 1.5);
(407412.5, 3758562.5, 152.1, 1.5);	(407462.5, 3758562.5, 157.2, 1.5);
(407512.5, 3758562.5, 147.3, 1.5);	(407562.5, 3758562.5, 0.0, 1.5);
(407612.5, 3758562.5, 0.0, 1.5);	(407662.5, 3758562.5, 0.0, 1.5);
(407712.5, 3758562.5, 0.0, 1.5);	(407762.5, 3758562.5, 0.0, 1.5);
(407812.5, 3758562.5, 0.0, 1.5);	(407862.5, 3758562.5, 0.0, 1.5);

*** ISCSST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

07/29/11

*** ANALYSIS ANNUAL PM emissions

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**MODELOPTs:

CONC

URBAN ELEV FLGPOL

NOCALM

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*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZFLAG)

(METERS)

(407912.5, 3758562.5, 0.0, 1.5);	(407962.5, 3758562.5, 0.0, 1.5);
(408012.5, 3758562.5, 0.0, 1.5);	(408062.5, 3758562.5, 0.0, 1.5);
(408112.5, 3758562.5, 0.0, 1.5);	(405987.5, 3759987.5, 228.1, 1.5);
(405987.5, 3759937.5, 218.6, 1.5);	(405987.5, 3759887.5, 212.3, 1.5);
(405987.5, 3759837.5, 197.9, 1.5);	(405987.5, 3759787.5, 191.2, 1.5);
(405987.5, 3759737.5, 190.5, 1.5);	(405987.5, 3759687.5, 168.9, 1.5);
(405987.5, 3759637.5, 163.7, 1.5);	(405987.5, 3759587.5, 159.7, 1.5);
(405987.5, 3759537.5, 161.8, 1.5);	(405987.5, 3759487.5, 162.0, 1.5);
(405987.5, 3759437.5, 158.7, 1.5);	(405987.5, 3759387.5, 148.9, 1.5);
(405987.5, 3759337.5, 139.7, 1.5);	(405987.5, 3759287.5, 129.9, 1.5);
(405987.5, 3759237.5, 122.7, 1.5);	(405987.5, 3759187.5, 115.0, 1.5);
(405987.5, 3759137.5, 114.7, 1.5);	(405987.5, 3759087.5, 112.0, 1.5);
(405987.5, 3759037.5, 109.0, 1.5);	(405987.5, 3758987.5, 109.0, 1.5);
(405987.5, 3758937.5, 107.7, 1.5);	(405987.5, 3758887.5, 105.0, 1.5);
(405987.5, 3758837.5, 103.0, 1.5);	(405987.5, 3758787.5, 101.0, 1.5);
(405987.5, 3758737.5, 99.0, 1.5);	(405987.5, 3758687.5, 97.7, 1.5);
(406037.5, 3759987.5, 215.7, 1.5);	(406037.5, 3759837.5, 192.5, 1.5);
(406037.5, 3759787.5, 184.0, 1.5);	(406037.5, 3759737.5, 179.8, 1.5);
(406037.5, 3759687.5, 170.7, 1.5);	(406037.5, 3759637.5, 164.2, 1.5);

Appendix B

PM Annual Emissions unmitigated

(406037.5, 3759587.5,	160.2,	1.5);	(406037.5, 3759537.5,	157.6,	1.5);
(406037.5, 3759487.5,	146.4,	1.5);	(406037.5, 3759437.5,	141.2,	1.5);
(406037.5, 3759387.5,	139.4,	1.5);	(406037.5, 3759337.5,	133.2,	1.5);
(406037.5, 3759287.5,	127.3,	1.5);	(406037.5, 3759237.5,	120.9,	1.5);
(406037.5, 3759187.5,	118.0,	1.5);	(406037.5, 3759137.5,	116.0,	1.5);
(406037.5, 3759087.5,	114.0,	1.5);	(406037.5, 3759037.5,	111.7,	1.5);
(406037.5, 3758987.5,	111.0,	1.5);	(406037.5, 3758937.5,	109.0,	1.5);
(406037.5, 3758887.5,	106.7,	1.5);	(406037.5, 3758837.5,	104.0,	1.5);
(406037.5, 3758787.5,	102.7,	1.5);	(406037.5, 3758737.5,	100.7,	1.5);
(406037.5, 3758687.5,	98.0,	1.5);	(406087.5, 3759987.5,	196.7,	1.5);
(406087.5, 3759837.5,	156.9,	1.5);	(406087.5, 3759787.5,	152.5,	1.5);
(406087.5, 3759737.5,	151.3,	1.5);	(406087.5, 3759687.5,	149.5,	1.5);
(406087.5, 3759637.5,	149.5,	1.5);	(406087.5, 3759587.5,	146.6,	1.5);
(406087.5, 3759537.5,	142.0,	1.5);	(406087.5, 3759487.5,	141.2,	1.5);
(406087.5, 3759437.5,	132.6,	1.5);	(406087.5, 3759387.5,	128.4,	1.5);
(406087.5, 3759337.5,	127.0,	1.5);	(406087.5, 3759287.5,	128.2,	1.5);
(406087.5, 3759237.5,	121.0,	1.5);	(406087.5, 3759187.5,	120.0,	1.5);
(406087.5, 3759137.5,	118.0,	1.5);	(406087.5, 3759087.5,	116.0,	1.5);
(406087.5, 3759037.5,	114.0,	1.5);	(406087.5, 3758987.5,	112.7,	1.5);
(406087.5, 3758937.5,	110.0,	1.5);	(406087.5, 3758887.5,	108.7,	1.5);
(406087.5, 3758837.5,	106.0,	1.5);	(406087.5, 3758787.5,	104.0,	1.5);
(406087.5, 3758737.5,	102.0,	1.5);	(406087.5, 3758687.5,	100.0,	1.5);
(406137.5, 3759987.5,	167.9,	1.5);	(406137.5, 3759837.5,	148.9,	1.5);
(406137.5, 3759787.5,	147.9,	1.5);	(406137.5, 3759737.5,	147.5,	1.5);
(406137.5, 3759687.5,	147.5,	1.5);	(406137.5, 3759637.5,	143.7,	1.5);
(406137.5, 3759587.5,	141.9,	1.5);	(406137.5, 3759537.5,	139.3,	1.5);

• *** ISCST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS ANNUAL PM emissions *** 11:18:22
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**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406137.5, 3759487.5,	130.4,	1.5);	(406137.5, 3759437.5,	130.8,	1.5);
(406137.5, 3759387.5,	133.5,	1.5);	(406137.5, 3759337.5,	132.6,	1.5);
(406137.5, 3759287.5,	130.7,	1.5);	(406137.5, 3759237.5,	124.9,	1.5);
(406137.5, 3759187.5,	122.7,	1.5);	(406137.5, 3759137.5,	120.0,	1.5);
(406137.5, 3759087.5,	118.0,	1.5);	(406137.5, 3759037.5,	116.0,	1.5);
(406137.5, 3758987.5,	115.0,	1.5);	(406137.5, 3758937.5,	112.7,	1.5);
(406137.5, 3758887.5,	110.0,	1.5);	(406137.5, 3758837.5,	108.0,	1.5);
(406137.5, 3758787.5,	105.0,	1.5);	(406137.5, 3758737.5,	103.0,	1.5);
(406137.5, 3758687.5,	101.0,	1.5);	(406187.5, 3759437.5,	148.5,	1.5);
(406187.5, 3759387.5,	143.3,	1.5);	(406187.5, 3759337.5,	141.0,	1.5);
(406187.5, 3759287.5,	133.9,	1.5);	(406187.5, 3759237.5,	127.0,	1.5);
(406187.5, 3759187.5,	124.0,	1.5);	(406187.5, 3759137.5,	122.0,	1.5);
(406187.5, 3759087.5,	120.0,	1.5);	(406187.5, 3759037.5,	118.0,	1.5);
(406187.5, 3758987.5,	116.7,	1.5);	(406187.5, 3758937.5,	114.0,	1.5);
(406187.5, 3758887.5,	111.7,	1.5);	(406187.5, 3758837.5,	109.0,	1.5);
(406187.5, 3758787.5,	106.0,	1.5);	(406187.5, 3758737.5,	103.9,	1.5);
(406187.5, 3758687.5,	102.0,	1.5);	(406237.5, 3759437.5,	152.9,	1.5);
(406237.5, 3759387.5,	147.2,	1.5);	(406237.5, 3759337.5,	140.9,	1.5);
(406237.5, 3759287.5,	135.9,	1.5);	(406237.5, 3759237.5,	129.9,	1.5);
(406237.5, 3759187.5,	126.0,	1.5);	(406237.5, 3759137.5,	123.0,	1.5);
(406237.5, 3759087.5,	121.7,	1.5);	(406237.5, 3759037.5,	119.0,	1.5);
(406237.5, 3758987.5,	117.0,	1.5);	(406237.5, 3758937.5,	114.9,	1.5);
(406237.5, 3758887.5,	112.0,	1.5);	(406237.5, 3758837.5,	109.9,	1.5);
(406237.5, 3758787.5,	107.0,	1.5);	(406237.5, 3758737.5,	104.9,	1.5);
(406237.5, 3758687.5,	103.0,	1.5);	(406287.5, 3759437.5,	155.0,	1.5);
(406287.5, 3759387.5,	152.7,	1.5);	(406287.5, 3759337.5,	141.7,	1.5);
(406287.5, 3759287.5,	136.9,	1.5);	(406287.5, 3759237.5,	131.9,	1.5);
(406287.5, 3759187.5,	127.0,	1.5);	(406287.5, 3759137.5,	124.7,	1.5);
(406287.5, 3759087.5,	122.0,	1.5);	(406287.5, 3759037.5,	119.9,	1.5);
(406287.5, 3758987.5,	117.0,	1.5);	(406287.5, 3758937.5,	114.9,	1.5);
(406287.5, 3758887.5,	112.0,	1.5);	(406287.5, 3758837.5,	109.0,	1.5);
(406287.5, 3758787.5,	108.0,	1.5);	(406287.5, 3758737.5,	105.7,	1.5);
(406287.5, 3758687.5,	104.7,	1.5);	(406337.5, 3759437.5,	154.9,	1.5);
(406337.5, 3759387.5,	152.2,	1.5);	(406337.5, 3759337.5,	144.9,	1.5);
(406337.5, 3759287.5,	138.0,	1.5);	(406337.5, 3759237.5,	133.0,	1.5);
(406337.5, 3759187.5,	128.9,	1.5);	(406337.5, 3759137.5,	125.7,	1.5);
(406337.5, 3759087.5,	122.0,	1.5);	(406337.5, 3759037.5,	120.0,	1.5);
(406337.5, 3758987.5,	117.0,	1.5);	(406337.5, 3758937.5,	114.0,	1.5);
(406337.5, 3758887.5,	112.0,	1.5);	(406337.5, 3758837.5,	109.2,	1.5);
(406337.5, 3758787.5,	108.0,	1.5);	(406337.5, 3758737.5,	106.7,	1.5);

Appendix B

PM Annual Emissions unmitigated

(406337.5, 3758687.5, 105.8, 1.5); (406387.5, 3759337.5, 139.9, 1.5);
(406387.5, 3759287.5, 136.9, 1.5); (406387.5, 3759237.5, 133.0, 1.5);
(406387.5, 3759187.5, 129.7, 1.5); (406387.5, 3759137.5, 125.9, 1.5);
(406387.5, 3759087.5, 123.0, 1.5); (406387.5, 3759037.5, 120.0, 1.5);
(406387.5, 3758987.5, 117.7, 1.5); (406387.5, 3758937.5, 114.9, 1.5);

• *** ISCS3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS ANNUAL PM emissions *** 11:18:22

**MODELOPTs: NOCALM PAGE 42
CONC URBAN ELEV FLGPOL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406387.5, 3758887.5, 110.9, 1.5); (406387.5, 3758837.5, 109.0, 1.5);
(406387.5, 3758787.5, 108.0, 1.5); (406387.5, 3758737.5, 108.0, 1.5);
(406387.5, 3758687.5, 108.0, 1.5); (406437.5, 3759337.5, 138.9, 1.5);
(406437.5, 3759287.5, 136.0, 1.5); (406437.5, 3759237.5, 134.0, 1.5);
(406437.5, 3759187.5, 129.9, 1.5); (406437.5, 3759137.5, 125.9, 1.5);
(406437.5, 3759087.5, 123.0, 1.5); (406437.5, 3759037.5, 120.0, 1.5);
(406437.5, 3758987.5, 118.0, 1.5); (406437.5, 3758937.5, 115.9, 1.5);
(406437.5, 3758887.5, 111.7, 1.5); (406437.5, 3758837.5, 109.0, 1.5);
(406437.5, 3758787.5, 109.0, 1.5); (406437.5, 3758737.5, 109.0, 1.5);
(406437.5, 3758687.5, 110.0, 1.5); (406487.5, 3759287.5, 136.9, 1.5);
(406487.5, 3759237.5, 133.9, 1.5); (406487.5, 3759187.5, 129.0, 1.5);
(406487.5, 3759137.5, 126.0, 1.5); (406487.5, 3759087.5, 123.0, 1.5);
(406487.5, 3759037.5, 120.7, 1.5); (406487.5, 3758987.5, 118.9, 1.5);
(406487.5, 3758937.5, 116.7, 1.5); (406487.5, 3758887.5, 113.0, 1.5);
(406487.5, 3758837.5, 111.7, 1.5); (406487.5, 3758787.5, 111.8, 1.5);
(406487.5, 3758737.5, 112.0, 1.5); (406487.5, 3758687.5, 111.7, 1.5);
(406537.5, 3759237.5, 134.0, 1.5); (406537.5, 3759187.5, 130.0, 1.5);
(406537.5, 3759137.5, 126.9, 1.5); (406537.5, 3759087.5, 124.7, 1.5);
(406537.5, 3759037.5, 122.0, 1.5); (406537.5, 3758987.5, 118.9, 1.5);
(406537.5, 3758937.5, 115.9, 1.5); (406537.5, 3758887.5, 115.0, 1.5);
(406537.5, 3758837.5, 116.0, 1.5); (406537.5, 3758787.5, 115.8, 1.5);
(406537.5, 3758737.5, 114.7, 1.5); (406537.5, 3758687.5, 113.7, 1.5);
(406587.5, 3759237.5, 136.7, 1.5); (406587.5, 3759187.5, 133.0, 1.5);
(406587.5, 3759137.5, 129.0, 1.5); (406587.5, 3759087.5, 126.0, 1.5);
(406587.5, 3759037.5, 123.0, 1.5); (406587.5, 3758987.5, 120.0, 1.5);
(406587.5, 3758937.5, 118.8, 1.5); (406587.5, 3758887.5, 118.8, 1.5);
(406587.5, 3758837.5, 118.8, 1.5); (406587.5, 3758787.5, 117.7, 1.5);
(406587.5, 3758737.5, 116.0, 1.5); (406587.5, 3758687.5, 115.0, 1.5);
(406587.5, 3758637.5, 113.0, 1.5); (406637.5, 3759187.5, 135.0, 1.5);
(406637.5, 3759137.5, 130.9, 1.5); (406637.5, 3759087.5, 128.0, 1.5);
(406637.5, 3759037.5, 123.0, 1.5); (406637.5, 3758987.5, 122.0, 1.5);
(406637.5, 3758937.5, 122.7, 1.5); (406637.5, 3758887.5, 122.7, 1.5);
(406637.5, 3758837.5, 121.0, 1.5); (406637.5, 3758787.5, 119.0, 1.5);
(406637.5, 3758737.5, 117.0, 1.5); (406637.5, 3758687.5, 115.9, 1.5);
(406687.5, 3759137.5, 130.9, 1.5); (406687.5, 3759087.5, 128.0, 1.5);
(406687.5, 3759037.5, 127.0, 1.5); (406687.5, 3758987.5, 126.9, 1.5);
(406687.5, 3758937.5, 126.7, 1.5); (406687.5, 3758887.5, 123.9, 1.5);
(406687.5, 3758837.5, 122.0, 1.5); (406687.5, 3758737.5, 117.0, 1.5);
(406737.5, 3759137.5, 133.7, 1.5); (406737.5, 3759037.5, 133.7, 1.5);
(406737.5, 3758987.5, 130.9, 1.5); (406737.5, 3758937.5, 127.2, 1.5);
(406737.5, 37588637.5, 117.0, 1.5); (406787.5, 3759037.5, 138.7, 1.5);
(406787.5, 3758987.5, 131.9, 1.5); (406787.5, 3758937.5, 127.0, 1.5);
(406787.5, 37588687.5, 120.0, 1.5); (406787.5, 3758637.5, 116.0, 1.5);
(406837.5, 3758737.5, 123.9, 1.5); (406837.5, 3758687.5, 122.0, 1.5);
(406837.5, 3758637.5, 118.0, 1.5); (406887.5, 3758787.5, 126.7, 1.5);

• *** ISCS3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS ANNUAL PM emissions *** 11:18:22

**MODELOPTs: NOCALM PAGE 43
CONC URBAN ELEV FLGPOL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406887.5, 3758737.5, 123.9, 1.5); (406887.5, 3758687.5, 120.9, 1.5);
(406887.5, 3758637.5, 117.0, 1.5); (406937.5, 3758737.5, 123.0, 1.5);
(406937.5, 3758687.5, 119.9, 1.5); (406937.5, 3758637.5, 115.9, 1.5);
(406987.5, 3758737.5, 123.0, 1.5); (406987.5, 3758687.5, 119.9, 1.5);
(406987.5, 3758637.5, 115.0, 1.5); (407037.5, 3758687.5, 118.1, 1.5);
(407037.5, 3758637.5, 116.0, 1.5); (407087.5, 3758637.5, 122.0, 1.5);

Appendix B

PM Annual Emissions unmitigated

(407137.5, 3758637.5,	124.8,	1.5);	(407187.5, 3758637.5,	128.7,	1.5);
(407237.5, 3758637.5,	133.7,	1.5);	(407287.5, 3758637.5,	139.8,	1.5);
(407337.5, 3758637.5,	144.7,	1.5);	(407387.5, 3758637.5,	149.5,	1.5);
(407437.5, 3758637.5,	154.0,	1.5);	(407487.5, 3758637.5,	149.4,	1.5);
(407537.5, 3758637.5,	0.0,	1.5);	(407587.5, 3758637.5,	0.0,	1.5);
(407637.5, 3758637.5,	0.0,	1.5);	(407687.5, 3758637.5,	0.0,	1.5);
(407737.5, 3758637.5,	0.0,	1.5);	(407787.5, 3758637.5,	0.0,	1.5);
(407837.5, 3758637.5,	0.0,	1.5);	(407887.5, 3758637.5,	0.0,	1.5);
(407937.5, 3758637.5,	0.0,	1.5);	(407987.5, 3758637.5,	0.0,	1.5);
(408037.5, 3758637.5,	0.0,	1.5);	(408087.5, 3758637.5,	0.0,	1.5);
(405987.5, 3758637.5,	96.0,	1.5);	(405987.5, 3758587.5,	94.7,	1.5);
(406037.5, 3758637.5,	97.0,	1.5);	(406037.5, 3758587.5,	95.7,	1.5);
(406087.5, 3758637.5,	98.0,	1.5);	(406087.5, 3758587.5,	97.0,	1.5);
(406137.5, 3758637.5,	99.0,	1.5);	(406137.5, 3758587.5,	98.0,	1.5);
(406187.5, 3758637.5,	101.0,	1.5);	(406187.5, 3758587.5,	99.8,	1.5);
(406237.5, 3758637.5,	102.0,	1.5);	(406237.5, 3758587.5,	101.7,	1.5);
(406287.5, 3758637.5,	103.8,	1.5);	(406287.5, 3758587.5,	103.8,	1.5);
(406337.5, 3758637.5,	105.0,	1.5);	(406337.5, 3758587.5,	105.0,	1.5);
(406387.5, 3758637.5,	107.0,	1.5);	(406387.5, 3758587.5,	106.0,	1.5);
(406437.5, 3758637.5,	109.0,	1.5);	(406437.5, 3758587.5,	108.0,	1.5);
(406487.5, 3758637.5,	110.7,	1.5);	(406487.5, 3758587.5,	109.0,	1.5);
(406537.5, 3758637.5,	112.0,	1.5);	(406537.5, 3758587.5,	110.7,	1.5);
(406587.5, 3758587.5,	111.0,	1.5);	(406737.5, 3758587.5,	113.9,	1.5);
(406787.5, 3758587.5,	115.7,	1.5);	(406837.5, 3758587.5,	113.1,	1.5);
(406887.5, 3758587.5,	108.0,	1.5);	(406937.5, 3758587.5,	116.0,	1.5);
(406987.5, 3758587.5,	118.0,	1.5);	(407037.5, 3758587.5,	121.8,	1.5);
(407087.5, 3758587.5,	123.0,	1.5);	(407137.5, 3758587.5,	126.0,	1.5);
(407187.5, 3758587.5,	132.6,	1.5);	(407237.5, 3758587.5,	137.7,	1.5);
(407287.5, 3758587.5,	139.0,	1.5);	(407337.5, 3758587.5,	143.8,	1.5);
(407387.5, 3758587.5,	150.3,	1.5);	(407437.5, 3758587.5,	154.7,	1.5);
(407487.5, 3758587.5,	151.4,	1.5);	(407537.5, 3758587.5,	0.0,	1.5);
(407587.5, 3758587.5,	0.0,	1.5);	(407637.5, 3758587.5,	0.0,	1.5);
(407687.5, 3758587.5,	0.0,	1.5);	(407737.5, 3758587.5,	0.0,	1.5);
(407787.5, 3758587.5,	0.0,	1.5);	(407837.5, 3758587.5,	0.0,	1.5);
(407887.5, 3758587.5,	0.0,	1.5);	(407937.5, 3758587.5,	0.0,	1.5);
(407987.5, 3758587.5,	0.0,	1.5);	(408037.5, 3758587.5,	0.0,	1.5);
(408087.5, 3758587.5,	0.0,	1.5);	(408749.8, 3760427.5,	0.0,	0.0);
(408576.4, 3760430.5,	0.0,	0.0);	(408341.8, 3760655.3,	0.0,	0.0);
(408422.1, 3760726.5,	0.0,	0.0);	(408512.5, 3760597.3,	0.0,	0.0);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

*** ANALYSIS ANNUAL PM emissions

07/29/11

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**MODELOPTs:

CONC URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZFLAG)

(METERS)

(408737.2, 3760284.3,	0.0,	0.0);	(407589.2, 3757492.8,	0.0,	0.0);
(406297.8, 3757662.0,	87.0,	0.0);	(406584.2, 3757389.8,	79.0,	0.0);
(407118.8, 3757983.5,	114.2,	0.0);	(406874.3, 3758349.8,	116.0,	0.0);
(406620.2, 3758321.0,	107.0,	0.0);	(406622.5, 3757771.8,	94.1,	0.0);
(406913.0, 3757488.0,	86.7,	0.0);	(406700.6, 3757538.3,	87.1,	0.0);
(407066.2, 3757290.8,	86.2,	0.0);	(407127.3, 3757406.5,	92.0,	0.0);
(408971.5, 3759219.3,	0.0,	0.0);	(408922.5, 3758958.8,	0.0,	0.0);
(408826.5, 3758876.0,	0.0,	0.0);	(409072.4, 3758868.3,	0.0,	0.0);
(408995.0, 3758728.5,	0.0,	0.0);	(408227.3, 3758224.5,	0.0,	0.0);
(408139.7, 3758492.5,	0.0,	0.0);	(408582.0, 3758154.3,	0.0,	0.0);
(408461.6, 3758025.8,	0.0,	0.0);	(407729.4, 3758130.8,	0.0,	0.0);
(407645.4, 3757976.3,	0.0,	0.0);	(407482.9, 3757723.5,	130.9,	0.0);
(405320.4, 3759820.0,	121.0,	0.0);	(405904.1, 3759261.5,	124.5,	0.0);
(405691.5, 3759433.3,	136.0,	0.0);	(405617.4, 3759631.3,	165.1,	0.0);
(405524.7, 3759523.8,	131.7,	0.0);	(405402.4, 3759491.8,	129.0,	0.0);
(405646.0, 3759323.0,	120.1,	0.0);	(405616.3, 3759173.5,	105.0,	0.0);
(405512.6, 3759095.0,	98.0,	0.0);	(405377.5, 3759043.0,	95.0,	0.0);
(405466.3, 3758975.8,	94.0,	0.0);	(405527.8, 3758925.3,	94.0,	0.0);
(406550.6, 3758915.0,	116.0,	0.0);	(406480.5, 3759093.0,	123.0,	0.0);
(406259.7, 3759222.5,	129.4,	0.0);	(406195.8, 3759106.8,	120.9,	0.0);
(406070.3, 3759025.3,	113.0,	0.0);	(405757.6, 3758923.0,	101.4,	0.0);
(405844.4, 3758855.3,	100.8,	0.0);	(406318.1, 3758856.0,	110.8,	0.0);
(406403.5, 3759010.5,	119.1,	0.0);	(406352.0, 3759038.5,	120.0,	0.0);
(406045.0, 3760461.3,	192.0,	0.0);	(407358.3, 3758534.5,	147.9,	0.0);
(407261.7, 3758458.8,	145.1,	0.0);	(406506.8, 3758549.3,	109.0,	0.0);
(406457.9, 3758378.0,	105.0,	0.0);	(406301.7, 3758551.3,	104.0,	0.0);
(406205.0, 3758613.5,	101.0,	0.0);	(406115.4, 3758675.3,	100.0,	0.0);

Appendix B

Table with columns for coordinates (X, Y, Z) and values for 'PM Annual Emissions unmitigated'. Contains 20 rows of data.

*** ISCS T3 - VERSION 02035 ***
*** WHITTIER MATRIX OIL PROJECT ANALYSIS ANNUAL PM emissions ***
**MODELOPTs:
CONC URBAN ELEV FLGPOL NOCALM
*** 07/29/11
11:18:22
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*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

Grid of 1s and 0s representing meteorological days selected for processing. Each row and column represents a day.

METEOROLOGICAL DATA PROCESSED BETWEEN START DATE: 1981 1 1 0
AND END DATE: 1981 12 31 24

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

Table showing wind speed categories (1-6) and stability categories (A-F) with associated numerical values.

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

Table showing vertical potential temperature gradients for stability categories (A-F) across wind speed categories (1-6).

*** ISCS T3 - VERSION 02035 ***
*** WHITTIER MATRIX OIL PROJECT ANALYSIS ANNUAL PM emissions ***
*** 07/29/11
11:18:22

Appendix B

**MODELOPTs:
CONC URBAN ELEV FLGPOL

NOCALM

*** THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

FILE: c:\ISC\whittier.asc
 FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)
 SURFACE STATION NO.: 53114 UPPER AIR STATION NO.: 91919
 NAME: LOSANGELES NAME: LOSANGELES
 YEAR: 1981 YEAR: 1981

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING HEIGHT (M)		USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
								RURAL	URBAN					
81	01	01	01	179.8	1.00	282.6	7	387.2	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	02	169.9	0.00	282.6	7	397.3	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	03	85.0	1.00	283.1	7	407.3	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	04	256.0	1.00	283.7	7	417.4	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	05	174.0	1.00	281.5	7	427.5	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	06	117.0	1.00	281.5	7	437.5	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	07	184.5	1.00	280.4	7	447.6	152.0	0.0000	0.0	0.0000	0	0.00
81	01	01	08	134.6	1.00	282.0	6	71.6	202.6	0.0000	0.0	0.0000	0	0.00
81	01	01	09	96.5	1.00	286.5	5	146.0	255.1	0.0000	0.0	0.0000	0	0.00
81	01	01	10	324.1	1.00	290.4	4	220.4	307.7	0.0000	0.0	0.0000	0	0.00
81	01	01	11	314.1	1.34	294.3	3	294.8	360.3	0.0000	0.0	0.0000	0	0.00
81	01	01	12	305.6	1.79	295.4	3	369.2	412.9	0.0000	0.0	0.0000	0	0.00
81	01	01	13	289.7	1.79	297.6	3	443.6	465.4	0.0000	0.0	0.0000	0	0.00
81	01	01	14	259.2	1.34	295.9	2	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	01	01	15	359.8	1.34	294.8	2	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	01	01	16	8.2	1.79	293.1	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	01	01	17	357.6	1.34	290.4	4	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	01	01	18	52.6	1.00	288.1	5	518.0	468.1	0.0000	0.0	0.0000	0	0.00
81	01	01	19	358.0	1.00	287.6	6	518.0	425.6	0.0000	0.0	0.0000	0	0.00
81	01	01	20	33.2	1.00	287.0	7	518.0	383.1	0.0000	0.0	0.0000	0	0.00
81	01	01	21	178.6	1.00	285.9	7	518.0	340.6	0.0000	0.0	0.0000	0	0.00
81	01	01	22	137.0	1.00	285.9	7	518.0	298.0	0.0000	0.0	0.0000	0	0.00
81	01	01	23	90.7	1.00	285.4	7	518.0	255.5	0.0000	0.0	0.0000	0	0.00
81	01	01	24	134.7	1.00	284.8	7	518.0	213.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
 FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.
 • *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions

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**MODELOPTs:
CONC URBAN ELEV FLGPOL

NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
409779.53	3759787.50	0.00457	409779.34	3759762.50	0.00467
409779.19	3759737.50	0.00476	409779.03	3759712.50	0.00484
409778.88	3759687.50	0.00492	409778.72	3759662.50	0.00499
409778.53	3759637.50	0.00506	409778.38	3759612.50	0.00512
409778.22	3759587.50	0.00517	409778.06	3759562.50	0.00522
409777.88	3759537.50	0.00526	409777.72	3759512.50	0.00529
409777.56	3759487.50	0.00532	409777.41	3759462.50	0.00534
409777.25	3759437.50	0.00535	409777.06	3759412.50	0.00536
409776.91	3759387.50	0.00536	409776.75	3759362.50	0.00536
409776.56	3759337.50	0.00534	409776.41	3759312.50	0.00532
409776.25	3759287.50	0.00529	409776.09	3759262.50	0.00526
409775.94	3759237.50	0.00522	409775.66	3759212.50	0.00517
409775.38	3759187.50	0.00511	409775.13	3759162.50	0.00505
409774.84	3759137.50	0.00498	409774.59	3759112.50	0.00491
409774.31	3759087.50	0.00483	409774.03	3759062.50	0.00474
409773.78	3759037.50	0.00465	409765.25	3759020.25	0.00458
409740.25	3759020.50	0.00459	409715.25	3759021.00	0.00460

Appendix B

PM Annual Emissions unmitigated

409690.25	3759021.25	0.00460	409665.25	3759021.50	0.00460
409640.25	3759021.75	0.00461	409615.25	3759022.25	0.00461
409590.25	3759022.50	0.00462	409565.25	3759022.75	0.00462
409540.25	3759023.25	0.00462	409515.28	3759024.25	0.00463
409490.28	3759025.25	0.00463	409465.31	3759026.50	0.00464
409440.34	3759027.00	0.00464	409415.34	3759027.75	0.00465
409390.34	3759027.75	0.00465	409365.34	3759028.50	0.00465
409340.34	3759029.00	0.00465	409315.38	3759029.50	0.00465
409290.38	3759030.00	0.00465	409265.38	3759030.50	0.00465
409240.38	3759031.00	0.00465	409215.38	3759031.50	0.00465
409190.38	3759032.00	0.00465	409165.41	3759032.50	0.00464
409140.41	3759033.00	0.00464	409115.41	3759033.50	0.00464
409090.41	3759034.00	0.00464	409065.41	3759034.50	0.00463
409040.41	3759035.00	0.00463	409015.44	3759035.50	0.00463
408990.44	3759036.25	0.00462	408965.44	3759036.75	0.00462
408940.44	3759037.25	0.00461	408915.44	3759037.75	0.00461
408890.47	3759038.25	0.00460	408865.47	3759038.75	0.00460
408840.47	3759039.25	0.00459	408815.47	3759039.75	0.00458
408790.47	3759040.25	0.00458	408765.47	3759040.75	0.00457
408740.50	3759041.25	0.00457	408715.50	3759041.75	0.00456
408690.50	3759042.25	0.00455	408665.50	3759042.75	0.00455
408640.50	3759043.25	0.00454	408615.50	3759044.00	0.00454
408590.53	3759044.50	0.00453	408581.91	3759028.75	0.00440

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL PM emissions

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
408581.59	3759004.00	0.00421	408581.28	3758979.00	0.00402
408580.97	3758954.00	0.00384	408580.66	3758929.00	0.00368
408580.31	3758904.00	0.00353	408580.00	3758879.00	0.00340
408579.69	3758854.00	0.00329	408579.38	3758829.00	0.00319
408579.06	3758804.00	0.00310	408578.75	3758779.00	0.00303
408578.44	3758754.00	0.00296	408578.13	3758729.00	0.00291
408567.84	3758707.50	0.00287	408550.69	3758689.50	0.00284
408533.56	3758671.25	0.00281	408513.78	3758658.50	0.00279
408488.78	3758658.75	0.00279	408463.78	3758659.25	0.00278
408438.78	3758659.75	0.00278	408413.78	3758660.25	0.00278
408388.78	3758660.50	0.00278	408363.78	3758661.00	0.00278
408338.81	3758661.50	0.00278	408313.81	3758662.00	0.00278
408288.81	3758662.50	0.00278	408263.81	3758662.75	0.00278
408238.81	3758663.25	0.00279	408213.81	3758663.75	0.00280
408188.81	3758664.25	0.00281	408163.81	3758664.50	0.00282
408138.84	3758665.00	0.00284	408113.84	3758665.50	0.00285
408088.84	3758666.00	0.00287	408063.84	3758666.25	0.00290
408038.84	3758666.75	0.00292	408013.84	3758667.25	0.00295
407988.84	3758667.75	0.00298	407963.84	3758668.25	0.00302
407938.84	3758668.50	0.00305	407913.88	3758669.00	0.00308
407888.88	3758669.50	0.00311	407863.88	3758670.00	0.00314
407838.88	3758670.25	0.00317	407813.88	3758670.75	0.00319
407788.88	3758671.25	0.00321	407763.88	3758671.75	0.00322
407738.88	3758672.25	0.00322	407713.91	3758672.50	0.00321
407688.91	3758673.00	0.00319	407663.91	3758673.50	0.00316
407638.91	3758674.00	0.00312	407613.91	3758674.25	0.00306
407588.91	3758674.75	0.00300	407563.91	3758675.25	0.00293
407538.91	3758675.75	0.00285	407513.94	3758676.25	0.02898
407488.91	3758676.75	0.03625	407463.97	3758678.00	0.03662
407439.00	3758679.25	0.03676	407414.03	3758680.75	0.03601
407389.06	3758682.00	0.03226	407364.09	3758683.25	0.03391
407339.13	3758684.75	0.03583	407314.16	3758686.00	0.03851
407289.19	3758687.25	0.04229	407264.22	3758688.75	0.04551
407239.28	3758690.00	0.04892	407214.31	3758691.25	0.05121
407189.34	3758692.75	0.04829	407164.38	3758694.00	0.04285
407139.41	3758695.25	0.03744	407114.44	3758696.50	0.03593
407089.50	3758698.00	0.03746	407065.69	3758703.50	0.03950
407045.13	3758717.75	0.04019	407024.56	3758731.75	0.03946
407004.03	3758746.00	0.03831	406983.47	3758760.25	0.03774

Appendix B

PM Annual Emissions unmitigated
 406942.38 3758788.75 0.03660

406962.94 3758774.50 0.03740
 *** IS CST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406921.81	3758803.00	0.03649	406901.25	3758817.25	0.03627
406883.91	3758804.50	0.03299	406866.50	3758786.50	0.03186
406849.06	3758768.50	0.03142	406828.84	3758753.75	0.02990
406808.59	3758739.00	0.02907	406788.38	3758724.50	0.02744
406768.13	3758709.75	0.02631	406747.91	3758695.00	0.02544
406730.00	3758678.50	0.02477	406717.97	3758656.75	0.02390
406705.94	3758634.75	0.02277	406693.88	3758612.75	0.02114
406681.84	3758591.00	0.01989	406667.50	3758575.50	0.01922
406646.56	3758589.25	0.02048	406625.63	3758603.00	0.02224
406625.50	3758621.50	0.02335	406639.09	3758642.50	0.02402
406652.69	3758663.50	0.02533	406666.25	3758684.50	0.02661
406679.84	3758705.50	0.02857	406693.44	3758726.50	0.02994
406707.03	3758747.50	0.03121	406720.81	3758768.00	0.03215
406700.25	3758782.00	0.03581	406681.69	3758797.25	0.03862
406695.59	3758818.00	0.04000	406709.50	3758839.00	0.04257
406723.44	3758859.75	0.04476	406737.34	3758880.50	0.04707
406756.84	3758895.50	0.04864	406778.28	3758908.50	0.05120
406799.72	3758921.25	0.05529	406821.16	3758934.25	0.05681
406830.97	3758956.25	0.06131	406839.75	3758979.75	0.06588
406848.53	3759003.25	0.07760	406844.09	3759021.75	0.09125
406823.38	3759035.75	0.11336	406802.63	3759049.75	0.11886
406781.88	3759063.75	0.11981	406761.16	3759077.75	0.11839
406740.41	3759091.50	0.09827	406747.50	3759112.50	0.10227
406760.22	3759134.00	0.10959	406747.75	3759150.00	0.09724
406732.22	3759166.50	0.09089	406714.66	3759177.00	0.09376
406693.59	3759190.50	0.10056	406672.50	3759204.00	0.10616
406651.41	3759217.25	0.11382	406630.34	3759230.75	0.11846
406609.25	3759244.25	0.12143	406588.16	3759257.75	0.12285
406567.09	3759271.00	0.12067	406546.00	3759284.50	0.12039
406524.91	3759298.00	0.11922	406503.81	3759311.50	0.11605
406482.75	3759324.75	0.11411	406461.66	3759338.25	0.11256
406440.59	3759351.75	0.11037	406419.50	3759365.25	0.10848
406398.41	3759378.50	0.10874	406377.03	3759392.25	0.10951
406375.66	3759417.25	0.10917	406374.28	3759442.25	0.10903
406372.91	3759467.25	0.10564	406351.53	3759469.50	0.12092
406326.53	3759468.75	0.11748	406301.56	3759468.00	0.12053
406276.56	3759467.25	0.10836	406251.56	3759466.50	0.10349
406226.59	3759465.75	0.09863	406201.59	3759465.00	0.09380
406176.59	3759464.25	0.07484	406171.34	3759484.50	0.06780
406171.63	3759509.50	0.06227	406171.91	3759534.50	0.06043

*** IS CST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406172.19	3759559.50	0.05972	406172.47	3759584.50	0.05948
406172.75	3759609.50	0.05857	406173.03	3759634.50	0.06620
406173.28	3759659.50	0.06302	406173.56	3759684.50	0.06393
406173.84	3759709.50	0.05981	406174.13	3759734.50	0.05570
406174.41	3759759.50	0.05392	406174.69	3759784.50	0.05279
406174.97	3759809.50	0.05084	406175.22	3759834.50	0.04934
406175.50	3759859.50	0.04936	406152.34	3759859.50	0.04349

Appendix B

			PM Annual Emissions unmitigated			
406127.34	3759859.00	0.03555	406102.34	3759858.25	0.03474	
406077.38	3759857.50	0.04036	406052.38	3759856.75	0.03643	
406041.31	3759871.00	0.03557	406041.56	3759896.00	0.03465	
406041.84	3759921.00	0.03343	406042.09	3759946.00	0.03269	
406042.38	3759971.00	0.03165	406067.34	3759972.50	0.03277	
406092.34	3759973.50	0.03443	406117.31	3759974.25	0.03585	
406142.31	3759975.00	0.04037	406167.31	3759975.75	0.04310	
406187.16	3759980.75	0.04491	406187.44	3760005.75	0.04492	
406187.69	3760030.75	0.04482	406187.97	3760055.75	0.04678	
406188.25	3760080.75	0.04373	406188.50	3760105.75	0.03972	
406188.78	3760130.75	0.03975	406189.06	3760155.75	0.03945	
406189.31	3760180.75	0.03840	406189.59	3760205.75	0.03741	
406189.88	3760230.75	0.03603	406190.13	3760255.50	0.03523	
406198.22	3760273.75	0.03521	406223.22	3760274.50	0.03568	
406248.19	3760275.25	0.03695	406270.56	3760282.00	0.03700	
406289.75	3760298.25	0.03685	406308.91	3760314.25	0.03654	
406328.09	3760330.25	0.03559	406347.25	3760346.25	0.03546	
406366.44	3760362.25	0.03494	406385.59	3760378.50	0.03539	
406404.78	3760394.50	0.03514	406423.94	3760410.50	0.03439	
406438.56	3760430.50	0.03312	406453.13	3760451.00	0.03185	
406464.50	3760468.50	0.03062	406439.66	3760465.75	0.03052	
406414.84	3760462.75	0.03019	406390.31	3760458.25	0.03007	
406365.97	3760452.75	0.03037	406354.47	3760461.75	0.02984	
406362.25	3760484.25	0.02981	406383.81	3760497.00	0.02966	
406405.22	3760509.75	0.02943	406422.63	3760527.50	0.02932	
406440.06	3760545.50	0.02804	406459.63	3760554.25	0.02716	
406482.22	3760543.50	0.02736	406504.78	3760532.75	0.02699	
406527.34	3760522.00	0.02763	406549.91	3760511.25	0.02792	
406572.50	3760500.50	0.02837	406596.63	3760494.75	0.02907	
406621.09	3760489.75	0.02984	406645.00	3760486.75	0.02994	
406667.09	3760498.50	0.02984	406684.06	3760513.00	0.03009	
406685.72	3760538.00	0.02959	406687.41	3760563.00	0.02924	
406689.06	3760587.75	0.02860	406690.72	3760612.75	0.02825	
* *** ISCS T3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			***
			*** ANALYSIS ANNUAL PM emissions			07/29/11
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**MODELOPTs:						
CONC						
URBAN ELEV FLGPOL NOCALM						
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***						
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,						
*** DISCRETE CARTESIAN RECEPTOR POINTS ***						
** CONC OF OTHER IN MICROGRAMS/M**3 **						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
406692.41	3760637.75	0.02769	406694.06	3760662.75	0.02645	
406695.72	3760687.75	0.02566	406694.03	3760710.75	0.02516	
406675.66	3760727.75	0.02411	406657.31	3760744.75	0.02360	
406638.94	3760761.75	0.02296	406620.59	3760778.75	0.02245	
406600.09	3760790.50	0.02190	406575.31	3760793.75	0.02117	
406550.50	3760796.75	0.02080	406525.72	3760800.00	0.02044	
406500.91	3760803.25	0.02019	406478.03	3760812.00	0.01991	
406457.19	3760826.00	0.01927	406436.38	3760839.75	0.01888	
406415.53	3760853.50	0.01851	406392.28	3760856.25	0.01830	
406367.41	3760853.75	0.01834	406342.53	3760851.25	0.01813	
406317.66	3760848.75	0.01814	406292.78	3760846.00	0.01808	
406267.91	3760843.50	0.01791	406244.09	3760836.50	0.01807	
406220.34	3760828.75	0.01812	406196.59	3760821.00	0.01822	
406172.84	3760813.25	0.01840	406149.09	3760805.25	0.01855	
406125.34	3760797.50	0.01863	406105.59	3760782.50	0.01874	
406085.88	3760767.25	0.01884	406083.44	3760744.00	0.01932	
406083.94	3760719.00	0.01984	406084.44	3760694.00	0.02048	
406073.81	3760679.50	0.02069	406048.81	3760680.25	0.02051	
406023.81	3760681.00	0.02087	405998.84	3760681.75	0.02132	
405973.84	3760682.50	0.02157	405948.84	3760683.25	0.02119	
405923.88	3760684.00	0.02087	405898.88	3760684.75	0.02093	
405873.91	3760685.50	0.02253	405848.91	3760686.25	0.02506	
405823.91	3760687.00	0.02416	405798.94	3760687.75	0.02384	
405774.47	3760683.75	0.02358	405749.56	3760682.25	0.02350	
405724.56	3760682.50	0.02087	405699.56	3760682.75	0.02267	
405674.56	3760683.00	0.02254	405649.56	3760683.25	0.02006	
405632.09	3760691.50	0.01857	405632.81	3760716.50	0.01799	
405633.53	3760741.50	0.01754	405634.22	3760766.50	0.01712	
405634.94	3760791.50	0.01689	405635.63	3760816.50	0.01674	

Appendix B

		PM Annual Emissions unmitigated			
405636.34	3760841.50	0.01638	405637.06	3760866.50	0.01603
405637.75	3760891.50	0.01566	405638.47	3760916.50	0.01555
405639.16	3760941.50	0.01536	405639.88	3760966.50	0.01497
405644.09	3760990.75	0.01472	405653.31	3761014.00	0.01454
405653.75	3761039.00	0.01430	405654.16	3761064.00	0.01399
405654.53	3761089.00	0.01366	405672.81	3761096.25	0.01353
405697.78	3761095.50	0.01380	405722.78	3761095.00	0.01386
405747.78	3761094.50	0.01399	405772.78	3761093.75	0.01420
405797.75	3761093.25	0.01425	405822.75	3761092.50	0.01451
405847.75	3761092.00	0.01487	405872.75	3761091.50	0.01497
405897.72	3761090.75	0.01507	405922.72	3761090.25	0.01502

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL PM emissions

*** 07/29/11
*** 11:18:22
*** PAGE 52

**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER IN MICROGRAMS/M**3					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
405947.72	3761089.50	0.01497	405972.72	3761089.00	0.01517		
405997.72	3761088.50	0.01541	406022.69	3761087.75	0.01547		
406047.69	3761087.25	0.01506	406072.69	3761086.50	0.01451		
406097.69	3761086.00	0.01453	406122.66	3761085.50	0.01493		
406147.66	3761084.75	0.01537	406172.66	3761084.25	0.01530		
406197.66	3761083.50	0.01526	406222.66	3761083.00	0.01545		
406247.63	3761082.50	0.01607	406272.63	3761081.75	0.01601		
406297.63	3761081.25	0.01602	406322.59	3761080.50	0.01604		
406347.59	3761080.00	0.01668	406372.59	3761079.50	0.01691		
406397.59	3761078.75	0.01707	406422.59	3761078.25	0.01708		
406447.56	3761077.50	0.01719	406472.56	3761077.00	0.01783		
406497.56	3761076.50	0.01835	406522.56	3761075.75	0.01813		
406547.53	3761075.25	0.01796	406572.53	3761074.50	0.01813		
406597.53	3761074.00	0.01873	406622.53	3761073.50	0.01850		
406647.53	3761072.75	0.01875	406672.50	3761072.25	0.01936		
406697.50	3761071.50	0.01904	406722.50	3761071.00	0.01915		
406747.50	3761070.50	0.01970	406772.50	3761069.75	0.02050		
406797.47	3761069.25	0.02037	406822.47	3761068.50	0.02011		
406847.47	3761068.00	0.02007	406872.47	3761067.50	0.02013		
406897.44	3761066.75	0.02064	406922.44	3761066.25	0.02120		
406947.44	3761065.50	0.02172	406972.41	3761065.00	0.02244		
406997.41	3761064.50	0.02262	407021.13	3761061.75	0.02257		
407020.31	3761036.75	0.02346	407019.50	3761011.75	0.02342		
407018.69	3760986.75	0.02340	407017.84	3760961.75	0.02324		
407017.03	3760936.75	0.02336	407016.22	3760911.75	0.02335		
407015.41	3760886.75	0.02391	407014.59	3760861.75	0.02481		
407013.75	3760836.75	0.02577	407012.94	3760811.75	0.02665		
407012.13	3760787.00	0.02771	407011.31	3760762.00	0.02895		
407010.47	3760737.00	0.03030	407009.66	3760712.00	0.03190		
407008.84	3760687.00	0.03385	407008.03	3760662.00	0.03561		
407031.94	3760661.50	0.03659	407056.94	3760661.25	0.03833		
407081.94	3760661.25	0.03809	407106.94	3760661.00	0.03687		
407131.91	3760660.75	0.03535	407156.94	3760660.50	0.03422		
407181.94	3760660.25	0.03242	407206.91	3760660.00	0.03112		
407231.91	3760660.00	0.02985	407256.91	3760659.75	0.02878		
407281.91	3760659.50	0.02867	407306.91	3760659.25	0.02792		
407331.91	3760659.00	0.02759	407356.91	3760659.00	0.02659		
407381.91	3760658.75	0.02583	407406.91	3760658.50	0.02486		
407431.91	3760658.25	0.02388	407456.91	3760658.00	0.02311		
407481.91	3760657.75	0.02223	407506.91	3760657.75	0.02192		

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL PM emissions

*** 07/29/11
*** 11:18:22
*** PAGE 53

**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Appendix B

PM Annual Emissions unmitigated

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407531.91	3760657.50	0.02106	407556.91	3760657.25	0.00849
407581.91	3760657.00	0.00833	407606.91	3760656.75	0.00818
407631.91	3760656.75	0.00804	407656.91	3760656.50	0.00790
407681.91	3760656.25	0.00776	407706.91	3760656.00	0.00762
407731.91	3760655.75	0.00749	407756.91	3760655.50	0.00736
407781.91	3760655.50	0.00722	407806.91	3760655.25	0.00709
407831.91	3760655.00	0.00695	407856.91	3760654.75	0.00681
407881.91	3760654.50	0.00667	407906.91	3760654.25	0.00652
407931.91	3760654.25	0.00638	407956.91	3760654.00	0.00623
407981.91	3760653.75	0.00609	408006.91	3760653.50	0.00595
408031.88	3760653.25	0.00580	408056.88	3760653.25	0.00566
408081.91	3760653.00	0.00552	408106.91	3760652.75	0.00539
408131.88	3760652.50	0.00525	408156.88	3760652.25	0.00512
408181.88	3760652.00	0.00500	408206.88	3760652.00	0.00488
408225.75	3760645.00	0.00479	408224.94	3760620.00	0.00478
408224.16	3760595.00	0.00476	408223.34	3760570.00	0.00475
408222.56	3760545.00	0.00474	408221.75	3760520.00	0.00473
408220.94	3760495.00	0.00472	408220.16	3760470.00	0.00471
408219.34	3760445.00	0.00471	408218.56	3760420.00	0.00470
408217.75	3760395.00	0.00470	408216.94	3760370.00	0.00470
408216.16	3760345.00	0.00471	408215.34	3760320.00	0.00471
408214.56	3760295.00	0.00472	408213.75	3760270.00	0.00473
408212.97	3760245.25	0.00475	408212.16	3760220.25	0.00476
408211.38	3760195.25	0.00478	408210.56	3760170.25	0.00480
408209.75	3760145.25	0.00481	408208.97	3760120.25	0.00483
408208.16	3760095.25	0.00485	408207.38	3760070.25	0.00488
408206.56	3760045.25	0.00490	408205.75	3760020.25	0.00492
408204.97	3759995.25	0.00495	408204.16	3759970.25	0.00499
408203.38	3759945.25	0.00502	408202.56	3759920.25	0.00507
408201.78	3759895.25	0.00512	408200.97	3759870.25	0.00519
408201.59	3759847.50	0.00525	408226.56	3759847.25	0.00517
408251.56	3759846.75	0.00509	408276.56	3759846.25	0.00501
408301.56	3759846.00	0.00494	408326.56	3759845.50	0.00488
408351.56	3759845.25	0.00481	408376.56	3759844.75	0.00476
408401.56	3759844.50	0.00471	408426.56	3759844.00	0.00466
408451.53	3759843.75	0.00461	408476.53	3759843.25	0.00457
408501.53	3759842.75	0.00453	408526.53	3759842.50	0.00450
408551.53	3759842.00	0.00447	408576.53	3759841.75	0.00444
408601.53	3759841.25	0.00442	408626.53	3759841.00	0.00439
408651.53	3759840.50	0.00437	408676.53	3759840.25	0.00436

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 MODELOPTs: * ANALYSIS ANNUAL PM emissions *** 11:18:22
 CONC URBAN ELEV FLGPOL NOCALM PAGE 54

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
408701.53	3759839.75	0.00434	408726.50	3759839.50	0.00433
408751.50	3759839.00	0.00432	408776.50	3759838.50	0.00431
408801.50	3759838.25	0.00430	408826.50	3759837.75	0.00429
408851.50	3759837.50	0.00429	408876.50	3759837.00	0.00429
408901.50	3759836.75	0.00428	408926.50	3759836.25	0.00428
408951.50	3759836.00	0.00428	408976.47	3759835.50	0.00429
409001.50	3759835.00	0.00429	409026.47	3759834.75	0.00429
409051.47	3759834.25	0.00429	409076.47	3759834.00	0.00430
409101.47	3759833.50	0.00430	409126.47	3759833.25	0.00431
409151.47	3759833.00	0.00431	409176.47	3759832.50	0.00432
409201.47	3759832.25	0.00432	409226.47	3759832.00	0.00433
409251.47	3759831.50	0.00434	409276.44	3759831.25	0.00434
409301.44	3759831.00	0.00435	409326.44	3759830.50	0.00435
409351.44	3759830.25	0.00436	409376.44	3759830.00	0.00436
409401.44	3759829.50	0.00437	409426.44	3759829.25	0.00437
409451.44	3759829.00	0.00438	409476.44	3759828.50	0.00438
409501.44	3759828.25	0.00439	409526.44	3759828.00	0.00439
409551.44	3759827.50	0.00439	409576.44	3759827.25	0.00440
409601.44	3759827.00	0.00440	409626.41	3759826.50	0.00440

Appendix B

			PM Annual Emissions unmitigated				
409651.44	3759826.25	0.00440	409676.41	3759826.00	0.00441		
409700.88	3759821.50	0.00443	409724.59	3759813.50	0.00446		
409748.28	3759805.75	0.00449	409772.00	3759797.75	0.00453		
407390.94	3759093.50	0.10094	407365.13	3759080.25	0.10263		
407339.78	3759067.50	0.10030	407316.59	3759058.75	0.09208		
407283.19	3759053.00	0.08738	407252.94	3759048.75	0.09053		
407225.69	3759048.50	0.10528	407196.97	3759050.00	0.12805		
407179.00	3759048.00	0.13638	407162.81	3759027.25	0.13723		
407144.13	3759004.00	0.12307	407126.47	3758984.75	0.10412		
407105.78	3758967.50	0.09286	407088.16	3758951.75	0.08637		
407069.53	3758935.25	0.07843	407049.31	3758918.50	0.07010		
407036.31	3758905.00	0.06334	407039.69	3758879.25	0.06429		
407046.66	3758854.25	0.06011	407052.50	3758829.00	0.05786		
407055.88	3758804.50	0.05462	407059.22	3758781.50	0.05115		
407066.25	3758771.75	0.05058	407073.94	3758765.00	0.04928		
407083.13	3758759.50	0.04843	407094.38	3758756.75	0.04880		
407109.31	3758764.25	0.05093	407134.59	3758776.75	0.05176		
407157.81	3758790.75	0.05324	407181.59	3758803.25	0.05402		
407205.38	3758815.75	0.05264	407230.69	3758833.50	0.05111		
407254.03	3758858.25	0.04712	407272.69	3758877.50	0.04310		
405962.50	3758512.50	0.01466	405962.50	3758487.50	0.01440		
• *** ISCST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			***	07/29/11
			*** ANALYSIS ANNUAL PM emissions			***	11:18:22
**MODELOPTs:			URBAN ELEV FLGPOL			NOCALM	
CONC							
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION			VALUES FOR SOURCE GROUP: 1			***	
INCLUDING SOURCE(S):			1 , 2 , 3 , 4 ,				
*** DISCRETE CARTESIAN RECEPTOR POINTS ***							
		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
405962.50	3758462.50	0.01435	405962.50	3758437.50	0.01427		
405962.50	3758412.50	0.01402	405962.50	3758387.50	0.01390		
405962.50	3758362.50	0.01371	405962.50	3758337.50	0.01355		
405962.50	3758312.50	0.01338	405962.50	3758287.50	0.01320		
405962.50	3758262.50	0.01301	405962.50	3758237.50	0.01268		
405962.50	3758212.50	0.01245	405962.50	3758187.50	0.01221		
405962.50	3758162.50	0.01200	405962.50	3758137.50	0.01167		
405987.50	3758512.50	0.01508	405987.50	3758487.50	0.01485		
405987.50	3758462.50	0.01463	405987.50	3758437.50	0.01445		
405987.50	3758412.50	0.01433	405987.50	3758387.50	0.01419		
405987.50	3758362.50	0.01403	405987.50	3758337.50	0.01386		
405987.50	3758312.50	0.01366	405987.50	3758287.50	0.01346		
405987.50	3758262.50	0.01321	405987.50	3758237.50	0.01284		
405987.50	3758212.50	0.01262	405987.50	3758187.50	0.01236		
405987.50	3758162.50	0.01206	405987.50	3758137.50	0.01178		
406012.50	3758512.50	0.01541	406012.50	3758487.50	0.01530		
406012.50	3758462.50	0.01500	406012.50	3758437.50	0.01485		
406012.50	3758412.50	0.01470	406012.50	3758387.50	0.01438		
406012.50	3758362.50	0.01420	406012.50	3758337.50	0.01401		
406012.50	3758312.50	0.01386	406012.50	3758287.50	0.01357		
406012.50	3758262.50	0.01329	406012.50	3758237.50	0.01305		
406012.50	3758212.50	0.01281	406012.50	3758187.50	0.01245		
406012.50	3758162.50	0.01217	406012.50	3758137.50	0.01193		
406037.50	3758512.50	0.01586	406037.50	3758487.50	0.01569		
406037.50	3758462.50	0.01538	406037.50	3758437.50	0.01523		
406037.50	3758412.50	0.01501	406037.50	3758387.50	0.01466		
406037.50	3758362.50	0.01445	406037.50	3758337.50	0.01423		
406037.50	3758312.50	0.01400	406037.50	3758287.50	0.01376		
406037.50	3758262.50	0.01351	406037.50	3758237.50	0.01321		
406037.50	3758212.50	0.01282	406037.50	3758187.50	0.01257		
406037.50	3758162.50	0.01232	406037.50	3758137.50	0.01207		
406062.50	3758512.50	0.01634	406062.50	3758487.50	0.01603		
406062.50	3758462.50	0.01580	406062.50	3758437.50	0.01546		
406062.50	3758412.50	0.01523	406062.50	3758387.50	0.01498		
406062.50	3758362.50	0.01475	406062.50	3758337.50	0.01450		
406062.50	3758312.50	0.01425	406062.50	3758287.50	0.01398		
406062.50	3758262.50	0.01365	406062.50	3758237.50	0.01331		
406062.50	3758212.50	0.01300	406062.50	3758187.50	0.01260		
406062.50	3758162.50	0.01232	406062.50	3758137.50	0.01208		
406087.50	3758512.50	0.01656	406087.50	3758487.50	0.01641		
• *** ISCST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			***	07/29/11

Appendix B

PM Annual Emissions unmitigated

*** ANALYSIS ANNUAL PM emissions

11:18:22
PAGE 56

**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406087.50	3758462.50	0.01619	406087.50	3758437.50	0.01577
406087.50	3758412.50	0.01554	406087.50	3758387.50	0.01530
406087.50	3758362.50	0.01504	406087.50	3758337.50	0.01472
406087.50	3758312.50	0.01445	406087.50	3758287.50	0.01416
406087.50	3758262.50	0.01372	406087.50	3758237.50	0.01344
406087.50	3758212.50	0.01312	406087.50	3758187.50	0.01270
406087.50	3758162.50	0.01242	406087.50	3758137.50	0.01215
406112.50	3758512.50	0.01704	406112.50	3758487.50	0.01684
406112.50	3758462.50	0.01640	406112.50	3758437.50	0.01614
406112.50	3758412.50	0.01588	406112.50	3758387.50	0.01544
406112.50	3758362.50	0.01516	406112.50	3758337.50	0.01487
406112.50	3758312.50	0.01451	406112.50	3758287.50	0.01421
406112.50	3758262.50	0.01391	406112.50	3758237.50	0.01361
406112.50	3758212.50	0.01318	406112.50	3758187.50	0.01288
406112.50	3758162.50	0.01253	406112.50	3758137.50	0.01224
406137.50	3758512.50	0.01752	406137.50	3758487.50	0.01702
406137.50	3758462.50	0.01677	406137.50	3758437.50	0.01644
406137.50	3758412.50	0.01596	406137.50	3758387.50	0.01567
406137.50	3758362.50	0.01536	406137.50	3758337.50	0.01505
406137.50	3758312.50	0.01473	406137.50	3758287.50	0.01441
406137.50	3758262.50	0.01404	406137.50	3758237.50	0.01372
406137.50	3758212.50	0.01332	406137.50	3758187.50	0.01294
406137.50	3758162.50	0.01263	406137.50	3758137.50	0.01231
406162.50	3758512.50	0.01788	406162.50	3758487.50	0.01744
406162.50	3758462.50	0.01705	406162.50	3758437.50	0.01659
406162.50	3758412.50	0.01627	406162.50	3758387.50	0.01595
406162.50	3758362.50	0.01544	406162.50	3758337.50	0.01511
406162.50	3758312.50	0.01474	406162.50	3758287.50	0.01438
406162.50	3758262.50	0.01404	406162.50	3758237.50	0.01371
406162.50	3758212.50	0.01337	406162.50	3758187.50	0.01303
406162.50	3758162.50	0.01269	406162.50	3758137.50	0.01235
406187.50	3758512.50	0.01815	406187.50	3758487.50	0.01778
406187.50	3758462.50	0.01725	406187.50	3758437.50	0.01692
406187.50	3758412.50	0.01654	406187.50	3758387.50	0.01615
406187.50	3758362.50	0.01561	406187.50	3758337.50	0.01526
406187.50	3758312.50	0.01490	406187.50	3758287.50	0.01454
406187.50	3758262.50	0.01418	406187.50	3758237.50	0.01382
406187.50	3758212.50	0.01346	406187.50	3758187.50	0.01310
406187.50	3758162.50	0.01270	406187.50	3758137.50	0.01221
406212.50	3758512.50	0.01859	406212.50	3758487.50	0.01804

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL PM emissions

07/29/11
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**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406212.50	3758462.50	0.01759	406212.50	3758437.50	0.01722
406212.50	3758412.50	0.01666	406212.50	3758387.50	0.01621
406212.50	3758362.50	0.01590	406212.50	3758337.50	0.01545
406212.50	3758312.50	0.01506	406212.50	3758287.50	0.01468
406212.50	3758262.50	0.01429	406212.50	3758237.50	0.01391
406212.50	3758212.50	0.01352	406212.50	3758187.50	0.01313
406212.50	3758162.50	0.01268	406212.50	3758137.50	0.01219
406237.50	3758512.50	0.01913	406237.50	3758487.50	0.01856
406237.50	3758462.50	0.01793	406237.50	3758437.50	0.01745

Appendix B

PM Annual Emissions unmitigated

406237.50	3758412.50	0.01683	406237.50	3758387.50	0.01643
406237.50	3758362.50	0.01602	406237.50	3758337.50	0.01556
406237.50	3758312.50	0.01515	406237.50	3758287.50	0.01474
406237.50	3758262.50	0.01433	406237.50	3758237.50	0.01392
406237.50	3758212.50	0.01355	406237.50	3758187.50	0.01313
406237.50	3758162.50	0.01255	406237.50	3758137.50	0.01214
406262.50	3758512.50	0.01962	406262.50	3758487.50	0.01899
406262.50	3758462.50	0.01832	406262.50	3758437.50	0.01778
406262.50	3758412.50	0.01711	406262.50	3758387.50	0.01663
406262.50	3758362.50	0.01619	406262.50	3758337.50	0.01558
406262.50	3758312.50	0.01508	406262.50	3758287.50	0.01465
406262.50	3758262.50	0.01425	406262.50	3758237.50	0.01384
406262.50	3758212.50	0.01335	406262.50	3758187.50	0.01291
406262.50	3758162.50	0.01248	406262.50	3758137.50	0.01190
406287.50	3758512.50	0.01992	406287.50	3758487.50	0.01931
406287.50	3758462.50	0.01863	406287.50	3758437.50	0.01798
406287.50	3758412.50	0.01738	406287.50	3758387.50	0.01681
406287.50	3758362.50	0.01630	406287.50	3758337.50	0.01580
406287.50	3758312.50	0.01516	406287.50	3758287.50	0.01469
406287.50	3758262.50	0.01423	406287.50	3758237.50	0.01376
406287.50	3758212.50	0.01330	406287.50	3758187.50	0.01266
406287.50	3758162.50	0.01222	406287.50	3758137.50	0.01178
406312.50	3758512.50	0.02020	406312.50	3758487.50	0.01939
406312.50	3758462.50	0.01878	406312.50	3758437.50	0.01826
406312.50	3758412.50	0.01753	406312.50	3758387.50	0.01695
406312.50	3758362.50	0.01644	406312.50	3758337.50	0.01576
406312.50	3758312.50	0.01519	406312.50	3758287.50	0.01469
406312.50	3758262.50	0.01420	406312.50	3758237.50	0.01370
406312.50	3758212.50	0.01305	406312.50	3758187.50	0.01255
406312.50	3758162.50	0.01197	406312.50	3758137.50	0.01147
406337.50	3758512.50	0.02047	406337.50	3758487.50	0.01956

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11

*** ANALYSIS ANNUAL PM emissions *** 11:18:22

**MODELOPTs: PAGE 58

CONC URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***

INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

*** ** CONC OF OTHER IN MICROGRAMS/M**3 ** ***

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406337.50	3758462.50	0.01897	406337.50	3758437.50	0.01837
406337.50	3758412.50	0.01760	406337.50	3758387.50	0.01705
406337.50	3758362.50	0.01647	406337.50	3758337.50	0.01572
406337.50	3758312.50	0.01518	406337.50	3758287.50	0.01443
406337.50	3758262.50	0.01392	406337.50	3758237.50	0.01340
406337.50	3758212.50	0.01280	406337.50	3758187.50	0.01223
406337.50	3758162.50	0.01176	406337.50	3758137.50	0.01130
406362.50	3758512.50	0.02062	406362.50	3758487.50	0.01979
406362.50	3758462.50	0.01919	406362.50	3758437.50	0.01837
406362.50	3758412.50	0.01773	406362.50	3758387.50	0.01710
406362.50	3758362.50	0.01627	406362.50	3758337.50	0.01569
406362.50	3758312.50	0.01512	406362.50	3758287.50	0.01434
406362.50	3758262.50	0.01379	406362.50	3758237.50	0.01307
406362.50	3758212.50	0.01244	406362.50	3758187.50	0.01189
406362.50	3758162.50	0.01140	406362.50	3758137.50	0.01093
406387.50	3758512.50	0.02064	406387.50	3758487.50	0.01998
406387.50	3758462.50	0.01926	406387.50	3758437.50	0.01837
406387.50	3758412.50	0.01774	406387.50	3758387.50	0.01684
406387.50	3758362.50	0.01622	406387.50	3758337.50	0.01556
406387.50	3758312.50	0.01478	406387.50	3758287.50	0.01419
406387.50	3758262.50	0.01343	406387.50	3758237.50	0.01271
406387.50	3758212.50	0.01202	406387.50	3758187.50	0.01142
406387.50	3758162.50	0.01093	406387.50	3758137.50	0.01051
406412.50	3758512.50	0.02083	406412.50	3758487.50	0.01978
406412.50	3758462.50	0.01910	406412.50	3758437.50	0.01841
406412.50	3758412.50	0.01748	406412.50	3758387.50	0.01678
406412.50	3758362.50	0.01603	406412.50	3758337.50	0.01524
406412.50	3758312.50	0.01454	406412.50	3758287.50	0.01381
406412.50	3758262.50	0.01302	406412.50	3758237.50	0.01214
406412.50	3758212.50	0.01155	406412.50	3758187.50	0.01103
406412.50	3758162.50	0.01060	406412.50	3758137.50	0.01019

Appendix B

PM Annual Emissions unmitigated

406437.50	3758512.50	0.02073	406437.50	3758487.50	0.01986
406437.50	3758462.50	0.01891	406437.50	3758437.50	0.01808
406437.50	3758412.50	0.01737	406437.50	3758387.50	0.01660
406437.50	3758362.50	0.01572	406437.50	3758337.50	0.01506
406437.50	3758312.50	0.01420	406437.50	3758287.50	0.01340
406437.50	3758262.50	0.01246	406437.50	3758237.50	0.01162
406437.50	3758212.50	0.01112	406437.50	3758187.50	0.01069
406437.50	3758162.50	0.01028	406437.50	3758137.50	0.00991
406462.50	3758512.50	0.02067	406462.50	3758487.50	0.01953

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL PM emissions

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406462.50	3758462.50	0.01875	406462.50	3758437.50	0.01776
406462.50	3758412.50	0.01694	406462.50	3758387.50	0.01622
406462.50	3758362.50	0.01542	406462.50	3758337.50	0.01460
406462.50	3758312.50	0.01389	406462.50	3758287.50	0.01302
406462.50	3758262.50	0.01193	406462.50	3758237.50	0.01122
406462.50	3758212.50	0.01078	406462.50	3758187.50	0.01042
406462.50	3758162.50	0.01009	406462.50	3758137.50	0.00982
406487.50	3758512.50	0.02062	406487.50	3758487.50	0.01945
406487.50	3758462.50	0.01831	406487.50	3758437.50	0.01752
406487.50	3758412.50	0.01647	406487.50	3758387.50	0.01573
406487.50	3758362.50	0.01503	406487.50	3758337.50	0.01413
406487.50	3758312.50	0.01351	406487.50	3758287.50	0.01274
406487.50	3758262.50	0.01142	406487.50	3758237.50	0.01087
406487.50	3758212.50	0.01061	406487.50	3758187.50	0.01036
406487.50	3758162.50	0.01003	406487.50	3758137.50	0.00981
406512.50	3758512.50	0.02019	406512.50	3758487.50	0.01897
406512.50	3758462.50	0.01780	406512.50	3758437.50	0.01671
406512.50	3758412.50	0.01595	406512.50	3758387.50	0.01522
406512.50	3758362.50	0.01437	406512.50	3758337.50	0.01366
406512.50	3758312.50	0.01291	406512.50	3758287.50	0.01196
406512.50	3758262.50	0.01097	406512.50	3758237.50	0.01066
406512.50	3758212.50	0.01081	406512.50	3758187.50	0.01045
406512.50	3758162.50	0.01011	406512.50	3758137.50	0.00980
406537.50	3758512.50	0.01982	406537.50	3758487.50	0.01841
406537.50	3758462.50	0.01724	406537.50	3758437.50	0.01615
406537.50	3758412.50	0.01540	406537.50	3758387.50	0.01451
406537.50	3758362.50	0.01372	406537.50	3758337.50	0.01300
406537.50	3758312.50	0.01236	406537.50	3758287.50	0.01175
406537.50	3758262.50	0.01135	406537.50	3758237.50	0.01140
406537.50	3758212.50	0.01087	406537.50	3758187.50	0.01039
406537.50	3758162.50	0.01000	406537.50	3758137.50	0.00967
406562.50	3758512.50	0.01926	406562.50	3758487.50	0.01780
406562.50	3758462.50	0.01660	406562.50	3758437.50	0.01558
406562.50	3758412.50	0.01461	406562.50	3758387.50	0.01372
406562.50	3758362.50	0.01314	406562.50	3758337.50	0.01260
406562.50	3758312.50	0.01217	406562.50	3758287.50	0.01184
406562.50	3758262.50	0.01154	406562.50	3758237.50	0.01122
406562.50	3758212.50	0.01075	406562.50	3758187.50	0.01040
406562.50	3758162.50	0.01002	406562.50	3758137.50	0.00973
406587.50	3758512.50	0.01871	406587.50	3758487.50	0.01722

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL PM emissions

*** 07/29/11
*** 11:18:22
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**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-------------	-------------	------	-------------	-------------	------

Appendix B

PM Annual Emissions unmitigated

406587.50	3758462.50	0.01589	406587.50	3758437.50	0.01476
406587.50	3758412.50	0.01410	406587.50	3758387.50	0.01345
406587.50	3758362.50	0.01283	406587.50	3758337.50	0.01242
406587.50	3758312.50	0.01218	406587.50	3758287.50	0.01178
406587.50	3758262.50	0.01140	406587.50	3758237.50	0.01106
406587.50	3758212.50	0.01075	406587.50	3758187.50	0.01044
406587.50	3758162.50	0.01007	406587.50	3758137.50	0.00981
406612.50	3758512.50	0.01802	406612.50	3758487.50	0.01652
406612.50	3758462.50	0.01512	406612.50	3758437.50	0.01425
406612.50	3758412.50	0.01365	406612.50	3758387.50	0.01296
406612.50	3758362.50	0.01277	406612.50	3758337.50	0.01250
406612.50	3758312.50	0.01225	406612.50	3758287.50	0.01184
406612.50	3758262.50	0.01149	406612.50	3758237.50	0.01114
406612.50	3758212.50	0.01079	406612.50	3758187.50	0.01045
406612.50	3758162.50	0.01022	406612.50	3758137.50	0.01000
406637.50	3758512.50	0.01706	406637.50	3758487.50	0.01592
406637.50	3758462.50	0.01480	406637.50	3758437.50	0.01381
406637.50	3758412.50	0.01338	406637.50	3758387.50	0.01320
406637.50	3758362.50	0.01307	406637.50	3758337.50	0.01294
406637.50	3758312.50	0.01257	406637.50	3758287.50	0.01205
406637.50	3758262.50	0.01163	406637.50	3758237.50	0.01124
406637.50	3758212.50	0.01086	406637.50	3758187.50	0.01060
406637.50	3758162.50	0.01027	406637.50	3758137.50	0.01008
406662.50	3758512.50	0.01674	406662.50	3758487.50	0.01570
406662.50	3758462.50	0.01485	406662.50	3758437.50	0.01429
406662.50	3758412.50	0.01401	406662.50	3758387.50	0.01354
406662.50	3758362.50	0.01333	406662.50	3758337.50	0.01309
406662.50	3758312.50	0.01266	406662.50	3758287.50	0.01221
406662.50	3758262.50	0.01175	406662.50	3758237.50	0.01137
406662.50	3758212.50	0.01109	406662.50	3758187.50	0.01072
406662.50	3758162.50	0.01052	406662.50	3758137.50	0.01019
406687.50	3758512.50	0.01623	406687.50	3758487.50	0.01557
406687.50	3758462.50	0.01499	406687.50	3758437.50	0.01467
406687.50	3758412.50	0.01424	406687.50	3758387.50	0.01377
406687.50	3758362.50	0.01351	406687.50	3758337.50	0.01323
406687.50	3758312.50	0.01276	406687.50	3758287.50	0.01228
406687.50	3758262.50	0.01192	406687.50	3758237.50	0.01160
406687.50	3758212.50	0.01122	406687.50	3758187.50	0.01101
406687.50	3758162.50	0.01067	406687.50	3758137.50	0.01035
406712.50	3758512.50	0.01585	406712.50	3758487.50	0.01537
* *** IS CST3 - VERSION 02035 ***					
*** WHITTIER MATRIX OIL PROJECT					
*** ANALYSIS ANNUAL PM emissions					
*** 07/29/11					
*** 11:18:22					
*** PAGE 61					
**MODELOPTs:					
CONC					
URBAN ELEV FLGPOL NOCALM					
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1					
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,					
*** DISCRETE CARTESIAN RECEPTOR POINTS ***					
** CONC OF OTHER IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406712.50	3758462.50	0.01506	406712.50	3758437.50	0.01467
406712.50	3758412.50	0.01442	406712.50	3758387.50	0.01404
406712.50	3758362.50	0.01369	406712.50	3758337.50	0.01336
406712.50	3758312.50	0.01287	406712.50	3758287.50	0.01241
406712.50	3758262.50	0.01217	406712.50	3758237.50	0.01177
406712.50	3758212.50	0.01156	406712.50	3758187.50	0.01120
406712.50	3758162.50	0.01089	406712.50	3758137.50	0.01055
406737.50	3758512.50	0.01578	406737.50	3758487.50	0.01545
406737.50	3758462.50	0.01524	406737.50	3758437.50	0.01486
406737.50	3758412.50	0.01458	406737.50	3758387.50	0.01433
406737.50	3758362.50	0.01405	406737.50	3758337.50	0.01354
406737.50	3758312.50	0.01313	406737.50	3758287.50	0.01281
406737.50	3758262.50	0.01239	406737.50	3758237.50	0.01218
406737.50	3758212.50	0.01180	406737.50	3758187.50	0.01145
406737.50	3758162.50	0.01112	406737.50	3758137.50	0.01080
406762.50	3758512.50	0.01587	406762.50	3758487.50	0.01574
406762.50	3758462.50	0.01542	406762.50	3758437.50	0.01525
406762.50	3758412.50	0.01491	406762.50	3758387.50	0.01459
406762.50	3758362.50	0.01435	406762.50	3758337.50	0.01400
406762.50	3758312.50	0.01356	406762.50	3758287.50	0.01315
406762.50	3758262.50	0.01287	406762.50	3758237.50	0.01248

Appendix B

PM Annual Emissions unmitigated

406762.50	3758212.50	0.01222	406762.50	3758187.50	0.01176
406762.50	3758162.50	0.01142	406762.50	3758137.50	0.01111
406787.50	3758512.50	0.01597	406787.50	3758487.50	0.01591
406787.50	3758462.50	0.01584	406787.50	3758437.50	0.01572
406787.50	3758412.50	0.01545	406787.50	3758387.50	0.01515
406787.50	3758362.50	0.01495	406787.50	3758337.50	0.01454
406787.50	3758312.50	0.01411	406787.50	3758287.50	0.01383
406787.50	3758262.50	0.01332	406787.50	3758237.50	0.01304
406787.50	3758212.50	0.01266	406787.50	3758187.50	0.01213
406787.50	3758162.50	0.01180	406787.50	3758137.50	0.01135
406812.50	3758512.50	0.01643	406812.50	3758487.50	0.01652
406812.50	3758462.50	0.01638	406812.50	3758437.50	0.01625
406812.50	3758412.50	0.01618	406812.50	3758387.50	0.01591
406812.50	3758362.50	0.01562	406812.50	3758337.50	0.01529
406812.50	3758312.50	0.01472	406812.50	3758287.50	0.01435
406812.50	3758262.50	0.01394	406812.50	3758237.50	0.01351
406812.50	3758212.50	0.01313	406812.50	3758187.50	0.01277
406812.50	3758162.50	0.01215	406812.50	3758137.50	0.01175
406837.50	3758512.50	0.01721	406837.50	3758487.50	0.01698

*** ISCS T3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions *** 11:18:22
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 CONC URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406837.50	3758462.50	0.01698	406837.50	3758437.50	0.01699
406837.50	3758412.50	0.01709	406837.50	3758387.50	0.01689
406837.50	3758362.50	0.01649	406837.50	3758337.50	0.01612
406837.50	3758312.50	0.01559	406837.50	3758287.50	0.01493
406837.50	3758262.50	0.01440	406837.50	3758237.50	0.01391
406837.50	3758212.50	0.01368	406837.50	3758187.50	0.01331
406837.50	3758162.50	0.01282	406837.50	3758137.50	0.01240
406862.50	3758512.50	0.01799	406862.50	3758487.50	0.01794
406862.50	3758462.50	0.01797	406862.50	3758437.50	0.01799
406862.50	3758412.50	0.01799	406862.50	3758387.50	0.01777
406862.50	3758362.50	0.01740	406862.50	3758337.50	0.01711
406862.50	3758312.50	0.01646	406862.50	3758287.50	0.01537
406862.50	3758262.50	0.01478	406862.50	3758237.50	0.01457
406862.50	3758212.50	0.01439	406862.50	3758187.50	0.01415
406862.50	3758162.50	0.01397	406862.50	3758137.50	0.01366
406887.50	3758512.50	0.01933	406887.50	3758487.50	0.01910
406887.50	3758462.50	0.01896	406887.50	3758437.50	0.01912
406887.50	3758412.50	0.01901	406887.50	3758387.50	0.01889
406887.50	3758362.50	0.01855	406887.50	3758337.50	0.01800
406887.50	3758312.50	0.01690	406887.50	3758287.50	0.01570
406887.50	3758262.50	0.01564	406887.50	3758237.50	0.01568
406887.50	3758212.50	0.01569	406887.50	3758187.50	0.01543
406887.50	3758162.50	0.01522	406887.50	3758137.50	0.01506
406912.50	3758512.50	0.02070	406912.50	3758487.50	0.02052
406912.50	3758462.50	0.02020	406912.50	3758437.50	0.02025
406912.50	3758412.50	0.02046	406912.50	3758387.50	0.02027
406912.50	3758362.50	0.01963	406912.50	3758337.50	0.01900
406912.50	3758312.50	0.01746	406912.50	3758287.50	0.01649
406912.50	3758262.50	0.01705	406912.50	3758237.50	0.01747
406912.50	3758212.50	0.01729	406912.50	3758187.50	0.01694
406912.50	3758162.50	0.01669	406912.50	3758137.50	0.01643
406937.50	3758512.50	0.02253	406937.50	3758487.50	0.02218
406937.50	3758462.50	0.02177	406937.50	3758437.50	0.02148
406937.50	3758412.50	0.02182	406937.50	3758387.50	0.02148
406937.50	3758362.50	0.02078	406937.50	3758337.50	0.01984
406937.50	3758312.50	0.01850	406937.50	3758287.50	0.01867
406937.50	3758262.50	0.01917	406937.50	3758237.50	0.01955
406937.50	3758212.50	0.01940	406937.50	3758187.50	0.01905
406937.50	3758162.50	0.01856	406937.50	3758137.50	0.01797
406962.50	3758512.50	0.02522	406962.50	3758487.50	0.02476

*** ISCS T3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
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CONC

URBAN ELEV FLGPOL

PM Annual Emissions unmitigated
NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406962.50	3758462.50	0.02431	406962.50	3758437.50	0.02375
406962.50	3758412.50	0.02369	406962.50	3758387.50	0.02313
406962.50	3758362.50	0.02174	406962.50	3758337.50	0.02088
406962.50	3758312.50	0.02059	406962.50	3758287.50	0.02090
406962.50	3758262.50	0.02163	406962.50	3758237.50	0.02154
406962.50	3758212.50	0.02119	406962.50	3758187.50	0.02086
406962.50	3758162.50	0.02006	406962.50	3758137.50	0.01907
406987.50	3758512.50	0.02849	406987.50	3758487.50	0.02792
406987.50	3758462.50	0.02686	406987.50	3758437.50	0.02628
406987.50	3758412.50	0.02554	406987.50	3758387.50	0.02443
406987.50	3758362.50	0.02279	406987.50	3758337.50	0.02198
406987.50	3758312.50	0.02174	406987.50	3758287.50	0.02250
406987.50	3758262.50	0.02323	406987.50	3758237.50	0.02275
406987.50	3758212.50	0.02228	406987.50	3758187.50	0.02155
406987.50	3758162.50	0.02034	406987.50	3758137.50	0.01914
407012.50	3758512.50	0.03097	407012.50	3758487.50	0.03021
407012.50	3758462.50	0.02947	407012.50	3758437.50	0.02841
407012.50	3758412.50	0.02736	407012.50	3758387.50	0.02607
407012.50	3758362.50	0.02476	407012.50	3758337.50	0.02435
407012.50	3758312.50	0.02381	407012.50	3758287.50	0.02423
407012.50	3758262.50	0.02413	407012.50	3758237.50	0.02335
407012.50	3758212.50	0.02265	407012.50	3758187.50	0.02142
407012.50	3758162.50	0.02005	407012.50	3758137.50	0.01961
407037.50	3758512.50	0.03284	407037.50	3758487.50	0.03228
407037.50	3758462.50	0.03133	407037.50	3758437.50	0.03043
407037.50	3758412.50	0.02921	407037.50	3758387.50	0.02794
407037.50	3758362.50	0.02723	407037.50	3758337.50	0.02694
407037.50	3758312.50	0.02625	407037.50	3758287.50	0.02559
407037.50	3758262.50	0.02469	407037.50	3758237.50	0.02383
407037.50	3758212.50	0.02315	407037.50	3758187.50	0.02274
407037.50	3758162.50	0.02227	407037.50	3758137.50	0.02175
407062.50	3758512.50	0.03440	407062.50	3758487.50	0.03426
407062.50	3758462.50	0.03324	407062.50	3758437.50	0.03224
407062.50	3758412.50	0.03082	407062.50	3758387.50	0.02950
407062.50	3758362.50	0.02869	407062.50	3758337.50	0.02819
407062.50	3758312.50	0.02742	407062.50	3758287.50	0.02642
407062.50	3758262.50	0.02550	407062.50	3758237.50	0.02465
407062.50	3758212.50	0.02423	407062.50	3758187.50	0.02372
407062.50	3758162.50	0.02313	407062.50	3758137.50	0.02256
407087.50	3758512.50	0.03694	407087.50	3758487.50	0.03617

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL PM emissions

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407087.50	3758462.50	0.03544	407087.50	3758437.50	0.03389
407087.50	3758412.50	0.03253	407087.50	3758387.50	0.03128
407087.50	3758362.50	0.03035	407087.50	3758337.50	0.02946
407087.50	3758312.50	0.02861	407087.50	3758287.50	0.02779
407087.50	3758262.50	0.02667	407087.50	3758237.50	0.02561
407087.50	3758212.50	0.02494	407087.50	3758187.50	0.02435
407087.50	3758162.50	0.02372	407087.50	3758137.50	0.02312
407112.50	3758512.50	0.03843	407112.50	3758487.50	0.03802
407112.50	3758462.50	0.03673	407112.50	3758437.50	0.03550
407112.50	3758412.50	0.03378	407112.50	3758387.50	0.03218
407112.50	3758362.50	0.03119	407112.50	3758337.50	0.03025

Appendix B

PM Annual Emissions unmitigated

407112.50	3758312.50	0.02940	407112.50	3758287.50	0.02859
407112.50	3758262.50	0.02771	407112.50	3758237.50	0.02665
407112.50	3758212.50	0.02586	407112.50	3758187.50	0.02513
407112.50	3758162.50	0.02425	407112.50	3758137.50	0.02334
407137.50	3758512.50	0.04014	407137.50	3758487.50	0.04008
407137.50	3758462.50	0.03870	407137.50	3758437.50	0.03636
407137.50	3758412.50	0.03469	407137.50	3758387.50	0.03304
407137.50	3758362.50	0.03166	407137.50	3758337.50	0.03102
407137.50	3758312.50	0.03007	407137.50	3758287.50	0.02953
407137.50	3758262.50	0.02834	407137.50	3758237.50	0.02748
407137.50	3758212.50	0.02628	407137.50	3758187.50	0.02567
407137.50	3758162.50	0.02497	407137.50	3758137.50	0.02403
407162.50	3758512.50	0.04113	407162.50	3758487.50	0.04092
407162.50	3758462.50	0.04017	407162.50	3758437.50	0.03735
407162.50	3758412.50	0.03536	407162.50	3758387.50	0.03396
407162.50	3758362.50	0.03245	407162.50	3758337.50	0.03143
407162.50	3758312.50	0.03084	407162.50	3758287.50	0.02990
407162.50	3758262.50	0.02900	407162.50	3758237.50	0.02823
407162.50	3758212.50	0.02746	407162.50	3758187.50	0.02671
407162.50	3758162.50	0.02588	407162.50	3758137.50	0.02466
407187.50	3758512.50	0.04481	407187.50	3758487.50	0.04391
407187.50	3758462.50	0.04110	407187.50	3758437.50	0.03831
407187.50	3758412.50	0.03578	407187.50	3758387.50	0.03412
407187.50	3758362.50	0.03303	407187.50	3758337.50	0.03198
407187.50	3758312.50	0.03104	407187.50	3758287.50	0.03039
407187.50	3758262.50	0.02951	407187.50	3758237.50	0.02889
407187.50	3758212.50	0.02843	407187.50	3758187.50	0.02794
407187.50	3758162.50	0.02698	407187.50	3758137.50	0.02566
407212.50	3758512.50	0.04434	407212.50	3758487.50	0.04282

*** ICST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL PM emissions

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407212.50	3758462.50	0.04074	407212.50	3758437.50	0.03923
407212.50	3758412.50	0.03656	407212.50	3758387.50	0.03435
407212.50	3758362.50	0.03321	407212.50	3758337.50	0.03213
407212.50	3758312.50	0.03119	407212.50	3758287.50	0.03029
407212.50	3758262.50	0.02966	407212.50	3758237.50	0.02903
407212.50	3758212.50	0.02889	407212.50	3758187.50	0.02831
407212.50	3758162.50	0.02738	407212.50	3758137.50	0.02584
407237.50	3758512.50	0.04275	407237.50	3758487.50	0.04161
407237.50	3758462.50	0.04014	407237.50	3758437.50	0.03843
407237.50	3758412.50	0.03623	407237.50	3758387.50	0.03416
407237.50	3758362.50	0.03275	407237.50	3758337.50	0.03177
407237.50	3758312.50	0.03097	407237.50	3758287.50	0.03024
407237.50	3758262.50	0.02939	407237.50	3758237.50	0.02859
407237.50	3758212.50	0.02829	407237.50	3758187.50	0.02751
407237.50	3758162.50	0.02642	407237.50	3758137.50	0.02517
407262.50	3758512.50	0.04069	407262.50	3758487.50	0.03970
407262.50	3758462.50	0.03851	407262.50	3758437.50	0.03769
407262.50	3758412.50	0.03606	407262.50	3758387.50	0.03339
407262.50	3758362.50	0.03188	407262.50	3758337.50	0.03099
407262.50	3758312.50	0.03041	407262.50	3758287.50	0.02958
407262.50	3758262.50	0.02894	407262.50	3758237.50	0.02797
407262.50	3758212.50	0.02701	407262.50	3758187.50	0.02615
407262.50	3758162.50	0.02525	407262.50	3758137.50	0.02418
407287.50	3758512.50	0.03838	407287.50	3758487.50	0.03714
407287.50	3758462.50	0.03646	407287.50	3758437.50	0.03571
407287.50	3758412.50	0.03446	407287.50	3758387.50	0.03227
407287.50	3758362.50	0.03049	407287.50	3758337.50	0.02990
407287.50	3758312.50	0.02935	407287.50	3758287.50	0.02865
407287.50	3758262.50	0.02792	407287.50	3758237.50	0.02675
407287.50	3758212.50	0.02538	407287.50	3758187.50	0.02462
407287.50	3758162.50	0.02418	407287.50	3758137.50	0.02322
407312.50	3758512.50	0.03620	407312.50	3758487.50	0.03561
407312.50	3758462.50	0.03435	407312.50	3758437.50	0.03330

Appendix B

			PM Annual Emissions unmitigated		
407312.50	3758412.50	0.03225	407312.50	3758387.50	0.03073
407312.50	3758362.50	0.02886	407312.50	3758337.50	0.02806
407312.50	3758312.50	0.02764	407312.50	3758287.50	0.02697
407312.50	3758262.50	0.02602	407312.50	3758237.50	0.02464
407312.50	3758212.50	0.02365	407312.50	3758187.50	0.02316
407312.50	3758162.50	0.02294	407312.50	3758137.50	0.02250
407337.50	3758512.50	0.03975	407337.50	3758487.50	0.03847

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions *** 11:18:22
 **MODELOPTs: PAGE 66

CONC URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407337.50	3758462.50	0.03172	407337.50	3758437.50	0.03067
407337.50	3758412.50	0.02964	407337.50	3758387.50	0.02857
407337.50	3758362.50	0.02669	407337.50	3758337.50	0.02586
407337.50	3758312.50	0.02516	407337.50	3758287.50	0.02442
407337.50	3758262.50	0.02364	407337.50	3758237.50	0.02283
407337.50	3758212.50	0.02203	407337.50	3758187.50	0.02159
407337.50	3758162.50	0.02165	407337.50	3758137.50	0.02134
407362.50	3758512.50	0.03637	407362.50	3758487.50	0.03554
407362.50	3758462.50	0.02886	407362.50	3758437.50	0.02796
407362.50	3758412.50	0.02710	407362.50	3758387.50	0.02620
407362.50	3758362.50	0.02481	407362.50	3758337.50	0.02387
407362.50	3758312.50	0.02289	407362.50	3758287.50	0.02210
407362.50	3758262.50	0.02142	407362.50	3758237.50	0.02027
407362.50	3758212.50	0.01994	407362.50	3758187.50	0.01947
407362.50	3758162.50	0.01961	407362.50	3758137.50	0.01965
407387.50	3758512.50	0.03349	407387.50	3758487.50	0.03261
407387.50	3758462.50	0.02610	407387.50	3758437.50	0.02513
407387.50	3758412.50	0.02463	407387.50	3758387.50	0.02400
407387.50	3758362.50	0.02295	407387.50	3758337.50	0.02230
407387.50	3758312.50	0.02133	407387.50	3758287.50	0.02043
407387.50	3758262.50	0.01946	407387.50	3758237.50	0.01852
407387.50	3758212.50	0.01762	407387.50	3758187.50	0.01651
407387.50	3758162.50	0.01636	407387.50	3758137.50	0.01637
407412.50	3758512.50	0.02532	407412.50	3758487.50	0.02471
407412.50	3758462.50	0.02380	407412.50	3758437.50	0.02287
407412.50	3758412.50	0.02229	407412.50	3758387.50	0.02192
407412.50	3758362.50	0.02122	407412.50	3758337.50	0.02055
407412.50	3758312.50	0.02004	407412.50	3758287.50	0.01919
407412.50	3758262.50	0.01842	407412.50	3758237.50	0.01746
407412.50	3758212.50	0.01650	407412.50	3758187.50	0.01567
407412.50	3758162.50	0.01526	407412.50	3758137.50	0.01486
407437.50	3758512.50	0.02905	407437.50	3758487.50	0.02836
407437.50	3758462.50	0.02796	407437.50	3758437.50	0.02202
407437.50	3758412.50	0.02104	407437.50	3758387.50	0.02034
407437.50	3758362.50	0.01968	407437.50	3758337.50	0.01921
407437.50	3758312.50	0.01875	407437.50	3758287.50	0.01831
407437.50	3758262.50	0.01731	407437.50	3758237.50	0.01658
407437.50	3758212.50	0.01615	407437.50	3758187.50	0.01586
407437.50	3758162.50	0.01546	407437.50	3758137.50	0.01481
407462.50	3758512.50	0.02807	407462.50	3758487.50	0.02807

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions *** 11:18:22
 **MODELOPTs: PAGE 67

CONC URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407462.50	3758462.50	0.02718	407462.50	3758437.50	0.02561

Appendix B

PM Annual Emissions unmitigated

407462.50	3758412.50	0.02009	407462.50	3758387.50	0.01906
407462.50	3758362.50	0.01814	407462.50	3758337.50	0.01777
407462.50	3758312.50	0.01748	407462.50	3758287.50	0.01725
407462.50	3758262.50	0.01675	407462.50	3758237.50	0.01592
407462.50	3758212.50	0.01552	407462.50	3758187.50	0.01522
407462.50	3758162.50	0.01484	407462.50	3758137.50	0.01449
407487.50	3758512.50	0.02640	407487.50	3758487.50	0.02476
407487.50	3758462.50	0.02450	407487.50	3758437.50	0.02353
407487.50	3758412.50	0.01900	407487.50	3758387.50	0.01794
407487.50	3758362.50	0.01711	407487.50	3758337.50	0.01667
407487.50	3758312.50	0.01637	407487.50	3758287.50	0.01620
407487.50	3758262.50	0.01595	407487.50	3758237.50	0.01558
407487.50	3758212.50	0.01523	407487.50	3758187.50	0.01477
407487.50	3758162.50	0.01447	407487.50	3758137.50	0.01418
407512.50	3758512.50	0.02054	407512.50	3758487.50	0.02000
407512.50	3758462.50	0.02284	407512.50	3758437.50	0.01892
407512.50	3758412.50	0.01778	407512.50	3758387.50	0.01693
407512.50	3758362.50	0.01631	407512.50	3758337.50	0.01616
407512.50	3758312.50	0.01586	407512.50	3758287.50	0.01555
407512.50	3758262.50	0.01528	407512.50	3758237.50	0.01491
407512.50	3758212.50	0.01467	407512.50	3758187.50	0.01438
407512.50	3758162.50	0.01412	407512.50	3758137.50	0.01376
407537.50	3758512.50	0.00235	407537.50	3758487.50	0.00229
407537.50	3758462.50	0.00223	407537.50	3758437.50	0.00218
407537.50	3758412.50	0.00214	407537.50	3758387.50	0.00209
407537.50	3758362.50	0.00206	407537.50	3758337.50	0.00202
407537.50	3758312.50	0.00199	407537.50	3758287.50	0.00196
407537.50	3758262.50	0.00194	407537.50	3758237.50	0.00191
407537.50	3758212.50	0.00189	407537.50	3758187.50	0.00188
407537.50	3758162.50	0.00186	407537.50	3758137.50	0.00185
407562.50	3758512.50	0.00240	407562.50	3758487.50	0.00234
407562.50	3758462.50	0.00228	407562.50	3758437.50	0.00222
407562.50	3758412.50	0.00217	407562.50	3758387.50	0.00212
407562.50	3758362.50	0.00208	407562.50	3758337.50	0.00204
407562.50	3758312.50	0.00200	407562.50	3758287.50	0.00197
407562.50	3758262.50	0.00194	407562.50	3758237.50	0.00191
407562.50	3758212.50	0.00189	407562.50	3758187.50	0.00187
407562.50	3758162.50	0.00185	407562.50	3758137.50	0.00184
407587.50	3758512.50	0.00246	407587.50	3758487.50	0.00239

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions

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**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407587.50	3758462.50	0.00232	407587.50	3758437.50	0.00226
407587.50	3758412.50	0.00221	407587.50	3758387.50	0.00215
407587.50	3758362.50	0.00210	407587.50	3758337.50	0.00206
407587.50	3758312.50	0.00202	407587.50	3758287.50	0.00198
407587.50	3758262.50	0.00195	407587.50	3758237.50	0.00192
407587.50	3758212.50	0.00189	407587.50	3758187.50	0.00187
407587.50	3758162.50	0.00185	407587.50	3758137.50	0.00183
407612.50	3758512.50	0.00252	407612.50	3758487.50	0.00245
407612.50	3758462.50	0.00238	407612.50	3758437.50	0.00231
407612.50	3758412.50	0.00225	407612.50	3758387.50	0.00219
407612.50	3758362.50	0.00214	407612.50	3758337.50	0.00209
407612.50	3758312.50	0.00205	407612.50	3758287.50	0.00200
407612.50	3758262.50	0.00197	407612.50	3758237.50	0.00193
407612.50	3758212.50	0.00190	407612.50	3758187.50	0.00188
407612.50	3758162.50	0.00185	407612.50	3758137.50	0.00183
407637.50	3758512.50	0.00258	407637.50	3758487.50	0.00250
407637.50	3758462.50	0.00243	407637.50	3758437.50	0.00236
407637.50	3758412.50	0.00229	407637.50	3758387.50	0.00223
407637.50	3758362.50	0.00218	407637.50	3758337.50	0.00212
407637.50	3758312.50	0.00208	407637.50	3758287.50	0.00203
407637.50	3758262.50	0.00199	407637.50	3758237.50	0.00195
407637.50	3758212.50	0.00192	407637.50	3758187.50	0.00189
407637.50	3758162.50	0.00186	407637.50	3758137.50	0.00184

Appendix B

PM Annual Emissions unmitigated

407662.50	3758512.50	0.00264	407662.50	3758487.50	0.00256		
407662.50	3758462.50	0.00248	407662.50	3758437.50	0.00241		
407662.50	3758412.50	0.00234	407662.50	3758387.50	0.00228		
407662.50	3758362.50	0.00222	407662.50	3758337.50	0.00216		
407662.50	3758312.50	0.00211	407662.50	3758287.50	0.00206		
407662.50	3758262.50	0.00202	407662.50	3758237.50	0.00198		
407662.50	3758212.50	0.00194	407662.50	3758187.50	0.00191		
407662.50	3758162.50	0.00188	407662.50	3758137.50	0.00185		
407687.50	3758512.50	0.00269	407687.50	3758487.50	0.00261		
407687.50	3758462.50	0.00254	407687.50	3758437.50	0.00247		
407687.50	3758412.50	0.00240	407687.50	3758387.50	0.00233		
407687.50	3758362.50	0.00227	407687.50	3758337.50	0.00221		
407687.50	3758312.50	0.00215	407687.50	3758287.50	0.00210		
407687.50	3758262.50	0.00205	407687.50	3758237.50	0.00201		
407687.50	3758212.50	0.00197	407687.50	3758187.50	0.00193		
407687.50	3758162.50	0.00190	407687.50	3758137.50	0.00187		
407712.50	3758512.50	0.00274	407712.50	3758487.50	0.00267		
* *** ISCST3 - VERSION 02035 ***						***	07/29/11
*** WHITTIER MATRIX OIL PROJECT						***	11:18:22
*** ANALYSIS ANNUAL PM emissions						***	PAGE 69
**MODELOPTs:							
CONC	URBAN ELEV	FLGPOL		NOCALM			
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***							
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,							
*** DISCRETE CARTESIAN RECEPTOR POINTS ***							
** CONC OF OTHER IN MICROGRAMS/M**3 **							
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
407712.50	3758462.50	0.00259	407712.50	3758437.50	0.00252		
407712.50	3758412.50	0.00245	407712.50	3758387.50	0.00238		
407712.50	3758362.50	0.00232	407712.50	3758337.50	0.00225		
407712.50	3758312.50	0.00219	407712.50	3758287.50	0.00214		
407712.50	3758262.50	0.00209	407712.50	3758237.50	0.00204		
407712.50	3758212.50	0.00200	407712.50	3758187.50	0.00196		
407712.50	3758162.50	0.00192	407712.50	3758137.50	0.00189		
407737.50	3758512.50	0.00279	407737.50	3758487.50	0.00272		
407737.50	3758462.50	0.00264	407737.50	3758437.50	0.00257		
407737.50	3758412.50	0.00250	407737.50	3758387.50	0.00243		
407737.50	3758362.50	0.00237	407737.50	3758337.50	0.00230		
407737.50	3758312.50	0.00224	407737.50	3758287.50	0.00218		
407737.50	3758262.50	0.00213	407737.50	3758237.50	0.00208		
407737.50	3758212.50	0.00203	407737.50	3758187.50	0.00199		
407737.50	3758162.50	0.00195	407737.50	3758137.50	0.00191		
407762.50	3758512.50	0.00283	407762.50	3758487.50	0.00276		
407762.50	3758462.50	0.00269	407762.50	3758437.50	0.00262		
407762.50	3758412.50	0.00255	407762.50	3758387.50	0.00248		
407762.50	3758362.50	0.00242	407762.50	3758337.50	0.00235		
407762.50	3758312.50	0.00229	407762.50	3758287.50	0.00223		
407762.50	3758262.50	0.00217	407762.50	3758237.50	0.00212		
407762.50	3758212.50	0.00207	407762.50	3758187.50	0.00202		
407762.50	3758162.50	0.00198	407762.50	3758137.50	0.00194		
407787.50	3758512.50	0.00286	407787.50	3758487.50	0.00280		
407787.50	3758462.50	0.00273	407787.50	3758437.50	0.00267		
407787.50	3758412.50	0.00260	407787.50	3758387.50	0.00253		
407787.50	3758362.50	0.00247	407787.50	3758337.50	0.00240		
407787.50	3758312.50	0.00234	407787.50	3758287.50	0.00228		
407787.50	3758262.50	0.00222	407787.50	3758237.50	0.00217		
407787.50	3758212.50	0.00211	407787.50	3758187.50	0.00206		
407787.50	3758162.50	0.00202	407787.50	3758137.50	0.00197		
407812.50	3758512.50	0.00289	407812.50	3758487.50	0.00283		
407812.50	3758462.50	0.00277	407812.50	3758437.50	0.00271		
407812.50	3758412.50	0.00264	407812.50	3758387.50	0.00258		
407812.50	3758362.50	0.00252	407812.50	3758337.50	0.00245		
407812.50	3758312.50	0.00239	407812.50	3758287.50	0.00233		
407812.50	3758262.50	0.00227	407812.50	3758237.50	0.00221		
407812.50	3758212.50	0.00216	407812.50	3758187.50	0.00211		
407812.50	3758162.50	0.00206	407812.50	3758137.50	0.00201		
407837.50	3758512.50	0.00291	407837.50	3758487.50	0.00285		
* *** ISCST3 - VERSION 02035 ***						***	07/29/11
*** WHITTIER MATRIX OIL PROJECT						***	11:18:22
*** ANALYSIS ANNUAL PM emissions						***	PAGE 70
**MODELOPTs:							
CONC	URBAN ELEV	FLGPOL		NOCALM			

Appendix B

PM Annual Emissions unmitigated
 *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407837.50	3758462.50	0.00280	407837.50	3758437.50	0.00274
407837.50	3758412.50	0.00268	407837.50	3758387.50	0.00262
407837.50	3758362.50	0.00256	407837.50	3758337.50	0.00250
407837.50	3758312.50	0.00244	407837.50	3758287.50	0.00238
407837.50	3758262.50	0.00232	407837.50	3758237.50	0.00226
407837.50	3758212.50	0.00221	407837.50	3758187.50	0.00215
407837.50	3758162.50	0.00210	407837.50	3758137.50	0.00205
407862.50	3758512.50	0.00292	407862.50	3758487.50	0.00287
407862.50	3758462.50	0.00282	407862.50	3758437.50	0.00277
407862.50	3758412.50	0.00272	407862.50	3758387.50	0.00266
407862.50	3758362.50	0.00261	407862.50	3758337.50	0.00255
407862.50	3758312.50	0.00249	407862.50	3758287.50	0.00243
407862.50	3758262.50	0.00237	407862.50	3758237.50	0.00231
407862.50	3758212.50	0.00226	407862.50	3758187.50	0.00220
407862.50	3758162.50	0.00215	407862.50	3758137.50	0.00210
407887.50	3758512.50	0.00292	407887.50	3758487.50	0.00288
407887.50	3758462.50	0.00284	407887.50	3758437.50	0.00279
407887.50	3758412.50	0.00275	407887.50	3758387.50	0.00270
407887.50	3758362.50	0.00264	407887.50	3758337.50	0.00259
407887.50	3758312.50	0.00253	407887.50	3758287.50	0.00248
407887.50	3758262.50	0.00242	407887.50	3758237.50	0.00236
407887.50	3758212.50	0.00231	407887.50	3758187.50	0.00225
407887.50	3758162.50	0.00220	407887.50	3758137.50	0.00215
407912.50	3758512.50	0.00292	407912.50	3758487.50	0.00288
407912.50	3758462.50	0.00285	407912.50	3758437.50	0.00281
407912.50	3758412.50	0.00277	407912.50	3758387.50	0.00272
407912.50	3758362.50	0.00268	407912.50	3758337.50	0.00263
407912.50	3758312.50	0.00257	407912.50	3758287.50	0.00252
407912.50	3758262.50	0.00247	407912.50	3758237.50	0.00241
407912.50	3758212.50	0.00236	407912.50	3758187.50	0.00230
407912.50	3758162.50	0.00225	407912.50	3758137.50	0.00220
407937.50	3758512.50	0.00291	407937.50	3758487.50	0.00288
407937.50	3758462.50	0.00285	407937.50	3758437.50	0.00282
407937.50	3758412.50	0.00278	407937.50	3758387.50	0.00274
407937.50	3758362.50	0.00270	407937.50	3758337.50	0.00266
407937.50	3758312.50	0.00261	407937.50	3758287.50	0.00256
407937.50	3758262.50	0.00251	407937.50	3758237.50	0.00246
407937.50	3758212.50	0.00241	407937.50	3758187.50	0.00235
407937.50	3758162.50	0.00230	407937.50	3758137.50	0.00225
407962.50	3758512.50	0.00290	407962.50	3758487.50	0.00287

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions

*** 07/29/11
 *** 11:18:22
 *** PAGE 71

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407962.50	3758462.50	0.00285	407962.50	3758437.50	0.00282
407962.50	3758412.50	0.00279	407962.50	3758387.50	0.00276
407962.50	3758362.50	0.00272	407962.50	3758337.50	0.00268
407962.50	3758312.50	0.00264	407962.50	3758287.50	0.00260
407962.50	3758262.50	0.00255	407962.50	3758237.50	0.00250
407962.50	3758212.50	0.00245	407962.50	3758187.50	0.00240
407962.50	3758162.50	0.00235	407962.50	3758137.50	0.00230
407987.50	3758512.50	0.00288	407987.50	3758487.50	0.00286
407987.50	3758462.50	0.00284	407987.50	3758437.50	0.00282
407987.50	3758412.50	0.00279	407987.50	3758387.50	0.00277
407987.50	3758362.50	0.00274	407987.50	3758337.50	0.00270
407987.50	3758312.50	0.00267	407987.50	3758287.50	0.00263
407987.50	3758262.50	0.00259	407987.50	3758237.50	0.00254

Appendix B

PM Annual Emissions unmitigated

407987.50	3758212.50	0.00250	407987.50	3758187.50	0.00245		
407987.50	3758162.50	0.00240	407987.50	3758137.50	0.00235		
408012.50	3758512.50	0.00286	408012.50	3758487.50	0.00284		
408012.50	3758462.50	0.00283	408012.50	3758437.50	0.00281		
408012.50	3758412.50	0.00279	408012.50	3758387.50	0.00277		
408012.50	3758362.50	0.00274	408012.50	3758337.50	0.00272		
408012.50	3758312.50	0.00269	408012.50	3758287.50	0.00265		
408012.50	3758262.50	0.00262	408012.50	3758237.50	0.00258		
408012.50	3758212.50	0.00253	408012.50	3758187.50	0.00249		
408012.50	3758162.50	0.00244	408012.50	3758137.50	0.00240		
408037.50	3758512.50	0.00283	408037.50	3758487.50	0.00282		
408037.50	3758462.50	0.00281	408037.50	3758437.50	0.00280		
408037.50	3758412.50	0.00278	408037.50	3758387.50	0.00277		
408037.50	3758362.50	0.00275	408037.50	3758337.50	0.00272		
408037.50	3758312.50	0.00270	408037.50	3758287.50	0.00267		
408037.50	3758262.50	0.00264	408037.50	3758237.50	0.00260		
408037.50	3758212.50	0.00257	408037.50	3758187.50	0.00253		
408037.50	3758162.50	0.00248	408037.50	3758137.50	0.00244		
408062.50	3758512.50	0.00281	408062.50	3758487.50	0.00280		
408062.50	3758462.50	0.00279	408062.50	3758437.50	0.00278		
408062.50	3758412.50	0.00277	408062.50	3758387.50	0.00276		
408062.50	3758362.50	0.00274	408062.50	3758337.50	0.00273		
408062.50	3758312.50	0.00271	408062.50	3758287.50	0.00268		
408062.50	3758262.50	0.00266	408062.50	3758237.50	0.00263		
408062.50	3758212.50	0.00259	408062.50	3758187.50	0.00256		
408062.50	3758162.50	0.00252	408062.50	3758137.50	0.00248		
408087.50	3758512.50	0.00278	408087.50	3758487.50	0.00277		

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions *** 11:18:22

**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 72
 CONC

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
408087.50	3758462.50	0.00277	408087.50	3758437.50	0.00276
408087.50	3758412.50	0.00275	408087.50	3758387.50	0.00275
408087.50	3758362.50	0.00274	408087.50	3758337.50	0.00272
408087.50	3758312.50	0.00271	408087.50	3758287.50	0.00269
408087.50	3758262.50	0.00267	408087.50	3758237.50	0.00264
408087.50	3758212.50	0.00262	408087.50	3758187.50	0.00259
408087.50	3758162.50	0.00255	408087.50	3758137.50	0.00252
408112.50	3758512.50	0.00275	408112.50	3758487.50	0.00275
408112.50	3758462.50	0.00274	408112.50	3758437.50	0.00274
408112.50	3758412.50	0.00274	408112.50	3758387.50	0.00273
408112.50	3758362.50	0.00272	408112.50	3758337.50	0.00271
408112.50	3758312.50	0.00270	408112.50	3758287.50	0.00269
408112.50	3758262.50	0.00267	408112.50	3758237.50	0.00265
408112.50	3758212.50	0.00263	408112.50	3758187.50	0.00261
408112.50	3758162.50	0.00258	408112.50	3758137.50	0.00255
405962.50	3758562.50	0.01489	406012.50	3758562.50	0.01586
406062.50	3758562.50	0.01668	406112.50	3758562.50	0.01762
406162.50	3758562.50	0.01852	406212.50	3758562.50	0.01956
406262.50	3758562.50	0.02067	406312.50	3758562.50	0.02159
406362.50	3758562.50	0.02210	406412.50	3758562.50	0.02265
406462.50	3758562.50	0.02274	405962.50	3760012.50	0.02742
405962.50	3759962.50	0.02815	405962.50	3759912.50	0.03007
405962.50	3759862.50	0.03175	405962.50	3759812.50	0.03439
405962.50	3759762.50	0.03840	405962.50	3759712.50	0.04380
405962.50	3759662.50	0.05482	405962.50	3759612.50	0.05855
405962.50	3759562.50	0.06513	405962.50	3759512.50	0.07060
405962.50	3759462.50	0.07200	405962.50	3759412.50	0.06904
405962.50	3759362.50	0.05750	405962.50	3759312.50	0.05116
405962.50	3759262.50	0.04354	405962.50	3759212.50	0.03670
405962.50	3759162.50	0.03276	405962.50	3759112.50	0.02870
405962.50	3759062.50	0.02471	405962.50	3759012.50	0.02174
405962.50	3758962.50	0.01955	405962.50	3758912.50	0.01788
405962.50	3758862.50	0.01700	405962.50	3758812.50	0.01646
405962.50	3758762.50	0.01593	405962.50	3758712.50	0.01569
405962.50	3758662.50	0.01542	405962.50	3758612.50	0.01529

Appendix B

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406012.50 3760012.50 0.02917 PM Annual Emissions unmitigated 406012.50 3759962.50 0.03062
406012.50 3759912.50 0.03261 406012.50 3759862.50 0.03410
406012.50 3759812.50 0.03612 406012.50 3759762.50 0.03974
406012.50 3759712.50 0.04436 406012.50 3759662.50 0.05511
406012.50 3759612.50 0.06329 406012.50 3759562.50 0.06849
* *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS ANNUAL PM emissions *** 11:18:22
**MODELOPTs: **
CONC URBAN ELEV FLGPOL NOCALM PAGE 73

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*** THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406012.50	3759512.50	0.07503	406012.50	3759462.50	0.07197
406012.50	3759412.50	0.06352	406012.50	3759362.50	0.06000
406012.50	3759312.50	0.05374	406012.50	3759262.50	0.04729
406012.50	3759212.50	0.03832	406012.50	3759162.50	0.03456
406012.50	3759112.50	0.03015	406012.50	3759062.50	0.02582
406012.50	3759012.50	0.02252	406012.50	3758962.50	0.02064
406012.50	3758912.50	0.01908	406012.50	3758862.50	0.01793
406012.50	3758812.50	0.01737	406012.50	3758762.50	0.01710
406012.50	3758712.50	0.01671	406012.50	3758662.50	0.01635
406012.50	3758612.50	0.01609	406062.50	3760012.50	0.03190
406062.50	3759812.50	0.04119	406062.50	3759762.50	0.04832
406062.50	3759712.50	0.05134	406062.50	3759662.50	0.06033
406062.50	3759612.50	0.06529	406062.50	3759562.50	0.05863
406062.50	3759512.50	0.06034	406062.50	3759462.50	0.06282
406062.50	3759412.50	0.06141	406062.50	3759362.50	0.05730
406062.50	3759312.50	0.05397	406062.50	3759262.50	0.04539
406062.50	3759212.50	0.04150	406062.50	3759162.50	0.03677
406062.50	3759112.50	0.03182	406062.50	3759062.50	0.02736
406062.50	3759012.50	0.02402	406062.50	3758962.50	0.02190
406062.50	3758912.50	0.02030	406062.50	3758862.50	0.01930
406062.50	3758812.50	0.01879	406062.50	3758762.50	0.01826
406062.50	3758712.50	0.01785	406062.50	3758662.50	0.01741
406062.50	3758612.50	0.01714	406112.50	3760012.50	0.03541
406112.50	3759812.50	0.03583	406112.50	3759762.50	0.03842
406112.50	3759712.50	0.04198	406112.50	3759662.50	0.04642
406112.50	3759612.50	0.05179	406112.50	3759562.50	0.05737
406112.50	3759512.50	0.06224	406112.50	3759462.50	0.05971
406112.50	3759412.50	0.05926	406112.50	3759362.50	0.05795
406112.50	3759312.50	0.05569	406112.50	3759262.50	0.05135
406112.50	3759212.50	0.04491	406112.50	3759162.50	0.03930
406112.50	3759112.50	0.03378	406112.50	3759062.50	0.02892
406112.50	3759012.50	0.02578	406112.50	3758962.50	0.02329
406112.50	3758912.50	0.02190	406112.50	3758862.50	0.02107
406112.50	3758812.50	0.02029	406112.50	3758762.50	0.01970
406112.50	3758712.50	0.01920	406112.50	3758662.50	0.01864
406112.50	3758612.50	0.01809	406162.50	3760012.50	0.04553
406162.50	3759812.50	0.04571	406162.50	3759462.50	0.06701
406162.50	3759412.50	0.07230	406162.50	3759362.50	0.07012
406162.50	3759312.50	0.06651	406162.50	3759262.50	0.05635
406162.50	3759212.50	0.04876	406162.50	3759162.50	0.04204

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* *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS ANNUAL PM emissions *** 11:18:22
**MODELOPTs: **
CONC URBAN ELEV FLGPOL NOCALM PAGE 74

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*** THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406162.50	3759112.50	0.03580	406162.50	3759062.50	0.03066
406162.50	3759012.50	0.02734	406162.50	3758962.50	0.02531
406162.50	3758912.50	0.02355	406162.50	3758862.50	0.02275

Appendix B

PM Annual Emissions unmitigated

406162.50	3758812.50	0.02196	406162.50	3758762.50	0.02110
406162.50	3758712.50	0.02042	406162.50	3758662.50	0.01989
406162.50	3758612.50	0.01914	406212.50	3759412.50	0.08458
406212.50	3759362.50	0.08169	406212.50	3759312.50	0.07304
406212.50	3759262.50	0.06270	406212.50	3759212.50	0.05271
406212.50	3759162.50	0.04470	406212.50	3759112.50	0.03788
406212.50	3759062.50	0.03268	406212.50	3759012.50	0.02887
406212.50	3758962.50	0.02695	406212.50	3758912.50	0.02534
406212.50	3758862.50	0.02433	406212.50	3758812.50	0.02363
406212.50	3758762.50	0.02239	406212.50	3758712.50	0.02162
406212.50	3758662.50	0.02104	406212.50	3758612.50	0.02039
406262.50	3759412.50	0.10663	406262.50	3759362.50	0.08801
406262.50	3759312.50	0.07803	406262.50	3759262.50	0.06865
406262.50	3759212.50	0.05708	406262.50	3759162.50	0.04794
406262.50	3759112.50	0.04003	406262.50	3759062.50	0.03441
406262.50	3759012.50	0.03033	406262.50	3758962.50	0.02841
406262.50	3758912.50	0.02701	406262.50	3758862.50	0.02573
406262.50	3758812.50	0.02497	406262.50	3758762.50	0.02390
406262.50	3758712.50	0.02317	406262.50	3758662.50	0.02222
406262.50	3758612.50	0.02149	406312.50	3759412.50	0.11814
406312.50	3759362.50	0.10062	406312.50	3759312.50	0.08584
406312.50	3759262.50	0.07479	406312.50	3759212.50	0.06225
406312.50	3759162.50	0.05092	406312.50	3759112.50	0.04176
406312.50	3759062.50	0.03574	406312.50	3759012.50	0.03212
406312.50	3758962.50	0.02977	406312.50	3758912.50	0.02842
406312.50	3758862.50	0.02756	406312.50	3758812.50	0.02661
406312.50	3758762.50	0.02551	406312.50	3758712.50	0.02429
406312.50	3758662.50	0.02352	406312.50	3758612.50	0.02259
406362.50	3759412.50	0.11065	406362.50	3759362.50	0.10754
406362.50	3759312.50	0.09247	406362.50	3759262.50	0.07867
406362.50	3759212.50	0.06643	406362.50	3759162.50	0.05357
406362.50	3759112.50	0.04383	406362.50	3759062.50	0.03765
406362.50	3759012.50	0.03402	406362.50	3758962.50	0.03198
406362.50	3758912.50	0.03053	406362.50	3758862.50	0.02878
406362.50	3758812.50	0.02783	406362.50	3758762.50	0.02693
406362.50	3758712.50	0.02602	406362.50	3758662.50	0.02496
406362.50	3758612.50	0.02360	406412.50	3759312.50	0.09797

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions *** 11:18:22
 **MODELOPTs: ** PAGE 75
 CONC URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

 ** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406412.50	3759262.50	0.08552	406412.50	3759212.50	0.07119
406412.50	3759162.50	0.05621	406412.50	3759112.50	0.04588
406412.50	3759062.50	0.03989	406412.50	3759012.50	0.03680
406412.50	3758962.50	0.03444	406412.50	3758912.50	0.03246
406412.50	3758862.50	0.02969	406412.50	3758812.50	0.02906
406412.50	3758762.50	0.02851	406412.50	3758712.50	0.02774
406412.50	3758662.50	0.02647	406412.50	3758612.50	0.02454
406462.50	3759312.50	0.10661	406462.50	3759262.50	0.09250
406462.50	3759212.50	0.07525	406462.50	3759162.50	0.05857
406462.50	3759112.50	0.04786	406462.50	3759062.50	0.04131
406462.50	3759012.50	0.03929	406462.50	3758962.50	0.03735
406462.50	3758912.50	0.03550	406462.50	3758862.50	0.03184
406462.50	3758812.50	0.03090	406462.50	3758762.50	0.03057
406462.50	3758712.50	0.02911	406462.50	3758662.50	0.02705
406462.50	3758612.50	0.02481	406512.50	3759262.50	0.10210
406512.50	3759212.50	0.08093	406512.50	3759162.50	0.06100
406512.50	3759112.50	0.05083	406512.50	3759062.50	0.04571
406512.50	3759012.50	0.04274	406512.50	3758962.50	0.04009
406512.50	3758912.50	0.03825	406512.50	3758862.50	0.03573
406512.50	3758812.50	0.03535	406512.50	3758762.50	0.03308
406512.50	3758712.50	0.03058	406512.50	3758662.50	0.02787
406512.50	3758612.50	0.02509	406537.50	3758562.50	0.02237
406562.50	3759262.50	0.11503	406562.50	3759212.50	0.08905
406562.50	3759162.50	0.06754	406562.50	3759112.50	0.05603
406562.50	3759062.50	0.05076	406562.50	3759012.50	0.04750

Appendix B

PM Annual Emissions unmitigated

406562.50	3758962.50	0.04200	406562.50	3758912.50	0.04105		
406562.50	3758862.50	0.04074	406562.50	3758812.50	0.03830		
406562.50	3758762.50	0.03487	406562.50	3758712.50	0.03151		
406562.50	3758662.50	0.02813	406562.50	3758612.50	0.02490		
406587.50	3758562.50	0.02133	406612.50	3759212.50	0.10181		
406612.50	3759162.50	0.07680	406612.50	3759112.50	0.06327		
406612.50	3759062.50	0.05702	406612.50	3759012.50	0.05096		
406612.50	3758962.50	0.05015	406612.50	3758912.50	0.04852		
406612.50	3758862.50	0.04509	406612.50	3758812.50	0.04027		
406612.50	3758762.50	0.03550	406612.50	3758712.50	0.03141		
406612.50	3758662.50	0.02750	406637.50	3758562.50	0.01962		
406662.50	3759162.50	0.08365	406662.50	3759112.50	0.06860		
406662.50	3759062.50	0.06484	406662.50	3759012.50	0.05921		
406662.50	3758962.50	0.05834	406662.50	3758912.50	0.05376		
406662.50	3758862.50	0.04743	406662.50	3758812.50	0.04086		
• *** ISCST3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT					***	07/29/11
MODELOPTs:	* ANALYSIS ANNUAL PM emissions					***	11:18:22
CONC	URBAN ELEV	FLGPOL		NOCALM			PAGE 76

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406662.50	3758762.50	0.03480	406662.50	3758712.50	0.02988
406687.50	3758562.50	0.01860	406712.50	3759162.50	0.08948
406712.50	3759112.50	0.07799	406712.50	3759062.50	0.08427
406712.50	3759012.50	0.07497	406712.50	3758962.50	0.06764
406712.50	3758912.50	0.05579	406712.50	3758862.50	0.04615
406712.50	3758612.50	0.02169	406737.50	3758562.50	0.01782
406762.50	3759062.50	0.11219	406762.50	3759012.50	0.08693
406762.50	3758962.50	0.06894	406762.50	3758912.50	0.05370
406762.50	3758662.50	0.02406	406762.50	3758612.50	0.02030
406787.50	3758562.50	0.01784	406812.50	3759012.50	0.09467
406812.50	3758962.50	0.06673	406812.50	3758712.50	0.02714
406812.50	3758662.50	0.02346	406812.50	3758612.50	0.02067
406837.50	3758562.50	0.01688	406862.50	3758762.50	0.03079
406862.50	3758712.50	0.02733	406862.50	3758662.50	0.02402
406862.50	3758612.50	0.02060	406887.50	3758562.50	0.02053
406912.50	3758762.50	0.03241	406912.50	3758712.50	0.02813
406912.50	3758662.50	0.02489	406912.50	3758612.50	0.02106
406937.50	3758562.50	0.02348	406962.50	3758762.50	0.03584
406962.50	3758712.50	0.03109	406962.50	3758662.50	0.02726
406962.50	3758612.50	0.02555	406987.50	3758562.50	0.02871
407012.50	3758712.50	0.03668	407012.50	3758662.50	0.02981
407012.50	3758612.50	0.03026	407037.50	3758562.50	0.03365
407062.50	3758662.50	0.03314	407062.50	3758612.50	0.03641
407087.50	3758562.50	0.03774	407112.50	3758662.50	0.04067
407112.50	3758612.50	0.04118	407137.50	3758562.50	0.04071
407162.50	3758662.50	0.04771	407162.50	3758612.50	0.04320
407187.50	3758562.50	0.04445	407212.50	3758662.50	0.04827
407212.50	3758612.50	0.04639	407237.50	3758562.50	0.04398
407262.50	3758662.50	0.04449	407262.50	3758612.50	0.04207
407287.50	3758562.50	0.03782	407312.50	3758662.50	0.03840
407312.50	3758612.50	0.03628	407337.50	3758562.50	0.03266
407362.50	3758662.50	0.03340	407362.50	3758612.50	0.03133
407387.50	3758562.50	0.02818	407412.50	3758662.50	0.03014
407412.50	3758612.50	0.03373	407437.50	3758562.50	0.02983
407462.50	3758662.50	0.03498	407462.50	3758612.50	0.03151
407487.50	3758562.50	0.02825	407512.50	3758662.50	0.02745
407512.50	3758612.50	0.02365	407537.50	3758562.50	0.00248
407562.50	3758662.50	0.00288	407562.50	3758612.50	0.00271
407587.50	3758562.50	0.00261	407612.50	3758662.50	0.00302
407612.50	3758612.50	0.00285	407637.50	3758562.50	0.00274

• *** ISCST3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT					***	07/29/11
MODELOPTs:	* ANALYSIS ANNUAL PM emissions					***	11:18:22
CONC	URBAN ELEV	FLGPOL		NOCALM			PAGE 77

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

Appendix B

PM Annual Emissions unmitigated

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
407662.50	3758612.50	0.00296	407687.50	3758562.50	0.00285	
407712.50	3758612.50	0.00304	407737.50	3758562.50	0.00293	
407762.50	3758612.50	0.00309	407787.50	3758562.50	0.00298	
407812.50	3758612.50	0.00309	407837.50	3758562.50	0.00300	
407862.50	3758612.50	0.00307	407887.50	3758562.50	0.00299	
407912.50	3758612.50	0.00303	407937.50	3758562.50	0.00296	
407962.50	3758612.50	0.00297	407987.50	3758562.50	0.00291	
408012.50	3758612.50	0.00291	408037.50	3758562.50	0.00285	
408062.50	3758612.50	0.00285	408087.50	3758562.50	0.00280	
408112.50	3758612.50	0.00280	405962.50	3758537.50	0.01474	
405987.50	3758562.50	0.01539	406037.50	3758562.50	0.01624	
406087.50	3758562.50	0.01707	406137.50	3758562.50	0.01815	
406187.50	3758562.50	0.01897	406237.50	3758562.50	0.02018	
406287.50	3758562.50	0.02121	406337.50	3758562.50	0.02198	
406387.50	3758562.50	0.02234	406437.50	3758562.50	0.02281	
406487.50	3758562.50	0.02280	406537.50	3758537.50	0.02097	
406587.50	3758537.50	0.01998	406637.50	3758537.50	0.01825	
406687.50	3758537.50	0.01729	406737.50	3758537.50	0.01648	
406787.50	3758537.50	0.01636	406837.50	3758537.50	0.01727	
406887.50	3758537.50	0.01963	406937.50	3758537.50	0.02289	
406987.50	3758537.50	0.02863	407037.50	3758537.50	0.03285	
407087.50	3758537.50	0.03714	407137.50	3758537.50	0.04058	
407187.50	3758537.50	0.04518	407237.50	3758537.50	0.04330	
407287.50	3758537.50	0.03847	407337.50	3758537.50	0.03267	
407387.50	3758537.50	0.02748	407437.50	3758537.50	0.02952	
407487.50	3758537.50	0.02680	407537.50	3758537.50	0.00242	
407587.50	3758537.50	0.00253	407637.50	3758537.50	0.00266	
407687.50	3758537.50	0.00277	407737.50	3758537.50	0.00286	
407787.50	3758537.50	0.00292	407837.50	3758537.50	0.00296	
407887.50	3758537.50	0.00296	407937.50	3758537.50	0.00293	
407987.50	3758537.50	0.00289	408037.50	3758537.50	0.00284	
408087.50	3758537.50	0.00279	405962.50	3759987.50	0.02757	
405962.50	3759937.50	0.02923	405962.50	3759887.50	0.03090	
405962.50	3759837.50	0.03326	405962.50	3759787.50	0.03630	
405962.50	3759737.50	0.04061	405962.50	3759687.50	0.04929	
405962.50	3759637.50	0.05652	405962.50	3759587.50	0.06229	
405962.50	3759537.50	0.06798	405962.50	3759487.50	0.07151	
405962.50	3759437.50	0.07291	405962.50	3759387.50	0.06002	
405962.50	3759337.50	0.05419	405962.50	3759287.50	0.04694	
405962.50	3759237.50	0.04007	405962.50	3759187.50	0.03452	

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL PM emissions

*** 07/29/11
11:18:22
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**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
405962.50	3759137.50	0.03095	405962.50	3759087.50	0.02695	
405962.50	3759037.50	0.02302	405962.50	3758987.50	0.02055	
405962.50	3758937.50	0.01865	405962.50	3758887.50	0.01755	
405962.50	3758837.50	0.01674	405962.50	3758787.50	0.01622	
405962.50	3758737.50	0.01585	405962.50	3758687.50	0.01555	
405962.50	3758637.50	0.01523	406012.50	3759987.50	0.02969	
406012.50	3759937.50	0.03130	406012.50	3759887.50	0.03339	
406012.50	3759837.50	0.03508	406012.50	3759787.50	0.03768	
406012.50	3759737.50	0.04227	406012.50	3759687.50	0.05113	
406012.50	3759637.50	0.05944	406012.50	3759587.50	0.06548	
406012.50	3759537.50	0.07196	406012.50	3759487.50	0.07647	
406012.50	3759437.50	0.06420	406012.50	3759387.50	0.06293	
406012.50	3759337.50	0.05705	406012.50	3759287.50	0.05043	
406012.50	3759237.50	0.04263	406012.50	3759187.50	0.03639	
406012.50	3759137.50	0.03244	406012.50	3759087.50	0.02795	

Appendix B

			PM Annual Emissions unmitigated				
406012.50	3759037.50	0.02392	406012.50	3758987.50	0.02168		
406012.50	3758937.50	0.01980	406012.50	3758887.50	0.01849		
406012.50	3758837.50	0.01746	406012.50	3758787.50	0.01726		
406012.50	3758737.50	0.01688	406012.50	3758687.50	0.01653		
406012.50	3758637.50	0.01623	406062.50	3759987.50	0.03265		
406062.50	3759837.50	0.03773	406062.50	3759787.50	0.04040		
406062.50	3759737.50	0.05113	406062.50	3759687.50	0.05371		
406062.50	3759637.50	0.06221	406062.50	3759587.50	0.06883		
406062.50	3759537.50	0.05935	406062.50	3759487.50	0.06154		
406062.50	3759437.50	0.06202	406062.50	3759387.50	0.05925		
406062.50	3759337.50	0.05529	406062.50	3759287.50	0.05084		
406062.50	3759237.50	0.04343	406062.50	3759187.50	0.03928		
406062.50	3759137.50	0.03426	406062.50	3759087.50	0.02947		
406062.50	3759037.50	0.02549	406062.50	3758987.50	0.02296		
406062.50	3758937.50	0.02072	406062.50	3758887.50	0.01969		
406062.50	3758837.50	0.01890	406062.50	3758787.50	0.01842		
406062.50	3758737.50	0.01810	406062.50	3758687.50	0.01760		
406062.50	3758637.50	0.01740	406112.50	3759987.50	0.03566		
406112.50	3759837.50	0.03517	406112.50	3759787.50	0.03705		
406112.50	3759737.50	0.03979	406112.50	3759687.50	0.04417		
406112.50	3759637.50	0.04882	406112.50	3759587.50	0.05485		
406112.50	3759537.50	0.06015	406112.50	3759487.50	0.06190		
406112.50	3759437.50	0.05964	406112.50	3759387.50	0.05813		
406112.50	3759337.50	0.05789	406112.50	3759287.50	0.05441		
406112.50	3759237.50	0.04767	406112.50	3759187.50	0.04223		
• *** ISCST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			***	07/29/11
			*** ANALYSIS ANNUAL PM emissions			***	11:18:22
**MODELOPTs:						PAGE 79	
CONC	URBAN ELEV	FLGPOL	NOCALM				
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION			VALUES FOR SOURCE GROUP: 1			***	
INCLUDING SOURCE(S):			1	2	3	4	
*** DISCRETE CARTESIAN RECEPTOR POINTS ***							
		** CONC OF OTHER	IN MICROGRAMS/M**3		**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
406112.50	3759137.50	0.03642	406112.50	3759087.50	0.03117		
406112.50	3759037.50	0.02709	406112.50	3758987.50	0.02447		
406112.50	3758937.50	0.02238	406112.50	3758887.50	0.02131		
406112.50	3758837.50	0.02065	406112.50	3758787.50	0.02004		
406112.50	3758737.50	0.01935	406112.50	3758687.50	0.01905		
406112.50	3758637.50	0.01843	406162.50	3759987.50	0.04302		
406162.50	3759837.50	0.04504	406162.50	3759787.50	0.04698		
406162.50	3759437.50	0.06964	406162.50	3759387.50	0.07174		
406162.50	3759337.50	0.06942	406162.50	3759287.50	0.06138		
406162.50	3759237.50	0.05233	406162.50	3759187.50	0.04533		
406162.50	3759137.50	0.03878	406162.50	3759087.50	0.03306		
406162.50	3759037.50	0.02881	406162.50	3758987.50	0.02624		
406162.50	3758937.50	0.02421	406162.50	3758887.50	0.02311		
406162.50	3758837.50	0.02245	406162.50	3758787.50	0.02150		
406162.50	3758737.50	0.02057	406162.50	3758687.50	0.02026		
406162.50	3758637.50	0.01948	406212.50	3759437.50	0.09672		
406212.50	3759387.50	0.08459	406212.50	3759337.50	0.07719		
406212.50	3759287.50	0.06768	406212.50	3759237.50	0.05677		
406212.50	3759187.50	0.04860	406212.50	3759137.50	0.04143		
406212.50	3759087.50	0.03517	406212.50	3759037.50	0.03063		
406212.50	3758987.50	0.02785	406212.50	3758937.50	0.02625		
406212.50	3758887.50	0.02485	406212.50	3758837.50	0.02386		
406212.50	3758787.50	0.02309	406212.50	3758737.50	0.02196		
406212.50	3758687.50	0.02150	406212.50	3758637.50	0.02088		
406262.50	3759437.50	0.10560	406262.50	3759387.50	0.09368		
406262.50	3759337.50	0.08210	406262.50	3759287.50	0.07328		
406262.50	3759237.50	0.06284	406262.50	3759187.50	0.05249		
406262.50	3759137.50	0.04361	406262.50	3759087.50	0.03695		
406262.50	3759037.50	0.03239	406262.50	3758987.50	0.02921		
406262.50	3758937.50	0.02776	406262.50	3758887.50	0.02637		
406262.50	3758837.50	0.02546	406262.50	3758787.50	0.02480		
406262.50	3758737.50	0.02342	406262.50	3758687.50	0.02276		
406262.50	3758637.50	0.02192	406312.50	3759437.50	0.11656		
406312.50	3759387.50	0.11902	406312.50	3759337.50	0.09352		
406312.50	3759287.50	0.08085	406312.50	3759237.50	0.06857		
406312.50	3759187.50	0.05595	406312.50	3759137.50	0.04599		
406312.50	3759087.50	0.03824	406312.50	3759037.50	0.03383		

Appendix B

			PM Annual Emissions unmitigated				
406312.50	3758987.50	0.03081	406312.50	3758937.50	0.02890		
406312.50	3758887.50	0.02799	406312.50	3758837.50	0.02708		
406312.50	3758787.50	0.02608	406312.50	3758737.50	0.02489		
• *** ISCST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			***	07/29/11
			*** ANALYSIS ANNUAL PM emissions			***	11:18:22
**MODELOPTs:			URBAN ELEV FLGPOL			NOCALM	
CONC							
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION			VALUES FOR SOURCE GROUP: 1			***	
INCLUDING SOURCE(S):			1 , 2 , 3 , 4 ,				
*** DISCRETE CARTESIAN RECEPTOR POINTS ***							
** CONC OF OTHER			IN MICROGRAMS/M**3			**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
406312.50	3758687.50	0.02399	406312.50	3758637.50	0.02300		
406362.50	3759437.50	0.11117	406362.50	3759387.50	0.11025		
406362.50	3759337.50	0.10103	406362.50	3759287.50	0.08578		
406362.50	3759237.50	0.07306	406362.50	3759187.50	0.05974		
406362.50	3759137.50	0.04863	406362.50	3759087.50	0.04049		
406362.50	3759037.50	0.03555	406362.50	3758987.50	0.03268		
406362.50	3758937.50	0.03137	406362.50	3758887.50	0.02953		
406362.50	3758837.50	0.02801	406362.50	3758787.50	0.02731		
406362.50	3758737.50	0.02649	406362.50	3758687.50	0.02562		
406362.50	3758637.50	0.02416	406412.50	3759337.50	0.10277		
406412.50	3759287.50	0.09112	406412.50	3759237.50	0.07949		
406412.50	3759187.50	0.06398	406412.50	3759137.50	0.05056		
406412.50	3759087.50	0.04227	406412.50	3759037.50	0.03755		
406412.50	3758987.50	0.03554	406412.50	3758937.50	0.03367		
406412.50	3758887.50	0.03078	406412.50	3758837.50	0.02942		
406412.50	3758787.50	0.02862	406412.50	3758737.50	0.02827		
406412.50	3758687.50	0.02714	406412.50	3758637.50	0.02540		
406462.50	3759287.50	0.10059	406462.50	3759237.50	0.08516		
406462.50	3759187.50	0.06722	406462.50	3759137.50	0.05256		
406462.50	3759087.50	0.04334	406462.50	3759037.50	0.03989		
406462.50	3758987.50	0.03798	406462.50	3758937.50	0.03649		
406462.50	3758887.50	0.03346	406462.50	3758837.50	0.03092		
406462.50	3758787.50	0.03088	406462.50	3758737.50	0.02964		
406462.50	3758687.50	0.02845	406462.50	3758637.50	0.02581		
406512.50	3759287.50	0.11201	406512.50	3759237.50	0.09150		
406512.50	3759187.50	0.06934	406512.50	3759137.50	0.05521		
406512.50	3759087.50	0.04801	406512.50	3759037.50	0.04397		
406512.50	3758987.50	0.04163	406512.50	3758937.50	0.03949		
406512.50	3758887.50	0.03668	406512.50	3758837.50	0.03604		
406512.50	3758787.50	0.03377	406512.50	3758737.50	0.03183		
406512.50	3758687.50	0.02909	406512.50	3758637.50	0.02644		
406562.50	3759237.50	0.10133	406562.50	3759187.50	0.07779		
406562.50	3759137.50	0.06050	406562.50	3759087.50	0.05294		
406562.50	3759037.50	0.04937	406562.50	3758987.50	0.04574		
406562.50	3758937.50	0.04136	406562.50	3758887.50	0.04052		
406562.50	3758837.50	0.03973	406562.50	3758787.50	0.03641		
406562.50	3758737.50	0.03351	406562.50	3758687.50	0.02976		
406562.50	3758637.50	0.02657	406562.50	3758587.50	0.02331		
406612.50	3759187.50	0.08701	406612.50	3759137.50	0.06822		
406612.50	3759087.50	0.05966	406612.50	3759037.50	0.05315		
• *** ISCST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			***	07/29/11
			*** ANALYSIS ANNUAL PM emissions			***	11:18:22
**MODELOPTs:			URBAN ELEV FLGPOL			NOCALM	
CONC							
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION			VALUES FOR SOURCE GROUP: 1			***	
INCLUDING SOURCE(S):			1 , 2 , 3 , 4 ,				
*** DISCRETE CARTESIAN RECEPTOR POINTS ***							
** CONC OF OTHER			IN MICROGRAMS/M**3			**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
406612.50	3758987.50	0.05021	406612.50	3758937.50	0.04966		
406612.50	3758887.50	0.04737	406612.50	3758837.50	0.04280		
406612.50	3758787.50	0.03756	406612.50	3758737.50	0.03355		
406612.50	3758687.50	0.02982	406612.50	3758637.50	0.02534		
406612.50	3758587.50	0.02193	406662.50	3759187.50	0.09665		

Appendix B

			PM Annual Emissions unmitigated		
406662.50	3759137.50	0.07452	406662.50	3759087.50	0.06654
406662.50	3759037.50	0.06127	406662.50	3758987.50	0.05909
406662.50	3758937.50	0.05699	406662.50	3758887.50	0.05008
406662.50	3758837.50	0.04450	406662.50	3758787.50	0.03750
406662.50	3758737.50	0.03227	406712.50	3759137.50	0.08107
406712.50	3759087.50	0.08062	406712.50	3759037.50	0.07751
406712.50	3758987.50	0.07094	406712.50	3758937.50	0.06279
406712.50	3758887.50	0.05045	406712.50	3758587.50	0.01992
406762.50	3759037.50	0.09828	406762.50	3758987.50	0.07848
406762.50	3758937.50	0.06047	406762.50	3758687.50	0.02517
406762.50	3758637.50	0.02186	406762.50	3758587.50	0.01895
406812.50	3758987.50	0.07979	406812.50	3758687.50	0.02537
406812.50	3758637.50	0.02150	406812.50	3758587.50	0.01952
406862.50	3758737.50	0.02905	406862.50	3758687.50	0.02584
406862.50	3758637.50	0.02239	406862.50	3758587.50	0.01753
406912.50	3758787.50	0.03477	406912.50	3758737.50	0.02964
406912.50	3758687.50	0.02632	406912.50	3758637.50	0.02345
406912.50	3758587.50	0.02199	406962.50	3758737.50	0.03293
406962.50	3758687.50	0.02944	406962.50	3758637.50	0.02532
406962.50	3758587.50	0.02573	407012.50	3758687.50	0.03314
407012.50	3758637.50	0.02920	407012.50	3758587.50	0.03085
407062.50	3758687.50	0.03554	407062.50	3758637.50	0.03537
407062.50	3758587.50	0.03624	407112.50	3758637.50	0.04165
407112.50	3758587.50	0.04043	407162.50	3758637.50	0.04476
407162.50	3758587.50	0.04172	407212.50	3758637.50	0.04597
407212.50	3758587.50	0.04604	407262.50	3758637.50	0.04327
407262.50	3758587.50	0.04148	407312.50	3758637.50	0.03757
407312.50	3758587.50	0.03551	407362.50	3758637.50	0.03208
407362.50	3758587.50	0.03064	407412.50	3758637.50	0.03398
407412.50	3758587.50	0.03340	407462.50	3758637.50	0.03307
407462.50	3758587.50	0.02943	407512.50	3758637.50	0.02543
407512.50	3758587.50	0.02258	407562.50	3758637.50	0.00279
407562.50	3758587.50	0.00263	407612.50	3758637.50	0.00293
407612.50	3758587.50	0.00276	407662.50	3758637.50	0.00304
407662.50	3758587.50	0.00288	407712.50	3758637.50	0.00311

• *** ISCSST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL PM emissions

*** 07/29/11
*** 11:18:22
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**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407712.50	3758587.50	0.00297	407762.50	3758637.50	0.00314
407762.50	3758587.50	0.00303	407812.50	3758637.50	0.00314
407812.50	3758587.50	0.00305	407862.50	3758637.50	0.00310
407862.50	3758587.50	0.00304	407912.50	3758637.50	0.00305
407912.50	3758587.50	0.00300	407962.50	3758637.50	0.00299
407962.50	3758587.50	0.00295	408012.50	3758637.50	0.00293
408012.50	3758587.50	0.00290	408062.50	3758637.50	0.00287
408062.50	3758587.50	0.00284	408112.50	3758637.50	0.00282
408112.50	3758587.50	0.00279	405987.50	3758537.50	0.01517
406012.50	3758537.50	0.01567	406037.50	3758537.50	0.01612
406062.50	3758537.50	0.01644	406087.50	3758537.50	0.01696
406112.50	3758537.50	0.01728	406137.50	3758537.50	0.01772
406162.50	3758537.50	0.01822	406187.50	3758537.50	0.01866
406212.50	3758537.50	0.01922	406237.50	3758537.50	0.01964
406262.50	3758537.50	0.02018	406287.50	3758537.50	0.02061
406312.50	3758537.50	0.02102	406337.50	3758537.50	0.02131
406362.50	3758537.50	0.02137	406387.50	3758537.50	0.02158
406412.50	3758537.50	0.02154	406437.50	3758537.50	0.02173
406462.50	3758537.50	0.02185	406487.50	3758537.50	0.02152
406512.50	3758537.50	0.02149	406562.50	3758537.50	0.02037
406612.50	3758537.50	0.01933	406662.50	3758537.50	0.01757
406712.50	3758537.50	0.01680	406762.50	3758537.50	0.01601
406812.50	3758537.50	0.01656	406862.50	3758537.50	0.01793
406912.50	3758537.50	0.02115	406962.50	3758537.50	0.02568
407012.50	3758537.50	0.03116	407062.50	3758537.50	0.03490
407112.50	3758537.50	0.03923	407162.50	3758537.50	0.04104
407212.50	3758537.50	0.04555	407262.50	3758537.50	0.04098

Appendix B

PM Annual Emissions unmitigated

407312.50	3758537.50	0.03613	407362.50	3758537.50	0.02968
407412.50	3758537.50	0.02593	407462.50	3758537.50	0.02822
407512.50	3758537.50	0.02108	407562.50	3758537.50	0.00247
407612.50	3758537.50	0.00260	407662.50	3758537.50	0.00272
407712.50	3758537.50	0.00282	407762.50	3758537.50	0.00290
407812.50	3758537.50	0.00294	407862.50	3758537.50	0.00296
407912.50	3758537.50	0.00295	407962.50	3758537.50	0.00292
408012.50	3758537.50	0.00287	408062.50	3758537.50	0.00282
408112.50	3758537.50	0.00276	405962.50	3758587.50	0.01510
406012.50	3758587.50	0.01596	406062.50	3758587.50	0.01684
406112.50	3758587.50	0.01772	406162.50	3758587.50	0.01891
406212.50	3758587.50	0.02011	406262.50	3758587.50	0.02104
406312.50	3758587.50	0.02213	406362.50	3758587.50	0.02270

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL PM emissions

*** 07/29/11
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**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406412.50	3758587.50	0.02338	406462.50	3758587.50	0.02396
406512.50	3758587.50	0.02382	405987.50	3760012.50	0.02785
405987.50	3759962.50	0.02917	405987.50	3759912.50	0.03086
405987.50	3759862.50	0.03275	405987.50	3759812.50	0.03514
405987.50	3759762.50	0.03893	405987.50	3759712.50	0.04426
405987.50	3759662.50	0.05574	405987.50	3759612.50	0.06039
405987.50	3759562.50	0.06684	405987.50	3759512.50	0.07287
405987.50	3759462.50	0.07447	405987.50	3759412.50	0.07112
405987.50	3759362.50	0.05919	405987.50	3759312.50	0.05305
405987.50	3759262.50	0.04598	405987.50	3759212.50	0.03718
405987.50	3759162.50	0.03352	405987.50	3759112.50	0.02945
405987.50	3759062.50	0.02528	405987.50	3759012.50	0.02207
405987.50	3758962.50	0.02013	405987.50	3758912.50	0.01853
405987.50	3758862.50	0.01753	405987.50	3758812.50	0.01682
405987.50	3758762.50	0.01650	405987.50	3758712.50	0.01616
405987.50	3758662.50	0.01585	406037.50	3760012.50	0.03053
406037.50	3759812.50	0.03750	406037.50	3759762.50	0.04152
406037.50	3759712.50	0.04639	406037.50	3759662.50	0.05914
406037.50	3759612.50	0.06373	406037.50	3759562.50	0.07024
406037.50	3759512.50	0.07162	406037.50	3759462.50	0.06160
406037.50	3759412.50	0.06233	406037.50	3759362.50	0.05836
406037.50	3759312.50	0.05511	406037.50	3759262.50	0.04579
406037.50	3759212.50	0.04046	406037.50	3759162.50	0.03558
406037.50	3759112.50	0.03093	406037.50	3759062.50	0.02661
406037.50	3759012.50	0.02354	406037.50	3758962.50	0.02135
406037.50	3758912.50	0.01970	406037.50	3758862.50	0.01847
406037.50	3758812.50	0.01816	406037.50	3758762.50	0.01774
406037.50	3758712.50	0.01725	406037.50	3758662.50	0.01697
406087.50	3760012.50	0.03365	406087.50	3759812.50	0.04103
406087.50	3759762.50	0.03831	406087.50	3759712.50	0.04288
406087.50	3759662.50	0.04674	406087.50	3759612.50	0.05336
406087.50	3759562.50	0.05690	406087.50	3759512.50	0.06125
406087.50	3759462.50	0.06325	406087.50	3759412.50	0.05859
406087.50	3759362.50	0.05688	406087.50	3759312.50	0.05435
406087.50	3759262.50	0.04760	406087.50	3759212.50	0.04281
406087.50	3759162.50	0.03797	406087.50	3759112.50	0.03268
406087.50	3759062.50	0.02812	406087.50	3759012.50	0.02492
406087.50	3758962.50	0.02244	406087.50	3758912.50	0.02098
406087.50	3758862.50	0.02013	406087.50	3758812.50	0.01944
406087.50	3758762.50	0.01899	406087.50	3758712.50	0.01856

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL PM emissions

*** 07/29/11
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**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Appendix B

PM Annual Emissions unmitigated

		** CONC OF OTHER IN MICROGRAMS/M**3					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
406087.50	3758662.50	0.01805	406137.50	3760012.50	0.03793		
406137.50	3759812.50	0.03693	406137.50	3759762.50	0.03959		
406137.50	3759712.50	0.04364	406137.50	3759662.50	0.04825		
406137.50	3759612.50	0.05306	406137.50	3759562.50	0.05803		
406137.50	3759512.50	0.05859	406137.50	3759462.50	0.06022		
406137.50	3759412.50	0.06393	406137.50	3759362.50	0.06435		
406137.50	3759312.50	0.06194	406137.50	3759262.50	0.05382		
406137.50	3759212.50	0.04677	406137.50	3759162.50	0.04079		
406137.50	3759112.50	0.03472	406137.50	3759062.50	0.02971		
406137.50	3759012.50	0.02662	406137.50	3758962.50	0.02426		
406137.50	3758912.50	0.02272	406137.50	3758862.50	0.02176		
406137.50	3758812.50	0.02100	406137.50	3758762.50	0.02046		
406137.50	3758712.50	0.01980	406137.50	3758662.50	0.01928		
406187.50	3759412.50	0.08082	406187.50	3759362.50	0.07598		
406187.50	3759312.50	0.07082	406187.50	3759262.50	0.05942		
406187.50	3759212.50	0.05088	406187.50	3759162.50	0.04341		
406187.50	3759112.50	0.03686	406187.50	3759062.50	0.03157		
406187.50	3759012.50	0.02820	406187.50	3758962.50	0.02624		
406187.50	3758912.50	0.02437	406187.50	3758862.50	0.02360		
406187.50	3758812.50	0.02278	406187.50	3758762.50	0.02178		
406187.50	3758712.50	0.02105	406187.50	3758662.50	0.02060		
406237.50	3759412.50	0.09031	406237.50	3759362.50	0.08455		
406237.50	3759312.50	0.07528	406237.50	3759262.50	0.06579		
406237.50	3759212.50	0.05468	406237.50	3759162.50	0.04622		
406237.50	3759112.50	0.03933	406237.50	3759062.50	0.03343		
406237.50	3759012.50	0.02967	406237.50	3758962.50	0.02765		
406237.50	3758912.50	0.02623	406237.50	3758862.50	0.02523		
406237.50	3758812.50	0.02430	406237.50	3758762.50	0.02310		
406237.50	3758712.50	0.02243	406237.50	3758662.50	0.02176		
406287.50	3759412.50	0.11225	406287.50	3759362.50	0.09416		
406287.50	3759312.50	0.08170	406287.50	3759262.50	0.07126		
406287.50	3759212.50	0.05958	406287.50	3759162.50	0.04936		
406287.50	3759112.50	0.04069	406287.50	3759062.50	0.03505		
406287.50	3759012.50	0.03128	406287.50	3758962.50	0.02921		
406287.50	3758912.50	0.02784	406287.50	3758862.50	0.02670		
406287.50	3758812.50	0.02565	406287.50	3758762.50	0.02468		
406287.50	3758712.50	0.02379	406287.50	3758662.50	0.02292		
406337.50	3759412.50	0.12301	406337.50	3759362.50	0.10571		
406337.50	3759312.50	0.09074	406337.50	3759262.50	0.07741		
406337.50	3759212.50	0.06400	406337.50	3759162.50	0.05271		

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL PM emissions

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER IN MICROGRAMS/M**3					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
406337.50	3759112.50	0.04248	406337.50	3759062.50	0.03649		
406337.50	3759012.50	0.03298	406337.50	3758962.50	0.03067		
406337.50	3758912.50	0.02930	406337.50	3758862.50	0.02812		
406337.50	3758812.50	0.02730	406337.50	3758762.50	0.02607		
406337.50	3758712.50	0.02513	406337.50	3758662.50	0.02432		
406387.50	3759362.50	0.10542	406387.50	3759312.50	0.09512		
406387.50	3759262.50	0.08153	406387.50	3759212.50	0.06894		
406387.50	3759162.50	0.05505	406387.50	3759112.50	0.04498		
406387.50	3759062.50	0.03901	406387.50	3759012.50	0.03531		
406387.50	3758962.50	0.03327	406387.50	3758912.50	0.03149		
406387.50	3758862.50	0.02903	406387.50	3758812.50	0.02804		
406387.50	3758762.50	0.02764	406387.50	3758712.50	0.02689		
406387.50	3758662.50	0.02572	406437.50	3759312.50	0.10120		
406437.50	3759262.50	0.08895	406437.50	3759212.50	0.07381		
406437.50	3759162.50	0.05738	406437.50	3759112.50	0.04683		
406437.50	3759062.50	0.04061	406437.50	3759012.50	0.03801		
406437.50	3758962.50	0.03603	406437.50	3758912.50	0.03407		

Appendix B

			PM Annual Emissions unmitigated		
406437.50	3758862.50	0.03045	406437.50	3758812.50	0.02989
406437.50	3758762.50	0.02914	406437.50	3758712.50	0.02822
406437.50	3758662.50	0.02653	406487.50	3759312.50	0.11227
406487.50	3759262.50	0.09695	406487.50	3759212.50	0.07747
406487.50	3759162.50	0.05926	406487.50	3759112.50	0.04897
406487.50	3759062.50	0.04348	406487.50	3759012.50	0.04103
406487.50	3758962.50	0.03892	406487.50	3758912.50	0.03719
406487.50	3758862.50	0.03383	406487.50	3758812.50	0.03257
406487.50	3758762.50	0.03176	406487.50	3758712.50	0.03000
406487.50	3758662.50	0.02750	406537.50	3759262.50	0.10760
406537.50	3759212.50	0.08405	406537.50	3759162.50	0.06389
406537.50	3759112.50	0.05339	406537.50	3759062.50	0.04771
406537.50	3759012.50	0.04514	406537.50	3758962.50	0.04102
406537.50	3758912.50	0.03879	406537.50	3758862.50	0.03830
406537.50	3758812.50	0.03707	406537.50	3758762.50	0.03416
406537.50	3758712.50	0.03109	406537.50	3758662.50	0.02809
406587.50	3759212.50	0.09472	406587.50	3759162.50	0.07201
406587.50	3759112.50	0.05904	406587.50	3759062.50	0.05336
406587.50	3759012.50	0.04922	406587.50	3758962.50	0.04578
406587.50	3758912.50	0.04476	406587.50	3758862.50	0.04338
406587.50	3758812.50	0.03927	406587.50	3758762.50	0.03537
406587.50	3758712.50	0.03174	406587.50	3758662.50	0.02806
406587.50	3758612.50	0.02430	406637.50	3759212.50	0.10773

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions

*** 07/29/11
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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406637.50	3759162.50	0.08103	406637.50	3759112.50	0.06730
406637.50	3759062.50	0.06102	406637.50	3759012.50	0.05337
406637.50	3758962.50	0.05403	406637.50	3758912.50	0.05137
406637.50	3758862.50	0.04667	406637.50	3758812.50	0.04082
406637.50	3758762.50	0.03544	406637.50	3758712.50	0.03129
406637.50	3758662.50	0.02624	406687.50	3759162.50	0.08679
406687.50	3759112.50	0.06934	406687.50	3759062.50	0.07109
406687.50	3759012.50	0.06696	406687.50	3758962.50	0.06277
406687.50	3758912.50	0.05591	406687.50	3758862.50	0.04752
406687.50	3758762.50	0.03395	406737.50	3759112.50	0.09192
406737.50	3759062.50	0.09822	406737.50	3759012.50	0.08190
406737.50	3758962.50	0.06902	406737.50	3758912.50	0.05532
406737.50	3758862.50	0.02443	406737.50	3758812.50	0.02112
406787.50	3759012.50	0.09119	406787.50	3758962.50	0.06838
406787.50	3758712.50	0.02707	406787.50	3758662.50	0.02366
406787.50	3758612.50	0.02019	406837.50	3758712.50	0.02725
406837.50	3758662.50	0.02390	406837.50	3758612.50	0.02073
406887.50	3758762.50	0.03151	406887.50	3758712.50	0.02755
406887.50	3758662.50	0.02444	406887.50	3758612.50	0.02015
406937.50	3758762.50	0.03382	406937.50	3758712.50	0.02925
406937.50	3758662.50	0.02569	406937.50	3758612.50	0.02366
406987.50	3758712.50	0.03374	406987.50	3758662.50	0.02850
406987.50	3758612.50	0.02759	407037.50	3758712.50	0.03868
407037.50	3758662.50	0.03143	407037.50	3758612.50	0.03344
407087.50	3758662.50	0.03578	407087.50	3758612.50	0.03929
407137.50	3758662.50	0.04314	407137.50	3758612.50	0.04263
407187.50	3758662.50	0.04788	407187.50	3758612.50	0.04495
407237.50	3758662.50	0.04672	407237.50	3758612.50	0.04362
407287.50	3758662.50	0.04154	407287.50	3758612.50	0.03958
407337.50	3758662.50	0.03556	407337.50	3758612.50	0.03362
407387.50	3758662.50	0.03155	407387.50	3758612.50	0.02972
407437.50	3758662.50	0.03543	407437.50	3758612.50	0.03092
407487.50	3758662.50	0.03494	407487.50	3758612.50	0.02461
407537.50	3758662.50	0.00280	407537.50	3758612.50	0.00263
407587.50	3758662.50	0.00295	407587.50	3758612.50	0.00278
407637.50	3758612.50	0.00291	407687.50	3758612.50	0.00301
407737.50	3758612.50	0.00307	407787.50	3758612.50	0.00309
407837.50	3758612.50	0.00309	407887.50	3758612.50	0.00305
407937.50	3758612.50	0.00300	407987.50	3758612.50	0.00294

Appendix B

PM Annual Emissions unmitigated
 408087.50 3758612.50 0.00283

408037.50 3758612.50 0.00288
 *** IS CST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions

*** 07/29/11
 *** 11:18:22
 *** PAGE 87

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
405987.50	3758612.50	0.01561	406037.50	3758612.50	0.01663
406087.50	3758612.50	0.01760	406137.50	3758612.50	0.01853
406187.50	3758612.50	0.01982	406237.50	3758612.50	0.02100
406287.50	3758612.50	0.02218	406337.50	3758612.50	0.02305
406387.50	3758612.50	0.02405	406437.50	3758612.50	0.02485
406487.50	3758612.50	0.02509	406512.50	3758562.50	0.02249
406537.50	3758612.50	0.02508	406562.50	3758562.50	0.02180
406612.50	3758562.50	0.02073	406662.50	3758562.50	0.01885
406712.50	3758562.50	0.01826	406762.50	3758562.50	0.01755
406812.50	3758562.50	0.01718	406862.50	3758562.50	0.01767
406912.50	3758562.50	0.02201	406962.50	3758562.50	0.02591
407012.50	3758562.50	0.03106	407062.50	3758562.50	0.03566
407112.50	3758562.50	0.03997	407162.50	3758562.50	0.04039
407212.50	3758562.50	0.04613	407262.50	3758562.50	0.04111
407312.50	3758562.50	0.03508	407362.50	3758562.50	0.02999
407412.50	3758562.50	0.03246	407462.50	3758562.50	0.02940
407512.50	3758562.50	0.02177	407562.50	3758562.50	0.00255
407612.50	3758562.50	0.00268	407662.50	3758562.50	0.00280
407712.50	3758562.50	0.00289	407762.50	3758562.50	0.00296
407812.50	3758562.50	0.00300	407862.50	3758562.50	0.00300
407912.50	3758562.50	0.00298	407962.50	3758562.50	0.00293
408012.50	3758562.50	0.00288	408062.50	3758562.50	0.00283
408112.50	3758562.50	0.00277	405987.50	3759987.50	0.02860
405987.50	3759937.50	0.03002	405987.50	3759887.50	0.03205
405987.50	3759837.50	0.03426	405987.50	3759787.50	0.03693
405987.50	3759737.50	0.04172	405987.50	3759687.50	0.05033
405987.50	3759637.50	0.05845	405987.50	3759587.50	0.06352
405987.50	3759537.50	0.07007	405987.50	3759487.50	0.07412
405987.50	3759437.50	0.07545	405987.50	3759387.50	0.06200
405987.50	3759337.50	0.05658	405987.50	3759287.50	0.04912
405987.50	3759237.50	0.04230	405987.50	3759187.50	0.03512
405987.50	3759137.50	0.03174	405987.50	3759087.50	0.02723
405987.50	3759037.50	0.02322	405987.50	3758987.50	0.02110
405987.50	3758937.50	0.01936	405987.50	3758887.50	0.01787
405987.50	3758837.50	0.01709	405987.50	3758787.50	0.01659
405987.50	3758737.50	0.01622	405987.50	3758687.50	0.01610
406037.50	3759987.50	0.03092	406037.50	3759837.50	0.03591
406037.50	3759787.50	0.03855	406037.50	3759737.50	0.04355
406037.50	3759687.50	0.05176	406037.50	3759637.50	0.06140
406037.50	3759587.50	0.06671	406037.50	3759537.50	0.07424

*** IS CST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406037.50	3759487.50	0.06202	406037.50	3759437.50	0.06175
406037.50	3759387.50	0.06122	406037.50	3759337.50	0.05622
406037.50	3759287.50	0.05014	406037.50	3759237.50	0.04313
406037.50	3759187.50	0.03799	406037.50	3759137.50	0.03327
406037.50	3759087.50	0.02870	406037.50	3759037.50	0.02473
406037.50	3758987.50	0.02230	406037.50	3758937.50	0.02037
406037.50	3758887.50	0.01911	406037.50	3758837.50	0.01815

Appendix B

PM Annual Emissions unmitigated

406037.50	3758787.50	0.01791	406037.50	3758737.50	0.01752
406037.50	3758687.50	0.01692	406087.50	3759987.50	0.03385
406087.50	3759837.50	0.04087	406087.50	3759787.50	0.04270
406087.50	3759737.50	0.04054	406087.50	3759687.50	0.04478
406087.50	3759637.50	0.05041	406087.50	3759587.50	0.05525
406087.50	3759537.50	0.05869	406087.50	3759487.50	0.06297
406087.50	3759437.50	0.05992	406087.50	3759387.50	0.05736
406087.50	3759337.50	0.05509	406087.50	3759287.50	0.05342
406087.50	3759237.50	0.04506	406087.50	3759187.50	0.04063
406087.50	3759137.50	0.03531	406087.50	3759087.50	0.03032
406087.50	3759037.50	0.02621	406087.50	3758987.50	0.02360
406087.50	3758937.50	0.02147	406087.50	3758887.50	0.02063
406087.50	3758837.50	0.01970	406087.50	3758787.50	0.01921
406087.50	3758737.50	0.01879	406087.50	3758687.50	0.01832
406137.50	3759987.50	0.03979	406137.50	3759837.50	0.03633
406137.50	3759787.50	0.03809	406137.50	3759737.50	0.04138
406137.50	3759687.50	0.04622	406137.50	3759637.50	0.05035
406137.50	3759587.50	0.05569	406137.50	3759537.50	0.06031
406137.50	3759487.50	0.05877	406137.50	3759437.50	0.06215
406137.50	3759387.50	0.06527	406137.50	3759337.50	0.06298
406137.50	3759287.50	0.05841	406137.50	3759237.50	0.05007
406137.50	3759187.50	0.04408	406137.50	3759137.50	0.03758
406137.50	3759087.50	0.03209	406137.50	3759037.50	0.02779
406137.50	3758987.50	0.02532	406137.50	3758937.50	0.02346
406137.50	3758887.50	0.02212	406137.50	3758837.50	0.02146
406137.50	3758787.50	0.02059	406137.50	3758737.50	0.02007
406137.50	3758687.50	0.01949	406187.50	3759437.50	0.08122
406187.50	3759387.50	0.07834	406187.50	3759337.50	0.07446
406187.50	3759287.50	0.06472	406187.50	3759237.50	0.05426
406187.50	3759187.50	0.04681	406187.50	3759137.50	0.04007
406187.50	3759087.50	0.03409	406187.50	3759037.50	0.02961
406187.50	3758987.50	0.02714	406187.50	3758937.50	0.02513
406187.50	3758887.50	0.02407	406187.50	3758837.50	0.02308
. *** IS CST3 - VERSION 02035 ***					
*** WHITTIER MATRIX OIL PROJECT					
*** ANALYSIS ANNUAL PM emissions					
*** 07/29/11					
*** 11:18:22					
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**MODELOPTs:					
CONC URBAN ELEV FLGPOL NOCALM					
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1					
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,					
*** DISCRETE CARTESIAN RECEPTOR POINTS ***					
** CONC OF OTHER IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406187.50	3758787.50	0.02209	406187.50	3758737.50	0.02144
406187.50	3758687.50	0.02071	406237.50	3759437.50	0.10099
406237.50	3759387.50	0.08799	406237.50	3759337.50	0.08003
406237.50	3759287.50	0.07087	406237.50	3759237.50	0.05989
406237.50	3759187.50	0.05050	406237.50	3759137.50	0.04213
406237.50	3759087.50	0.03620	406237.50	3759037.50	0.03121
406237.50	3758987.50	0.02852	406237.50	3758937.50	0.02698
406237.50	3758887.50	0.02560	406237.50	3758837.50	0.02487
406237.50	3758787.50	0.02371	406237.50	3758737.50	0.02288
406237.50	3758687.50	0.02193	406287.50	3759437.50	0.11084
406287.50	3759387.50	0.11375	406287.50	3759337.50	0.08722
406287.50	3759287.50	0.07691	406287.50	3759237.50	0.06546
406287.50	3759187.50	0.05374	406287.50	3759137.50	0.04499
406287.50	3759087.50	0.03758	406287.50	3759037.50	0.03308
406287.50	3758987.50	0.02998	406287.50	3758937.50	0.02859
406287.50	3758887.50	0.02717	406287.50	3758837.50	0.02584
406287.50	3758787.50	0.02544	406287.50	3758737.50	0.02427
406287.50	3758687.50	0.02349	406337.50	3759437.50	0.12195
406337.50	3759387.50	0.12317	406337.50	3759337.50	0.09833
406337.50	3759287.50	0.08389	406337.50	3759237.50	0.07076
406337.50	3759187.50	0.05830	406337.50	3759137.50	0.04753
406337.50	3759087.50	0.03894	406337.50	3759037.50	0.03466
406337.50	3758987.50	0.03170	406337.50	3758937.50	0.02980
406337.50	3758887.50	0.02883	406337.50	3758837.50	0.02741
406337.50	3758787.50	0.02670	406337.50	3758737.50	0.02576
406337.50	3758687.50	0.02471	406387.50	3759337.50	0.10011
406387.50	3759287.50	0.08907	406387.50	3759237.50	0.07548
406387.50	3759187.50	0.06215	406387.50	3759137.50	0.04957
406387.50	3759087.50	0.04134	406387.50	3759037.50	0.03651

Appendix B

PM Annual Emissions unmitigated

406387.50	3758987.50	0.03426	406387.50	3758937.50	0.03239
406387.50	3758887.50	0.02992	406387.50	3758837.50	0.02873
406387.50	3758787.50	0.02789	406387.50	3758737.50	0.02731
406387.50	3758687.50	0.02639	406437.50	3759337.50	0.10727
406437.50	3759287.50	0.09480	406437.50	3759237.50	0.08228
406437.50	3759187.50	0.06558	406437.50	3759137.50	0.05152
406437.50	3759087.50	0.04327	406437.50	3759037.50	0.03868
406437.50	3758987.50	0.03674	406437.50	3758937.50	0.03532
406437.50	3758887.50	0.03219	406437.50	3758837.50	0.03009
406437.50	3758787.50	0.02957	406437.50	3758737.50	0.02860
406437.50	3758687.50	0.02783	406487.50	3759287.50	0.10498

• *** ISCS T3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL PM emissions

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406487.50	3759237.50	0.08823	406487.50	3759187.50	0.06733
406487.50	3759137.50	0.05368	406487.50	3759087.50	0.04555
406487.50	3759037.50	0.04196	406487.50	3758987.50	0.04023
406487.50	3758937.50	0.03835	406487.50	3758887.50	0.03493
406487.50	3758837.50	0.03341	406487.50	3758787.50	0.03235
406487.50	3758737.50	0.03091	406487.50	3758687.50	0.02889
406537.50	3759237.50	0.09483	406537.50	3759187.50	0.07224
406537.50	3759137.50	0.05749	406537.50	3759087.50	0.05053
406537.50	3759037.50	0.04637	406537.50	3758987.50	0.04307
406537.50	3758937.50	0.03992	406537.50	3758887.50	0.03846
406537.50	3758837.50	0.03810	406537.50	3758787.50	0.03592
406537.50	3758737.50	0.03280	406537.50	3758687.50	0.02975
406587.50	3759237.50	0.10924	406587.50	3759187.50	0.08189
406587.50	3759137.50	0.06388	406587.50	3759087.50	0.05593
406587.50	3759037.50	0.05123	406587.50	3758987.50	0.04732
406587.50	3758937.50	0.04535	406587.50	3758887.50	0.04393
406587.50	3758837.50	0.04146	406587.50	3758787.50	0.03759
406587.50	3758737.50	0.03325	406587.50	3758687.50	0.02978
406587.50	3758637.50	0.02602	406637.50	3759187.50	0.09129
406637.50	3759137.50	0.07195	406637.50	3759087.50	0.06388
406637.50	3759037.50	0.05511	406637.50	3758987.50	0.05333
406637.50	3758937.50	0.05280	406637.50	3758887.50	0.04963
406637.50	3758837.50	0.04375	406637.50	3758787.50	0.03805
406637.50	3758737.50	0.03301	406637.50	3758687.50	0.02911
406687.50	3759137.50	0.07730	406687.50	3759087.50	0.06940
406687.50	3759037.50	0.06705	406687.50	3758987.50	0.06501
406687.50	3758937.50	0.06044	406687.50	3758887.50	0.05123
406687.50	3758837.50	0.04400	406687.50	3758737.50	0.03135
406737.50	3759137.50	0.09234	406737.50	3759037.50	0.08842
406737.50	3758987.50	0.07567	406737.50	3758937.50	0.06138
406737.50	3758637.50	0.02270	406787.50	3759037.50	0.10846
406787.50	3758987.50	0.07859	406787.50	3758937.50	0.05953
406787.50	3758687.50	0.02523	406787.50	3758637.50	0.02109
406837.50	3758737.50	0.02919	406837.50	3758687.50	0.02559
406837.50	3758637.50	0.02196	406887.50	3758787.50	0.03393
406887.50	3758737.50	0.02942	406887.50	3758687.50	0.02590
406887.50	3758637.50	0.02261	406937.50	3758737.50	0.03103
406937.50	3758687.50	0.02767	406937.50	3758637.50	0.02434
406987.50	3758737.50	0.03536	406987.50	3758687.50	0.03157
406987.50	3758637.50	0.02711	407037.50	3758687.50	0.03473

• *** ISCS T3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL PM emissions

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Appendix B

PM Annual Emissions unmitigated

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407037.50	3758637.50	0.03161	407087.50	3758637.50	0.03971
407137.50	3758637.50	0.04321	407187.50	3758637.50	0.04516
407237.50	3758637.50	0.04446	407287.50	3758637.50	0.04056
407337.50	3758637.50	0.03476	407387.50	3758637.50	0.03056
407437.50	3758637.50	0.03268	407487.50	3758637.50	0.02586
407537.50	3758637.50	0.00271	407587.50	3758637.50	0.00286
407637.50	3758637.50	0.00299	407687.50	3758637.50	0.00308
407737.50	3758637.50	0.00313	407787.50	3758637.50	0.00315
407837.50	3758637.50	0.00312	407887.50	3758637.50	0.00308
407937.50	3758637.50	0.00302	407987.50	3758637.50	0.00296
408037.50	3758637.50	0.00290	408087.50	3758637.50	0.00285
405987.50	3758637.50	0.01581	405987.50	3758587.50	0.01559
406037.50	3758637.50	0.01677	406037.50	3758587.50	0.01646
406087.50	3758637.50	0.01777	406087.50	3758587.50	0.01742
406137.50	3758637.50	0.01879	406137.50	3758587.50	0.01831
406187.50	3758637.50	0.02018	406187.50	3758587.50	0.01945
406237.50	3758637.50	0.02123	406237.50	3758587.50	0.02063
406287.50	3758637.50	0.02253	406287.50	3758587.50	0.02179
406337.50	3758637.50	0.02353	406337.50	3758587.50	0.02253
406387.50	3758637.50	0.02474	406387.50	3758587.50	0.02301
406437.50	3758637.50	0.02575	406437.50	3758587.50	0.02369
406487.50	3758637.50	0.02641	406487.50	3758587.50	0.02371
406537.50	3758637.50	0.02649	406537.50	3758587.50	0.02373
406587.50	3758587.50	0.02267	406737.50	3758587.50	0.01933
406787.50	3758587.50	0.01947	406837.50	3758587.50	0.01882
406887.50	3758587.50	0.01787	406937.50	3758587.50	0.02364
406987.50	3758587.50	0.02812	407037.50	3758587.50	0.03447
407087.50	3758587.50	0.03818	407137.50	3758587.50	0.04135
407187.50	3758587.50	0.04517	407237.50	3758587.50	0.04442
407287.50	3758587.50	0.03821	407337.50	3758587.50	0.03294
407387.50	3758587.50	0.02915	407437.50	3758587.50	0.02997
407487.50	3758587.50	0.02388	407537.50	3758587.50	0.00256
407587.50	3758587.50	0.00269	407637.50	3758587.50	0.00282
407687.50	3758587.50	0.00293	407737.50	3758587.50	0.00300
407787.50	3758587.50	0.00304	407837.50	3758587.50	0.00305
407887.50	3758587.50	0.00302	407937.50	3758587.50	0.00298
407987.50	3758587.50	0.00293	408037.50	3758587.50	0.00287
408087.50	3758587.50	0.00281	408749.81	3760427.50	0.00350
408576.44	3760430.50	0.00379	408341.81	3760655.25	0.00432
408422.13	3760726.50	0.00409	408512.50	3760597.25	0.00385

• *** IS CST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL PM emissions

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
408737.16	3760284.25	0.00350	407589.22	3757492.75	0.00187
406297.84	3757662.00	0.00566	406584.22	3757389.75	0.00504
407118.84	3757983.50	0.01794	406874.28	3758349.75	0.01766
406620.19	3758321.00	0.01245	406622.53	3757771.75	0.00706
406913.03	3757488.00	0.00843	406700.63	3757538.25	0.00651
407066.22	3757290.75	0.00835	407127.28	3757406.50	0.00946
408971.50	3759219.25	0.00563	408922.47	3758958.75	0.00409
408826.50	3758876.00	0.00353	409072.44	3758868.25	0.00365
408994.97	3758728.50	0.00301	408227.34	3758224.50	0.00264
408139.69	3758492.50	0.00272	408581.97	3758154.25	0.00239
408461.59	3758025.75	0.00253	407729.41	3758130.75	0.00189
407645.41	3757976.25	0.00173	407482.91	3757723.50	0.01187
405320.38	3759820.00	0.01761	405904.09	3759261.50	0.04140
405691.53	3759433.25	0.04023	405617.38	3759631.25	0.04306
405524.66	3759523.75	0.03219	405402.38	3759491.75	0.02913
405646.00	3759323.00	0.03296	405616.31	3759173.50	0.02410
405512.63	3759095.00	0.01898	405377.47	3759043.00	0.01619
405466.31	3758975.75	0.01459	405527.84	3758925.25	0.01347
406550.63	3758915.00	0.04033	406480.47	3759093.00	0.04550

Appendix B

PM Annual Emissions unmitigated

406259.69	3759222.50	0.05912	406195.81	3759106.75	0.03655
406070.25	3759025.25	0.02499	405757.63	3758923.00	0.01564
405844.38	3758855.25	0.01501	406318.13	3758856.00	0.02766
406403.53	3759010.50	0.03608	406352.00	3759038.50	0.03522
406045.00	3760461.25	0.02703	407358.28	3758534.50	0.03027
407261.69	3758458.75	0.03842	406506.84	3758549.25	0.02202
406457.91	3758378.00	0.01603	406301.69	3758551.25	0.02127
406205.03	3758613.50	0.02026	406115.41	3758675.25	0.01880
406028.59	3758737.00	0.01715	405938.28	3758799.00	0.01584
405736.72	3758451.50	0.01134	405814.44	3758395.25	0.01211
406257.69	3758091.75	0.01116	406166.63	3758153.50	0.01255
405932.31	3758196.50	0.01208	406072.19	3758298.75	0.01411
405823.09	3758062.75	0.01043	405911.28	3757995.50	0.01023
405982.13	3757889.25	0.00935	405799.16	3757924.25	0.00931
405647.81	3758653.25	0.01075	405489.16	3758508.50	0.00901
405436.44	3758454.50	0.00858	405455.72	3758338.00	0.00877
405549.16	3758093.00	0.00909	405661.88	3758014.50	0.00935
405479.72	3758764.50	0.01011	405359.16	3758904.50	0.01214
405170.69	3759021.00	0.01459	405201.97	3758906.00	0.01179
405349.88	3758821.25	0.01032	405215.44	3758773.00	0.00924
405359.75	3758681.25	0.00867	405435.38	3758629.50	0.00885

*** ISCSST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions *** 11:18:22
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 93
 CONC

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
405236.44	3759463.75	0.02278	405212.38	3759382.75	0.02154
405186.19	3759300.00	0.02035	405257.38	3759088.75	0.01671
408456.66	3760361.75	0.00404	408269.97	3760516.25	0.00453
407367.84	3760879.75	0.02011	408322.63	3760275.50	0.00439
408794.38	3759931.00	0.00387	406130.81	3760014.50	0.03720

*** ISCSST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions *** 11:18:22
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 94
 CONC

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
1	1ST HIGHEST VALUE IS	0.13723 AT (407162.81, 3759027.25, 140.94, 1.50)	DC	NA
	2ND HIGHEST VALUE IS	0.13638 AT (407179.00, 3759048.00, 141.88, 1.50)	DC	NA
	3RD HIGHEST VALUE IS	0.12805 AT (407196.97, 3759050.00, 143.68, 1.50)	DC	NA
	4TH HIGHEST VALUE IS	0.12317 AT (406337.50, 3759387.50, 152.19, 1.50)	DC	NA
	5TH HIGHEST VALUE IS	0.12307 AT (407144.13, 3759004.00, 138.41, 1.50)	DC	NA
	6TH HIGHEST VALUE IS	0.12301 AT (406337.50, 3759412.50, 153.65, 1.50)	DC	NA
	7TH HIGHEST VALUE IS	0.12285 AT (406588.16, 3759257.75, 138.81, 1.50)	DC	NA
	8TH HIGHEST VALUE IS	0.12195 AT (406337.50, 3759437.50, 154.93, 1.50)	DC	NA
	9TH HIGHEST VALUE IS	0.12143 AT (406609.25, 3759244.25, 138.59, 1.50)	DC	NA
	10TH HIGHEST VALUE IS	0.12092 AT (406351.53, 3759469.50, 153.74, 1.50)	DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 BD = BOUNDARY

*** ISCSST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions *** 11:18:22
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 95
 CONC

Appendix B

PM Annual Emissions unmitigated

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 75552 Informational Message(s)

A Total of 1405 Calm Hours Identified

A Total of 74147 Cases Identified with HE > ZI

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
ME W360 7444 SET_WI:2-Digit Year Specified: Valid for Range 1950-2049 SURFDATA
RE W282 7437 CHK_EL:RecElev < SrcBase; See non-DEFAULT HE>ZI option in MCB#9

*** ISCST3 Finishes Successfully ***

Appendix B

PM Annual Emissions Mitigated

** ISC input file generated by GCC from
** Date: 7/22/2011

CO STARTING

TITLEONE WHITTIER MATRIX OIL PROJECT
TITLETWO ANALYSIS ANNUAL PM emissions mitigated
MODELOPT CONC URBAN NOCALM
AVERTIME ANNUAL
POLLUTID Other
TERRHGTs ELEV
RUNORNOT RUN
ERRORFIL c:\ISC\zERROR.ERR
FLAGPOLE 0.0

CO FINISHED

** UTMZONE 11
** SRCPARAM g/sec - height m - temp K - velocity m/s - dia m

SO STARTING

ELEVUNIT FEET

** Flare
LOCATION 1 POINT 407065 3759568 495
SRCPARAM 1 0.002 12.2 1050 3.7 1.8

** DEA Reboiler
LOCATION 2 POINT 407085 3759498 495
SRCPARAM 2 0.008 6.1 565.0 2.8 0.25

** Heater
LOCATION 3 POINT 407085 3759498 495
SRCPARAM 3 0.002 6.1 565.0 2.8 0.5

** Drill Rig
LOCATION 4 POINT 407130 3759340 485
SRCPARAM 4 0.003 4.0 783.0 3.6 0.2

SRCGROUP 1 1-4

SO FINISHED

RE STARTING

ELEVUNIT FEET

** receptor 1 property boundary receptor: 1
DISCCART 409779.521165832 3759787.55611628 0.00 1.50
** receptor =B6+1 property boundary receptor: =C6+1
DISCCART 409779.356248946 3759762.55120596 0.00 1.50
** receptor =B7+1 property boundary receptor: =C7+1
DISCCART 409779.19133206 3759737.5562936 0.00 1.50
** receptor =B8+1 property boundary receptor: =C8+1
DISCCART 409779.026415174 3759712.55138327 0.00 1.50
** receptor =B9+1 property boundary receptor: =C9+1
DISCCART 409778.869744132 3759687.55647092 0.00 1.50
** receptor =B10+1 property boundary receptor: =C10+1
DISCCART 409778.704827246 3759662.56155856 0.00 1.50
** receptor =B11+1 property boundary receptor: =C11+1
DISCCART 409778.539910361 3759637.55664824 0.00 1.50
** receptor =B12+1 property boundary receptor: =C12+1
DISCCART 409778.374993475 3759612.56173588 0.00 1.50
** receptor =B13+1 property boundary receptor: =C13+1
DISCCART 409778.210076589 3759587.55682556 0.00 1.50
** receptor =B14+1 property boundary receptor: =C14+1
DISCCART 409778.053405547 3759562.5619132 0.00 1.50
** receptor =B15+1 property boundary receptor: =C15+1
DISCCART 409777.888488661 3759537.55700287 0.00 1.50
** receptor =B16+1 property boundary receptor: =C16+1
DISCCART 409777.723571775 3759512.56209052 0.00 1.50
** receptor =B17+1 property boundary receptor: =C17+1
DISCCART 409777.558654889 3759487.55718019 0.00 1.50

Appendix B

PM Annual Emissions Mitigated

```

** receptor =B18+1 property boundary receptor: =C18+1
DISCCART 409777.393738003 3759462.56226784 0.00 1.50
** receptor =B19+1 property boundary receptor: =C19+1
DISCCART 409777.237066962 3759437.55735751 0.00 1.50
** receptor =B20+1 property boundary receptor: =C20+1
DISCCART 409777.072150076 3759412.56244516 0.00 1.50
** receptor =B21+1 property boundary receptor: =C21+1
DISCCART 409776.90723319 3759387.55753483 0.00 1.50
** receptor =B22+1 property boundary receptor: =C22+1
DISCCART 409776.742316304 3759362.56262247 0.00 1.50
** receptor =B23+1 property boundary receptor: =C23+1
DISCCART 409776.577399418 3759337.56771012 0.00 1.50
** receptor =B24+1 property boundary receptor: =C24+1
DISCCART 409776.420728376 3759312.56279979 0.00 1.50
** receptor =B25+1 property boundary receptor: =C25+1
DISCCART 409776.25581149 3759287.56788744 0.00 1.50
** receptor =B26+1 property boundary receptor: =C26+1
DISCCART 409776.090894605 3759262.56297711 0.00 1.50
** receptor =B27+1 property boundary receptor: =C27+1
DISCCART 409775.925977719 3759237.56806476 0.00 1.50
** receptor =B28+1 property boundary receptor: =C28+1
DISCCART 409775.653864857 3759212.56315443 0.00 1.50
** receptor =B29+1 property boundary receptor: =C29+1
DISCCART 409775.389997839 3759187.56824207 0.00 1.50
** receptor =B30+1 property boundary receptor: =C30+1
DISCCART 409775.117884978 3759162.56333175 0.00 1.50
** receptor =B31+1 property boundary receptor: =C31+1
DISCCART 409774.845772116 3759137.56841939 0.00 1.50
** receptor =B32+1 property boundary receptor: =C32+1
DISCCART 409774.581905098 3759112.57350704 0.00 1.50
** receptor =B33+1 property boundary receptor: =C33+1
DISCCART 409774.309792237 3759087.56859671 0.00 1.50
** receptor =B34+1 property boundary receptor: =C34+1
DISCCART 409774.037679375 3759062.57368436 0.00 1.50
** receptor =B35+1 property boundary receptor: =C35+1
DISCCART 409773.773812357 3759037.578772 0.00 1.50
** receptor =B36+1 property boundary receptor: =C36+1
DISCCART 409765.239363511 3759020.17231503 0.00 1.50
** receptor =B37+1 property boundary receptor: =C37+1
DISCCART 409740.237963605 3759020.5522377 0.00 1.50
** receptor =B38+1 property boundary receptor: =C38+1
DISCCART 409715.244809544 3759020.89216851 0.00 1.50
** receptor =B39+1 property boundary receptor: =C39+1
DISCCART 409690.243409638 3759021.21210339 0.00 1.50
** receptor =B40+1 property boundary receptor: =C40+1
DISCCART 409665.242009733 3759021.53203826 0.00 1.50
** receptor =B41+1 property boundary receptor: =C41+1
DISCCART 409640.248855671 3759021.86197111 0.00 1.50
** receptor =B42+1 property boundary receptor: =C42+1
DISCCART 409615.247455766 3759022.18190599 0.00 1.50
** receptor =B43+1 property boundary receptor: =C43+1
DISCCART 409590.254301704 3759022.50184086 0.00 1.50
** receptor =B44+1 property boundary receptor: =C44+1
DISCCART 409565.252901799 3759022.83177371 0.00 1.50
** receptor =B45+1 property boundary receptor: =C45+1
DISCCART 409540.259747738 3759023.15170858 0.00 1.50
** receptor =B46+1 property boundary receptor: =C46+1
DISCCART 409515.266593676 3759024.15150508 0.00 1.50
** receptor =B47+1 property boundary receptor: =C47+1
DISCCART 409490.289931303 3759025.35126087 0.00 1.50
** receptor =B48+1 property boundary receptor: =C48+1
DISCCART 409465.321514775 3759026.38105126 0.00 1.50
** receptor =B49+1 property boundary receptor: =C49+1
DISCCART 409440.336606558 3759027.09090677 0.00 1.50
** receptor =B50+1 property boundary receptor: =C50+1
DISCCART 409415.351698341 3759027.66079077 0.00 1.50
** receptor =B51+1 property boundary receptor: =C51+1
DISCCART 409390.342052591 3759027.87074804 0.00 1.50
** receptor =B52+1 property boundary receptor: =C52+1
DISCCART 409365.34889853 3759028.39064221 0.00 1.50
** receptor =B53+1 property boundary receptor: =C53+1
DISCCART 409340.355744468 3759028.90053843 0.00 1.50
** receptor =B54+1 property boundary receptor: =C54+1
DISCCART 409315.362590407 3759029.4204326 0.00 1.50
** receptor =B55+1 property boundary receptor: =C55+1
DISCCART 409290.369436346 3759029.94032678 0.00 1.50

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Appendix B

PM Annual Emissions Mitigated

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** receptor =B56+1 property boundary receptor: =C56+1
DISCCART 409265.376282284 3759030.45022299 0.00 1.50
** receptor =B57+1 property boundary receptor: =C57+1
DISCCART 409240.374882379 3759030.97011717 0.00 1.50
** receptor =B58+1 property boundary receptor: =C58+1
DISCCART 409215.381728317 3759031.48001338 0.00 1.50
** receptor =B59+1 property boundary receptor: =C59+1
DISCCART 409190.388574256 3759031.99990756 0.00 1.50
** receptor =B60+1 property boundary receptor: =C60+1
DISCCART 409165.395420195 3759032.51980174 0.00 1.50
** receptor =B61+1 property boundary receptor: =C61+1
DISCCART 409140.402266133 3759033.02969795 0.00 1.50
** receptor =B62+1 property boundary receptor: =C62+1
DISCCART 409115.400866228 3759033.54959213 0.00 1.50
** receptor =B63+1 property boundary receptor: =C63+1
DISCCART 409090.407712167 3759034.0694863 0.00 1.50
** receptor =B64+1 property boundary receptor: =C64+1
DISCCART 409065.414558105 3759034.57938251 0.00 1.50
** receptor =B65+1 property boundary receptor: =C65+1
DISCCART 409040.421404044 3759035.09927669 0.00 1.50
** receptor =B66+1 property boundary receptor: =C66+1
DISCCART 409015.428249983 3759035.61917087 0.00 1.50
** receptor =B67+1 property boundary receptor: =C67+1
DISCCART 408990.426850077 3759036.12906708 0.00 1.50
** receptor =B68+1 property boundary receptor: =C68+1
DISCCART 408965.433696016 3759036.64896126 0.00 1.50
** receptor =B69+1 property boundary receptor: =C69+1
DISCCART 408940.440541954 3759037.15885747 0.00 1.50
** receptor =B70+1 property boundary receptor: =C70+1
DISCCART 408915.447387893 3759037.67875165 0.00 1.50
** receptor =B71+1 property boundary receptor: =C71+1
DISCCART 408890.454233832 3759038.19864582 0.00 1.50
** receptor =B72+1 property boundary receptor: =C72+1
DISCCART 408865.46107977 3759038.70854204 0.00 1.50
** receptor =B73+1 property boundary receptor: =C73+1
DISCCART 408840.459679865 3759039.22843621 0.00 1.50
** receptor =B74+1 property boundary receptor: =C74+1
DISCCART 408815.466525803 3759039.74833039 0.00 1.50
** receptor =B75+1 property boundary receptor: =C75+1
DISCCART 408790.473371742 3759040.2582266 0.00 1.50
** receptor =B76+1 property boundary receptor: =C76+1
DISCCART 408765.480217681 3759040.77812078 0.00 1.50
** receptor =B77+1 property boundary receptor: =C77+1
DISCCART 408740.487063619 3759041.28801699 0.00 1.50
** receptor =B78+1 property boundary receptor: =C78+1
DISCCART 408715.485663714 3759041.80791117 0.00 1.50
** receptor =B79+1 property boundary receptor: =C79+1
DISCCART 408690.492509652 3759042.32780535 0.00 1.50
** receptor =B80+1 property boundary receptor: =C80+1
DISCCART 408665.499355591 3759042.83770156 0.00 1.50
** receptor =B81+1 property boundary receptor: =C81+1
DISCCART 408640.50620153 3759043.35759573 0.00 1.50
** receptor =B82+1 property boundary receptor: =C82+1
DISCCART 408615.513047468 3759043.87748991 0.00 1.50
** receptor =B83+1 property boundary receptor: =C83+1
DISCCART 408590.519893407 3759044.38738612 0.00 1.50
** receptor =B84+1 property boundary receptor: =C84+1
DISCCART 408581.894740273 3759028.87054453 0.00 1.50
** receptor =B85+1 property boundary receptor: =C85+1
DISCCART 408581.58139819 3759003.87563217 0.00 1.50
** receptor =B86+1 property boundary receptor: =C86+1
DISCCART 408581.268056107 3758978.88071982 0.00 1.50
** receptor =B87+1 property boundary receptor: =C87+1
DISCCART 408580.954714024 3758953.87580949 0.00 1.50
** receptor =B88+1 property boundary receptor: =C88+1
DISCCART 408580.64137194 3758928.88089714 0.00 1.50
** receptor =B89+1 property boundary receptor: =C89+1
DISCCART 408580.328029857 3758903.88598478 0.00 1.50
** receptor =B90+1 property boundary receptor: =C90+1
DISCCART 408580.014687774 3758878.88107445 0.00 1.50
** receptor =B91+1 property boundary receptor: =C91+1
DISCCART 408579.701345691 3758853.8861621 0.00 1.50
** receptor =B92+1 property boundary receptor: =C92+1
DISCCART 408579.388003607 3758828.89124974 0.00 1.50
** receptor =B93+1 property boundary receptor: =C93+1
DISCCART 408579.074661524 3758803.88633942 0.00 1.50

```

Appendix B

PM Annual Emissions Mitigated

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** receptor =B94+1 property boundary receptor: =C94+1
DISCCART 408578.761319441 3758778.89142706 0.00 1.50
** receptor =B95+1 property boundary receptor: =C95+1
DISCCART 408578.447977358 3758753.8965147 0.00 1.50
** receptor =B96+1 property boundary receptor: =C96+1
DISCCART 408578.134635274 3758728.89160438 0.00 1.50
** receptor =B97+1 property boundary receptor: =C97+1
DISCCART 408567.835575749 3758707.58594108 0.00 1.50
** receptor =B98+1 property boundary receptor: =C98+1
DISCCART 408550.700711301 3758689.38964489 0.00 1.50
** receptor =B99+1 property boundary receptor: =C99+1
DISCCART 408533.565846854 3758671.18335073 0.00 1.50
** receptor =B100+1 property boundary receptor: =C100+1
DISCCART 408513.767574699 3758658.37595763 0.00 1.50
** receptor =B101+1 property boundary receptor: =C101+1
DISCCART 408488.774420638 3758658.81586809 0.00 1.50
** receptor =B102+1 property boundary receptor: =C102+1
DISCCART 408463.773020732 3758659.26577651 0.00 1.50
** receptor =B103+1 property boundary receptor: =C103+1
DISCCART 408438.779866671 3758659.70568697 0.00 1.50
** receptor =B104+1 property boundary receptor: =C104+1
DISCCART 408413.78671261 3758660.15559539 0.00 1.50
** receptor =B105+1 property boundary receptor: =C105+1
DISCCART 408388.785312704 3758660.59550585 0.00 1.50
** receptor =B106+1 property boundary receptor: =C106+1
DISCCART 408363.792158643 3758661.04541427 0.00 1.50
** receptor =B107+1 property boundary receptor: =C107+1
DISCCART 408338.799004582 3758661.48532473 0.00 1.50
** receptor =B108+1 property boundary receptor: =C108+1
DISCCART 408313.797604676 3758661.93523315 0.00 1.50
** receptor =B109+1 property boundary receptor: =C109+1
DISCCART 408288.804450615 3758662.37514361 0.00 1.50
** receptor =B110+1 property boundary receptor: =C110+1
DISCCART 408263.811296553 3758662.81505407 0.00 1.50
** receptor =B111+1 property boundary receptor: =C111+1
DISCCART 408238.809896648 3758663.26496249 0.00 1.50
** receptor =B112+1 property boundary receptor: =C112+1
DISCCART 408213.816742586 3758663.70487295 0.00 1.50
** receptor =B113+1 property boundary receptor: =C113+1
DISCCART 408188.823588525 3758664.15478137 0.00 1.50
** receptor =B114+1 property boundary receptor: =C114+1
DISCCART 408163.822188619 3758664.59469183 0.00 1.50
** receptor =B115+1 property boundary receptor: =C115+1
DISCCART 408138.829034558 3758665.04460025 0.00 1.50
** receptor =B116+1 property boundary receptor: =C116+1
DISCCART 408113.835880497 3758665.48451071 0.00 1.50
** receptor =B117+1 property boundary receptor: =C117+1
DISCCART 408088.834480591 3758665.93441913 0.00 1.50
** receptor =B118+1 property boundary receptor: =C118+1
DISCCART 408063.84132653 3758666.37432959 0.00 1.50
** receptor =B119+1 property boundary receptor: =C119+1
DISCCART 408038.839926624 3758666.82423801 0.00 1.50
** receptor =B120+1 property boundary receptor: =C120+1
DISCCART 408013.846772563 3758667.26414847 0.00 1.50
** receptor =B121+1 property boundary receptor: =C121+1
DISCCART 407988.853618501 3758667.71405689 0.00 1.50
** receptor =B122+1 property boundary receptor: =C122+1
DISCCART 407963.852218596 3758668.15396735 0.00 1.50
** receptor =B123+1 property boundary receptor: =C123+1
DISCCART 407938.859064535 3758668.59387781 0.00 1.50
** receptor =B124+1 property boundary receptor: =C124+1
DISCCART 407913.865910473 3758669.04378623 0.00 1.50
** receptor =B125+1 property boundary receptor: =C125+1
DISCCART 407888.864510568 3758669.48369669 0.00 1.50
** receptor =B126+1 property boundary receptor: =C126+1
DISCCART 407863.871356506 3758669.93360511 0.00 1.50
** receptor =B127+1 property boundary receptor: =C127+1
DISCCART 407838.878202445 3758670.37351557 0.00 1.50
** receptor =B128+1 property boundary receptor: =C128+1
DISCCART 407813.876802539 3758670.82342399 0.00 1.50
** receptor =B129+1 property boundary receptor: =C129+1
DISCCART 407788.883648478 3758671.26333445 0.00 1.50
** receptor =B130+1 property boundary receptor: =C130+1
DISCCART 407763.890494417 3758671.71324287 0.00 1.50
** receptor =B131+1 property boundary receptor: =C131+1
DISCCART 407738.889094511 3758672.15315333 0.00 1.50

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Appendix B

PM Annual Emissions Mitigated

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** receptor =B132+1 property boundary receptor: =C132+1
DISCCART 407713.89594045 3758672.60306175 0.00 1.50
** receptor =B133+1 property boundary receptor: =C133+1
DISCCART 407688.902786388 3758673.04297221 0.00 1.50
** receptor =B134+1 property boundary receptor: =C134+1
DISCCART 407663.901386483 3758673.49288063 0.00 1.50
** receptor =B135+1 property boundary receptor: =C135+1
DISCCART 407638.908232421 3758673.93279109 0.00 1.50
** receptor =B136+1 property boundary receptor: =C136+1
DISCCART 407613.91507836 3758674.37270154 0.00 1.50
** receptor =B137+1 property boundary receptor: =C137+1
DISCCART 407588.913678454 3758674.82260997 0.00 1.50
** receptor =B138+1 property boundary receptor: =C138+1
DISCCART 407563.920524393 3758675.26252042 0.00 1.50
** receptor =B139+1 property boundary receptor: =C139+1
DISCCART 407538.919124488 3758675.71242885 0.00 1.50
** receptor =B140+1 property boundary receptor: =C140+1
DISCCART 407513.925970426 3758676.1523393 487.00 1.50
** receptor =B141+1 property boundary receptor: =C141+1
DISCCART 407488.916324676 3758676.67223348 504.80 1.50
** receptor =B142+1 property boundary receptor: =C142+1
DISCCART 407463.956153992 3758678.00196282 508.50 1.50
** receptor =B143+1 property boundary receptor: =C143+1
DISCCART 407438.987737464 3758679.33169215 508.00 1.50
** receptor =B144+1 property boundary receptor: =C144+1
DISCCART 407414.02756678 3758680.66142149 499.00 1.50
** receptor =B145+1 property boundary receptor: =C145+1
DISCCART 407389.059150251 3758681.99115083 491.80 1.50
** receptor =B146+1 property boundary receptor: =C146+1
DISCCART 407364.090733723 3758683.32088017 483.60 1.50
** receptor =B147+1 property boundary receptor: =C147+1
DISCCART 407339.130563039 3758684.6506095 473.10 1.50
** receptor =B148+1 property boundary receptor: =C148+1
DISCCART 407314.16214651 3758685.98033884 464.30 1.50
** receptor =B149+1 property boundary receptor: =C149+1
DISCCART 407289.201975826 3758687.31006818 459.00 1.50
** receptor =B150+1 property boundary receptor: =C150+1
DISCCART 407264.233559298 3758688.63979752 450.60 1.50
** receptor =B151+1 property boundary receptor: =C151+1
DISCCART 407239.273388613 3758689.96952686 445.20 1.50
** receptor =B152+1 property boundary receptor: =C152+1
DISCCART 407214.304972085 3758691.29925619 439.20 1.50
** receptor =B153+1 property boundary receptor: =C153+1
DISCCART 407189.344801401 3758692.62898553 421.30 1.50
** receptor =B154+1 property boundary receptor: =C154+1
DISCCART 407164.376384872 3758693.95871487 400.40 1.50
** receptor =B155+1 property boundary receptor: =C155+1
DISCCART 407139.416214188 3758695.27844624 382.00 1.50
** receptor =B156+1 property boundary receptor: =C156+1
DISCCART 407114.44779766 3758696.60817558 377.20 1.50
** receptor =B157+1 property boundary receptor: =C157+1
DISCCART 407089.487626976 3758697.93790491 384.00 1.50
** receptor =B158+1 property boundary receptor: =C158+1
DISCCART 407065.681874493 3758703.39679377 394.00 1.50
** receptor =B159+1 property boundary receptor: =C159+1
DISCCART 407045.124984663 3758717.63389585 400.10 1.50
** receptor =B160+1 property boundary receptor: =C160+1
DISCCART 407024.576340677 3758731.87099793 403.40 1.50
** receptor =B161+1 property boundary receptor: =C161+1
DISCCART 407004.019450847 3758746.09810204 406.20 1.50
** receptor =B162+1 property boundary receptor: =C162+1
DISCCART 406983.470806861 3758760.33520412 410.90 1.50
** receptor =B163+1 property boundary receptor: =C163+1
DISCCART 406962.922162876 3758774.5723062 415.50 1.50
** receptor =B164+1 property boundary receptor: =C164+1
DISCCART 406942.365273046 3758788.80940828 416.90 1.50
** receptor =B165+1 property boundary receptor: =C165+1
DISCCART 406921.81662906 3758803.0365124 418.60 1.50
** receptor =B166+1 property boundary receptor: =C166+1
DISCCART 406901.25973923 3758817.27361448 417.10 1.50
** receptor =B167+1 property boundary receptor: =C167+1
DISCCART 406883.918728675 3758804.44622545 408.20 1.50
** receptor =B168+1 property boundary receptor: =C168+1
DISCCART 406866.511751366 3758786.49987838 407.40 1.50
** receptor =B169+1 property boundary receptor: =C169+1
DISCCART 406849.055298991 3758768.49354352 409.10 1.50

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Appendix B

PM Annual Emissions Mitigated

** receptor =B170+1 property boundary receptor: =C170+1
DISCCART 406828.828242933 3758753.80653302 404.10 1.50
** receptor =B171+1 property boundary receptor: =C171+1
DISCCART 406808.601186875 3758739.11952251 401.40 1.50
** receptor =B172+1 property boundary receptor: =C172+1
DISCCART 406788.374130817 3758724.42251405 393.80 1.50
** receptor =B173+1 property boundary receptor: =C173+1
DISCCART 406768.138828914 3758709.73550355 388.10 1.50
** receptor =B174+1 property boundary receptor: =C174+1
DISCCART 406747.911772856 3758695.04849305 383.30 1.50
** receptor =B175+1 property boundary receptor: =C175+1
DISCCART 406730.010044889 3758678.56184885 380.60 1.50
** receptor =B176+1 property boundary receptor: =C176+1
DISCCART 406717.971112217 3758656.65630766 379.90 1.50
** receptor =B177+1 property boundary receptor: =C177+1
DISCCART 406705.932179545 3758634.74076851 377.20 1.50
** receptor =B178+1 property boundary receptor: =C178+1
DISCCART 406693.885001028 3758612.83522732 370.10 1.50
** receptor =B179+1 property boundary receptor: =C179+1
DISCCART 406681.846068356 3758590.92968613 364.80 1.50
** receptor =B180+1 property boundary receptor: =C180+1
DISCCART 406667.506545125 3758575.57281197 360.80 1.50
** receptor =B181+1 property boundary receptor: =C181+1
DISCCART 406646.562100613 3758589.22003412 360.80 1.50
** receptor =B182+1 property boundary receptor: =C182+1
DISCCART 406625.617656101 3758602.87725423 364.10 1.50
** receptor =B183+1 property boundary receptor: =C183+1
DISCCART 406625.493968437 3758621.57344868 365.50 1.50
** receptor =B184+1 property boundary receptor: =C184+1
DISCCART 406639.083119837 3758642.55917709 365.90 1.50
** receptor =B185+1 property boundary receptor: =C185+1
DISCCART 406652.672271237 3758663.54490551 370.00 1.50
** receptor =B186+1 property boundary receptor: =C186+1
DISCCART 406666.261422637 3758684.53063393 373.30 1.50
** receptor =B187+1 property boundary receptor: =C187+1
DISCCART 406679.850574036 3758705.51636234 379.60 1.50
** receptor =B188+1 property boundary receptor: =C188+1
DISCCART 406693.439725436 3758726.50209076 382.10 1.50
** receptor =B189+1 property boundary receptor: =C189+1
DISCCART 406707.028876836 3758747.47782121 383.70 1.50
** receptor =B190+1 property boundary receptor: =C190+1
DISCCART 406720.799436811 3758767.88366766 383.80 1.50
** receptor =B191+1 property boundary receptor: =C191+1
DISCCART 406700.250792825 3758782.11077177 390.20 1.50
** receptor =B192+1 property boundary receptor: =C192+1
DISCCART 406681.672905626 3758797.34767034 393.50 1.50
** receptor =B193+1 property boundary receptor: =C193+1
DISCCART 406695.591890798 3758818.11344353 393.70 1.50
** receptor =B194+1 property boundary receptor: =C194+1
DISCCART 406709.510875969 3758838.87921672 397.30 1.50
** receptor =B195+1 property boundary receptor: =C195+1
DISCCART 406723.429861141 3758859.6449899 399.20 1.50
** receptor =B196+1 property boundary receptor: =C196+1
DISCCART 406737.340600469 3758880.41076309 401.00 1.50
** receptor =B197+1 property boundary receptor: =C197+1
DISCCART 406756.833776384 3758895.6076698 402.70 1.50
** receptor =B198+1 property boundary receptor: =C198+1
DISCCART 406778.272971554 3758908.46505272 407.20 1.50
** receptor =B199+1 property boundary receptor: =C199+1
DISCCART 406799.712166724 3758921.32243564 414.50 1.50
** receptor =B200+1 property boundary receptor: =C200+1
DISCCART 406821.151361894 3758934.17981856 416.40 1.50
** receptor =B201+1 property boundary receptor: =C201+1
DISCCART 406830.97216245 3758956.33530887 419.00 1.50
** receptor =B202+1 property boundary receptor: =C202+1
DISCCART 406839.745740781 3758979.75054277 420.50 1.50
** receptor =B203+1 property boundary receptor: =C203+1
DISCCART 406848.519319112 3759003.1557787 430.30 1.50
** receptor =B204+1 property boundary receptor: =C204+1
DISCCART 406844.091300725 3759021.77198942 440.10 1.50
** receptor =B205+1 property boundary receptor: =C205+1
DISCCART 406823.361248165 3759035.73914645 457.90 1.50
** receptor =B206+1 property boundary receptor: =C206+1
DISCCART 406802.62294976 3759049.70630347 460.60 1.50
** receptor =B207+1 property boundary receptor: =C207+1
DISCCART 406781.884651356 3759063.6734605 461.40 1.50

Appendix B

PM Annual Emissions Mitigated

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** receptor =B208+1 property boundary receptor: =C208+1
DISCCART 406761.154598795 3759077.63061956 462.50 1.50
** receptor =B209+1 property boundary receptor: =C209+1
DISCCART 406740.416300391 3759091.59777659 445.50 1.50
** receptor =B210+1 property boundary receptor: =C210+1
DISCCART 406747.507726486 3759112.46352942 447.40 1.50
** receptor =B211+1 property boundary receptor: =C211+1
DISCCART 406760.231064234 3759133.97914998 450.90 1.50
** receptor =B212+1 property boundary receptor: =C212+1
DISCCART 406747.763347659 3759149.98589185 441.40 1.50
** receptor =B213+1 property boundary receptor: =C213+1
DISCCART 406732.228177005 3759166.43254418 436.20 1.50
** receptor =B214+1 property boundary receptor: =C214+1
DISCCART 406714.664528654 3759177.07037888 439.50 1.50
** receptor =B215+1 property boundary receptor: =C215+1
DISCCART 406693.579904789 3759190.50764377 445.20 1.50
** receptor =B216+1 property boundary receptor: =C216+1
DISCCART 406672.503526769 3759203.94490865 448.10 1.50
** receptor =B217+1 property boundary receptor: =C217+1
DISCCART 406651.418902904 3759217.37217557 452.50 1.50
** receptor =B218+1 property boundary receptor: =C218+1
DISCCART 406630.334279039 3759230.80944045 453.90 1.50
** receptor =B219+1 property boundary receptor: =C219+1
DISCCART 406609.249655174 3759244.24670534 454.70 1.50
** receptor =B220+1 property boundary receptor: =C220+1
DISCCART 406588.165031309 3759257.67397226 455.40 1.50
** receptor =B221+1 property boundary receptor: =C221+1
DISCCART 406567.080407444 3759271.11123714 453.50 1.50
** receptor =B222+1 property boundary receptor: =C222+1
DISCCART 406545.995783579 3759284.54850202 454.90 1.50
** receptor =B223+1 property boundary receptor: =C223+1
DISCCART 406524.911159714 3759297.97576894 456.00 1.50
** receptor =B224+1 property boundary receptor: =C224+1
DISCCART 406503.826535849 3759311.41303383 454.70 1.50
** receptor =B225+1 property boundary receptor: =C225+1
DISCCART 406482.750157828 3759324.85029871 455.30 1.50
** receptor =B226+1 property boundary receptor: =C226+1
DISCCART 406461.665533963 3759338.28756359 456.70 1.50
** receptor =B227+1 property boundary receptor: =C227+1
DISCCART 406440.580910098 3759351.71483051 457.40 1.50
** receptor =B228+1 property boundary receptor: =C228+1
DISCCART 406419.496286233 3759365.15209539 459.20 1.50
** receptor =B229+1 property boundary receptor: =C229+1
DISCCART 406398.411662368 3759378.58936028 466.20 1.50
** receptor =B230+1 property boundary receptor: =C230+1
DISCCART 406377.021942264 3759392.30656818 476.50 1.50
** receptor =B231+1 property boundary receptor: =C231+1
DISCCART 406375.644886267 3759417.26148868 478.20 1.50
** receptor =B232+1 property boundary receptor: =C232+1
DISCCART 406374.267830269 3759442.22640714 485.00 1.50
** receptor =B233+1 property boundary receptor: =C233+1
DISCCART 406372.890774272 3759467.1913256 487.80 1.50
** receptor =B234+1 property boundary receptor: =C234+1
DISCCART 406351.525791701 3759469.48085958 504.40 1.50
** receptor =B235+1 property boundary receptor: =C235+1
DISCCART 406326.540883484 3759468.72101424 513.00 1.50
** receptor =B236+1 property boundary receptor: =C236+1
DISCCART 406301.547729422 3759467.96116891 518.20 1.50
** receptor =B237+1 property boundary receptor: =C237+1
DISCCART 406276.562821205 3759467.20132357 513.80 1.50
** receptor =B238+1 property boundary receptor: =C238+1
DISCCART 406251.569667144 3759466.4514762 508.90 1.50
** receptor =B239+1 property boundary receptor: =C239+1
DISCCART 406226.584758927 3759465.69163086 506.90 1.50
** receptor =B240+1 property boundary receptor: =C240+1
DISCCART 406201.591604866 3759464.93178553 499.20 1.50
** receptor =B241+1 property boundary receptor: =C241+1
DISCCART 406176.606696648 3759464.17194019 472.60 1.50
** receptor =B242+1 property boundary receptor: =C242+1
DISCCART 406171.354093832 3759484.43781513 453.00 1.50
** receptor =B243+1 property boundary receptor: =C243+1
DISCCART 406171.634452538 3759509.43272749 441.20 1.50
** receptor =B244+1 property boundary receptor: =C244+1
DISCCART 406171.9065654 3759534.43763781 445.70 1.50
** receptor =B245+1 property boundary receptor: =C245+1
DISCCART 406172.186924106 3759559.43255017 456.90 1.50

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Appendix B

PM Annual Emissions Mitigated

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** receptor =B246+1 property boundary receptor: =C246+1
DISCCART 406172.459036968 3759584.42746253 473.00 1.50
** receptor =B247+1 property boundary receptor: =C247+1
DISCCART 406172.739395674 3759609.43237285 488.60 1.50
** receptor =B248+1 property boundary receptor: =C248+1
DISCCART 406173.01975438 3759634.42728521 502.60 1.50
** receptor =B249+1 property boundary receptor: =C249+1
DISCCART 406173.291867242 3759659.43219553 508.70 1.50
** receptor =B250+1 property boundary receptor: =C250+1
DISCCART 406173.572225948 3759684.42710789 530.50 1.50
** receptor =B251+1 property boundary receptor: =C251+1
DISCCART 406173.844338809 3759709.42202025 531.00 1.50
** receptor =B252+1 property boundary receptor: =C252+1
DISCCART 406174.124697515 3759734.42693057 523.50 1.50
** receptor =B253+1 property boundary receptor: =C253+1
DISCCART 406174.396810377 3759759.42184293 541.40 1.50
** receptor =B254+1 property boundary receptor: =C254+1
DISCCART 406174.677169083 3759784.41675529 537.90 1.50
** receptor =B255+1 property boundary receptor: =C255+1
DISCCART 406174.957527789 3759809.42166561 527.00 1.50
** receptor =B256+1 property boundary receptor: =C256+1
DISCCART 406175.229640651 3759834.41657797 529.00 1.50
** receptor =B257+1 property boundary receptor: =C257+1
DISCCART 406175.509999357 3759859.41149032 518.70 1.50
** receptor =B258+1 property boundary receptor: =C258+1
DISCCART 406152.330931041 3759859.62144759 499.60 1.50
** receptor =B259+1 property boundary receptor: =C259+1
DISCCART 406127.346022824 3759858.88159818 492.00 1.50
** receptor =B260+1 property boundary receptor: =C260+1
DISCCART 406102.352868763 3759858.14174878 497.80 1.50
** receptor =B261+1 property boundary receptor: =C261+1
DISCCART 406077.367960546 3759857.39190141 548.20 1.50
** receptor =B262+1 property boundary receptor: =C262+1
DISCCART 406052.374806484 3759856.652052 603.20 1.50
** receptor =B263+1 property boundary receptor: =C263+1
DISCCART 406041.308883439 3759870.99913169 598.20 1.50
** receptor =B264+1 property boundary receptor: =C264+1
DISCCART 406041.572750456 3759895.99404405 595.60 1.50
** receptor =B265+1 property boundary receptor: =C265+1
DISCCART 406041.844863318 3759920.98895641 593.00 1.50
** receptor =B266+1 property boundary receptor: =C266+1
DISCCART 406042.108730336 3759945.99386673 652.50 1.50
** receptor =B267+1 property boundary receptor: =C267+1
DISCCART 406042.380843197 3759970.98877909 690.00 1.50
** receptor =B268+1 property boundary receptor: =C268+1
DISCCART 406067.349259726 3759972.61844738 677.10 1.50
** receptor =B269+1 property boundary receptor: =C269+1
DISCCART 406092.334167943 3759973.38829068 646.60 1.50
** receptor =B270+1 property boundary receptor: =C270+1
DISCCART 406117.327322004 3759974.15813398 595.70 1.50
** receptor =B271+1 property boundary receptor: =C271+1
DISCCART 406142.312230221 3759974.91797931 550.00 1.50
** receptor =B272+1 property boundary receptor: =C272+1
DISCCART 406167.305384283 3759975.68782261 501.80 1.50
** receptor =B273+1 property boundary receptor: =C273+1
DISCCART 406187.153131503 3759980.63681526 507.00 1.50
** receptor =B274+1 property boundary receptor: =C274+1
DISCCART 406187.425244365 3760005.64172558 508.40 1.50
** receptor =B275+1 property boundary receptor: =C275+1
DISCCART 406187.697357227 3760030.63663794 512.70 1.50
** receptor =B276+1 property boundary receptor: =C276+1
DISCCART 406187.969470088 3760055.64154826 522.30 1.50
** receptor =B277+1 property boundary receptor: =C277+1
DISCCART 406188.24158295 3760080.63646062 553.60 1.50
** receptor =B278+1 property boundary receptor: =C278+1
DISCCART 406188.505449968 3760105.63137298 605.90 1.50
** receptor =B279+1 property boundary receptor: =C279+1
DISCCART 406188.777562829 3760130.6362833 606.30 1.50
** receptor =B280+1 property boundary receptor: =C280+1
DISCCART 406189.049675691 3760155.63119566 582.80 1.50
** receptor =B281+1 property boundary receptor: =C281+1
DISCCART 406189.321788553 3760180.62610802 621.80 1.50
** receptor =B282+1 property boundary receptor: =C282+1
DISCCART 406189.593901415 3760205.63101834 668.30 1.50
** receptor =B283+1 property boundary receptor: =C283+1
DISCCART 406189.866014277 3760230.6259307 703.70 1.50

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Appendix B

PM Annual Emissions Mitigated

** receptor =B284+1 property boundary receptor: =C284+1
DISCCART 406190.129881294 3760255.62084306 712.50 1.50
** receptor =B285+1 property boundary receptor: =C285+1
DISCCART 406198.210808704 3760273.80714129 709.80 1.50
** receptor =B286+1 property boundary receptor: =C286+1
DISCCART 406223.203962765 3760274.55698866 728.30 1.50
** receptor =B287+1 property boundary receptor: =C287+1
DISCCART 406248.188870983 3760275.29683806 727.10 1.50
** receptor =B288+1 property boundary receptor: =C288+1
DISCCART 406270.568092402 3760282.11545016 720.90 1.50
** receptor =B289+1 property boundary receptor: =C289+1
DISCCART 406289.73968039 3760298.15218592 719.10 1.50
** receptor =B290+1 property boundary receptor: =C290+1
DISCCART 406308.911268379 3760314.19891966 751.70 1.50
** receptor =B291+1 property boundary receptor: =C291+1
DISCCART 406328.082856367 3760330.24565339 769.70 1.50
** receptor =B292+1 property boundary receptor: =C292+1
DISCCART 406347.2626902 3760346.28238916 786.20 1.50
** receptor =B293+1 property boundary receptor: =C293+1
DISCCART 406366.434278188 3760362.32912289 784.80 1.50
** receptor =B294+1 property boundary receptor: =C294+1
DISCCART 406385.605866176 3760378.37585663 759.90 1.50
** receptor =B295+1 property boundary receptor: =C295+1
DISCCART 406404.777454164 3760394.42259036 763.00 1.50
** receptor =B296+1 property boundary receptor: =C296+1
DISCCART 406423.949042153 3760410.45932613 759.20 1.50
** receptor =B297+1 property boundary receptor: =C297+1
DISCCART 406438.560678245 3760430.58522956 791.50 1.50
** receptor =B298+1 property boundary receptor: =C298+1
DISCCART 406453.114593428 3760450.91109229 824.10 1.50
** receptor =B299+1 property boundary receptor: =C299+1
DISCCART 406464.510350245 3760468.4475228 845.30 1.50
** receptor =B300+1 property boundary receptor: =C300+1
DISCCART 406439.665621381 3760465.62809669 847.40 1.50
** receptor =B301+1 property boundary receptor: =C301+1
DISCCART 406414.829138361 3760462.81866854 851.20 1.50
** receptor =B302+1 property boundary receptor: =C302+1
DISCCART 406390.322489114 3760458.31958431 852.80 1.50
** receptor =B303+1 property boundary receptor: =C303+1
DISCCART 406365.972510907 3760452.67073412 847.20 1.50
** receptor =B304+1 property boundary receptor: =C304+1
DISCCART 406354.469558114 3760461.64890664 846.20 1.50
** receptor =B305+1 property boundary receptor: =C305+1
DISCCART 406362.261880974 3760484.3042952 797.40 1.50
** receptor =B306+1 property boundary receptor: =C306+1
DISCCART 406383.824763808 3760496.95172085 792.40 1.50
** receptor =B307+1 property boundary receptor: =C307+1
DISCCART 406405.214483912 3760509.6291404 793.10 1.50
** receptor =B308+1 property boundary receptor: =C308+1
DISCCART 406422.63795291 3760527.56548951 780.80 1.50
** receptor =B309+1 property boundary receptor: =C309+1
DISCCART 406440.053176063 3760545.50183862 786.30 1.50
** receptor =B310+1 property boundary receptor: =C310+1
DISCCART 406459.637056266 3760554.25005794 832.90 1.50
** receptor =B311+1 property boundary receptor: =C311+1
DISCCART 406482.214177949 3760543.50224563 862.30 1.50
** receptor =B312+1 property boundary receptor: =C312+1
DISCCART 406504.783053787 3760532.75443332 891.50 1.50
** receptor =B313+1 property boundary receptor: =C313+1
DISCCART 406527.351929625 3760522.006621 907.40 1.50
** receptor =B314+1 property boundary receptor: =C314+1
DISCCART 406549.920805464 3760511.24881072 919.80 1.50
** receptor =B315+1 property boundary receptor: =C315+1
DISCCART 406572.497927146 3760500.50099841 936.10 1.50
** receptor =B316+1 property boundary receptor: =C316+1
DISCCART 406596.617021712 3760494.71217671 948.10 1.50
** receptor =B317+1 property boundary receptor: =C317+1
DISCCART 406621.107179271 3760489.7231922 949.10 1.50
** receptor =B318+1 property boundary receptor: =C318+1
DISCCART 406645.011881886 3760486.75379661 977.60 1.50
** receptor =B319+1 property boundary receptor: =C319+1
DISCCART 406667.09425291 3760498.49140746 983.80 1.50
** receptor =B320+1 property boundary receptor: =C320+1
DISCCART 406684.064200472 3760513.01845052 969.70 1.50
** receptor =B321+1 property boundary receptor: =C321+1
DISCCART 406685.72986102 3760537.96337305 951.70 1.50

Appendix B

PM Annual Emissions Mitigated

** receptor =B322+1 property boundary receptor: =C322+1
DISCCART 406687.395521567 3760562.90829558 941.20 1.50
** receptor =B323+1 property boundary receptor: =C323+1
DISCCART 406689.061182115 3760587.85321812 928.10 1.50
** receptor =B324+1 property boundary receptor: =C324+1
DISCCART 406690.726842663 3760612.79814065 906.30 1.50
** receptor =B325+1 property boundary receptor: =C325+1
DISCCART 406692.392503211 3760637.74306318 901.10 1.50
** receptor =B326+1 property boundary receptor: =C326+1
DISCCART 406694.058163759 3760662.68798572 914.40 1.50
** receptor =B327+1 property boundary receptor: =C327+1
DISCCART 406695.723824306 3760687.63290825 926.90 1.50
** receptor =B328+1 property boundary receptor: =C328+1
DISCCART 406694.016934537 3760710.82818692 929.80 1.50
** receptor =B329+1 property boundary receptor: =C329+1
DISCCART 406675.661685134 3760727.79473343 928.30 1.50
** receptor =B330+1 property boundary receptor: =C330+1
DISCCART 406657.306435731 3760744.7712779 929.00 1.50
** receptor =B331+1 property boundary receptor: =C331+1
DISCCART 406638.942940484 3760761.74782237 917.90 1.50
** receptor =B332+1 property boundary receptor: =C332+1
DISCCART 406620.587691081 3760778.71436888 909.20 1.50
** receptor =B333+1 property boundary receptor: =C333+1
DISCCART 406600.105013849 3760790.50196955 910.30 1.50
** receptor =B334+1 property boundary receptor: =C334+1
DISCCART 406575.309760051 3760793.6813224 913.60 1.50
** receptor =B335+1 property boundary receptor: =C335+1
DISCCART 406550.514506253 3760796.86067525 911.30 1.50
** receptor =B336+1 property boundary receptor: =C336+1
DISCCART 406525.719252455 3760800.04002811 910.10 1.50
** receptor =B337+1 property boundary receptor: =C337+1
DISCCART 406500.915752812 3760803.20938299 907.50 1.50
** receptor =B338+1 property boundary receptor: =C338+1
DISCCART 406478.025289046 3760812.0775779 899.10 1.50
** receptor =B339+1 property boundary receptor: =C339+1
DISCCART 406457.196286355 3760825.90476341 893.60 1.50
** receptor =B340+1 property boundary receptor: =C340+1
DISCCART 406436.367283663 3760839.72195097 890.60 1.50
** receptor =B341+1 property boundary receptor: =C341+1
DISCCART 406415.538280971 3760853.54913648 882.30 1.50
** receptor =B342+1 property boundary receptor: =C342+1
DISCCART 406392.268508367 3760856.24858702 870.50 1.50
** receptor =B343+1 property boundary receptor: =C343+1
DISCCART 406367.399041971 3760853.71910189 870.50 1.50
** receptor =B344+1 property boundary receptor: =C344+1
DISCCART 406342.521329729 3760851.17961879 866.50 1.50
** receptor =B345+1 property boundary receptor: =C345+1
DISCCART 406317.651863332 3760848.65013366 865.10 1.50
** receptor =B346+1 property boundary receptor: =C346+1
DISCCART 406292.782396936 3760846.11065056 864.20 1.50
** receptor =B347+1 property boundary receptor: =C347+1
DISCCART 406267.912930539 3760843.58116543 872.50 1.50
** receptor =B348+1 property boundary receptor: =C348+1
DISCCART 406244.090686367 3760836.56259404 883.10 1.50
** receptor =B349+1 property boundary receptor: =C349+1
DISCCART 406220.33440895 3760828.76418139 884.50 1.50
** receptor =B350+1 property boundary receptor: =C350+1
DISCCART 406196.586377378 3760820.96576873 881.50 1.50
** receptor =B351+1 property boundary receptor: =C351+1
DISCCART 406172.830099961 3760813.15735811 870.50 1.50
** receptor =B352+1 property boundary receptor: =C352+1
DISCCART 406149.082068388 3760805.35894546 867.20 1.50
** receptor =B353+1 property boundary receptor: =C353+1
DISCCART 406125.334036816 3760797.5605328 863.20 1.50
** receptor =B354+1 property boundary receptor: =C354+1
DISCCART 406105.593485571 3760782.55358742 862.70 1.50
** receptor =B355+1 property boundary receptor: =C355+1
DISCCART 406085.877671859 3760767.17671734 840.90 1.50
** receptor =B356+1 property boundary receptor: =C356+1
DISCCART 406083.428656103 3760744.02143053 840.90 1.50
** receptor =B357+1 property boundary receptor: =C357+1
DISCCART 406083.931652605 3760719.02651817 838.00 1.50
** receptor =B358+1 property boundary receptor: =C358+1
DISCCART 406084.442894952 3760694.03160581 824.10 1.50
** receptor =B359+1 property boundary receptor: =C359+1
DISCCART 406073.797509965 3760679.39458514 814.50 1.50

Appendix B

PM Annual Emissions Mitigated

** receptor =B360+1 property boundary receptor: =C360+1
DISCCART 406048.812601748 3760680.15443047 809.20 1.50
** receptor =B361+1 property boundary receptor: =C361+1
DISCCART 406023.827693531 3760680.90427784 763.80 1.50
** receptor =B362+1 property boundary receptor: =C362+1
DISCCART 405998.83453947 3760681.65412521 703.40 1.50
** receptor =B363+1 property boundary receptor: =C363+1
DISCCART 405973.849631253 3760682.40397258 653.30 1.50
** receptor =B364+1 property boundary receptor: =C364+1
DISCCART 405948.856477192 3760683.16381792 647.20 1.50
** receptor =B365+1 property boundary receptor: =C365+1
DISCCART 405923.871568975 3760683.91366529 645.10 1.50
** receptor =B366+1 property boundary receptor: =C366+1
DISCCART 405898.878414913 3760684.66351266 605.30 1.50
** receptor =B367+1 property boundary receptor: =C367+1
DISCCART 405873.893506696 3760685.41336003 562.00 1.50
** receptor =B368+1 property boundary receptor: =C368+1
DISCCART 405848.900352635 3760686.1632074 537.10 1.50
** receptor =B369+1 property boundary receptor: =C369+1
DISCCART 405823.915444418 3760686.92305274 526.20 1.50
** receptor =B370+1 property boundary receptor: =C370+1
DISCCART 405798.922290357 3760687.67290011 521.50 1.50
** receptor =B371+1 property boundary receptor: =C371+1
DISCCART 405774.473362019 3760683.82368361 524.60 1.50
** receptor =B372+1 property boundary receptor: =C372+1
DISCCART 405749.554420556 3760682.28399701 542.50 1.50
** receptor =B373+1 property boundary receptor: =C373+1
DISCCART 405724.55302065 3760682.50395223 549.20 1.50
** receptor =B374+1 property boundary receptor: =C374+1
DISCCART 405699.559866589 3760682.73390543 534.70 1.50
** receptor =B375+1 property boundary receptor: =C375+1
DISCCART 405674.558466684 3760682.96385862 544.60 1.50
** receptor =B376+1 property boundary receptor: =C376+1
DISCCART 405649.557066778 3760683.19381182 556.20 1.50
** receptor =B377+1 property boundary receptor: =C377+1
DISCCART 405632.100614403 3760691.55211051 570.10 1.50
** receptor =B378+1 property boundary receptor: =C378+1
DISCCART 405632.809757013 3760716.54702287 587.70 1.50
** receptor =B379+1 property boundary receptor: =C379+1
DISCCART 405633.518899622 3760741.53193726 599.40 1.50
** receptor =B380+1 property boundary receptor: =C380+1
DISCCART 405634.219796387 3760766.52684962 603.30 1.50
** receptor =B381+1 property boundary receptor: =C381+1
DISCCART 405634.928938997 3760791.51176401 603.50 1.50
** receptor =B382+1 property boundary receptor: =C382+1
DISCCART 405635.638081606 3760816.50667637 604.70 1.50
** receptor =B383+1 property boundary receptor: =C383+1
DISCCART 405636.338978371 3760841.49159076 614.60 1.50
** receptor =B384+1 property boundary receptor: =C384+1
DISCCART 405637.048120981 3760866.48650312 632.00 1.50
** receptor =B385+1 property boundary receptor: =C385+1
DISCCART 405637.75726359 3760891.47141751 654.90 1.50
** receptor =B386+1 property boundary receptor: =C386+1
DISCCART 405638.458160355 3760916.46632987 658.40 1.50
** receptor =B387+1 property boundary receptor: =C387+1
DISCCART 405639.167302965 3760941.45124426 655.80 1.50
** receptor =B388+1 property boundary receptor: =C388+1
DISCCART 405639.876445574 3760966.44615662 659.10 1.50
** receptor =B389+1 property boundary receptor: =C389+1
DISCCART 405644.081826165 3760990.87118498 670.50 1.50
** receptor =B390+1 property boundary receptor: =C390+1
DISCCART 405653.317171777 3761014.1064555 681.40 1.50
** receptor =B391+1 property boundary receptor: =C391+1
DISCCART 405653.762447369 3761038.93140246 695.60 1.50
** receptor =B392+1 property boundary receptor: =C392+1
DISCCART 405654.150002051 3761063.92631482 706.90 1.50
** receptor =B393+1 property boundary receptor: =C393+1
DISCCART 405654.537556733 3761088.92122717 718.70 1.50
** receptor =B394+1 property boundary receptor: =C394+1
DISCCART 405672.802101848 3761096.21974158 721.60 1.50
** receptor =B395+1 property boundary receptor: =C395+1
DISCCART 405697.79525591 3761095.61986368 723.70 1.50
** receptor =B396+1 property boundary receptor: =C396+1
DISCCART 405722.788409971 3761095.01998579 721.30 1.50
** receptor =B397+1 property boundary receptor: =C397+1
DISCCART 405747.781564032 3761094.42010789 720.30 1.50

Appendix B

PM Annual Emissions Mitigated

** receptor =B398+1 property boundary receptor: =C398+1
DISCCART 405772.766472249 3761093.82023 722.60 1.50
** receptor =B399+1 property boundary receptor: =C399+1
DISCCART 405797.759626311 3761093.2203521 726.10 1.50
** receptor =B400+1 property boundary receptor: =C400+1
DISCCART 405822.752780372 3761092.6204742 711.70 1.50
** receptor =B401+1 property boundary receptor: =C401+1
DISCCART 405847.745934433 3761092.02059631 659.40 1.50
** receptor =B402+1 property boundary receptor: =C402+1
DISCCART 405872.739088495 3761091.42071841 677.30 1.50
** receptor =B403+1 property boundary receptor: =C403+1
DISCCART 405897.732242556 3761090.82084051 700.10 1.50
** receptor =B404+1 property boundary receptor: =C404+1
DISCCART 405922.725396617 3761090.22096262 713.40 1.50
** receptor =B405+1 property boundary receptor: =C405+1
DISCCART 405947.718550679 3761089.62108472 723.90 1.50
** receptor =B406+1 property boundary receptor: =C406+1
DISCCART 405972.71170474 3761089.02120682 715.50 1.50
** receptor =B407+1 property boundary receptor: =C407+1
DISCCART 405997.704858801 3761088.41133096 696.70 1.50
** receptor =B408+1 property boundary receptor: =C408+1
DISCCART 406022.698012863 3761087.81145306 682.90 1.50
** receptor =B409+1 property boundary receptor: =C409+1
DISCCART 406047.691166924 3761087.21157517 744.00 1.50
** receptor =B410+1 property boundary receptor: =C410+1
DISCCART 406072.684320985 3761086.61169727 811.20 1.50
** receptor =B411+1 property boundary receptor: =C411+1
DISCCART 406097.677475047 3761086.01181937 811.30 1.50
** receptor =B412+1 property boundary receptor: =C412+1
DISCCART 406122.670629108 3761085.41194148 766.50 1.50
** receptor =B413+1 property boundary receptor: =C413+1
DISCCART 406147.663783169 3761084.81206358 718.20 1.50
** receptor =B414+1 property boundary receptor: =C414+1
DISCCART 406172.656937231 3761084.21218569 736.20 1.50
** receptor =B415+1 property boundary receptor: =C415+1
DISCCART 406197.650091292 3761083.61230779 747.10 1.50
** receptor =B416+1 property boundary receptor: =C416+1
DISCCART 406222.643245353 3761083.01242989 735.90 1.50
** receptor =B417+1 property boundary receptor: =C417+1
DISCCART 406247.636399415 3761082.412552 692.90 1.50
** receptor =B418+1 property boundary receptor: =C418+1
DISCCART 406272.629553476 3761081.8126741 695.00 1.50
** receptor =B419+1 property boundary receptor: =C419+1
DISCCART 406297.622707537 3761081.2127962 717.30 1.50
** receptor =B420+1 property boundary receptor: =C420+1
DISCCART 406322.607615754 3761080.61291831 750.80 1.50
** receptor =B421+1 property boundary receptor: =C421+1
DISCCART 406347.600769816 3761080.01304041 702.40 1.50
** receptor =B422+1 property boundary receptor: =C422+1
DISCCART 406372.593923877 3761079.41316251 706.20 1.50
** receptor =B423+1 property boundary receptor: =C423+1
DISCCART 406397.587077938 3761078.81328462 717.80 1.50
** receptor =B424+1 property boundary receptor: =C424+1
DISCCART 406422.580232 3761078.20340875 743.10 1.50
** receptor =B425+1 property boundary receptor: =C425+1
DISCCART 406447.573386061 3761077.60353086 744.20 1.50
** receptor =B426+1 property boundary receptor: =C426+1
DISCCART 406472.566540122 3761077.00365296 689.30 1.50
** receptor =B427+1 property boundary receptor: =C427+1
DISCCART 406497.559694184 3761076.40377506 682.70 1.50
** receptor =B428+1 property boundary receptor: =C428+1
DISCCART 406522.552848245 3761075.80389717 733.00 1.50
** receptor =B429+1 property boundary receptor: =C429+1
DISCCART 406547.546002306 3761075.20401927 766.50 1.50
** receptor =B430+1 property boundary receptor: =C430+1
DISCCART 406572.539156368 3761074.60414137 774.40 1.50
** receptor =B431+1 property boundary receptor: =C431+1
DISCCART 406597.532310429 3761074.00426348 764.30 1.50
** receptor =B432+1 property boundary receptor: =C432+1
DISCCART 406622.52546449 3761073.40438558 788.10 1.50
** receptor =B433+1 property boundary receptor: =C433+1
DISCCART 406647.518618552 3761072.80450769 778.40 1.50
** receptor =B434+1 property boundary receptor: =C434+1
DISCCART 406672.511772613 3761072.20462979 755.40 1.50
** receptor =B435+1 property boundary receptor: =C435+1
DISCCART 406697.504926674 3761071.60475189 797.00 1.50

Appendix B

PM Annual Emissions Mitigated

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** receptor =B436+1 property boundary receptor: =C436+1
DISCCART 406722.498080736 3761071.00487399 811.80 1.50
** receptor =B437+1 property boundary receptor: =C437+1
DISCCART 406747.491234797 3761070.4049961 768.50 1.50
** receptor =B438+1 property boundary receptor: =C438+1
DISCCART 406772.484388858 3761069.8051182 740.50 1.50
** receptor =B439+1 property boundary receptor: =C439+1
DISCCART 406797.47754292 3761069.20524031 786.40 1.50
** receptor =B440+1 property boundary receptor: =C440+1
DISCCART 406822.470696981 3761068.60536241 834.10 1.50
** receptor =B441+1 property boundary receptor: =C441+1
DISCCART 406847.463851042 3761068.00548451 852.90 1.50
** receptor =B442+1 property boundary receptor: =C442+1
DISCCART 406872.457005104 3761067.39560865 857.90 1.50
** receptor =B443+1 property boundary receptor: =C443+1
DISCCART 406897.441913321 3761066.79573075 846.20 1.50
** receptor =B444+1 property boundary receptor: =C444+1
DISCCART 406922.435067382 3761066.19585286 825.30 1.50
** receptor =B445+1 property boundary receptor: =C445+1
DISCCART 406947.428221443 3761065.59597496 792.50 1.50
** receptor =B446+1 property boundary receptor: =C446+1
DISCCART 406972.421375505 3761064.99609706 774.10 1.50
** receptor =B447+1 property boundary receptor: =C447+1
DISCCART 406997.414529566 3761064.39621917 781.90 1.50
** receptor =B448+1 property boundary receptor: =C448+1
DISCCART 407021.129577761 3761061.73676049 827.00 1.50
** receptor =B449+1 property boundary receptor: =C449+1
DISCCART 407020.313239176 3761036.7518461 788.80 1.50
** receptor =B450+1 property boundary receptor: =C450+1
DISCCART 407019.496900591 3761011.76693171 840.40 1.50
** receptor =B451+1 property boundary receptor: =C451+1
DISCCART 407018.672316161 3760986.78201732 894.40 1.50
** receptor =B452+1 property boundary receptor: =C452+1
DISCCART 407017.855977576 3760961.78710496 947.50 1.50
** receptor =B453+1 property boundary receptor: =C453+1
DISCCART 407017.039638991 3760936.80219056 989.40 1.50
** receptor =B454+1 property boundary receptor: =C454+1
DISCCART 407016.215054561 3760911.81727617 1033.70 1.50
** receptor =B455+1 property boundary receptor: =C455+1
DISCCART 407015.398715976 3760886.83236178 1047.60 1.50
** receptor =B456+1 property boundary receptor: =C456+1
DISCCART 407014.58237739 3760861.84744738 1031.60 1.50
** receptor =B457+1 property boundary receptor: =C457+1
DISCCART 407013.757792961 3760836.86253299 1013.10 1.50
** receptor =B458+1 property boundary receptor: =C458+1
DISCCART 407012.941454375 3760811.86762063 1004.00 1.50
** receptor =B459+1 property boundary receptor: =C459+1
DISCCART 407012.12511579 3760786.88270624 991.50 1.50
** receptor =B460+1 property boundary receptor: =C460+1
DISCCART 407011.30053136 3760761.89779185 965.40 1.50
** receptor =B461+1 property boundary receptor: =C461+1
DISCCART 407010.484192775 3760736.91287745 929.60 1.50
** receptor =B462+1 property boundary receptor: =C462+1
DISCCART 407009.66785419 3760711.92796306 891.10 1.50
** receptor =B463+1 property boundary receptor: =C463+1
DISCCART 407008.84326976 3760686.94304867 843.80 1.50
** receptor =B464+1 property boundary receptor: =C464+1
DISCCART 407008.026931175 3760661.94813631 807.10 1.50
** receptor =B465+1 property boundary receptor: =C465+1
DISCCART 407031.923387945 3760661.55821568 770.20 1.50
** receptor =B466+1 property boundary receptor: =C466+1
DISCCART 407056.92478785 3760661.34825841 710.10 1.50
** receptor =B467+1 property boundary receptor: =C467+1
DISCCART 407081.926187756 3760661.14829912 721.00 1.50
** receptor =B468+1 property boundary receptor: =C468+1
DISCCART 407106.927587662 3760660.93834185 805.20 1.50
** receptor =B469+1 property boundary receptor: =C469+1
DISCCART 407131.920741723 3760660.73838255 854.60 1.50
** receptor =B470+1 property boundary receptor: =C470+1
DISCCART 407156.922141629 3760660.52842529 878.90 1.50
** receptor =B471+1 property boundary receptor: =C471+1
DISCCART 407181.923541534 3760660.32846599 925.90 1.50
** receptor =B472+1 property boundary receptor: =C472+1
DISCCART 407206.916695596 3760660.11850873 973.50 1.50
** receptor =B473+1 property boundary receptor: =C473+1
DISCCART 407231.918095501 3760659.90855146 1011.30 1.50

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Appendix B

PM Annual Emissions Mitigated

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** receptor =B474+1 property boundary receptor: =C474+1
DISCCART 407256.919495407 3760659.70859216 1023.40 1.50
** receptor =B475+1 property boundary receptor: =C475+1
DISCCART 407281.920895313 3760659.4986349 1000.40 1.50
** receptor =B476+1 property boundary receptor: =C476+1
DISCCART 407306.914049374 3760659.2986756 962.40 1.50
** receptor =B477+1 property boundary receptor: =C477+1
DISCCART 407331.91544928 3760659.08871834 935.50 1.50
** receptor =B478+1 property boundary receptor: =C478+1
DISCCART 407356.916849185 3760658.88875904 958.90 1.50
** receptor =B479+1 property boundary receptor: =C479+1
DISCCART 407381.918249091 3760658.67880177 960.10 1.50
** receptor =B480+1 property boundary receptor: =C480+1
DISCCART 407406.911403152 3760658.47884248 955.30 1.50
** receptor =B481+1 property boundary receptor: =C481+1
DISCCART 407431.912803058 3760658.26888521 975.60 1.50
** receptor =B482+1 property boundary receptor: =C482+1
DISCCART 407456.914202963 3760658.06892591 989.10 1.50
** receptor =B483+1 property boundary receptor: =C483+1
DISCCART 407481.907357025 3760657.85896865 995.00 1.50
** receptor =B484+1 property boundary receptor: =C484+1
DISCCART 407506.90875693 3760657.64901139 964.70 1.50
** receptor =B485+1 property boundary receptor: =C485+1
DISCCART 407531.910156836 3760657.44905209 943.60 1.50
** receptor =B486+1 property boundary receptor: =C486+1
DISCCART 407556.911556741 3760657.23909482 0.00 1.50
** receptor =B487+1 property boundary receptor: =C487+1
DISCCART 407581.904710803 3760657.03913552 0.00 1.50
** receptor =B488+1 property boundary receptor: =C488+1
DISCCART 407606.906110708 3760656.82917826 0.00 1.50
** receptor =B489+1 property boundary receptor: =C489+1
DISCCART 407631.907510614 3760656.62921896 0.00 1.50
** receptor =B490+1 property boundary receptor: =C490+1
DISCCART 407656.90891052 3760656.4192617 0.00 1.50
** receptor =B491+1 property boundary receptor: =C491+1
DISCCART 407681.902064581 3760656.2193024 0.00 1.50
** receptor =B492+1 property boundary receptor: =C492+1
DISCCART 407706.903464487 3760656.00934513 0.00 1.50
** receptor =B493+1 property boundary receptor: =C493+1
DISCCART 407731.904864392 3760655.79938787 0.00 1.50
** receptor =B494+1 property boundary receptor: =C494+1
DISCCART 407756.898018454 3760655.59942857 0.00 1.50
** receptor =B495+1 property boundary receptor: =C495+1
DISCCART 407781.899418359 3760655.38947131 0.00 1.50
** receptor =B496+1 property boundary receptor: =C496+1
DISCCART 407806.900818265 3760655.18951201 0.00 1.50
** receptor =B497+1 property boundary receptor: =C497+1
DISCCART 407831.90221817 3760654.97955475 0.00 1.50
** receptor =B498+1 property boundary receptor: =C498+1
DISCCART 407856.895372232 3760654.77959545 0.00 1.50
** receptor =B499+1 property boundary receptor: =C499+1
DISCCART 407881.896772137 3760654.56963818 0.00 1.50
** receptor =B500+1 property boundary receptor: =C500+1
DISCCART 407906.898172043 3760654.36967888 0.00 1.50
** receptor =B501+1 property boundary receptor: =C501+1
DISCCART 407931.899571949 3760654.15972162 0.00 1.50
** receptor =B502+1 property boundary receptor: =C502+1
DISCCART 407956.89272601 3760653.95976232 0.00 1.50
** receptor =B503+1 property boundary receptor: =C503+1
DISCCART 407981.894125916 3760653.74980506 0.00 1.50
** receptor =B504+1 property boundary receptor: =C504+1
DISCCART 408006.895525821 3760653.53984779 0.00 1.50
** receptor =B505+1 property boundary receptor: =C505+1
DISCCART 408031.888679883 3760653.3398885 0.00 1.50
** receptor =B506+1 property boundary receptor: =C506+1
DISCCART 408056.890079788 3760653.12993123 0.00 1.50
** receptor =B507+1 property boundary receptor: =C507+1
DISCCART 408081.891479694 3760652.92997193 0.00 1.50
** receptor =B508+1 property boundary receptor: =C508+1
DISCCART 408106.892879599 3760652.72001467 0.00 1.50
** receptor =B509+1 property boundary receptor: =C509+1
DISCCART 408131.886033661 3760652.52005537 0.00 1.50
** receptor =B510+1 property boundary receptor: =C510+1
DISCCART 408156.887433566 3760652.31009811 0.00 1.50
** receptor =B511+1 property boundary receptor: =C511+1
DISCCART 408181.888833472 3760652.11013881 0.00 1.50

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Appendix B

PM Annual Emissions Mitigated

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** receptor =B512+1 property boundary receptor: =C512+1
DISCCART 408206.890233378 3760651.90018154 0.00 1.50
** receptor =B513+1 property boundary receptor: =C513+1
DISCCART 408225.740233438 3760644.93159998 0.00 1.50
** receptor =B514+1 property boundary receptor: =C514+1
DISCCART 408224.940386542 3760619.93668762 0.00 1.50
** receptor =B515+1 property boundary receptor: =C515+1
DISCCART 408224.148785489 3760594.95177323 0.00 1.50
** receptor =B516+1 property boundary receptor: =C516+1
DISCCART 408223.348938593 3760569.96685883 0.00 1.50
** receptor =B517+1 property boundary receptor: =C517+1
DISCCART 408222.549091696 3760544.98194444 0.00 1.50
** receptor =B518+1 property boundary receptor: =C518+1
DISCCART 408221.749244799 3760519.98703208 0.00 1.50
** receptor =B519+1 property boundary receptor: =C519+1
DISCCART 408220.949397902 3760495.00211769 0.00 1.50
** receptor =B520+1 property boundary receptor: =C520+1
DISCCART 408220.149551006 3760470.0172033 0.00 1.50
** receptor =B521+1 property boundary receptor: =C521+1
DISCCART 408219.349704109 3760445.0322889 0.00 1.50
** receptor =B522+1 property boundary receptor: =C522+1
DISCCART 408218.549857212 3760420.03737655 0.00 1.50
** receptor =B523+1 property boundary receptor: =C523+1
DISCCART 408217.750010316 3760395.05246215 0.00 1.50
** receptor =B524+1 property boundary receptor: =C524+1
DISCCART 408216.950163419 3760370.06754776 0.00 1.50
** receptor =B525+1 property boundary receptor: =C525+1
DISCCART 408216.150316522 3760345.08263337 0.00 1.50
** receptor =B526+1 property boundary receptor: =C526+1
DISCCART 408215.350469625 3760320.09771897 0.00 1.50
** receptor =B527+1 property boundary receptor: =C527+1
DISCCART 408214.558868573 3760295.10280662 0.00 1.50
** receptor =B528+1 property boundary receptor: =C528+1
DISCCART 408213.759021676 3760270.11789223 0.00 1.50
** receptor =B529+1 property boundary receptor: =C529+1
DISCCART 408212.95917478 3760245.13297783 0.00 1.50
** receptor =B530+1 property boundary receptor: =C530+1
DISCCART 408212.159327883 3760220.14806344 0.00 1.50
** receptor =B531+1 property boundary receptor: =C531+1
DISCCART 408211.359480986 3760195.15315108 0.00 1.50
** receptor =B532+1 property boundary receptor: =C532+1
DISCCART 408210.559634089 3760170.16823669 0.00 1.50
** receptor =B533+1 property boundary receptor: =C533+1
DISCCART 408209.759787193 3760145.18332229 0.00 1.50
** receptor =B534+1 property boundary receptor: =C534+1
DISCCART 408208.959940296 3760120.1984079 0.00 1.50
** receptor =B535+1 property boundary receptor: =C535+1
DISCCART 408208.160093399 3760095.20349554 0.00 1.50
** receptor =B536+1 property boundary receptor: =C536+1
DISCCART 408207.360246503 3760070.21858115 0.00 1.50
** receptor =B537+1 property boundary receptor: =C537+1
DISCCART 408206.560399606 3760045.23366676 0.00 1.50
** receptor =B538+1 property boundary receptor: =C538+1
DISCCART 408205.760552709 3760020.24875237 0.00 1.50
** receptor =B539+1 property boundary receptor: =C539+1
DISCCART 408204.968951657 3759995.26383797 0.00 1.50
** receptor =B540+1 property boundary receptor: =C540+1
DISCCART 408204.16910476 3759970.26892561 0.00 1.50
** receptor =B541+1 property boundary receptor: =C541+1
DISCCART 408203.369257863 3759945.28401122 0.00 1.50
** receptor =B542+1 property boundary receptor: =C542+1
DISCCART 408202.569410967 3759920.29909683 0.00 1.50
** receptor =B543+1 property boundary receptor: =C543+1
DISCCART 408201.76956407 3759895.31418244 0.00 1.50
** receptor =B544+1 property boundary receptor: =C544+1
DISCCART 408200.969717173 3759870.31927008 0.00 1.50
** receptor =B545+1 property boundary receptor: =C545+1
DISCCART 408201.579909651 3759847.54390594 0.00 1.50
** receptor =B546+1 property boundary receptor: =C546+1
DISCCART 408226.573063712 3759847.1539853 0.00 1.50
** receptor =B547+1 property boundary receptor: =C547+1
DISCCART 408251.574463618 3759846.76406467 0.00 1.50
** receptor =B548+1 property boundary receptor: =C548+1
DISCCART 408276.567617679 3759846.37414404 0.00 1.50
** receptor =B549+1 property boundary receptor: =C549+1
DISCCART 408301.569017585 3759845.98422341 0.00 1.50

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Appendix B

PM Annual Emissions Mitigated

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** receptor =B550+1 property boundary receptor: =C550+1
DISCCART 408326.562171646 3759845.59430277 0.00 1.50
** receptor =B551+1 property boundary receptor: =C551+1
DISCCART 408351.563571552 3759845.20438214 0.00 1.50
** receptor =B552+1 property boundary receptor: =C552+1
DISCCART 408376.556725613 3759844.81446151 0.00 1.50
** receptor =B553+1 property boundary receptor: =C553+1
DISCCART 408401.549879674 3759844.42454087 0.00 1.50
** receptor =B554+1 property boundary receptor: =C554+1
DISCCART 408426.55127958 3759844.04461821 0.00 1.50
** receptor =B555+1 property boundary receptor: =C555+1
DISCCART 408451.544433641 3759843.65469757 0.00 1.50
** receptor =B556+1 property boundary receptor: =C556+1
DISCCART 408476.545833547 3759843.26477694 0.00 1.50
** receptor =B557+1 property boundary receptor: =C557+1
DISCCART 408501.538987608 3759842.87485631 0.00 1.50
** receptor =B558+1 property boundary receptor: =C558+1
DISCCART 408526.540387514 3759842.48493568 0.00 1.50
** receptor =B559+1 property boundary receptor: =C559+1
DISCCART 408551.533541575 3759842.09501504 0.00 1.50
** receptor =B560+1 property boundary receptor: =C560+1
DISCCART 408576.534941481 3759841.70509441 0.00 1.50
** receptor =B561+1 property boundary receptor: =C561+1
DISCCART 408601.528095542 3759841.31517378 0.00 1.50
** receptor =B562+1 property boundary receptor: =C562+1
DISCCART 408626.529495448 3759840.93525111 0.00 1.50
** receptor =B563+1 property boundary receptor: =C563+1
DISCCART 408651.522649509 3759840.54533048 0.00 1.50
** receptor =B564+1 property boundary receptor: =C564+1
DISCCART 408676.524049415 3759840.15540984 0.00 1.50
** receptor =B565+1 property boundary receptor: =C565+1
DISCCART 408701.517203476 3759839.76548921 0.00 1.50
** receptor =B566+1 property boundary receptor: =C566+1
DISCCART 408726.510357538 3759839.37556858 0.00 1.50
** receptor =B567+1 property boundary receptor: =C567+1
DISCCART 408751.511757443 3759838.98564795 0.00 1.50
** receptor =B568+1 property boundary receptor: =C568+1
DISCCART 408776.504911504 3759838.59572731 0.00 1.50
** receptor =B569+1 property boundary receptor: =C569+1
DISCCART 408801.506311141 3759838.20580668 0.00 1.50
** receptor =B570+1 property boundary receptor: =C570+1
DISCCART 408826.499465471 3759837.81588605 0.00 1.50
** receptor =B571+1 property boundary receptor: =C571+1
DISCCART 408851.500865377 3759837.43596338 0.00 1.50
** receptor =B572+1 property boundary receptor: =C572+1
DISCCART 408876.494019438 3759837.04604275 0.00 1.50
** receptor =B573+1 property boundary receptor: =C573+1
DISCCART 408901.495419344 3759836.65612211 0.00 1.50
** receptor =B574+1 property boundary receptor: =C574+1
DISCCART 408926.488573405 3759836.26620148 0.00 1.50
** receptor =B575+1 property boundary receptor: =C575+1
DISCCART 408951.489973311 3759835.87628085 0.00 1.50
** receptor =B576+1 property boundary receptor: =C576+1
DISCCART 408976.483127372 3759835.48636022 0.00 1.50
** receptor =B577+1 property boundary receptor: =C577+1
DISCCART 409001.484527278 3759835.09643958 0.00 1.50
** receptor =B578+1 property boundary receptor: =C578+1
DISCCART 409026.477681339 3759834.70651895 0.00 1.50
** receptor =B579+1 property boundary receptor: =C579+1
DISCCART 409051.479081245 3759834.31659832 0.00 1.50
** receptor =B580+1 property boundary receptor: =C580+1
DISCCART 409076.472235306 3759833.93667565 0.00 1.50
** receptor =B581+1 property boundary receptor: =C581+1
DISCCART 409101.465389368 3759833.58674688 0.00 1.50
** receptor =B582+1 property boundary receptor: =C582+1
DISCCART 409126.466789273 3759833.25681403 0.00 1.50
** receptor =B583+1 property boundary receptor: =C583+1
DISCCART 409151.468189179 3759832.91688323 0.00 1.50
** receptor =B584+1 property boundary receptor: =C584+1
DISCCART 409176.46134324 3759832.58695038 0.00 1.50
** receptor =B585+1 property boundary receptor: =C585+1
DISCCART 409201.462743146 3759832.24701957 0.00 1.50
** receptor =B586+1 property boundary receptor: =C586+1
DISCCART 409226.455897207 3759831.91708673 0.00 1.50
** receptor =B587+1 property boundary receptor: =C587+1
DISCCART 409251.457297113 3759831.57715592 0.00 1.50

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Appendix B

PM Annual Emissions Mitigated

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** receptor =B588+1 property boundary receptor: =C588+1
DISCCART 409276.450451174 3759831.24722308 0.00 1.50
** receptor =B589+1 property boundary receptor: =C589+1
DISCCART 409301.45185108 3759830.90729227 0.00 1.50
** receptor =B590+1 property boundary receptor: =C590+1
DISCCART 409326.445005141 3759830.57735943 0.00 1.50
** receptor =B591+1 property boundary receptor: =C591+1
DISCCART 409351.446405047 3759830.23742862 0.00 1.50
** receptor =B592+1 property boundary receptor: =C592+1
DISCCART 409376.447804952 3759829.90749578 0.00 1.50
** receptor =B593+1 property boundary receptor: =C593+1
DISCCART 409401.440959014 3759829.56756497 0.00 1.50
** receptor =B594+1 property boundary receptor: =C594+1
DISCCART 409426.442358919 3759829.23763213 0.00 1.50
** receptor =B595+1 property boundary receptor: =C595+1
DISCCART 409451.43551298 3759828.89770132 0.00 1.50
** receptor =B596+1 property boundary receptor: =C596+1
DISCCART 409476.436912886 3759828.56776847 0.00 1.50
** receptor =B597+1 property boundary receptor: =C597+1
DISCCART 409501.430066947 3759828.22783767 0.00 1.50
** receptor =B598+1 property boundary receptor: =C598+1
DISCCART 409526.431466853 3759827.89790482 0.00 1.50
** receptor =B599+1 property boundary receptor: =C599+1
DISCCART 409551.424620914 3759827.55797402 0.00 1.50
** receptor =B600+1 property boundary receptor: =C600+1
DISCCART 409576.42602082 3759827.22804117 0.00 1.50
** receptor =B601+1 property boundary receptor: =C601+1
DISCCART 409601.427420726 3759826.88811036 0.00 1.50
** receptor =B602+1 property boundary receptor: =C602+1
DISCCART 409626.420574787 3759826.55817752 0.00 1.50
** receptor =B603+1 property boundary receptor: =C603+1
DISCCART 409651.421974693 3759826.21824671 0.00 1.50
** receptor =B604+1 property boundary receptor: =C604+1
DISCCART 409676.415128754 3759825.88831387 0.00 1.50
** receptor =B605+1 property boundary receptor: =C605+1
DISCCART 409700.872302936 3759821.52920115 0.00 1.50
** receptor =B606+1 property boundary receptor: =C606+1
DISCCART 409724.579105287 3759813.61081292 0.00 1.50
** receptor =B607+1 property boundary receptor: =C607+1
DISCCART 409748.294153483 3759805.68242672 0.00 1.50
** receptor =B608+1 property boundary receptor: =C608+1
DISCCART 409772.000955834 3759797.76403848 0.00 1.50

** SENSITIVE RECEPTORS

** receptor 1001 (sensitive receptor: T1)
DISCCART 407390.947448644 3759093.38741401 454.30 1.50
** receptor =B9+1 (sensitive receptor: T2)
DISCCART 407365.137955997 3759080.33007179 454.60 1.50
** receptor =B10+1 (sensitive receptor: T3)
DISCCART 407339.781984787 3759067.38270719 459.10 1.50
** receptor =B11+1 (sensitive receptor: T4)
DISCCART 407316.602916471 3759058.85444309 463.60 1.50
** receptor =B12+1 (sensitive receptor: T5)
DISCCART 407283.190755383 3759053.07561936 473.50 1.50
** receptor =B13+1 (sensitive receptor: T6)
DISCCART 407252.936752661 3759048.82648426 475.60 1.50
** receptor =B14+1 (sensitive receptor: T7)
DISCCART 407225.675991418 3759048.53654327 475.60 1.50
** receptor =B15+1 (sensitive receptor: T8)
DISCCART 407196.955715735 3759049.9262604 471.40 1.50
** receptor =B16+1 (sensitive receptor: T9)
DISCCART 407179.012758547 3759047.99665316 465.50 1.50
** receptor =B17+1 (sensitive receptor: T10)
DISCCART 407162.817920349 3759027.3108637 462.40 1.50
** receptor =B18+1 (sensitive receptor: T11)
DISCCART 407144.116345486 3759003.98561149 454.10 1.50
** receptor =B19+1 (sensitive receptor: T12)
DISCCART 407126.461992848 3758984.74952693 443.30 1.50
** receptor =B20+1 (sensitive receptor: T13)
DISCCART 407105.781415354 3758967.54302927 438.30 1.50
** receptor =B21+1 (sensitive receptor: T14)
DISCCART 407088.160046093 3758951.85622227 437.90 1.50
** receptor =B22+1 (sensitive receptor: T15)
DISCCART 407069.524437984 3758935.17961675 437.10 1.50
** receptor =B23+1 (sensitive receptor: T16)

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Appendix B

PM Annual Emissions Mitigated

** DISCCART	407049.30562777	3758918.52300715	436.10	1.50
** receptor	=B24+1 (sensitive	receptor: T17)		
** DISCCART	407036.326668848	3758904.9057789	432.80	1.50
** receptor	=B25+1 (sensitive	receptor: T18)		
** DISCCART	407039.682727476	3758879.36097847	436.20	1.50
** receptor	=B26+1 (sensitive	receptor: T19)		
** DISCCART	407046.642220062	3758854.23609257	429.40	1.50
** receptor	=B27+1 (sensitive	receptor: T20)		
** DISCCART	407052.496769513	3758829.11120666	426.40	1.50
** receptor	=B28+1 (sensitive	receptor: T21)		
** DISCCART	407055.861073985	3758804.57620069	422.10	1.50
** receptor	=B29+1 (sensitive	receptor: T22)		
** DISCCART	407059.233624302	3758781.58088132	416.60	1.50
** receptor	=B30+1 (sensitive	receptor: T23)		
** DISCCART	407066.250837798	3758771.76287975	414.60	1.50
** receptor	=B31+1 (sensitive	receptor: T24)		
** DISCCART	407073.952456371	3758765.02425138	410.50	1.50
** receptor	=B32+1 (sensitive	receptor: T25)		
** DISCCART	407083.138326917	3758759.39539712	407.30	1.50
** receptor	=B33+1 (sensitive	receptor: T26)		
** DISCCART	407094.377412692	3758756.73593844	406.70	1.50
** receptor	=B34+1 (sensitive	receptor: T27)		
** DISCCART	407109.327128401	3758764.23441215	408.90	1.50
** receptor	=B35+1 (sensitive	receptor: T28)		
** DISCCART	407134.58414948	3758776.74186629	408.20	1.50
** receptor	=B36+1 (sensitive	receptor: T29)		
** DISCCART	407157.820938706	3758790.81900093	411.00	1.50
** receptor	=B37+1 (sensitive	receptor: T30)		
** DISCCART	407181.601953656	3758803.33645304	415.10	1.50
** receptor	=B38+1 (sensitive	receptor: T31)		
** DISCCART	407205.374722761	3758815.86390311	418.10	1.50
** receptor	=B39+1 (sensitive	receptor: T32)		
** DISCCART	407230.681218906	3758833.47031938	425.00	1.50
** receptor	=B40+1 (sensitive	receptor: T33)		
** DISCCART	407254.025204108	3758858.3052643	428.30	1.50
** receptor	=B41+1 (sensitive	receptor: T34)		
** DISCCART	407272.693795594	3758877.52135292	428.60	1.50
** receptor	2001 (sensitive	receptor: C1)		
** DISCCART	405962.503349551	3758512.50565081	301.80	1.50
** receptor	=B43+1 (sensitive	receptor: C2)		
** DISCCART	405962.503349551	3758487.50074049	298.50	1.50
** receptor	=B44+1 (sensitive	receptor: C3)		
** DISCCART	405962.503349551	3758462.50582813	298.50	1.50
** receptor	=B45+1 (sensitive	receptor: C4)		
** DISCCART	405962.503349551	3758437.50091781	298.50	1.50
** receptor	=B46+1 (sensitive	receptor: C5)		
** DISCCART	405962.503349551	3758412.50600545	296.10	1.50
** receptor	=B47+1 (sensitive	receptor: C6)		
** DISCCART	405962.503349551	3758387.50109513	296.10	1.50
** receptor	=B48+1 (sensitive	receptor: C7)		
** DISCCART	405962.503349551	3758362.50618277	295.20	1.50
** receptor	=B49+1 (sensitive	receptor: C8)		
** DISCCART	405962.503349551	3758337.50127244	295.20	1.50
** receptor	=B50+1 (sensitive	receptor: C9)		
** DISCCART	405962.503349551	3758312.50636009	295.20	1.50
** receptor	=B51+1 (sensitive	receptor: C10)		
** DISCCART	405962.503349551	3758287.50144976	295.20	1.50
** receptor	=B52+1 (sensitive	receptor: C11)		
** DISCCART	405962.503349551	3758262.50653741	295.20	1.50
** receptor	=B53+1 (sensitive	receptor: C12)		
** DISCCART	405962.503349551	3758237.50162708	292.80	1.50
** receptor	=B54+1 (sensitive	receptor: C13)		
** DISCCART	405962.503349551	3758212.50671473	292.40	1.50
** receptor	=B55+1 (sensitive	receptor: C14)		
** DISCCART	405962.503349551	3758187.5018044	291.90	1.50
** receptor	=B56+1 (sensitive	receptor: C15)		
** DISCCART	405962.503349551	3758162.50689204	291.90	1.50
** receptor	=B57+1 (sensitive	receptor: C16)		
** DISCCART	405962.503349551	3758137.50198172	289.60	1.50
** receptor	=B58+1 (sensitive	receptor: C17)		
** DISCCART	405987.496503612	3758512.50565081	304.30	1.50
** receptor	=B59+1 (sensitive	receptor: C18)		
** DISCCART	405987.496503612	3758487.50074049	301.80	1.50
** receptor	=B60+1 (sensitive	receptor: C19)		
** DISCCART	405987.496503612	3758462.50582813	299.70	1.50
** receptor	=B61+1 (sensitive	receptor: C20)		

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** DISCCART	405987.496503612	3758437.50091781	298.50	1.50
** receptor	=B62+1 (sensitive	receptor: C21)		
** DISCCART	405987.496503612	3758412.50600545	298.50	1.50
** receptor	=B63+1 (sensitive	receptor: C22)		
** DISCCART	405987.496503612	3758387.50109513	298.50	1.50
** receptor	=B64+1 (sensitive	receptor: C23)		
** DISCCART	405987.496503612	3758362.50618277	298.50	1.50
** receptor	=B65+1 (sensitive	receptor: C24)		
** DISCCART	405987.496503612	3758337.50127244	298.50	1.50
** receptor	=B66+1 (sensitive	receptor: C25)		
** DISCCART	405987.496503612	3758312.50636009	298.50	1.50
** receptor	=B67+1 (sensitive	receptor: C26)		
** DISCCART	405987.496503612	3758287.50144976	298.50	1.50
** receptor	=B68+1 (sensitive	receptor: C27)		
** DISCCART	405987.496503612	3758262.50653741	297.80	1.50
** receptor	=B69+1 (sensitive	receptor: C28)		
** DISCCART	405987.496503612	3758237.50162708	295.20	1.50
** receptor	=B70+1 (sensitive	receptor: C29)		
** DISCCART	405987.496503612	3758212.50671473	295.20	1.50
** receptor	=B71+1 (sensitive	receptor: C30)		
** DISCCART	405987.496503612	3758187.5018044	294.50	1.50
** receptor	=B72+1 (sensitive	receptor: C31)		
** DISCCART	405987.496503612	3758162.50689204	293.10	1.50
** receptor	=B73+1 (sensitive	receptor: C32)		
** DISCCART	405987.496503612	3758137.50198172	291.90	1.50
** receptor	=B74+1 (sensitive	receptor: C33)		
** DISCCART	406012.497903518	3758512.50565081	305.50	1.50
** receptor	=B75+1 (sensitive	receptor: C34)		
** DISCCART	406012.497903518	3758487.50074049	305.00	1.50
** receptor	=B76+1 (sensitive	receptor: C35)		
** DISCCART	406012.497903518	3758462.50582813	302.20	1.50
** receptor	=B77+1 (sensitive	receptor: C36)		
** DISCCART	406012.497903518	3758437.50091781	301.80	1.50
** receptor	=B78+1 (sensitive	receptor: C37)		
** DISCCART	406012.497903518	3758412.50600545	301.80	1.50
** receptor	=B79+1 (sensitive	receptor: C38)		
** DISCCART	406012.497903518	3758387.50109513	299.40	1.50
** receptor	=B80+1 (sensitive	receptor: C39)		
** DISCCART	406012.497903518	3758362.50618277	299.40	1.50
** receptor	=B81+1 (sensitive	receptor: C40)		
** DISCCART	406012.497903518	3758337.50127244	299.50	1.50
** receptor	=B82+1 (sensitive	receptor: C41)		
** DISCCART	406012.497903518	3758312.50636009	300.50	1.50
** receptor	=B83+1 (sensitive	receptor: C42)		
** DISCCART	406012.497903518	3758287.50144976	299.40	1.50
** receptor	=B84+1 (sensitive	receptor: C43)		
** DISCCART	406012.497903518	3758262.50653741	298.50	1.50
** receptor	=B85+1 (sensitive	receptor: C44)		
** DISCCART	406012.497903518	3758237.50162708	298.50	1.50
** receptor	=B86+1 (sensitive	receptor: C45)		
** DISCCART	406012.497903518	3758212.50671473	298.50	1.50
** receptor	=B87+1 (sensitive	receptor: C46)		
** DISCCART	406012.497903518	3758187.5018044	296.10	1.50
** receptor	=B88+1 (sensitive	receptor: C47)		
** DISCCART	406012.497903518	3758162.50689204	295.20	1.50
** receptor	=B89+1 (sensitive	receptor: C48)		
** DISCCART	406012.497903518	3758137.50198172	295.20	1.50
** receptor	=B90+1 (sensitive	receptor: C49)		
** DISCCART	406037.499303424	3758512.50565081	308.30	1.50
** receptor	=B91+1 (sensitive	receptor: C50)		
** DISCCART	406037.499303424	3758487.50074049	307.50	1.50
** receptor	=B92+1 (sensitive	receptor: C51)		
** DISCCART	406037.499303424	3758462.50582813	305.00	1.50
** receptor	=B93+1 (sensitive	receptor: C52)		
** DISCCART	406037.499303424	3758437.50091781	305.00	1.50
** receptor	=B94+1 (sensitive	receptor: C53)		
** DISCCART	406037.499303424	3758412.50600545	304.30	1.50
** receptor	=B95+1 (sensitive	receptor: C54)		
** DISCCART	406037.499303424	3758387.50109513	301.80	1.50
** receptor	=B96+1 (sensitive	receptor: C55)		
** DISCCART	406037.499303424	3758362.50618277	301.80	1.50
** receptor	=B97+1 (sensitive	receptor: C56)		
** DISCCART	406037.499303424	3758337.50127244	301.80	1.50
** receptor	=B98+1 (sensitive	receptor: C57)		
** DISCCART	406037.499303424	3758312.50636009	301.80	1.50
** receptor	=B99+1 (sensitive	receptor: C58)		

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** DISCCART	406037.499303424	3758287.50144976	301.80	1.50
** receptor	=B100+1 (sensitive receptor: C59)			
** DISCCART	406037.499303424	3758262.50653741	301.80	1.50
** receptor	=B101+1 (sensitive receptor: C60)			
** DISCCART	406037.499303424	3758237.50162708	301.00	1.50
** receptor	=B102+1 (sensitive receptor: C61)			
** DISCCART	406037.499303424	3758212.50671473	298.50	1.50
** receptor	=B103+1 (sensitive receptor: C62)			
** DISCCART	406037.499303424	3758187.5018044	298.50	1.50
** receptor	=B104+1 (sensitive receptor: C63)			
** DISCCART	406037.499303424	3758162.50689204	298.50	1.50
** receptor	=B105+1 (sensitive receptor: C64)			
** DISCCART	406037.499303424	3758137.50198172	298.50	1.50
** receptor	=B106+1 (sensitive receptor: C65)			
** DISCCART	406062.500703329	3758512.50565081	311.60	1.50
** receptor	=B107+1 (sensitive receptor: C66)			
** DISCCART	406062.500703329	3758487.50074049	309.20	1.50
** receptor	=B108+1 (sensitive receptor: C67)			
** DISCCART	406062.500703329	3758462.50582813	308.30	1.50
** receptor	=B109+1 (sensitive receptor: C68)			
** DISCCART	406062.500703329	3758437.50091781	306.00	1.50
** receptor	=B110+1 (sensitive receptor: C69)			
** DISCCART	406062.500703329	3758412.50600545	305.50	1.50
** receptor	=B111+1 (sensitive receptor: C70)			
** DISCCART	406062.500703329	3758387.50109513	305.00	1.50
** receptor	=B112+1 (sensitive receptor: C71)			
** DISCCART	406062.500703329	3758362.50618277	305.00	1.50
** receptor	=B113+1 (sensitive receptor: C72)			
** DISCCART	406062.500703329	3758337.50127244	305.00	1.50
** receptor	=B114+1 (sensitive receptor: C73)			
** DISCCART	406062.500703329	3758312.50636009	305.00	1.50
** receptor	=B115+1 (sensitive receptor: C74)			
** DISCCART	406062.500703329	3758287.50144976	305.00	1.50
** receptor	=B116+1 (sensitive receptor: C75)			
** DISCCART	406062.500703329	3758262.50653741	303.80	1.50
** receptor	=B117+1 (sensitive receptor: C76)			
** DISCCART	406062.500703329	3758237.50162708	302.70	1.50
** receptor	=B118+1 (sensitive receptor: C77)			
** DISCCART	406062.500703329	3758212.50671473	301.80	1.50
** receptor	=B119+1 (sensitive receptor: C78)			
** DISCCART	406062.500703329	3758187.5018044	299.40	1.50
** receptor	=B120+1 (sensitive receptor: C79)			
** DISCCART	406062.500703329	3758162.50689204	298.90	1.50
** receptor	=B121+1 (sensitive receptor: C80)			
** DISCCART	406062.500703329	3758137.50198172	299.40	1.50
** receptor	=B122+1 (sensitive receptor: C81)			
** DISCCART	406087.502103235	3758512.50565081	311.60	1.50
** receptor	=B123+1 (sensitive receptor: C82)			
** DISCCART	406087.502103235	3758487.50074049	311.60	1.50
** receptor	=B124+1 (sensitive receptor: C83)			
** DISCCART	406087.502103235	3758462.50582813	311.20	1.50
** receptor	=B125+1 (sensitive receptor: C84)			
** DISCCART	406087.502103235	3758437.50091781	308.30	1.50
** receptor	=B126+1 (sensitive receptor: C85)			
** DISCCART	406087.502103235	3758412.50600545	308.30	1.50
** receptor	=B127+1 (sensitive receptor: C86)			
** DISCCART	406087.502103235	3758387.50109513	308.30	1.50
** receptor	=B128+1 (sensitive receptor: C87)			
** DISCCART	406087.502103235	3758362.50618277	308.30	1.50
** receptor	=B129+1 (sensitive receptor: C88)			
** DISCCART	406087.502103235	3758337.50127244	307.60	1.50
** receptor	=B130+1 (sensitive receptor: C89)			
** DISCCART	406087.502103235	3758312.50636009	307.60	1.50
** receptor	=B131+1 (sensitive receptor: C90)			
** DISCCART	406087.502103235	3758287.50144976	307.50	1.50
** receptor	=B132+1 (sensitive receptor: C91)			
** DISCCART	406087.502103235	3758262.50653741	305.00	1.50
** receptor	=B133+1 (sensitive receptor: C92)			
** DISCCART	406087.502103235	3758237.50162708	305.00	1.50
** receptor	=B134+1 (sensitive receptor: C93)			
** DISCCART	406087.502103235	3758212.50671473	304.30	1.50
** receptor	=B135+1 (sensitive receptor: C94)			
** DISCCART	406087.502103235	3758187.5018044	301.80	1.50
** receptor	=B136+1 (sensitive receptor: C95)			
** DISCCART	406087.502103235	3758162.50689204	301.80	1.50
** receptor	=B137+1 (sensitive receptor: C96)			

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** DISCCART	406087.502103235	3758137.50198172	301.80	1.50
** receptor	=B138+1 (sensitive receptor: C97)			
** DISCCART	406112.495257296	3758512.50565081	314.90	1.50
** receptor	=B139+1 (sensitive receptor: C98)			
** DISCCART	406112.495257296	3758487.50074049	314.80	1.50
** receptor	=B140+1 (sensitive receptor: C99)			
** DISCCART	406112.495257296	3758462.50582813	312.00	1.50
** receptor	=B141+1 (sensitive receptor: C100)			
** DISCCART	406112.495257296	3758437.50091781	311.60	1.50
** receptor	=B142+1 (sensitive receptor: C101)			
** DISCCART	406112.495257296	3758412.50600545	311.60	1.50
** receptor	=B143+1 (sensitive receptor: C102)			
** DISCCART	406112.495257296	3758387.50109513	309.20	1.50
** receptor	=B144+1 (sensitive receptor: C103)			
** DISCCART	406112.495257296	3758362.50618277	309.20	1.50
** receptor	=B145+1 (sensitive receptor: C104)			
** DISCCART	406112.495257296	3758337.50127244	309.20	1.50
** receptor	=B146+1 (sensitive receptor: C105)			
** DISCCART	406112.495257296	3758312.50636009	308.30	1.50
** receptor	=B147+1 (sensitive receptor: C106)			
** DISCCART	406112.495257296	3758287.50144976	308.30	1.50
** receptor	=B148+1 (sensitive receptor: C107)			
** DISCCART	406112.495257296	3758262.50653741	308.30	1.50
** receptor	=B149+1 (sensitive receptor: C108)			
** DISCCART	406112.495257296	3758237.50162708	308.30	1.50
** receptor	=B150+1 (sensitive receptor: C109)			
** DISCCART	406112.495257296	3758212.50671473	306.00	1.50
** receptor	=B151+1 (sensitive receptor: C110)			
** DISCCART	406112.495257296	3758187.5018044	306.00	1.50
** receptor	=B152+1 (sensitive receptor: C111)			
** DISCCART	406112.495257296	3758162.50689204	305.00	1.50
** receptor	=B153+1 (sensitive receptor: C112)			
** DISCCART	406112.495257296	3758137.50198172	305.00	1.50
** receptor	=B154+1 (sensitive receptor: C113)			
** DISCCART	406137.496657202	3758512.50565081	318.20	1.50
** receptor	=B155+1 (sensitive receptor: C114)			
** DISCCART	406137.496657202	3758487.50074049	314.90	1.50
** receptor	=B156+1 (sensitive receptor: C115)			
** DISCCART	406137.496657202	3758462.50582813	314.90	1.50
** receptor	=B157+1 (sensitive receptor: C116)			
** DISCCART	406137.496657202	3758437.50091781	314.10	1.50
** receptor	=B158+1 (sensitive receptor: C117)			
** DISCCART	406137.496657202	3758412.50600545	311.60	1.50
** receptor	=B159+1 (sensitive receptor: C118)			
** DISCCART	406137.496657202	3758387.50109513	311.60	1.50
** receptor	=B160+1 (sensitive receptor: C119)			
** DISCCART	406137.496657202	3758362.50618277	311.60	1.50
** receptor	=B161+1 (sensitive receptor: C120)			
** DISCCART	406137.496657202	3758337.50127244	311.60	1.50
** receptor	=B162+1 (sensitive receptor: C121)			
** DISCCART	406137.496657202	3758312.50636009	311.60	1.50
** receptor	=B163+1 (sensitive receptor: C122)			
** DISCCART	406137.496657202	3758287.50144976	311.60	1.50
** receptor	=B164+1 (sensitive receptor: C123)			
** DISCCART	406137.496657202	3758262.50653741	310.90	1.50
** receptor	=B165+1 (sensitive receptor: C124)			
** DISCCART	406137.496657202	3758237.50162708	310.90	1.50
** receptor	=B166+1 (sensitive receptor: C125)			
** DISCCART	406137.496657202	3758212.50671473	309.50	1.50
** receptor	=B167+1 (sensitive receptor: C126)			
** DISCCART	406137.496657202	3758187.5018044	308.30	1.50
** receptor	=B168+1 (sensitive receptor: C127)			
** DISCCART	406137.496657202	3758162.50689204	308.30	1.50
** receptor	=B169+1 (sensitive receptor: C128)			
** DISCCART	406137.496657202	3758137.50198172	308.30	1.50
** receptor	=B170+1 (sensitive receptor: C129)			
** DISCCART	406162.498057107	3758512.50565081	320.20	1.50
** receptor	=B171+1 (sensitive receptor: C130)			
** DISCCART	406162.498057107	3758487.50074049	318.20	1.50
** receptor	=B172+1 (sensitive receptor: C131)			
** DISCCART	406162.498057107	3758462.50582813	316.90	1.50
** receptor	=B173+1 (sensitive receptor: C132)			
** DISCCART	406162.498057107	3758437.50091781	314.90	1.50
** receptor	=B174+1 (sensitive receptor: C133)			
** DISCCART	406162.498057107	3758412.50600545	314.90	1.50
** receptor	=B175+1 (sensitive receptor: C134)			

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** receptor	DISCCART 406162.498057107 3758387.50109513	314.90	1.50
** receptor	=B176+1 (sensitive receptor: C135)		
** receptor	DISCCART 406162.498057107 3758362.50618277	312.50	1.50
** receptor	=B177+1 (sensitive receptor: C136)		
** receptor	DISCCART 406162.498057107 3758337.50127244	312.50	1.50
** receptor	=B178+1 (sensitive receptor: C137)		
** receptor	DISCCART 406162.498057107 3758312.50636009	312.00	1.50
** receptor	=B179+1 (sensitive receptor: C138)		
** receptor	DISCCART 406162.498057107 3758287.50144976	311.60	1.50
** receptor	=B180+1 (sensitive receptor: C139)		
** receptor	DISCCART 406162.498057107 3758262.50653741	311.60	1.50
** receptor	=B181+1 (sensitive receptor: C140)		
** receptor	DISCCART 406162.498057107 3758237.50162708	311.60	1.50
** receptor	=B182+1 (sensitive receptor: C141)		
** receptor	DISCCART 406162.498057107 3758212.50671473	311.60	1.50
** receptor	=B183+1 (sensitive receptor: C142)		
** receptor	DISCCART 406162.498057107 3758187.5018044	311.60	1.50
** receptor	=B184+1 (sensitive receptor: C143)		
** receptor	DISCCART 406162.498057107 3758162.50689204	311.60	1.50
** receptor	=B185+1 (sensitive receptor: C144)		
** receptor	DISCCART 406162.498057107 3758137.50198172	311.60	1.50
** receptor	=B186+1 (sensitive receptor: C145)		
** receptor	DISCCART 406187.499457013 3758512.50565081	321.40	1.50
** receptor	=B187+1 (sensitive receptor: C146)		
** receptor	DISCCART 406187.499457013 3758487.50074049	320.70	1.50
** receptor	=B188+1 (sensitive receptor: C147)		
** receptor	DISCCART 406187.499457013 3758462.50582813	318.20	1.50
** receptor	=B189+1 (sensitive receptor: C148)		
** receptor	DISCCART 406187.499457013 3758437.50091781	318.20	1.50
** receptor	=B190+1 (sensitive receptor: C149)		
** receptor	DISCCART 406187.499457013 3758412.50600545	317.80	1.50
** receptor	=B191+1 (sensitive receptor: C150)		
** receptor	DISCCART 406187.499457013 3758387.50109513	317.40	1.50
** receptor	=B192+1 (sensitive receptor: C151)		
** receptor	DISCCART 406187.499457013 3758362.50618277	314.90	1.50
** receptor	=B193+1 (sensitive receptor: C152)		
** receptor	DISCCART 406187.499457013 3758337.50127244	314.90	1.50
** receptor	=B194+1 (sensitive receptor: C153)		
** receptor	DISCCART 406187.499457013 3758312.50636009	314.90	1.50
** receptor	=B195+1 (sensitive receptor: C154)		
** receptor	DISCCART 406187.499457013 3758287.50144976	314.90	1.50
** receptor	=B196+1 (sensitive receptor: C155)		
** receptor	DISCCART 406187.499457013 3758262.50653741	314.90	1.50
** receptor	=B197+1 (sensitive receptor: C156)		
** receptor	DISCCART 406187.499457013 3758237.50162708	314.90	1.50
** receptor	=B198+1 (sensitive receptor: C157)		
** receptor	DISCCART 406187.499457013 3758212.50671473	314.90	1.50
** receptor	=B199+1 (sensitive receptor: C158)		
** receptor	DISCCART 406187.499457013 3758187.5018044	314.90	1.50
** receptor	=B200+1 (sensitive receptor: C159)		
** receptor	DISCCART 406187.499457013 3758162.50689204	314.20	1.50
** receptor	=B201+1 (sensitive receptor: C160)		
** receptor	DISCCART 406187.499457013 3758137.50198172	311.60	1.50
** receptor	=B202+1 (sensitive receptor: C161)		
** receptor	DISCCART 406212.500856919 3758512.50565081	324.70	1.50
** receptor	=B203+1 (sensitive receptor: C162)		
** receptor	DISCCART 406212.500856919 3758487.50074049	322.40	1.50
** receptor	=B204+1 (sensitive receptor: C163)		
** receptor	DISCCART 406212.500856919 3758462.50582813	321.40	1.50
** receptor	=B205+1 (sensitive receptor: C164)		
** receptor	DISCCART 406212.500856919 3758437.50091781	321.40	1.50
** receptor	=B206+1 (sensitive receptor: C165)		
** receptor	DISCCART 406212.500856919 3758412.50600545	319.10	1.50
** receptor	=B207+1 (sensitive receptor: C166)		
** receptor	DISCCART 406212.500856919 3758387.50109513	318.20	1.50
** receptor	=B208+1 (sensitive receptor: C167)		
** receptor	DISCCART 406212.500856919 3758362.50618277	319.10	1.50
** receptor	=B209+1 (sensitive receptor: C168)		
** receptor	DISCCART 406212.500856919 3758337.50127244	318.20	1.50
** receptor	=B210+1 (sensitive receptor: C169)		
** receptor	DISCCART 406212.500856919 3758312.50636009	318.20	1.50
** receptor	=B211+1 (sensitive receptor: C170)		
** receptor	DISCCART 406212.500856919 3758287.50144976	318.20	1.50
** receptor	=B212+1 (sensitive receptor: C171)		
** receptor	DISCCART 406212.500856919 3758262.50653741	318.20	1.50
** receptor	=B213+1 (sensitive receptor: C172)		

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** receptor	DISCCART 406212.500856919 3758237.50162708	318.20	1.50
** receptor	=B214+1 (sensitive receptor: C173)		
** receptor	DISCCART 406212.500856919 3758212.50671473	318.20	1.50
** receptor	=B215+1 (sensitive receptor: C174)		
** receptor	DISCCART 406212.500856919 3758187.5018044	318.20	1.50
** receptor	=B216+1 (sensitive receptor: C175)		
** receptor	DISCCART 406212.500856919 3758162.50689204	316.90	1.50
** receptor	=B217+1 (sensitive receptor: C176)		
** receptor	DISCCART 406212.500856919 3758137.50198172	314.90	1.50
** receptor	=B218+1 (sensitive receptor: C177)		
** receptor	DISCCART 406237.502256824 3758512.50565081	329.20	1.50
** receptor	=B219+1 (sensitive receptor: C178)		
** receptor	DISCCART 406237.502256824 3758487.50074049	327.30	1.50
** receptor	=B220+1 (sensitive receptor: C179)		
** receptor	DISCCART 406237.502256824 3758462.50582813	324.70	1.50
** receptor	=B221+1 (sensitive receptor: C180)		
** receptor	DISCCART 406237.502256824 3758437.50091781	323.90	1.50
** receptor	=B222+1 (sensitive receptor: C181)		
** receptor	DISCCART 406237.502256824 3758412.50600545	321.40	1.50
** receptor	=B223+1 (sensitive receptor: C182)		
** receptor	DISCCART 406237.502256824 3758387.50109513	321.40	1.50
** receptor	=B224+1 (sensitive receptor: C183)		
** receptor	DISCCART 406237.502256824 3758362.50618277	321.40	1.50
** receptor	=B225+1 (sensitive receptor: C184)		
** receptor	DISCCART 406237.502256824 3758337.50127244	320.70	1.50
** receptor	=B226+1 (sensitive receptor: C185)		
** receptor	DISCCART 406237.502256824 3758312.50636009	320.70	1.50
** receptor	=B227+1 (sensitive receptor: C186)		
** receptor	DISCCART 406237.502256824 3758287.50144976	320.70	1.50
** receptor	=B228+1 (sensitive receptor: C187)		
** receptor	DISCCART 406237.502256824 3758262.50653741	320.70	1.50
** receptor	=B229+1 (sensitive receptor: C188)		
** receptor	DISCCART 406237.502256824 3758237.50162708	320.70	1.50
** receptor	=B230+1 (sensitive receptor: C189)		
** receptor	DISCCART 406237.502256824 3758212.50671473	321.40	1.50
** receptor	=B231+1 (sensitive receptor: C190)		
** receptor	DISCCART 406237.502256824 3758187.5018044	321.40	1.50
** receptor	=B232+1 (sensitive receptor: C191)		
** receptor	DISCCART 406237.502256824 3758162.50689204	318.20	1.50
** receptor	=B233+1 (sensitive receptor: C192)		
** receptor	DISCCART 406237.502256824 3758137.50198172	318.10	1.50
** receptor	=B234+1 (sensitive receptor: C193)		
** receptor	DISCCART 406262.495410886 3758512.50565081	333.30	1.50
** receptor	=B235+1 (sensitive receptor: C194)		
** receptor	DISCCART 406262.495410886 3758487.50074049	331.30	1.50
** receptor	=B236+1 (sensitive receptor: C195)		
** receptor	DISCCART 406262.495410886 3758462.50582813	328.90	1.50
** receptor	=B237+1 (sensitive receptor: C196)		
** receptor	DISCCART 406262.495410886 3758437.50091781	327.90	1.50
** receptor	=B238+1 (sensitive receptor: C197)		
** receptor	DISCCART 406262.495410886 3758412.50600545	325.20	1.50
** receptor	=B239+1 (sensitive receptor: C198)		
** receptor	DISCCART 406262.495410886 3758387.50109513	324.70	1.50
** receptor	=B240+1 (sensitive receptor: C199)		
** receptor	DISCCART 406262.495410886 3758362.50618277	324.70	1.50
** receptor	=B241+1 (sensitive receptor: C200)		
** receptor	DISCCART 406262.495410886 3758337.50127244	322.40	1.50
** receptor	=B242+1 (sensitive receptor: C201)		
** receptor	DISCCART 406262.495410886 3758312.50636009	321.40	1.50
** receptor	=B243+1 (sensitive receptor: C202)		
** receptor	DISCCART 406262.495410886 3758287.50144976	321.40	1.50
** receptor	=B244+1 (sensitive receptor: C203)		
** receptor	DISCCART 406262.495410886 3758262.50653741	321.90	1.50
** receptor	=B245+1 (sensitive receptor: C204)		
** receptor	DISCCART 406262.495410886 3758237.50162708	322.40	1.50
** receptor	=B246+1 (sensitive receptor: C205)		
** receptor	DISCCART 406262.495410886 3758212.50671473	321.40	1.50
** receptor	=B247+1 (sensitive receptor: C206)		
** receptor	DISCCART 406262.495410886 3758187.5018044	321.40	1.50
** receptor	=B248+1 (sensitive receptor: C207)		
** receptor	DISCCART 406262.495410886 3758162.50689204	321.40	1.50
** receptor	=B249+1 (sensitive receptor: C208)		
** receptor	DISCCART 406262.495410886 3758137.50198172	318.20	1.50
** receptor	=B250+1 (sensitive receptor: C209)		
** receptor	DISCCART 406287.496810791 3758512.50565081	335.80	1.50
** receptor	=B251+1 (sensitive receptor: C210)		

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** receptor	DISCCART 406287.496810791 3758487.50074049	334.50	1.50
** receptor	=B252+1 (sensitive receptor: C211)		
** receptor	DISCCART 406287.496810791 3758462.50582813	332.50	1.50
** receptor	=B253+1 (sensitive receptor: C212)		
** receptor	DISCCART 406287.496810791 3758437.50091781	330.60	1.50
** receptor	=B254+1 (sensitive receptor: C213)		
** receptor	DISCCART 406287.496810791 3758412.50600545	329.20	1.50
** receptor	=B255+1 (sensitive receptor: C214)		
** receptor	DISCCART 406287.496810791 3758387.50109513	328.00	1.50
** receptor	=B256+1 (sensitive receptor: C215)		
** receptor	DISCCART 406287.496810791 3758362.50618277	327.60	1.50
** receptor	=B257+1 (sensitive receptor: C216)		
** receptor	DISCCART 406287.496810791 3758337.50127244	327.20	1.50
** receptor	=B258+1 (sensitive receptor: C217)		
** receptor	DISCCART 406287.496810791 3758312.50636009	324.70	1.50
** receptor	=B259+1 (sensitive receptor: C218)		
** receptor	DISCCART 406287.496810791 3758287.50144976	324.70	1.50
** receptor	=B260+1 (sensitive receptor: C219)		
** receptor	DISCCART 406287.496810791 3758262.50653741	324.70	1.50
** receptor	=B261+1 (sensitive receptor: C220)		
** receptor	DISCCART 406287.496810791 3758237.50162708	324.70	1.50
** receptor	=B262+1 (sensitive receptor: C221)		
** receptor	DISCCART 406287.496810791 3758212.50671473	324.70	1.50
** receptor	=B263+1 (sensitive receptor: C222)		
** receptor	DISCCART 406287.496810791 3758187.5018044	321.40	1.50
** receptor	=B264+1 (sensitive receptor: C223)		
** receptor	DISCCART 406287.496810791 3758162.50689204	321.40	1.50
** receptor	=B265+1 (sensitive receptor: C224)		
** receptor	DISCCART 406287.496810791 3758137.50198172	321.40	1.50
** receptor	=B266+1 (sensitive receptor: C225)		
** receptor	DISCCART 406312.498210697 3758512.50565081	338.30	1.50
** receptor	=B267+1 (sensitive receptor: C226)		
** receptor	DISCCART 406312.498210697 3758487.50074049	335.50	1.50
** receptor	=B268+1 (sensitive receptor: C227)		
** receptor	DISCCART 406312.498210697 3758462.50582813	334.60	1.50
** receptor	=B269+1 (sensitive receptor: C228)		
** receptor	DISCCART 406312.498210697 3758437.50091781	334.60	1.50
** receptor	=B270+1 (sensitive receptor: C229)		
** receptor	DISCCART 406312.498210697 3758412.50600545	332.20	1.50
** receptor	=B271+1 (sensitive receptor: C230)		
** receptor	DISCCART 406312.498210697 3758387.50109513	331.30	1.50
** receptor	=B272+1 (sensitive receptor: C231)		
** receptor	DISCCART 406312.498210697 3758362.50618277	331.30	1.50
** receptor	=B273+1 (sensitive receptor: C232)		
** receptor	DISCCART 406312.498210697 3758337.50127244	328.90	1.50
** receptor	=B274+1 (sensitive receptor: C233)		
** receptor	DISCCART 406312.498210697 3758312.50636009	328.00	1.50
** receptor	=B275+1 (sensitive receptor: C234)		
** receptor	DISCCART 406312.498210697 3758287.50144976	328.00	1.50
** receptor	=B276+1 (sensitive receptor: C235)		
** receptor	DISCCART 406312.498210697 3758262.50653741	328.00	1.50
** receptor	=B277+1 (sensitive receptor: C236)		
** receptor	DISCCART 406312.498210697 3758237.50162708	328.00	1.50
** receptor	=B278+1 (sensitive receptor: C237)		
** receptor	DISCCART 406312.498210697 3758212.50671473	325.20	1.50
** receptor	=B279+1 (sensitive receptor: C238)		
** receptor	DISCCART 406312.498210697 3758187.5018044	324.70	1.50
** receptor	=B280+1 (sensitive receptor: C239)		
** receptor	DISCCART 406312.498210697 3758162.50689204	322.40	1.50
** receptor	=B281+1 (sensitive receptor: C240)		
** receptor	DISCCART 406312.498210697 3758137.50198172	321.40	1.50
** receptor	=B282+1 (sensitive receptor: C241)		
** receptor	DISCCART 406337.499610602 3758512.50565081	341.10	1.50
** receptor	=B283+1 (sensitive receptor: C242)		
** receptor	DISCCART 406337.499610602 3758487.50074049	337.80	1.50
** receptor	=B284+1 (sensitive receptor: C243)		
** receptor	DISCCART 406337.499610602 3758462.50582813	337.50	1.50
** receptor	=B285+1 (sensitive receptor: C244)		
** receptor	DISCCART 406337.499610602 3758437.50091781	337.10	1.50
** receptor	=B286+1 (sensitive receptor: C245)		
** receptor	DISCCART 406337.499610602 3758412.50600545	334.60	1.50
** receptor	=B287+1 (sensitive receptor: C246)		
** receptor	DISCCART 406337.499610602 3758387.50109513	334.60	1.50
** receptor	=B288+1 (sensitive receptor: C247)		
** receptor	DISCCART 406337.499610602 3758362.50618277	334.20	1.50
** receptor	=B289+1 (sensitive receptor: C248)		

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** DISCCART	406337.499610602	3758337.50127244	331.30	1.50
** receptor	=B290+1 (sensitive receptor: C249)			
** DISCCART	406337.499610602	3758312.50636009	331.30	1.50
** receptor	=B291+1 (sensitive receptor: C250)			
** DISCCART	406337.499610602	3758287.50144976	328.00	1.50
** receptor	=B292+1 (sensitive receptor: C251)			
** DISCCART	406337.499610602	3758262.50653741	328.00	1.50
** receptor	=B293+1 (sensitive receptor: C252)			
** DISCCART	406337.499610602	3758237.50162708	328.00	1.50
** receptor	=B294+1 (sensitive receptor: C253)			
** DISCCART	406337.499610602	3758212.50671473	326.30	1.50
** receptor	=B295+1 (sensitive receptor: C254)			
** DISCCART	406337.499610602	3758187.5018044	324.70	1.50
** receptor	=B296+1 (sensitive receptor: C255)			
** DISCCART	406337.499610602	3758162.50689204	324.70	1.50
** receptor	=B297+1 (sensitive receptor: C256)			
** DISCCART	406337.499610602	3758137.50198172	324.60	1.50
** receptor	=B298+1 (sensitive receptor: C257)			
** DISCCART	406362.501010508	3758512.50565081	343.20	1.50
** receptor	=B299+1 (sensitive receptor: C258)			
** DISCCART	406362.501010508	3758487.50074049	341.10	1.50
** receptor	=B300+1 (sensitive receptor: C259)			
** DISCCART	406362.501010508	3758462.50582813	341.10	1.50
** receptor	=B301+1 (sensitive receptor: C260)			
** DISCCART	406362.501010508	3758437.50091781	338.80	1.50
** receptor	=B302+1 (sensitive receptor: C261)			
** DISCCART	406362.501010508	3758412.50600545	338.30	1.50
** receptor	=B303+1 (sensitive receptor: C262)			
** DISCCART	406362.501010508	3758387.50109513	337.80	1.50
** receptor	=B304+1 (sensitive receptor: C263)			
** DISCCART	406362.501010508	3758362.50618277	334.60	1.50
** receptor	=B305+1 (sensitive receptor: C264)			
** DISCCART	406362.501010508	3758337.50127244	334.60	1.50
** receptor	=B306+1 (sensitive receptor: C265)			
** DISCCART	406362.501010508	3758312.50636009	334.60	1.50
** receptor	=B307+1 (sensitive receptor: C266)			
** DISCCART	406362.501010508	3758287.50144976	331.30	1.50
** receptor	=B308+1 (sensitive receptor: C267)			
** DISCCART	406362.501010508	3758262.50653741	331.30	1.50
** receptor	=B309+1 (sensitive receptor: C268)			
** DISCCART	406362.501010508	3758237.50162708	328.00	1.50
** receptor	=B310+1 (sensitive receptor: C269)			
** DISCCART	406362.501010508	3758212.50671473	325.80	1.50
** receptor	=B311+1 (sensitive receptor: C270)			
** DISCCART	406362.501010508	3758187.5018044	324.70	1.50
** receptor	=B312+1 (sensitive receptor: C271)			
** DISCCART	406362.501010508	3758162.50689204	324.20	1.50
** receptor	=B313+1 (sensitive receptor: C272)			
** DISCCART	406362.501010508	3758137.50198172	323.70	1.50
** receptor	=B314+1 (sensitive receptor: C273)			
** DISCCART	406387.502410414	3758512.50565081	344.40	1.50
** receptor	=B315+1 (sensitive receptor: C274)			
** DISCCART	406387.502410414	3758487.50074049	344.40	1.50
** receptor	=B316+1 (sensitive receptor: C275)			
** DISCCART	406387.502410414	3758462.50582813	343.70	1.50
** receptor	=B317+1 (sensitive receptor: C276)			
** DISCCART	406387.502410414	3758437.50091781	341.10	1.50
** receptor	=B318+1 (sensitive receptor: C277)			
** DISCCART	406387.502410414	3758412.50600545	341.10	1.50
** receptor	=B319+1 (sensitive receptor: C278)			
** DISCCART	406387.502410414	3758387.50109513	337.80	1.50
** receptor	=B320+1 (sensitive receptor: C279)			
** DISCCART	406387.502410414	3758362.50618277	337.80	1.50
** receptor	=B321+1 (sensitive receptor: C280)			
** DISCCART	406387.502410414	3758337.50127244	337.10	1.50
** receptor	=B322+1 (sensitive receptor: C281)			
** DISCCART	406387.502410414	3758312.50636009	334.60	1.50
** receptor	=B323+1 (sensitive receptor: C282)			
** DISCCART	406387.502410414	3758287.50144976	334.50	1.50
** receptor	=B324+1 (sensitive receptor: C283)			
** DISCCART	406387.502410414	3758262.50653741	331.30	1.50
** receptor	=B325+1 (sensitive receptor: C284)			
** DISCCART	406387.502410414	3758237.50162708	328.00	1.50
** receptor	=B326+1 (sensitive receptor: C285)			
** DISCCART	406387.502410414	3758212.50671473	324.70	1.50
** receptor	=B327+1 (sensitive receptor: C286)			

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** DISCCART	406387.502410414	3758187.5018044	322.20	1.50
** receptor	=B328+1 (sensitive receptor: C287)			
** DISCCART	406387.502410414	3758162.50689204	321.40	1.50
** receptor	=B329+1 (sensitive receptor: C288)			
** DISCCART	406387.502410414	3758137.50198172	321.40	1.50
** receptor	=B330+1 (sensitive receptor: C289)			
** DISCCART	406412.503810319	3758512.50565081	347.70	1.50
** receptor	=B331+1 (sensitive receptor: C290)			
** DISCCART	406412.503810319	3758487.50074049	344.40	1.50
** receptor	=B332+1 (sensitive receptor: C291)			
** DISCCART	406412.503810319	3758462.50582813	344.40	1.50
** receptor	=B333+1 (sensitive receptor: C292)			
** DISCCART	406412.503810319	3758437.50091781	344.40	1.50
** receptor	=B334+1 (sensitive receptor: C293)			
** DISCCART	406412.503810319	3758412.50600545	341.60	1.50
** receptor	=B335+1 (sensitive receptor: C294)			
** DISCCART	406412.503810319	3758387.50109513	341.10	1.50
** receptor	=B336+1 (sensitive receptor: C295)			
** DISCCART	406412.503810319	3758362.50618277	339.90	1.50
** receptor	=B337+1 (sensitive receptor: C296)			
** DISCCART	406412.503810319	3758337.50127244	337.80	1.50
** receptor	=B338+1 (sensitive receptor: C297)			
** DISCCART	406412.503810319	3758312.50636009	336.60	1.50
** receptor	=B339+1 (sensitive receptor: C298)			
** DISCCART	406412.503810319	3758287.50144976	334.60	1.50
** receptor	=B340+1 (sensitive receptor: C299)			
** DISCCART	406412.503810319	3758262.50653741	330.80	1.50
** receptor	=B341+1 (sensitive receptor: C300)			
** DISCCART	406412.503810319	3758237.50162708	324.70	1.50
** receptor	=B342+1 (sensitive receptor: C301)			
** DISCCART	406412.503810319	3758212.50671473	322.60	1.50
** receptor	=B343+1 (sensitive receptor: C302)			
** DISCCART	406412.503810319	3758187.5018044	321.40	1.50
** receptor	=B344+1 (sensitive receptor: C303)			
** DISCCART	406412.503810319	3758162.50689204	321.40	1.50
** receptor	=B345+1 (sensitive receptor: C304)			
** DISCCART	406412.503810319	3758137.50198172	321.40	1.50
** receptor	=B346+1 (sensitive receptor: C305)			
** DISCCART	406437.496964381	3758512.50565081	348.90	1.50
** receptor	=B347+1 (sensitive receptor: C306)			
** DISCCART	406437.496964381	3758487.50074049	347.70	1.50
** receptor	=B348+1 (sensitive receptor: C307)			
** DISCCART	406437.496964381	3758462.50582813	345.60	1.50
** receptor	=B349+1 (sensitive receptor: C308)			
** DISCCART	406437.496964381	3758437.50091781	344.40	1.50
** receptor	=B350+1 (sensitive receptor: C309)			
** DISCCART	406437.496964381	3758412.50600545	344.40	1.50
** receptor	=B351+1 (sensitive receptor: C310)			
** DISCCART	406437.496964381	3758387.50109513	343.60	1.50
** receptor	=B352+1 (sensitive receptor: C311)			
** DISCCART	406437.496964381	3758362.50618277	341.10	1.50
** receptor	=B353+1 (sensitive receptor: C312)			
** DISCCART	406437.496964381	3758337.50127244	341.10	1.50
** receptor	=B354+1 (sensitive receptor: C313)			
** DISCCART	406437.496964381	3758312.50636009	337.80	1.50
** receptor	=B355+1 (sensitive receptor: C314)			
** DISCCART	406437.496964381	3758287.50144976	334.60	1.50
** receptor	=B356+1 (sensitive receptor: C315)			
** DISCCART	406437.496964381	3758262.50653741	328.20	1.50
** receptor	=B357+1 (sensitive receptor: C316)			
** DISCCART	406437.496964381	3758237.50162708	322.10	1.50
** receptor	=B358+1 (sensitive receptor: C317)			
** DISCCART	406437.496964381	3758212.50671473	321.40	1.50
** receptor	=B359+1 (sensitive receptor: C318)			
** DISCCART	406437.496964381	3758187.5018044	321.40	1.50
** receptor	=B360+1 (sensitive receptor: C319)			
** DISCCART	406437.496964381	3758162.50689204	321.40	1.50
** receptor	=B361+1 (sensitive receptor: C320)			
** DISCCART	406437.496964381	3758137.50198172	321.40	1.50
** receptor	=B362+1 (sensitive receptor: C321)			
** DISCCART	406462.498364286	3758512.50565081	351.00	1.50
** receptor	=B363+1 (sensitive receptor: C322)			
** DISCCART	406462.498364286	3758487.50074049	347.70	1.50
** receptor	=B364+1 (sensitive receptor: C323)			
** DISCCART	406462.498364286	3758462.50582813	347.70	1.50
** receptor	=B365+1 (sensitive receptor: C324)			

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** DISCCART	406462.498364286	3758437.50091781	345.30	1.50
** receptor	=B366+1 (sensitive receptor: C325)			
** DISCCART	406462.498364286	3758412.50600545	344.40	1.50
** receptor	=B367+1 (sensitive receptor: C326)			
** DISCCART	406462.498364286	3758387.50109513	344.40	1.50
** receptor	=B368+1 (sensitive receptor: C327)			
** DISCCART	406462.498364286	3758362.50618277	343.20	1.50
** receptor	=B369+1 (sensitive receptor: C328)			
** DISCCART	406462.498364286	3758337.50127244	341.10	1.50
** receptor	=B370+1 (sensitive receptor: C329)			
** DISCCART	406462.498364286	3758312.50636009	339.90	1.50
** receptor	=B371+1 (sensitive receptor: C330)			
** DISCCART	406462.498364286	3758287.50144976	335.50	1.50
** receptor	=B372+1 (sensitive receptor: C331)			
** DISCCART	406462.498364286	3758262.50653741	325.80	1.50
** receptor	=B373+1 (sensitive receptor: C332)			
** DISCCART	406462.498364286	3758237.50162708	321.40	1.50
** receptor	=B374+1 (sensitive receptor: C333)			
** DISCCART	406462.498364286	3758212.50671473	321.40	1.50
** receptor	=B375+1 (sensitive receptor: C334)			
** DISCCART	406462.498364286	3758187.5018044	322.40	1.50
** receptor	=B376+1 (sensitive receptor: C335)			
** DISCCART	406462.498364286	3758162.50689204	323.60	1.50
** receptor	=B377+1 (sensitive receptor: C336)			
** DISCCART	406462.498364286	3758137.50198172	325.60	1.50
** receptor	=B378+1 (sensitive receptor: C337)			
** DISCCART	406487.499764192	3758512.50565081	353.90	1.50
** receptor	=B379+1 (sensitive receptor: C338)			
** DISCCART	406487.499764192	3758487.50074049	350.90	1.50
** receptor	=B380+1 (sensitive receptor: C339)			
** DISCCART	406487.499764192	3758462.50582813	347.70	1.50
** receptor	=B381+1 (sensitive receptor: C340)			
** DISCCART	406487.499764192	3758437.50091781	347.70	1.50
** receptor	=B382+1 (sensitive receptor: C341)			
** DISCCART	406487.499764192	3758412.50600545	344.40	1.50
** receptor	=B383+1 (sensitive receptor: C342)			
** DISCCART	406487.499764192	3758387.50109513	344.40	1.50
** receptor	=B384+1 (sensitive receptor: C343)			
** DISCCART	406487.499764192	3758362.50618277	344.40	1.50
** receptor	=B385+1 (sensitive receptor: C344)			
** DISCCART	406487.499764192	3758337.50127244	341.10	1.50
** receptor	=B386+1 (sensitive receptor: C345)			
** DISCCART	406487.499764192	3758312.50636009	341.10	1.50
** receptor	=B387+1 (sensitive receptor: C346)			
** DISCCART	406487.499764192	3758287.50144976	337.80	1.50
** receptor	=B388+1 (sensitive receptor: C347)			
** DISCCART	406487.499764192	3758262.50653741	323.30	1.50
** receptor	=B389+1 (sensitive receptor: C348)			
** DISCCART	406487.499764192	3758237.50162708	321.40	1.50
** receptor	=B390+1 (sensitive receptor: C349)			
** DISCCART	406487.499764192	3758212.50671473	324.40	1.50
** receptor	=B391+1 (sensitive receptor: C350)			
** DISCCART	406487.499764192	3758187.5018044	327.30	1.50
** receptor	=B392+1 (sensitive receptor: C351)			
** DISCCART	406487.499764192	3758162.50689204	328.00	1.50
** receptor	=B393+1 (sensitive receptor: C352)			
** DISCCART	406487.499764192	3758137.50198172	330.60	1.50
** receptor	=B394+1 (sensitive receptor: C353)			
** DISCCART	406512.501164097	3758512.50565081	354.20	1.50
** receptor	=B395+1 (sensitive receptor: C354)			
** DISCCART	406512.501164097	3758487.50074049	351.00	1.50
** receptor	=B396+1 (sensitive receptor: C355)			
** DISCCART	406512.501164097	3758462.50582813	347.70	1.50
** receptor	=B397+1 (sensitive receptor: C356)			
** DISCCART	406512.501164097	3758437.50091781	344.40	1.50
** receptor	=B398+1 (sensitive receptor: C357)			
** DISCCART	406512.501164097	3758412.50600545	344.40	1.50
** receptor	=B399+1 (sensitive receptor: C358)			
** DISCCART	406512.501164097	3758387.50109513	344.40	1.50
** receptor	=B400+1 (sensitive receptor: C359)			
** DISCCART	406512.501164097	3758362.50618277	342.20	1.50
** receptor	=B401+1 (sensitive receptor: C360)			
** DISCCART	406512.501164097	3758337.50127244	341.10	1.50
** receptor	=B402+1 (sensitive receptor: C361)			
** DISCCART	406512.501164097	3758312.50636009	338.50	1.50
** receptor	=B403+1 (sensitive receptor: C362)			

Appendix B

PM Annual Emissions Mitigated

** DISCCART	406512.501164097	3758287.50144976	331.20	1.50
** receptor	=B404+1 (sensitive receptor: C363)			
** DISCCART	406512.501164097	3758262.50653741	321.40	1.50
** receptor	=B405+1 (sensitive receptor: C364)			
** DISCCART	406512.501164097	3758237.50162708	323.40	1.50
** receptor	=B406+1 (sensitive receptor: C365)			
** DISCCART	406512.501164097	3758212.50671473	334.40	1.50
** receptor	=B407+1 (sensitive receptor: C366)			
** DISCCART	406512.501164097	3758187.5018044	334.60	1.50
** receptor	=B408+1 (sensitive receptor: C367)			
** DISCCART	406512.501164097	3758162.50689204	334.60	1.50
** receptor	=B409+1 (sensitive receptor: C368)			
** DISCCART	406512.501164097	3758137.50198172	334.60	1.50
** receptor	=B410+1 (sensitive receptor: C369)			
** DISCCART	406537.502564003	3758512.50565081	355.80	1.50
** receptor	=B411+1 (sensitive receptor: C370)			
** DISCCART	406537.502564003	3758487.50074049	351.00	1.50
** receptor	=B412+1 (sensitive receptor: C371)			
** DISCCART	406537.502564003	3758462.50582813	347.70	1.50
** receptor	=B413+1 (sensitive receptor: C372)			
** DISCCART	406537.502564003	3758437.50091781	344.40	1.50
** receptor	=B414+1 (sensitive receptor: C373)			
** DISCCART	406537.502564003	3758412.50600545	344.40	1.50
** receptor	=B415+1 (sensitive receptor: C374)			
** DISCCART	406537.502564003	3758387.50109513	341.80	1.50
** receptor	=B416+1 (sensitive receptor: C375)			
** DISCCART	406537.502564003	3758362.50618277	339.80	1.50
** receptor	=B417+1 (sensitive receptor: C376)			
** DISCCART	406537.502564003	3758337.50127244	337.80	1.50
** receptor	=B418+1 (sensitive receptor: C377)			
** DISCCART	406537.502564003	3758312.50636009	336.10	1.50
** receptor	=B419+1 (sensitive receptor: C378)			
** DISCCART	406537.502564003	3758287.50144976	333.80	1.50
** receptor	=B420+1 (sensitive receptor: C379)			
** DISCCART	406537.502564003	3758262.50653741	334.50	1.50
** receptor	=B421+1 (sensitive receptor: C380)			
** DISCCART	406537.502564003	3758237.50162708	343.60	1.50
** receptor	=B422+1 (sensitive receptor: C381)			
** DISCCART	406537.502564003	3758212.50671473	340.70	1.50
** receptor	=B423+1 (sensitive receptor: C382)			
** DISCCART	406537.502564003	3758187.5018044	337.80	1.50
** receptor	=B424+1 (sensitive receptor: C383)			
** DISCCART	406537.502564003	3758162.50689204	335.80	1.50
** receptor	=B425+1 (sensitive receptor: C384)			
** DISCCART	406537.502564003	3758137.50198172	334.60	1.50
** receptor	=B426+1 (sensitive receptor: C385)			
** DISCCART	406562.495718064	3758512.50565081	356.30	1.50
** receptor	=B427+1 (sensitive receptor: C386)			
** DISCCART	406562.495718064	3758487.50074049	351.00	1.50
** receptor	=B428+1 (sensitive receptor: C387)			
** DISCCART	406562.495718064	3758462.50582813	347.20	1.50
** receptor	=B429+1 (sensitive receptor: C388)			
** DISCCART	406562.495718064	3758437.50091781	344.40	1.50
** receptor	=B430+1 (sensitive receptor: C389)			
** DISCCART	406562.495718064	3758412.50600545	341.10	1.50
** receptor	=B431+1 (sensitive receptor: C390)			
** DISCCART	406562.495718064	3758387.50109513	337.80	1.50
** receptor	=B432+1 (sensitive receptor: C391)			
** DISCCART	406562.495718064	3758362.50618277	337.80	1.50
** receptor	=B433+1 (sensitive receptor: C392)			
** DISCCART	406562.495718064	3758337.50127244	337.80	1.50
** receptor	=B434+1 (sensitive receptor: C393)			
** DISCCART	406562.495718064	3758312.50636009	338.80	1.50
** receptor	=B435+1 (sensitive receptor: C394)			
** DISCCART	406562.495718064	3758287.50144976	341.10	1.50
** receptor	=B436+1 (sensitive receptor: C395)			
** DISCCART	406562.495718064	3758262.50653741	343.30	1.50
** receptor	=B437+1 (sensitive receptor: C396)			
** DISCCART	406562.495718064	3758237.50162708	344.40	1.50
** receptor	=B438+1 (sensitive receptor: C397)			
** DISCCART	406562.495718064	3758212.50671473	342.00	1.50
** receptor	=B439+1 (sensitive receptor: C398)			
** DISCCART	406562.495718064	3758187.5018044	341.10	1.50
** receptor	=B440+1 (sensitive receptor: C399)			
** DISCCART	406562.495718064	3758162.50689204	338.80	1.50
** receptor	=B441+1 (sensitive receptor: C400)			

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** DISCCART	406562.495718064	3758137.50198172	337.80	1.50
** receptor	=B442+1 (sensitive receptor: C401)			
** DISCCART	406587.49711797	3758512.50565081	357.50	1.50
** receptor	=B443+1 (sensitive receptor: C402)			
** DISCCART	406587.49711797	3758487.50074049	351.60	1.50
** receptor	=B444+1 (sensitive receptor: C403)			
** DISCCART	406587.49711797	3758462.50582813	346.00	1.50
** receptor	=B445+1 (sensitive receptor: C404)			
** DISCCART	406587.49711797	3758437.50091781	341.10	1.50
** receptor	=B446+1 (sensitive receptor: C405)			
** DISCCART	406587.49711797	3758412.50600545	341.10	1.50
** receptor	=B447+1 (sensitive receptor: C406)			
** DISCCART	406587.49711797	3758387.50109513	340.30	1.50
** receptor	=B448+1 (sensitive receptor: C407)			
** DISCCART	406587.49711797	3758362.50618277	339.20	1.50
** receptor	=B449+1 (sensitive receptor: C408)			
** DISCCART	406587.49711797	3758337.50127244	340.50	1.50
** receptor	=B450+1 (sensitive receptor: C409)			
** DISCCART	406587.49711797	3758312.50636009	344.10	1.50
** receptor	=B451+1 (sensitive receptor: C410)			
** DISCCART	406587.49711797	3758287.50144976	344.40	1.50
** receptor	=B452+1 (sensitive receptor: C411)			
** DISCCART	406587.49711797	3758262.50653741	344.40	1.50
** receptor	=B453+1 (sensitive receptor: C412)			
** DISCCART	406587.49711797	3758237.50162708	344.40	1.50
** receptor	=B454+1 (sensitive receptor: C413)			
** DISCCART	406587.49711797	3758212.50671473	344.40	1.50
** receptor	=B455+1 (sensitive receptor: C414)			
** DISCCART	406587.49711797	3758187.5018044	343.70	1.50
** receptor	=B456+1 (sensitive receptor: C415)			
** DISCCART	406587.49711797	3758162.50689204	341.10	1.50
** receptor	=B457+1 (sensitive receptor: C416)			
** DISCCART	406587.49711797	3758137.50198172	340.40	1.50
** receptor	=B458+1 (sensitive receptor: C417)			
** DISCCART	406612.498517875	3758512.50565081	357.50	1.50
** receptor	=B459+1 (sensitive receptor: C418)			
** DISCCART	406612.498517875	3758487.50074049	350.90	1.50
** receptor	=B460+1 (sensitive receptor: C419)			
** DISCCART	406612.498517875	3758462.50582813	343.60	1.50
** receptor	=B461+1 (sensitive receptor: C420)			
** DISCCART	406612.498517875	3758437.50091781	341.10	1.50
** receptor	=B462+1 (sensitive receptor: C421)			
** DISCCART	406612.498517875	3758412.50600545	341.10	1.50
** receptor	=B463+1 (sensitive receptor: C422)			
** DISCCART	406612.498517875	3758387.50109513	338.80	1.50
** receptor	=B464+1 (sensitive receptor: C423)			
** DISCCART	406612.498517875	3758362.50618277	343.30	1.50
** receptor	=B465+1 (sensitive receptor: C424)			
** DISCCART	406612.498517875	3758337.50127244	346.30	1.50
** receptor	=B466+1 (sensitive receptor: C425)			
** DISCCART	406612.498517875	3758312.50636009	349.10	1.50
** receptor	=B467+1 (sensitive receptor: C426)			
** DISCCART	406612.498517875	3758287.50144976	348.60	1.50
** receptor	=B468+1 (sensitive receptor: C427)			
** DISCCART	406612.498517875	3758262.50653741	348.60	1.50
** receptor	=B469+1 (sensitive receptor: C428)			
** DISCCART	406612.498517875	3758237.50162708	347.70	1.50
** receptor	=B470+1 (sensitive receptor: C429)			
** DISCCART	406612.498517875	3758212.50671473	346.40	1.50
** receptor	=B471+1 (sensitive receptor: C430)			
** DISCCART	406612.498517875	3758187.5018044	344.40	1.50
** receptor	=B472+1 (sensitive receptor: C431)			
** DISCCART	406612.498517875	3758162.50689204	344.40	1.50
** receptor	=B473+1 (sensitive receptor: C432)			
** DISCCART	406612.498517875	3758137.50198172	344.40	1.50
** receptor	=B474+1 (sensitive receptor: C433)			
** DISCCART	406637.499917781	3758512.50565081	354.60	1.50
** receptor	=B475+1 (sensitive receptor: C434)			
** DISCCART	406637.499917781	3758487.50074049	350.90	1.50
** receptor	=B476+1 (sensitive receptor: C435)			
** DISCCART	406637.499917781	3758462.50582813	346.00	1.50
** receptor	=B477+1 (sensitive receptor: C436)			
** DISCCART	406637.499917781	3758437.50091781	341.10	1.50
** receptor	=B478+1 (sensitive receptor: C437)			
** DISCCART	406637.499917781	3758412.50600545	342.50	1.50
** receptor	=B479+1 (sensitive receptor: C438)			

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** DISCCART	406637.499917781	3758387.50109513	347.00	1.50
** receptor	=B480+1 (sensitive receptor: C439)			
** DISCCART	406637.499917781	3758362.50618277	352.00	1.50
** receptor	=B481+1 (sensitive receptor: C440)			
** DISCCART	406637.499917781	3758337.50127244	356.80	1.50
** receptor	=B482+1 (sensitive receptor: C441)			
** DISCCART	406637.499917781	3758312.50636009	357.10	1.50
** receptor	=B483+1 (sensitive receptor: C442)			
** DISCCART	406637.499917781	3758287.50144976	354.20	1.50
** receptor	=B484+1 (sensitive receptor: C443)			
** DISCCART	406637.499917781	3758262.50653741	352.20	1.50
** receptor	=B485+1 (sensitive receptor: C444)			
** DISCCART	406637.499917781	3758237.50162708	350.20	1.50
** receptor	=B486+1 (sensitive receptor: C445)			
** DISCCART	406637.499917781	3758212.50671473	347.70	1.50
** receptor	=B487+1 (sensitive receptor: C446)			
** DISCCART	406637.499917781	3758187.5018044	346.90	1.50
** receptor	=B488+1 (sensitive receptor: C447)			
** DISCCART	406637.499917781	3758162.50689204	344.40	1.50
** receptor	=B489+1 (sensitive receptor: C448)			
** DISCCART	406637.499917781	3758137.50198172	344.40	1.50
** receptor	=B490+1 (sensitive receptor: C449)			
** DISCCART	406662.501317687	3758512.50565081	357.50	1.50
** receptor	=B491+1 (sensitive receptor: C450)			
** DISCCART	406662.501317687	3758487.50074049	354.30	1.50
** receptor	=B492+1 (sensitive receptor: C451)			
** DISCCART	406662.501317687	3758462.50582813	351.80	1.50
** receptor	=B493+1 (sensitive receptor: C452)			
** DISCCART	406662.501317687	3758437.50091781	352.00	1.50
** receptor	=B494+1 (sensitive receptor: C453)			
** DISCCART	406662.501317687	3758412.50600545	355.20	1.50
** receptor	=B495+1 (sensitive receptor: C454)			
** DISCCART	406662.501317687	3758387.50109513	355.20	1.50
** receptor	=B496+1 (sensitive receptor: C455)			
** DISCCART	406662.501317687	3758362.50618277	358.40	1.50
** receptor	=B497+1 (sensitive receptor: C456)			
** DISCCART	406662.501317687	3758337.50127244	360.80	1.50
** receptor	=B498+1 (sensitive receptor: C457)			
** DISCCART	406662.501317687	3758312.50636009	359.60	1.50
** receptor	=B499+1 (sensitive receptor: C458)			
** DISCCART	406662.501317687	3758287.50144976	357.50	1.50
** receptor	=B500+1 (sensitive receptor: C459)			
** DISCCART	406662.501317687	3758262.50653741	354.20	1.50
** receptor	=B501+1 (sensitive receptor: C460)			
** DISCCART	406662.501317687	3758237.50162708	351.90	1.50
** receptor	=B502+1 (sensitive receptor: C461)			
** DISCCART	406662.501317687	3758212.50671473	351.00	1.50
** receptor	=B503+1 (sensitive receptor: C462)			
** DISCCART	406662.501317687	3758187.5018044	347.70	1.50
** receptor	=B504+1 (sensitive receptor: C463)			
** DISCCART	406662.501317687	3758162.50689204	347.70	1.50
** receptor	=B505+1 (sensitive receptor: C464)			
** DISCCART	406662.501317687	3758137.50198172	344.40	1.50
** receptor	=B506+1 (sensitive receptor: C465)			
** DISCCART	406687.502717592	3758512.50565081	357.50	1.50
** receptor	=B507+1 (sensitive receptor: C466)			
** DISCCART	406687.502717592	3758487.50074049	357.50	1.50
** receptor	=B508+1 (sensitive receptor: C467)			
** DISCCART	406687.502717592	3758462.50582813	357.50	1.50
** receptor	=B509+1 (sensitive receptor: C468)			
** DISCCART	406687.502717592	3758437.50091781	360.10	1.50
** receptor	=B510+1 (sensitive receptor: C469)			
** DISCCART	406687.502717592	3758412.50600545	360.80	1.50
** receptor	=B511+1 (sensitive receptor: C470)			
** DISCCART	406687.502717592	3758387.50109513	360.10	1.50
** receptor	=B512+1 (sensitive receptor: C471)			
** DISCCART	406687.502717592	3758362.50618277	362.10	1.50
** receptor	=B513+1 (sensitive receptor: C472)			
** DISCCART	406687.502717592	3758337.50127244	363.30	1.50
** receptor	=B514+1 (sensitive receptor: C473)			
** DISCCART	406687.502717592	3758312.50636009	360.80	1.50
** receptor	=B515+1 (sensitive receptor: C474)			
** DISCCART	406687.502717592	3758287.50144976	357.50	1.50
** receptor	=B516+1 (sensitive receptor: C475)			
** DISCCART	406687.502717592	3758262.50653741	355.80	1.50
** receptor	=B517+1 (sensitive receptor: C476)			

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** DISCCART	406687.502717592	3758237.50162708	354.20	1.50
** receptor	=B518+1 (sensitive receptor: C477)			
** DISCCART	406687.502717592	3758212.50671473	351.00	1.50
** receptor	=B519+1 (sensitive receptor: C478)			
** DISCCART	406687.502717592	3758187.5018044	350.90	1.50
** receptor	=B520+1 (sensitive receptor: C479)			
** DISCCART	406687.502717592	3758162.50689204	347.70	1.50
** receptor	=B521+1 (sensitive receptor: C480)			
** DISCCART	406687.502717592	3758137.50198172	344.40	1.50
** receptor	=B522+1 (sensitive receptor: C481)			
** DISCCART	406712.495871654	3758512.50565081	357.50	1.50
** receptor	=B523+1 (sensitive receptor: C482)			
** DISCCART	406712.495871654	3758487.50074049	358.50	1.50
** receptor	=B524+1 (sensitive receptor: C483)			
** DISCCART	406712.495871654	3758462.50582813	360.80	1.50
** receptor	=B525+1 (sensitive receptor: C484)			
** DISCCART	406712.495871654	3758437.50091781	361.70	1.50
** receptor	=B526+1 (sensitive receptor: C485)			
** DISCCART	406712.495871654	3758412.50600545	364.10	1.50
** receptor	=B527+1 (sensitive receptor: C486)			
** DISCCART	406712.495871654	3758387.50109513	364.10	1.50
** receptor	=B528+1 (sensitive receptor: C487)			
** DISCCART	406712.495871654	3758362.50618277	364.10	1.50
** receptor	=B529+1 (sensitive receptor: C488)			
** DISCCART	406712.495871654	3758337.50127244	364.00	1.50
** receptor	=B530+1 (sensitive receptor: C489)			
** DISCCART	406712.495871654	3758312.50636009	360.80	1.50
** receptor	=B531+1 (sensitive receptor: C490)			
** DISCCART	406712.495871654	3758287.50144976	357.50	1.50
** receptor	=B532+1 (sensitive receptor: C491)			
** DISCCART	406712.495871654	3758262.50653741	357.50	1.50
** receptor	=B533+1 (sensitive receptor: C492)			
** DISCCART	406712.495871654	3758237.50162708	354.20	1.50
** receptor	=B534+1 (sensitive receptor: C493)			
** DISCCART	406712.495871654	3758212.50671473	354.20	1.50
** receptor	=B535+1 (sensitive receptor: C494)			
** DISCCART	406712.495871654	3758187.5018044	351.00	1.50
** receptor	=B536+1 (sensitive receptor: C495)			
** DISCCART	406712.495871654	3758162.50689204	348.10	1.50
** receptor	=B537+1 (sensitive receptor: C496)			
** DISCCART	406712.495871654	3758137.50198172	344.40	1.50
** receptor	=B538+1 (sensitive receptor: C497)			
** DISCCART	406737.497271559	3758512.50565081	359.20	1.50
** receptor	=B539+1 (sensitive receptor: C498)			
** DISCCART	406737.497271559	3758487.50074049	360.90	1.50
** receptor	=B540+1 (sensitive receptor: C499)			
** DISCCART	406737.497271559	3758462.50582813	363.70	1.50
** receptor	=B541+1 (sensitive receptor: C500)			
** DISCCART	406737.497271559	3758437.50091781	364.10	1.50
** receptor	=B542+1 (sensitive receptor: C501)			
** DISCCART	406737.497271559	3758412.50600545	365.40	1.50
** receptor	=B543+1 (sensitive receptor: C502)			
** DISCCART	406737.497271559	3758387.50109513	366.70	1.50
** receptor	=B544+1 (sensitive receptor: C503)			
** DISCCART	406737.497271559	3758362.50618277	367.40	1.50
** receptor	=B545+1 (sensitive receptor: C504)			
** DISCCART	406737.497271559	3758337.50127244	364.10	1.50
** receptor	=B546+1 (sensitive receptor: C505)			
** DISCCART	406737.497271559	3758312.50636009	362.00	1.50
** receptor	=B547+1 (sensitive receptor: C506)			
** DISCCART	406737.497271559	3758287.50144976	360.80	1.50
** receptor	=B548+1 (sensitive receptor: C507)			
** DISCCART	406737.497271559	3758262.50653741	357.50	1.50
** receptor	=B549+1 (sensitive receptor: C508)			
** DISCCART	406737.497271559	3758237.50162708	357.50	1.50
** receptor	=B550+1 (sensitive receptor: C509)			
** DISCCART	406737.497271559	3758212.50671473	354.20	1.50
** receptor	=B551+1 (sensitive receptor: C510)			
** DISCCART	406737.497271559	3758187.5018044	351.00	1.50
** receptor	=B552+1 (sensitive receptor: C511)			
** DISCCART	406737.497271559	3758162.50689204	347.70	1.50
** receptor	=B553+1 (sensitive receptor: C512)			
** DISCCART	406737.497271559	3758137.50198172	344.40	1.50
** receptor	=B554+1 (sensitive receptor: C513)			
** DISCCART	406762.498671465	3758512.50565081	360.80	1.50
** receptor	=B555+1 (sensitive receptor: C514)			

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** DISCCART	406762.498671465	3758487.50074049	364.10	1.50
** receptor	=B556+1 (sensitive receptor: C515)			
** DISCCART	406762.498671465	3758462.50582813	365.00	1.50
** receptor	=B557+1 (sensitive receptor: C516)			
** DISCCART	406762.498671465	3758437.50091781	367.40	1.50
** receptor	=B558+1 (sensitive receptor: C517)			
** DISCCART	406762.498671465	3758412.50600545	367.40	1.50
** receptor	=B559+1 (sensitive receptor: C518)			
** DISCCART	406762.498671465	3758387.50109513	367.40	1.50
** receptor	=B560+1 (sensitive receptor: C519)			
** DISCCART	406762.498671465	3758362.50618277	368.30	1.50
** receptor	=B561+1 (sensitive receptor: C520)			
** DISCCART	406762.498671465	3758337.50127244	367.30	1.50
** receptor	=B562+1 (sensitive receptor: C521)			
** DISCCART	406762.498671465	3758312.50636009	364.50	1.50
** receptor	=B563+1 (sensitive receptor: C522)			
** DISCCART	406762.498671465	3758287.50144976	361.70	1.50
** receptor	=B564+1 (sensitive receptor: C523)			
** DISCCART	406762.498671465	3758262.50653741	360.80	1.50
** receptor	=B565+1 (sensitive receptor: C524)			
** DISCCART	406762.498671465	3758237.50162708	357.50	1.50
** receptor	=B566+1 (sensitive receptor: C525)			
** DISCCART	406762.498671465	3758212.50671473	356.30	1.50
** receptor	=B567+1 (sensitive receptor: C526)			
** DISCCART	406762.498671465	3758187.5018044	351.00	1.50
** receptor	=B568+1 (sensitive receptor: C527)			
** DISCCART	406762.498671465	3758162.50689204	347.70	1.50
** receptor	=B569+1 (sensitive receptor: C528)			
** DISCCART	406762.498671465	3758137.50198172	344.40	1.50
** receptor	=B570+1 (sensitive receptor: C529)			
** DISCCART	406787.50007137	3758512.50565081	360.80	1.50
** receptor	=B571+1 (sensitive receptor: C530)			
** DISCCART	406787.50007137	3758487.50074049	364.20	1.50
** receptor	=B572+1 (sensitive receptor: C531)			
** DISCCART	406787.50007137	3758462.50582813	367.40	1.50
** receptor	=B573+1 (sensitive receptor: C532)			
** DISCCART	406787.50007137	3758437.50091781	369.90	1.50
** receptor	=B574+1 (sensitive receptor: C533)			
** DISCCART	406787.50007137	3758412.50600545	370.60	1.50
** receptor	=B575+1 (sensitive receptor: C534)			
** DISCCART	406787.50007137	3758387.50109513	370.70	1.50
** receptor	=B576+1 (sensitive receptor: C535)			
** DISCCART	406787.50007137	3758362.50618277	371.90	1.50
** receptor	=B577+1 (sensitive receptor: C536)			
** DISCCART	406787.50007137	3758337.50127244	369.90	1.50
** receptor	=B578+1 (sensitive receptor: C537)			
** DISCCART	406787.50007137	3758312.50636009	367.40	1.50
** receptor	=B579+1 (sensitive receptor: C538)			
** DISCCART	406787.50007137	3758287.50144976	366.60	1.50
** receptor	=B580+1 (sensitive receptor: C539)			
** DISCCART	406787.50007137	3758262.50653741	362.00	1.50
** receptor	=B581+1 (sensitive receptor: C540)			
** DISCCART	406787.50007137	3758237.50162708	360.70	1.50
** receptor	=B582+1 (sensitive receptor: C541)			
** DISCCART	406787.50007137	3758212.50671473	357.50	1.50
** receptor	=B583+1 (sensitive receptor: C542)			
** DISCCART	406787.50007137	3758187.5018044	351.00	1.50
** receptor	=B584+1 (sensitive receptor: C543)			
** DISCCART	406787.50007137	3758162.50689204	347.70	1.50
** receptor	=B585+1 (sensitive receptor: C544)			
** DISCCART	406787.50007137	3758137.50198172	341.80	1.50
** receptor	=B586+1 (sensitive receptor: C545)			
** DISCCART	406812.501471276	3758512.50565081	363.00	1.50
** receptor	=B587+1 (sensitive receptor: C546)			
** DISCCART	406812.501471276	3758487.50074049	367.40	1.50
** receptor	=B588+1 (sensitive receptor: C547)			
** DISCCART	406812.501471276	3758462.50582813	369.50	1.50
** receptor	=B589+1 (sensitive receptor: C548)			
** DISCCART	406812.501471276	3758437.50091781	371.60	1.50
** receptor	=B590+1 (sensitive receptor: C549)			
** DISCCART	406812.501471276	3758412.50600545	374.40	1.50
** receptor	=B591+1 (sensitive receptor: C550)			
** DISCCART	406812.501471276	3758387.50109513	374.80	1.50
** receptor	=B592+1 (sensitive receptor: C551)			
** DISCCART	406812.501471276	3758362.50618277	374.80	1.50
** receptor	=B593+1 (sensitive receptor: C552)			

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** DISCCART	406812.501471276	3758337.50127244	373.90	1.50
** receptor	=B594+1 (sensitive receptor: C553)			
** DISCCART	406812.501471276	3758312.50636009	369.40	1.50
** receptor	=B595+1 (sensitive receptor: C554)			
** DISCCART	406812.501471276	3758287.50144976	367.40	1.50
** receptor	=B596+1 (sensitive receptor: C555)			
** DISCCART	406812.501471276	3758262.50653741	364.50	1.50
** receptor	=B597+1 (sensitive receptor: C556)			
** DISCCART	406812.501471276	3758237.50162708	360.80	1.50
** receptor	=B598+1 (sensitive receptor: C557)			
** DISCCART	406812.501471276	3758212.50671473	357.50	1.50
** receptor	=B599+1 (sensitive receptor: C558)			
** DISCCART	406812.501471276	3758187.5018044	354.20	1.50
** receptor	=B600+1 (sensitive receptor: C559)			
** DISCCART	406812.501471276	3758162.50689204	346.00	1.50
** receptor	=B601+1 (sensitive receptor: C560)			
** DISCCART	406812.501471276	3758137.50198172	341.10	1.50
** receptor	=B602+1 (sensitive receptor: C561)			
** DISCCART	406837.502871182	3758512.50565081	366.60	1.50
** receptor	=B603+1 (sensitive receptor: C562)			
** DISCCART	406837.502871182	3758487.50074049	367.40	1.50
** receptor	=B604+1 (sensitive receptor: C563)			
** DISCCART	406837.502871182	3758462.50582813	370.60	1.50
** receptor	=B605+1 (sensitive receptor: C564)			
** DISCCART	406837.502871182	3758437.50091781	374.00	1.50
** receptor	=B606+1 (sensitive receptor: C565)			
** DISCCART	406837.502871182	3758412.50600545	378.50	1.50
** receptor	=B607+1 (sensitive receptor: C566)			
** DISCCART	406837.502871182	3758387.50109513	379.80	1.50
** receptor	=B608+1 (sensitive receptor: C567)			
** DISCCART	406837.502871182	3758362.50618277	378.40	1.50
** receptor	=B609+1 (sensitive receptor: C568)			
** DISCCART	406837.502871182	3758337.50127244	377.20	1.50
** receptor	=B610+1 (sensitive receptor: C569)			
** DISCCART	406837.502871182	3758312.50636009	373.50	1.50
** receptor	=B611+1 (sensitive receptor: C570)			
** DISCCART	406837.502871182	3758287.50144976	367.40	1.50
** receptor	=B612+1 (sensitive receptor: C571)			
** DISCCART	406837.502871182	3758262.50653741	362.70	1.50
** receptor	=B613+1 (sensitive receptor: C572)			
** DISCCART	406837.502871182	3758237.50162708	358.20	1.50
** receptor	=B614+1 (sensitive receptor: C573)			
** DISCCART	406837.502871182	3758212.50671473	357.50	1.50
** receptor	=B615+1 (sensitive receptor: C574)			
** DISCCART	406837.502871182	3758187.5018044	354.20	1.50
** receptor	=B616+1 (sensitive receptor: C575)			
** DISCCART	406837.502871182	3758162.50689204	348.50	1.50
** receptor	=B617+1 (sensitive receptor: C576)			
** DISCCART	406837.502871182	3758137.50198172	343.70	1.50
** receptor	=B618+1 (sensitive receptor: C577)			
** DISCCART	406862.496025243	3758512.50565081	368.30	1.50
** receptor	=B619+1 (sensitive receptor: C578)			
** DISCCART	406862.496025243	3758487.50074049	370.70	1.50
** receptor	=B620+1 (sensitive receptor: C579)			
** DISCCART	406862.496025243	3758462.50582813	373.90	1.50
** receptor	=B621+1 (sensitive receptor: C580)			
** DISCCART	406862.496025243	3758437.50091781	377.20	1.50
** receptor	=B622+1 (sensitive receptor: C581)			
** DISCCART	406862.496025243	3758412.50600545	380.50	1.50
** receptor	=B623+1 (sensitive receptor: C582)			
** DISCCART	406862.496025243	3758387.50109513	381.40	1.50
** receptor	=B624+1 (sensitive receptor: C583)			
** DISCCART	406862.496025243	3758362.50618277	380.50	1.50
** receptor	=B625+1 (sensitive receptor: C584)			
** DISCCART	406862.496025243	3758337.50127244	380.40	1.50
** receptor	=B626+1 (sensitive receptor: C585)			
** DISCCART	406862.496025243	3758312.50636009	375.50	1.50
** receptor	=B627+1 (sensitive receptor: C586)			
** DISCCART	406862.496025243	3758287.50144976	364.00	1.50
** receptor	=B628+1 (sensitive receptor: C587)			
** DISCCART	406862.496025243	3758262.50653741	358.60	1.50
** receptor	=B629+1 (sensitive receptor: C588)			
** DISCCART	406862.496025243	3758237.50162708	358.40	1.50
** receptor	=B630+1 (sensitive receptor: C589)			
** DISCCART	406862.496025243	3758212.50671473	358.40	1.50
** receptor	=B631+1 (sensitive receptor: C590)			

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** DISCCART	406862.496025243	3758187.5018044	357.50	1.50
** receptor	=B632+1 (sensitive receptor: C591)			
** DISCCART	406862.496025243	3758162.50689204	357.50	1.50
** receptor	=B633+1 (sensitive receptor: C592)			
** DISCCART	406862.496025243	3758137.50198172	355.20	1.50
** receptor	=B634+1 (sensitive receptor: C593)			
** DISCCART	406887.497425149	3758512.50565081	373.20	1.50
** receptor	=B635+1 (sensitive receptor: C594)			
** DISCCART	406887.497425149	3758487.50074049	373.90	1.50
** receptor	=B636+1 (sensitive receptor: C595)			
** DISCCART	406887.497425149	3758462.50582813	375.30	1.50
** receptor	=B637+1 (sensitive receptor: C596)			
** DISCCART	406887.497425149	3758437.50091781	379.80	1.50
** receptor	=B638+1 (sensitive receptor: C597)			
** DISCCART	406887.497425149	3758412.50600545	381.80	1.50
** receptor	=B639+1 (sensitive receptor: C598)			
** DISCCART	406887.497425149	3758387.50109513	383.80	1.50
** receptor	=B640+1 (sensitive receptor: C599)			
** DISCCART	406887.497425149	3758362.50618277	383.40	1.50
** receptor	=B641+1 (sensitive receptor: C600)			
** DISCCART	406887.497425149	3758337.50127244	380.50	1.50
** receptor	=B642+1 (sensitive receptor: C601)			
** DISCCART	406887.497425149	3758312.50636009	370.50	1.50
** receptor	=B643+1 (sensitive receptor: C602)			
** DISCCART	406887.497425149	3758287.50144976	358.20	1.50
** receptor	=B644+1 (sensitive receptor: C603)			
** DISCCART	406887.497425149	3758262.50653741	360.10	1.50
** receptor	=B645+1 (sensitive receptor: C604)			
** DISCCART	406887.497425149	3758237.50162708	363.40	1.50
** receptor	=B646+1 (sensitive receptor: C605)			
** DISCCART	406887.497425149	3758212.50671473	366.60	1.50
** receptor	=B647+1 (sensitive receptor: C606)			
** DISCCART	406887.497425149	3758187.5018044	365.90	1.50
** receptor	=B648+1 (sensitive receptor: C607)			
** DISCCART	406887.497425149	3758162.50689204	365.90	1.50
** receptor	=B649+1 (sensitive receptor: C608)			
** DISCCART	406887.497425149	3758137.50198172	366.60	1.50
** receptor	=B650+1 (sensitive receptor: C609)			
** DISCCART	406912.498825054	3758512.50565081	376.10	1.50
** receptor	=B651+1 (sensitive receptor: C610)			
** DISCCART	406912.498825054	3758487.50074049	377.20	1.50
** receptor	=B652+1 (sensitive receptor: C611)			
** DISCCART	406912.498825054	3758462.50582813	377.20	1.50
** receptor	=B653+1 (sensitive receptor: C612)			
** DISCCART	406912.498825054	3758437.50091781	380.50	1.50
** receptor	=B654+1 (sensitive receptor: C613)			
** DISCCART	406912.498825054	3758412.50600545	385.50	1.50
** receptor	=B655+1 (sensitive receptor: C614)			
** DISCCART	406912.498825054	3758387.50109513	387.00	1.50
** receptor	=B656+1 (sensitive receptor: C615)			
** DISCCART	406912.498825054	3758362.50618277	383.80	1.50
** receptor	=B657+1 (sensitive receptor: C616)			
** DISCCART	406912.498825054	3758337.50127244	380.40	1.50
** receptor	=B658+1 (sensitive receptor: C617)			
** DISCCART	406912.498825054	3758312.50636009	366.30	1.50
** receptor	=B659+1 (sensitive receptor: C618)			
** DISCCART	406912.498825054	3758287.50144976	357.60	1.50
** receptor	=B660+1 (sensitive receptor: C619)			
** DISCCART	406912.498825054	3758262.50653741	367.20	1.50
** receptor	=B661+1 (sensitive receptor: C620)			
** DISCCART	406912.498825054	3758237.50162708	375.80	1.50
** receptor	=B662+1 (sensitive receptor: C621)			
** DISCCART	406912.498825054	3758212.50671473	376.90	1.50
** receptor	=B663+1 (sensitive receptor: C622)			
** DISCCART	406912.498825054	3758187.5018044	375.80	1.50
** receptor	=B664+1 (sensitive receptor: C623)			
** DISCCART	406912.498825054	3758162.50689204	375.80	1.50
** receptor	=B665+1 (sensitive receptor: C624)			
** DISCCART	406912.498825054	3758137.50198172	375.80	1.50
** receptor	=B666+1 (sensitive receptor: C625)			
** DISCCART	406937.50022496	3758512.50565081	380.50	1.50
** receptor	=B667+1 (sensitive receptor: C626)			
** DISCCART	406937.50022496	3758487.50074049	380.50	1.50
** receptor	=B668+1 (sensitive receptor: C627)			
** DISCCART	406937.50022496	3758462.50582813	380.10	1.50
** receptor	=B669+1 (sensitive receptor: C628)			

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DISCCART	406937.50022496	3758437.50091781	380.60	1.50
** receptor	=B670+1 (sensitive receptor: C629)			
DISCCART	406937.50022496	3758412.50600545	386.70	1.50
** receptor	=B671+1 (sensitive receptor: C630)			
DISCCART	406937.50022496	3758387.50109513	387.00	1.50
** receptor	=B672+1 (sensitive receptor: C631)			
DISCCART	406937.50022496	3758362.50618277	383.80	1.50
** receptor	=B673+1 (sensitive receptor: C632)			
DISCCART	406937.50022496	3758337.50127244	377.80	1.50
** receptor	=B674+1 (sensitive receptor: C633)			
DISCCART	406937.50022496	3758312.50636009	367.00	1.50
** receptor	=B675+1 (sensitive receptor: C634)			
DISCCART	406937.50022496	3758287.50144976	371.90	1.50
** receptor	=B676+1 (sensitive receptor: C635)			
DISCCART	406937.50022496	3758262.50653741	381.10	1.50
** receptor	=B677+1 (sensitive receptor: C636)			
DISCCART	406937.50022496	3758237.50162708	389.70	1.50
** receptor	=B678+1 (sensitive receptor: C637)			
DISCCART	406937.50022496	3758212.50671473	392.20	1.50
** receptor	=B679+1 (sensitive receptor: C638)			
DISCCART	406937.50022496	3758187.5018044	392.20	1.50
** receptor	=B680+1 (sensitive receptor: C639)			
DISCCART	406937.50022496	3758162.50689204	390.10	1.50
** receptor	=B681+1 (sensitive receptor: C640)			
DISCCART	406937.50022496	3758137.50198172	386.30	1.50
** receptor	=B682+1 (sensitive receptor: C641)			
DISCCART	406962.501624865	3758512.50565081	388.90	1.50
** receptor	=B683+1 (sensitive receptor: C642)			
DISCCART	406962.501624865	3758487.50074049	388.90	1.50
** receptor	=B684+1 (sensitive receptor: C643)			
DISCCART	406962.501624865	3758462.50582813	388.90	1.50
** receptor	=B685+1 (sensitive receptor: C644)			
DISCCART	406962.501624865	3758437.50091781	388.00	1.50
** receptor	=B686+1 (sensitive receptor: C645)			
DISCCART	406962.501624865	3758412.50600545	391.20	1.50
** receptor	=B687+1 (sensitive receptor: C646)			
DISCCART	406962.501624865	3758387.50109513	390.20	1.50
** receptor	=B688+1 (sensitive receptor: C647)			
DISCCART	406962.501624865	3758362.50618277	381.60	1.50
** receptor	=B689+1 (sensitive receptor: C648)			
DISCCART	406962.501624865	3758337.50127244	377.10	1.50
** receptor	=B690+1 (sensitive receptor: C649)			
DISCCART	406962.501624865	3758312.50636009	377.80	1.50
** receptor	=B691+1 (sensitive receptor: C650)			
DISCCART	406962.501624865	3758287.50144976	384.80	1.50
** receptor	=B692+1 (sensitive receptor: C651)			
DISCCART	406962.501624865	3758262.50653741	397.20	1.50
** receptor	=B693+1 (sensitive receptor: C652)			
DISCCART	406962.501624865	3758237.50162708	401.10	1.50
** receptor	=B694+1 (sensitive receptor: C653)			
DISCCART	406962.501624865	3758212.50671473	402.20	1.50
** receptor	=B695+1 (sensitive receptor: C654)			
DISCCART	406962.501624865	3758187.5018044	403.40	1.50
** receptor	=B696+1 (sensitive receptor: C655)			
DISCCART	406962.501624865	3758162.50689204	398.40	1.50
** receptor	=B697+1 (sensitive receptor: C656)			
DISCCART	406962.501624865	3758137.50198172	390.20	1.50
** receptor	=B698+1 (sensitive receptor: C657)			
DISCCART	406987.503024771	3758512.50565081	399.10	1.50
** receptor	=B699+1 (sensitive receptor: C658)			
DISCCART	406987.503024771	3758487.50074049	399.40	1.50
** receptor	=B700+1 (sensitive receptor: C659)			
DISCCART	406987.503024771	3758462.50582813	396.20	1.50
** receptor	=B701+1 (sensitive receptor: C660)			
DISCCART	406987.503024771	3758437.50091781	396.20	1.50
** receptor	=B702+1 (sensitive receptor: C661)			
DISCCART	406987.503024771	3758412.50600545	394.80	1.50
** receptor	=B703+1 (sensitive receptor: C662)			
DISCCART	406987.503024771	3758387.50109513	390.20	1.50
** receptor	=B704+1 (sensitive receptor: C663)			
DISCCART	406987.503024771	3758362.50618277	380.50	1.50
** receptor	=B705+1 (sensitive receptor: C664)			
DISCCART	406987.503024771	3758337.50127244	377.20	1.50
** receptor	=B706+1 (sensitive receptor: C665)			
DISCCART	406987.503024771	3758312.50636009	378.90	1.50
** receptor	=B707+1 (sensitive receptor: C666)			

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** receptor	DISCCART	406987.503024771	3758287.50144976	390.50	1.50
** receptor	=B708+1 (sensitive receptor: C667)				
** receptor	DISCCART	406987.503024771	3758262.50653741	403.10	1.50
** receptor	=B709+1 (sensitive receptor: C668)				
** receptor	DISCCART	406987.503024771	3758237.50162708	403.40	1.50
** receptor	=B710+1 (sensitive receptor: C669)				
** receptor	DISCCART	406987.503024771	3758212.50671473	403.80	1.50
** receptor	=B711+1 (sensitive receptor: C670)				
** receptor	DISCCART	406987.503024771	3758187.5018044	400.80	1.50
** receptor	=B712+1 (sensitive receptor: C671)				
** receptor	DISCCART	406987.503024771	3758162.50689204	391.30	1.50
** receptor	=B713+1 (sensitive receptor: C672)				
** receptor	DISCCART	406987.503024771	3758137.50198172	381.10	1.50
** receptor	=B714+1 (sensitive receptor: C673)				
** receptor	DISCCART	407012.504424677	3758512.50565081	403.40	1.50
** receptor	=B715+1 (sensitive receptor: C674)				
** receptor	DISCCART	407012.504424677	3758487.50074049	403.40	1.50
** receptor	=B716+1 (sensitive receptor: C675)				
** receptor	DISCCART	407012.504424677	3758462.50582813	403.40	1.50
** receptor	=B717+1 (sensitive receptor: C676)				
** receptor	DISCCART	407012.504424677	3758437.50091781	401.10	1.50
** receptor	=B718+1 (sensitive receptor: C677)				
** receptor	DISCCART	407012.504424677	3758412.50600545	398.40	1.50
** receptor	=B719+1 (sensitive receptor: C678)				
** receptor	DISCCART	407012.504424677	3758387.50109513	393.50	1.50
** receptor	=B720+1 (sensitive receptor: C679)				
** receptor	DISCCART	407012.504424677	3758362.50618277	387.70	1.50
** receptor	=B721+1 (sensitive receptor: C680)				
** receptor	DISCCART	407012.504424677	3758337.50127244	388.90	1.50
** receptor	=B722+1 (sensitive receptor: C681)				
** receptor	DISCCART	407012.504424677	3758312.50636009	388.90	1.50
** receptor	=B723+1 (sensitive receptor: C682)				
** receptor	DISCCART	407012.504424677	3758287.50144976	397.90	1.50
** receptor	=B724+1 (sensitive receptor: C683)				
** receptor	DISCCART	407012.504424677	3758262.50653741	402.50	1.50
** receptor	=B725+1 (sensitive receptor: C684)				
** receptor	DISCCART	407012.504424677	3758237.50162708	400.20	1.50
** receptor	=B726+1 (sensitive receptor: C685)				
** receptor	DISCCART	407012.504424677	3758212.50671473	398.40	1.50
** receptor	=B727+1 (sensitive receptor: C686)				
** receptor	DISCCART	407012.504424677	3758187.5018044	390.20	1.50
** receptor	=B728+1 (sensitive receptor: C687)				
** receptor	DISCCART	407012.504424677	3758162.50689204	379.30	1.50
** receptor	=B729+1 (sensitive receptor: C688)				
** receptor	DISCCART	407012.504424677	3758137.50198172	379.00	1.50
** receptor	=B730+1 (sensitive receptor: C689)				
** receptor	DISCCART	407037.497578738	3758512.50565081	404.80	1.50
** receptor	=B731+1 (sensitive receptor: C690)				
** receptor	DISCCART	407037.497578738	3758487.50074049	406.70	1.50
** receptor	=B732+1 (sensitive receptor: C691)				
** receptor	DISCCART	407037.497578738	3758462.50582813	406.30	1.50
** receptor	=B733+1 (sensitive receptor: C692)				
** receptor	DISCCART	407037.497578738	3758437.50091781	405.90	1.50
** receptor	=B734+1 (sensitive receptor: C693)				
** receptor	DISCCART	407037.497578738	3758412.50600545	403.10	1.50
** receptor	=B735+1 (sensitive receptor: C694)				
** receptor	DISCCART	407037.497578738	3758387.50109513	399.40	1.50
** receptor	=B736+1 (sensitive receptor: C695)				
** receptor	DISCCART	407037.497578738	3758362.50618277	399.40	1.50
** receptor	=B737+1 (sensitive receptor: C696)				
** receptor	DISCCART	407037.497578738	3758337.50127244	402.70	1.50
** receptor	=B738+1 (sensitive receptor: C697)				
** receptor	DISCCART	407037.497578738	3758312.50636009	402.70	1.50
** receptor	=B739+1 (sensitive receptor: C698)				
** receptor	DISCCART	407037.497578738	3758287.50144976	402.70	1.50
** receptor	=B740+1 (sensitive receptor: C699)				
** receptor	DISCCART	407037.497578738	3758262.50653741	400.20	1.50
** receptor	=B741+1 (sensitive receptor: C700)				
** receptor	DISCCART	407037.497578738	3758237.50162708	397.60	1.50
** receptor	=B742+1 (sensitive receptor: C701)				
** receptor	DISCCART	407037.497578738	3758212.50671473	396.50	1.50
** receptor	=B743+1 (sensitive receptor: C702)				
** receptor	DISCCART	407037.497578738	3758187.5018044	398.00	1.50
** receptor	=B744+1 (sensitive receptor: C703)				
** receptor	DISCCART	407037.497578738	3758162.50689204	398.70	1.50
** receptor	=B745+1 (sensitive receptor: C704)				

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** DISCCART	407037.497578738	3758137.50198172	398.70	1.50
** receptor	=B746+1 (sensitive receptor: C705)			
** DISCCART	407062.498978644	3758512.50565081	406.10	1.50
** receptor	=B747+1 (sensitive receptor: C706)			
** DISCCART	407062.498978644	3758487.50074049	410.90	1.50
** receptor	=B748+1 (sensitive receptor: C707)			
** DISCCART	407062.498978644	3758462.50582813	410.90	1.50
** receptor	=B749+1 (sensitive receptor: C708)			
** DISCCART	407062.498978644	3758437.50091781	410.80	1.50
** receptor	=B750+1 (sensitive receptor: C709)			
** DISCCART	407062.498978644	3758412.50600545	407.60	1.50
** receptor	=B751+1 (sensitive receptor: C710)			
** DISCCART	407062.498978644	3758387.50109513	404.40	1.50
** receptor	=B752+1 (sensitive receptor: C711)			
** DISCCART	407062.498978644	3758362.50618277	404.40	1.50
** receptor	=B753+1 (sensitive receptor: C712)			
** DISCCART	407062.498978644	3758337.50127244	406.70	1.50
** receptor	=B754+1 (sensitive receptor: C713)			
** DISCCART	407062.498978644	3758312.50636009	406.70	1.50
** receptor	=B755+1 (sensitive receptor: C714)			
** DISCCART	407062.498978644	3758287.50144976	404.30	1.50
** receptor	=B756+1 (sensitive receptor: C715)			
** DISCCART	407062.498978644	3758262.50653741	402.20	1.50
** receptor	=B757+1 (sensitive receptor: C716)			
** DISCCART	407062.498978644	3758237.50162708	400.20	1.50
** receptor	=B758+1 (sensitive receptor: C717)			
** DISCCART	407062.498978644	3758212.50671473	402.30	1.50
** receptor	=B759+1 (sensitive receptor: C718)			
** DISCCART	407062.498978644	3758187.5018044	403.40	1.50
** receptor	=B760+1 (sensitive receptor: C719)			
** DISCCART	407062.498978644	3758162.50689204	403.40	1.50
** receptor	=B761+1 (sensitive receptor: C720)			
** DISCCART	407062.498978644	3758137.50198172	403.40	1.50
** receptor	=B762+1 (sensitive receptor: C721)			
** DISCCART	407087.500378549	3758512.50565081	414.30	1.50
** receptor	=B763+1 (sensitive receptor: C722)			
** DISCCART	407087.500378549	3758487.50074049	416.60	1.50
** receptor	=B764+1 (sensitive receptor: C723)			
** DISCCART	407087.500378549	3758462.50582813	419.10	1.50
** receptor	=B765+1 (sensitive receptor: C724)			
** DISCCART	407087.500378549	3758437.50091781	416.50	1.50
** receptor	=B766+1 (sensitive receptor: C725)			
** DISCCART	407087.500378549	3758412.50600545	414.50	1.50
** receptor	=B767+1 (sensitive receptor: C726)			
** DISCCART	407087.500378549	3758387.50109513	412.60	1.50
** receptor	=B768+1 (sensitive receptor: C727)			
** DISCCART	407087.500378549	3758362.50618277	412.60	1.50
** receptor	=B769+1 (sensitive receptor: C728)			
** DISCCART	407087.500378549	3758337.50127244	412.60	1.50
** receptor	=B770+1 (sensitive receptor: C729)			
** DISCCART	407087.500378549	3758312.50636009	412.60	1.50
** receptor	=B771+1 (sensitive receptor: C730)			
** DISCCART	407087.500378549	3758287.50144976	412.50	1.50
** receptor	=B772+1 (sensitive receptor: C731)			
** DISCCART	407087.500378549	3758262.50653741	409.30	1.50
** receptor	=B773+1 (sensitive receptor: C732)			
** DISCCART	407087.500378549	3758237.50162708	406.00	1.50
** receptor	=B774+1 (sensitive receptor: C733)			
** DISCCART	407087.500378549	3758212.50671473	406.00	1.50
** receptor	=B775+1 (sensitive receptor: C734)			
** DISCCART	407087.500378549	3758187.5018044	406.70	1.50
** receptor	=B776+1 (sensitive receptor: C735)			
** DISCCART	407087.500378549	3758162.50689204	406.70	1.50
** receptor	=B777+1 (sensitive receptor: C736)			
** DISCCART	407087.500378549	3758137.50198172	406.70	1.50
** receptor	=B778+1 (sensitive receptor: C737)			
** DISCCART	407112.501778455	3758512.50565081	419.20	1.50
** receptor	=B779+1 (sensitive receptor: C738)			
** DISCCART	407112.501778455	3758487.50074049	424.00	1.50
** receptor	=B780+1 (sensitive receptor: C739)			
** DISCCART	407112.501778455	3758462.50582813	424.00	1.50
** receptor	=B781+1 (sensitive receptor: C740)			
** DISCCART	407112.501778455	3758437.50091781	424.00	1.50
** receptor	=B782+1 (sensitive receptor: C741)			
** DISCCART	407112.501778455	3758412.50600545	420.30	1.50
** receptor	=B783+1 (sensitive receptor: C742)			

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** DISCCART	407112.501778455	3758387.50109513	416.60	1.50
** receptor	=B784+1 (sensitive receptor: C743)			
** DISCCART	407112.501778455	3758362.50618277	416.60	1.50
** receptor	=B785+1 (sensitive receptor: C744)			
** DISCCART	407112.501778455	3758337.50127244	416.60	1.50
** receptor	=B786+1 (sensitive receptor: C745)			
** DISCCART	407112.501778455	3758312.50636009	417.00	1.50
** receptor	=B787+1 (sensitive receptor: C746)			
** DISCCART	407112.501778455	3758287.50144976	417.50	1.50
** receptor	=B788+1 (sensitive receptor: C747)			
** DISCCART	407112.501778455	3758262.50653741	417.00	1.50
** receptor	=B789+1 (sensitive receptor: C748)			
** DISCCART	407112.501778455	3758237.50162708	414.20	1.50
** receptor	=B790+1 (sensitive receptor: C749)			
** DISCCART	407112.501778455	3758212.50671473	413.70	1.50
** receptor	=B791+1 (sensitive receptor: C750)			
** DISCCART	407112.501778455	3758187.5018044	413.30	1.50
** receptor	=B792+1 (sensitive receptor: C751)			
** DISCCART	407112.501778455	3758162.50689204	410.90	1.50
** receptor	=B793+1 (sensitive receptor: C752)			
** DISCCART	407112.501778455	3758137.50198172	407.50	1.50
** receptor	=B794+1 (sensitive receptor: C753)			
** DISCCART	407137.50317836	3758512.50565081	427.40	1.50
** receptor	=B795+1 (sensitive receptor: C754)			
** DISCCART	407137.50317836	3758487.50074049	434.90	1.50
** receptor	=B796+1 (sensitive receptor: C755)			
** DISCCART	407137.50317836	3758462.50582813	435.20	1.50
** receptor	=B797+1 (sensitive receptor: C756)			
** DISCCART	407137.50317836	3758437.50091781	429.00	1.50
** receptor	=B798+1 (sensitive receptor: C757)			
** DISCCART	407137.50317836	3758412.50600545	426.00	1.50
** receptor	=B799+1 (sensitive receptor: C758)			
** DISCCART	407137.50317836	3758387.50109513	422.30	1.50
** receptor	=B800+1 (sensitive receptor: C759)			
** DISCCART	407137.50317836	3758362.50618277	419.80	1.50
** receptor	=B801+1 (sensitive receptor: C760)			
** DISCCART	407137.50317836	3758337.50127244	422.40	1.50
** receptor	=B802+1 (sensitive receptor: C761)			
** DISCCART	407137.50317836	3758312.50636009	422.40	1.50
** receptor	=B803+1 (sensitive receptor: C762)			
** DISCCART	407137.50317836	3758287.50144976	425.70	1.50
** receptor	=B804+1 (sensitive receptor: C763)			
** DISCCART	407137.50317836	3758262.50653741	422.70	1.50
** receptor	=B805+1 (sensitive receptor: C764)			
** DISCCART	407137.50317836	3758237.50162708	422.30	1.50
** receptor	=B806+1 (sensitive receptor: C765)			
** DISCCART	407137.50317836	3758212.50671473	417.80	1.50
** receptor	=B807+1 (sensitive receptor: C766)			
** DISCCART	407137.50317836	3758187.5018044	419.10	1.50
** receptor	=B808+1 (sensitive receptor: C767)			
** DISCCART	407137.50317836	3758162.50689204	419.10	1.50
** receptor	=B809+1 (sensitive receptor: C768)			
** DISCCART	407137.50317836	3758137.50198172	415.70	1.50
** receptor	=B810+1 (sensitive receptor: C769)			
** DISCCART	407162.496332422	3758512.50565081	434.40	1.50
** receptor	=B811+1 (sensitive receptor: C770)			
** DISCCART	407162.496332422	3758487.50074049	441.60	1.50
** receptor	=B812+1 (sensitive receptor: C771)			
** DISCCART	407162.496332422	3758462.50582813	446.20	1.50
** receptor	=B813+1 (sensitive receptor: C772)			
** DISCCART	407162.496332422	3758437.50091781	437.10	1.50
** receptor	=B814+1 (sensitive receptor: C773)			
** DISCCART	407162.496332422	3758412.50600545	432.20	1.50
** receptor	=B815+1 (sensitive receptor: C774)			
** DISCCART	407162.496332422	3758387.50109513	430.50	1.50
** receptor	=B816+1 (sensitive receptor: C775)			
** DISCCART	407162.496332422	3758362.50618277	427.30	1.50
** receptor	=B817+1 (sensitive receptor: C776)			
** DISCCART	407162.496332422	3758337.50127244	427.30	1.50
** receptor	=B818+1 (sensitive receptor: C777)			
** DISCCART	407162.496332422	3758312.50636009	430.60	1.50
** receptor	=B819+1 (sensitive receptor: C778)			
** DISCCART	407162.496332422	3758287.50144976	430.60	1.50
** receptor	=B820+1 (sensitive receptor: C779)			
** DISCCART	407162.496332422	3758262.50653741	430.60	1.50
** receptor	=B821+1 (sensitive receptor: C780)			

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** receptor	DISCCART	407162.496332422	3758237.50162708	431.50	1.50
** receptor	=B822+1 (sensitive receptor: C781)				
** receptor	DISCCART	407162.496332422	3758212.50671473	432.00	1.50
** receptor	=B823+1 (sensitive receptor: C782)				
** receptor	DISCCART	407162.496332422	3758187.5018044	432.40	1.50
** receptor	=B824+1 (sensitive receptor: C783)				
** receptor	DISCCART	407162.496332422	3758162.50689204	431.50	1.50
** receptor	=B825+1 (sensitive receptor: C784)				
** receptor	DISCCART	407162.496332422	3758137.50198172	424.90	1.50
** receptor	=B826+1 (sensitive receptor: C785)				
** receptor	DISCCART	407187.497732327	3758512.50565081	459.60	1.50
** receptor	=B827+1 (sensitive receptor: C786)				
** receptor	DISCCART	407187.497732327	3758487.50074049	465.00	1.50
** receptor	=B828+1 (sensitive receptor: C787)				
** receptor	DISCCART	407187.497732327	3758462.50582813	457.10	1.50
** receptor	=B829+1 (sensitive receptor: C788)				
** receptor	DISCCART	407187.497732327	3758437.50091781	447.90	1.50
** receptor	=B830+1 (sensitive receptor: C789)				
** receptor	DISCCART	407187.497732327	3758412.50600545	439.10	1.50
** receptor	=B831+1 (sensitive receptor: C790)				
** receptor	DISCCART	407187.497732327	3758387.50109513	435.50	1.50
** receptor	=B832+1 (sensitive receptor: C791)				
** receptor	DISCCART	407187.497732327	3758362.50618277	435.50	1.50
** receptor	=B833+1 (sensitive receptor: C792)				
** receptor	DISCCART	407187.497732327	3758337.50127244	435.50	1.50
** receptor	=B834+1 (sensitive receptor: C793)				
** receptor	DISCCART	407187.497732327	3758312.50636009	435.90	1.50
** receptor	=B835+1 (sensitive receptor: C794)				
** receptor	DISCCART	407187.497732327	3758287.50144976	438.80	1.50
** receptor	=B836+1 (sensitive receptor: C795)				
** receptor	DISCCART	407187.497732327	3758262.50653741	439.20	1.50
** receptor	=B837+1 (sensitive receptor: C796)				
** receptor	DISCCART	407187.497732327	3758237.50162708	442.10	1.50
** receptor	=B838+1 (sensitive receptor: C797)				
** receptor	DISCCART	407187.497732327	3758212.50671473	446.70	1.50
** receptor	=B839+1 (sensitive receptor: C798)				
** receptor	DISCCART	407187.497732327	3758187.5018044	451.20	1.50
** receptor	=B840+1 (sensitive receptor: C799)				
** receptor	DISCCART	407187.497732327	3758162.50689204	449.10	1.50
** receptor	=B841+1 (sensitive receptor: C800)				
** receptor	DISCCART	407187.497732327	3758137.50198172	441.30	1.50
** receptor	=B842+1 (sensitive receptor: C801)				
** receptor	DISCCART	407212.499132233	3758512.50565081	465.80	1.50
** receptor	=B843+1 (sensitive receptor: C802)				
** receptor	DISCCART	407212.499132233	3758487.50074049	466.70	1.50
** receptor	=B844+1 (sensitive receptor: C803)				
** receptor	DISCCART	407212.499132233	3758462.50582813	462.90	1.50
** receptor	=B845+1 (sensitive receptor: C804)				
** receptor	DISCCART	407212.499132233	3758437.50091781	462.40	1.50
** receptor	=B846+1 (sensitive receptor: C805)				
** receptor	DISCCART	407212.499132233	3758412.50600545	451.90	1.50
** receptor	=B847+1 (sensitive receptor: C806)				
** receptor	DISCCART	407212.499132233	3758387.50109513	443.70	1.50
** receptor	=B848+1 (sensitive receptor: C807)				
** receptor	DISCCART	407212.499132233	3758362.50618277	443.20	1.50
** receptor	=B849+1 (sensitive receptor: C808)				
** receptor	DISCCART	407212.499132233	3758337.50127244	442.80	1.50
** receptor	=B850+1 (sensitive receptor: C809)				
** receptor	DISCCART	407212.499132233	3758312.50636009	443.20	1.50
** receptor	=B851+1 (sensitive receptor: C810)				
** receptor	DISCCART	407212.499132233	3758287.50144976	443.70	1.50
** receptor	=B852+1 (sensitive receptor: C811)				
** receptor	DISCCART	407212.499132233	3758262.50653741	446.60	1.50
** receptor	=B853+1 (sensitive receptor: C812)				
** receptor	DISCCART	407212.499132233	3758237.50162708	449.50	1.50
** receptor	=B854+1 (sensitive receptor: C813)				
** receptor	DISCCART	407212.499132233	3758212.50671473	458.60	1.50
** receptor	=B855+1 (sensitive receptor: C814)				
** receptor	DISCCART	407212.499132233	3758187.5018044	462.50	1.50
** receptor	=B856+1 (sensitive receptor: C815)				
** receptor	DISCCART	407212.499132233	3758162.50689204	460.80	1.50
** receptor	=B857+1 (sensitive receptor: C816)				
** receptor	DISCCART	407212.499132233	3758137.50198172	449.20	1.50
** receptor	=B858+1 (sensitive receptor: C817)				
** receptor	DISCCART	407237.500532139	3758512.50565081	469.00	1.50
** receptor	=B859+1 (sensitive receptor: C818)				

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** DISCCART	407237.500532139	3758487.50074049	471.60	1.50
** receptor	=B860+1 (sensitive receptor: C819)			
** DISCCART	407237.500532139	3758462.50582813	471.30	1.50
** receptor	=B861+1 (sensitive receptor: C820)			
** DISCCART	407237.500532139	3758437.50091781	468.30	1.50
** receptor	=B862+1 (sensitive receptor: C821)			
** DISCCART	407237.500532139	3758412.50600545	460.10	1.50
** receptor	=B863+1 (sensitive receptor: C822)			
** DISCCART	407237.500532139	3758387.50109513	451.90	1.50
** receptor	=B864+1 (sensitive receptor: C823)			
** DISCCART	407237.500532139	3758362.50618277	448.60	1.50
** receptor	=B865+1 (sensitive receptor: C824)			
** DISCCART	407237.500532139	3758337.50127244	448.60	1.50
** receptor	=B866+1 (sensitive receptor: C825)			
** DISCCART	407237.500532139	3758312.50636009	450.00	1.50
** receptor	=B867+1 (sensitive receptor: C826)			
** DISCCART	407237.500532139	3758287.50144976	451.90	1.50
** receptor	=B868+1 (sensitive receptor: C827)			
** DISCCART	407237.500532139	3758262.50653741	452.30	1.50
** receptor	=B869+1 (sensitive receptor: C828)			
** DISCCART	407237.500532139	3758237.50162708	452.70	1.50
** receptor	=B870+1 (sensitive receptor: C829)			
** DISCCART	407237.500532139	3758212.50671473	459.60	1.50
** receptor	=B871+1 (sensitive receptor: C830)			
** DISCCART	407237.500532139	3758187.5018044	459.90	1.50
** receptor	=B872+1 (sensitive receptor: C831)			
** DISCCART	407237.500532139	3758162.50689204	454.90	1.50
** receptor	=B873+1 (sensitive receptor: C832)			
** DISCCART	407237.500532139	3758137.50198172	446.70	1.50
** receptor	=B874+1 (sensitive receptor: C833)			
** DISCCART	407262.501932044	3758512.50565081	473.20	1.50
** receptor	=B875+1 (sensitive receptor: C834)			
** DISCCART	407262.501932044	3758487.50074049	475.60	1.50
** receptor	=B876+1 (sensitive receptor: C835)			
** DISCCART	407262.501932044	3758462.50582813	476.10	1.50
** receptor	=B877+1 (sensitive receptor: C836)			
** DISCCART	407262.501932044	3758437.50091781	479.90	1.50
** receptor	=B878+1 (sensitive receptor: C837)			
** DISCCART	407262.501932044	3758412.50600545	475.10	1.50
** receptor	=B879+1 (sensitive receptor: C838)			
** DISCCART	407262.501932044	3758387.50109513	459.10	1.50
** receptor	=B880+1 (sensitive receptor: C839)			
** DISCCART	407262.501932044	3758362.50618277	453.60	1.50
** receptor	=B881+1 (sensitive receptor: C840)			
** DISCCART	407262.501932044	3758337.50127244	453.60	1.50
** receptor	=B882+1 (sensitive receptor: C841)			
** DISCCART	407262.501932044	3758312.50636009	456.80	1.50
** receptor	=B883+1 (sensitive receptor: C842)			
** DISCCART	407262.501932044	3758287.50144976	456.90	1.50
** receptor	=B884+1 (sensitive receptor: C843)			
** DISCCART	407262.501932044	3758262.50653741	459.20	1.50
** receptor	=B885+1 (sensitive receptor: C844)			
** DISCCART	407262.501932044	3758237.50162708	456.80	1.50
** receptor	=B886+1 (sensitive receptor: C845)			
** DISCCART	407262.501932044	3758212.50671473	453.80	1.50
** receptor	=B887+1 (sensitive receptor: C846)			
** DISCCART	407262.501932044	3758187.5018044	451.70	1.50
** receptor	=B888+1 (sensitive receptor: C847)			
** DISCCART	407262.501932044	3758162.50689204	448.30	1.50
** receptor	=B889+1 (sensitive receptor: C848)			
** DISCCART	407262.501932044	3758137.50198172	441.80	1.50
** receptor	=B890+1 (sensitive receptor: C849)			
** DISCCART	407287.50333195	3758512.50565081	479.90	1.50
** receptor	=B891+1 (sensitive receptor: C850)			
** DISCCART	407287.50333195	3758487.50074049	478.20	1.50
** receptor	=B892+1 (sensitive receptor: C851)			
** DISCCART	407287.50333195	3758462.50582813	481.80	1.50
** receptor	=B893+1 (sensitive receptor: C852)			
** DISCCART	407287.50333195	3758437.50091781	484.70	1.50
** receptor	=B894+1 (sensitive receptor: C853)			
** DISCCART	407287.50333195	3758412.50600545	481.80	1.50
** receptor	=B895+1 (sensitive receptor: C854)			
** DISCCART	407287.50333195	3758387.50109513	467.40	1.50
** receptor	=B896+1 (sensitive receptor: C855)			
** DISCCART	407287.50333195	3758362.50618277	457.10	1.50
** receptor	=B897+1 (sensitive receptor: C856)			

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** DISCCART	407287.50333195	3758337.50127244	459.20	1.50
** receptor	=B898+1 (sensitive receptor: C857)			
** DISCCART	407287.50333195	3758312.50636009	461.80	1.50
** receptor	=B899+1 (sensitive receptor: C858)			
** DISCCART	407287.50333195	3758287.50144976	462.50	1.50
** receptor	=B900+1 (sensitive receptor: C859)			
** DISCCART	407287.50333195	3758262.50653741	462.50	1.50
** receptor	=B901+1 (sensitive receptor: C860)			
** DISCCART	407287.50333195	3758237.50162708	455.90	1.50
** receptor	=B902+1 (sensitive receptor: C861)			
** DISCCART	407287.50333195	3758212.50671473	445.80	1.50
** receptor	=B903+1 (sensitive receptor: C862)			
** DISCCART	407287.50333195	3758187.5018044	443.60	1.50
** receptor	=B904+1 (sensitive receptor: C863)			
** DISCCART	407287.50333195	3758162.50689204	445.70	1.50
** receptor	=B905+1 (sensitive receptor: C864)			
** DISCCART	407287.50333195	3758137.50198172	439.50	1.50
** receptor	=B906+1 (sensitive receptor: C865)			
** DISCCART	407312.496486011	3758512.50565081	492.30	1.50
** receptor	=B907+1 (sensitive receptor: C866)			
** DISCCART	407312.496486011	3758487.50074049	496.10	1.50
** receptor	=B908+1 (sensitive receptor: C867)			
** DISCCART	407312.496486011	3758462.50582813	491.20	1.50
** receptor	=B909+1 (sensitive receptor: C868)			
** DISCCART	407312.496486011	3758437.50091781	488.60	1.50
** receptor	=B910+1 (sensitive receptor: C869)			
** DISCCART	407312.496486011	3758412.50600545	485.40	1.50
** receptor	=B911+1 (sensitive receptor: C870)			
** DISCCART	407312.496486011	3758387.50109513	475.50	1.50
** receptor	=B912+1 (sensitive receptor: C871)			
** DISCCART	407312.496486011	3758362.50618277	461.20	1.50
** receptor	=B913+1 (sensitive receptor: C872)			
** DISCCART	407312.496486011	3758337.50127244	459.30	1.50
** receptor	=B914+1 (sensitive receptor: C873)			
** DISCCART	407312.496486011	3758312.50636009	462.00	1.50
** receptor	=B915+1 (sensitive receptor: C874)			
** DISCCART	407312.496486011	3758287.50144976	461.50	1.50
** receptor	=B916+1 (sensitive receptor: C875)			
** DISCCART	407312.496486011	3758262.50653741	456.60	1.50
** receptor	=B917+1 (sensitive receptor: C876)			
** DISCCART	407312.496486011	3758237.50162708	445.10	1.50
** receptor	=B918+1 (sensitive receptor: C877)			
** DISCCART	407312.496486011	3758212.50671473	438.60	1.50
** receptor	=B919+1 (sensitive receptor: C878)			
** DISCCART	407312.496486011	3758187.5018044	438.60	1.50
** receptor	=B920+1 (sensitive receptor: C879)			
** DISCCART	407312.496486011	3758162.50689204	442.80	1.50
** receptor	=B921+1 (sensitive receptor: C880)			
** DISCCART	407312.496486011	3758137.50198172	443.60	1.50
** receptor	=B922+1 (sensitive receptor: C881)			
** DISCCART	407337.497885917	3758512.50565081	502.80	1.50
** receptor	=B923+1 (sensitive receptor: C882)			
** DISCCART	407337.497885917	3758487.50074049	501.80	1.50
** receptor	=B924+1 (sensitive receptor: C883)			
** DISCCART	407337.497885917	3758462.50582813	496.80	1.50
** receptor	=B925+1 (sensitive receptor: C884)			
** DISCCART	407337.497885917	3758437.50091781	491.20	1.50
** receptor	=B926+1 (sensitive receptor: C885)			
** DISCCART	407337.497885917	3758412.50600545	485.40	1.50
** receptor	=B927+1 (sensitive receptor: C886)			
** DISCCART	407337.497885917	3758387.50109513	478.70	1.50
** receptor	=B928+1 (sensitive receptor: C887)			
** DISCCART	407337.497885917	3758362.50618277	460.80	1.50
** receptor	=B929+1 (sensitive receptor: C888)			
** DISCCART	407337.497885917	3758337.50127244	456.60	1.50
** receptor	=B930+1 (sensitive receptor: C889)			
** DISCCART	407337.497885917	3758312.50636009	453.70	1.50
** receptor	=B931+1 (sensitive receptor: C890)			
** DISCCART	407337.497885917	3758287.50144976	450.10	1.50
** receptor	=B932+1 (sensitive receptor: C891)			
** DISCCART	407337.497885917	3758262.50653741	445.50	1.50
** receptor	=B933+1 (sensitive receptor: C892)			
** DISCCART	407337.497885917	3758237.50162708	440.20	1.50
** receptor	=B934+1 (sensitive receptor: C893)			
** DISCCART	407337.497885917	3758212.50671473	434.50	1.50
** receptor	=B935+1 (sensitive receptor: C894)			

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** DISCCART	407337.497885917	3758187.5018044	433.80	1.50
** receptor	=B936+1 (sensitive receptor: C895)			
** DISCCART	407337.497885917	3758162.50689204	441.20	1.50
** receptor	=B937+1 (sensitive receptor: C896)			
** DISCCART	407337.497885917	3758137.50198172	442.90	1.50
** receptor	=B938+1 (sensitive receptor: C897)			
** DISCCART	407362.499285822	3758512.50565081	502.60	1.50
** receptor	=B939+1 (sensitive receptor: C898)			
** DISCCART	407362.499285822	3758487.50074049	501.80	1.50
** receptor	=B940+1 (sensitive receptor: C899)			
** DISCCART	407362.499285822	3758462.50582813	496.80	1.50
** receptor	=B941+1 (sensitive receptor: C900)			
** DISCCART	407362.499285822	3758437.50091781	490.90	1.50
** receptor	=B942+1 (sensitive receptor: C901)			
** DISCCART	407362.499285822	3758412.50600545	485.40	1.50
** receptor	=B943+1 (sensitive receptor: C902)			
** DISCCART	407362.499285822	3758387.50109513	478.80	1.50
** receptor	=B944+1 (sensitive receptor: C903)			
** DISCCART	407362.499285822	3758362.50618277	464.50	1.50
** receptor	=B945+1 (sensitive receptor: C904)			
** DISCCART	407362.499285822	3758337.50127244	456.80	1.50
** receptor	=B946+1 (sensitive receptor: C905)			
** DISCCART	407362.499285822	3758312.50636009	448.10	1.50
** receptor	=B947+1 (sensitive receptor: C906)			
** DISCCART	407362.499285822	3758287.50144976	441.90	1.50
** receptor	=B948+1 (sensitive receptor: C907)			
** DISCCART	407362.499285822	3758262.50653741	436.90	1.50
** receptor	=B949+1 (sensitive receptor: C908)			
** DISCCART	407362.499285822	3758237.50162708	424.60	1.50
** receptor	=B950+1 (sensitive receptor: C909)			
** DISCCART	407362.499285822	3758212.50671473	424.10	1.50
** receptor	=B951+1 (sensitive receptor: C910)			
** DISCCART	407362.499285822	3758187.5018044	421.30	1.50
** receptor	=B952+1 (sensitive receptor: C911)			
** DISCCART	407362.499285822	3758162.50689204	428.40	1.50
** receptor	=B953+1 (sensitive receptor: C912)			
** DISCCART	407362.499285822	3758137.50198172	434.50	1.50
** receptor	=B954+1 (sensitive receptor: C913)			
** DISCCART	407387.500685728	3758512.50565081	498.90	1.50
** receptor	=B955+1 (sensitive receptor: C914)			
** DISCCART	407387.500685728	3758487.50074049	499.30	1.50
** receptor	=B956+1 (sensitive receptor: C915)			
** DISCCART	407387.500685728	3758462.50582813	492.20	1.50
** receptor	=B957+1 (sensitive receptor: C916)			
** DISCCART	407387.500685728	3758437.50091781	483.60	1.50
** receptor	=B958+1 (sensitive receptor: C917)			
** DISCCART	407387.500685728	3758412.50600545	482.50	1.50
** receptor	=B959+1 (sensitive receptor: C918)			
** DISCCART	407387.500685728	3758387.50109513	478.80	1.50
** receptor	=B960+1 (sensitive receptor: C919)			
** DISCCART	407387.500685728	3758362.50618277	467.30	1.50
** receptor	=B961+1 (sensitive receptor: C920)			
** DISCCART	407387.500685728	3758337.50127244	462.40	1.50
** receptor	=B962+1 (sensitive receptor: C921)			
** DISCCART	407387.500685728	3758312.50636009	451.80	1.50
** receptor	=B963+1 (sensitive receptor: C922)			
** DISCCART	407387.500685728	3758287.50144976	442.00	1.50
** receptor	=B964+1 (sensitive receptor: C923)			
** DISCCART	407387.500685728	3758262.50653741	430.80	1.50
** receptor	=B965+1 (sensitive receptor: C924)			
** DISCCART	407387.500685728	3758237.50162708	419.80	1.50
** receptor	=B966+1 (sensitive receptor: C925)			
** DISCCART	407387.500685728	3758212.50671473	408.90	1.50
** receptor	=B967+1 (sensitive receptor: C926)			
** DISCCART	407387.500685728	3758187.5018044	394.30	1.50
** receptor	=B968+1 (sensitive receptor: C927)			
** DISCCART	407387.500685728	3758162.50689204	394.70	1.50
** receptor	=B969+1 (sensitive receptor: C928)			
** DISCCART	407387.500685728	3758137.50198172	398.00	1.50
** receptor	=B970+1 (sensitive receptor: C929)			
** DISCCART	407412.502085634	3758512.50565081	496.20	1.50
** receptor	=B971+1 (sensitive receptor: C930)			
** DISCCART	407412.502085634	3758487.50074049	495.20	1.50
** receptor	=B972+1 (sensitive receptor: C931)			
** DISCCART	407412.502085634	3758462.50582813	487.40	1.50
** receptor	=B973+1 (sensitive receptor: C932)			

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** DISCCART	407412.502085634	3758437.50091781	478.80	1.50
** receptor	=B974+1 (sensitive receptor: C933)			
** DISCCART	407412.502085634	3758412.50600545	475.60	1.50
** receptor	=B975+1 (sensitive receptor: C934)			
** DISCCART	407412.502085634	3758387.50109513	475.60	1.50
** receptor	=B976+1 (sensitive receptor: C935)			
** DISCCART	407412.502085634	3758362.50618277	468.90	1.50
** receptor	=B977+1 (sensitive receptor: C936)			
** DISCCART	407412.502085634	3758337.50127244	462.40	1.50
** receptor	=B978+1 (sensitive receptor: C937)			
** DISCCART	407412.502085634	3758312.50636009	458.40	1.50
** receptor	=B979+1 (sensitive receptor: C938)			
** DISCCART	407412.502085634	3758287.50144976	447.80	1.50
** receptor	=B980+1 (sensitive receptor: C939)			
** DISCCART	407412.502085634	3758262.50653741	438.20	1.50
** receptor	=B981+1 (sensitive receptor: C940)			
** DISCCART	407412.502085634	3758237.50162708	424.90	1.50
** receptor	=B982+1 (sensitive receptor: C941)			
** DISCCART	407412.502085634	3758212.50671473	411.40	1.50
** receptor	=B983+1 (sensitive receptor: C942)			
** DISCCART	407412.502085634	3758187.5018044	399.60	1.50
** receptor	=B984+1 (sensitive receptor: C943)			
** DISCCART	407412.502085634	3758162.50689204	395.00	1.50
** receptor	=B985+1 (sensitive receptor: C944)			
** DISCCART	407412.502085634	3758137.50198172	390.30	1.50
** receptor	=B986+1 (sensitive receptor: C945)			
** DISCCART	407437.495239695	3758512.50565081	503.70	1.50
** receptor	=B987+1 (sensitive receptor: C946)			
** DISCCART	407437.495239695	3758487.50074049	503.70	1.50
** receptor	=B988+1 (sensitive receptor: C947)			
** DISCCART	407437.495239695	3758462.50582813	503.30	1.50
** receptor	=B989+1 (sensitive receptor: C948)			
** DISCCART	407437.495239695	3758437.50091781	494.10	1.50
** receptor	=B990+1 (sensitive receptor: C949)			
** DISCCART	407437.495239695	3758412.50600545	482.30	1.50
** receptor	=B991+1 (sensitive receptor: C950)			
** DISCCART	407437.495239695	3758387.50109513	475.50	1.50
** receptor	=B992+1 (sensitive receptor: C951)			
** DISCCART	407437.495239695	3758362.50618277	469.00	1.50
** receptor	=B993+1 (sensitive receptor: C952)			
** DISCCART	407437.495239695	3758337.50127244	465.80	1.50
** receptor	=B994+1 (sensitive receptor: C953)			
** DISCCART	407437.495239695	3758312.50636009	462.10	1.50
** receptor	=B995+1 (sensitive receptor: C954)			
** DISCCART	407437.495239695	3758287.50144976	458.40	1.50
** receptor	=B996+1 (sensitive receptor: C955)			
** DISCCART	407437.495239695	3758262.50653741	442.80	1.50
** receptor	=B997+1 (sensitive receptor: C956)			
** DISCCART	407437.495239695	3758237.50162708	432.20	1.50
** receptor	=B998+1 (sensitive receptor: C957)			
** DISCCART	407437.495239695	3758212.50671473	427.20	1.50
** receptor	=B999+1 (sensitive receptor: C958)			
** DISCCART	407437.495239695	3758187.5018044	424.90	1.50
** receptor	=B1000+1 (sensitive receptor: C959)			
** DISCCART	407437.495239695	3758162.50689204	420.00	1.50
** receptor	=B1001+1 (sensitive receptor: C960)			
** DISCCART	407437.495239695	3758137.50198172	409.50	1.50
** receptor	=B1002+1 (sensitive receptor: C961)			
** DISCCART	407462.4966396	3758512.50565081	519.20	1.50
** receptor	=B1003+1 (sensitive receptor: C962)			
** DISCCART	407462.4966396	3758487.50074049	519.20	1.50
** receptor	=B1004+1 (sensitive receptor: C963)			
** DISCCART	407462.4966396	3758462.50582813	522.90	1.50
** receptor	=B1005+1 (sensitive receptor: C964)			
** DISCCART	407462.4966396	3758437.50091781	512.40	1.50
** receptor	=B1006+1 (sensitive receptor: C965)			
** DISCCART	407462.4966396	3758412.50600545	490.10	1.50
** receptor	=B1007+1 (sensitive receptor: C966)			
** DISCCART	407462.4966396	3758387.50109513	475.50	1.50
** receptor	=B1008+1 (sensitive receptor: C967)			
** DISCCART	407462.4966396	3758362.50618277	463.10	1.50
** receptor	=B1009+1 (sensitive receptor: C968)			
** DISCCART	407462.4966396	3758337.50127244	461.60	1.50
** receptor	=B1010+1 (sensitive receptor: C969)			
** DISCCART	407462.4966396	3758312.50636009	461.60	1.50
** receptor	=B1011+1 (sensitive receptor: C970)			

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** DISCCART	407462.4966396	3758287.50144976	462.50	1.50
** receptor	=B1012+1 (sensitive receptor: C971)			
** DISCCART	407462.4966396	3758262.50653741	456.30	1.50
** receptor	=B1013+1 (sensitive receptor: C972)			
** DISCCART	407462.4966396	3758237.50162708	442.30	1.50
** receptor	=B1014+1 (sensitive receptor: C973)			
** DISCCART	407462.4966396	3758212.50671473	437.60	1.50
** receptor	=B1015+1 (sensitive receptor: C974)			
** DISCCART	407462.4966396	3758187.5018044	434.80	1.50
** receptor	=B1016+1 (sensitive receptor: C975)			
** DISCCART	407462.4966396	3758162.50689204	429.80	1.50
** receptor	=B1017+1 (sensitive receptor: C976)			
** DISCCART	407462.4966396	3758137.50198172	424.90	1.50
** receptor	=B1018+1 (sensitive receptor: C977)			
** DISCCART	407487.498039506	3758512.50565081	518.10	1.50
** receptor	=B1019+1 (sensitive receptor: C978)			
** DISCCART	407487.498039506	3758487.50074049	528.10	1.50
** receptor	=B1020+1 (sensitive receptor: C979)			
** DISCCART	407487.498039506	3758462.50582813	526.70	1.50
** receptor	=B1021+1 (sensitive receptor: C980)			
** DISCCART	407487.498039506	3758437.50091781	512.20	1.50
** receptor	=B1022+1 (sensitive receptor: C981)			
** DISCCART	407487.498039506	3758412.50600545	488.90	1.50
** receptor	=B1023+1 (sensitive receptor: C982)			
** DISCCART	407487.498039506	3758387.50109513	472.90	1.50
** receptor	=B1024+1 (sensitive receptor: C983)			
** DISCCART	407487.498039506	3758362.50618277	462.10	1.50
** receptor	=B1025+1 (sensitive receptor: C984)			
** DISCCART	407487.498039506	3758337.50127244	459.20	1.50
** receptor	=B1026+1 (sensitive receptor: C985)			
** DISCCART	407487.498039506	3758312.50636009	459.20	1.50
** receptor	=B1027+1 (sensitive receptor: C986)			
** DISCCART	407487.498039506	3758287.50144976	461.80	1.50
** receptor	=B1028+1 (sensitive receptor: C987)			
** DISCCART	407487.498039506	3758262.50653741	461.80	1.50
** receptor	=B1029+1 (sensitive receptor: C988)			
** DISCCART	407487.498039506	3758237.50162708	458.50	1.50
** receptor	=B1030+1 (sensitive receptor: C989)			
** DISCCART	407487.498039506	3758212.50671473	454.80	1.50
** receptor	=B1031+1 (sensitive receptor: C990)			
** DISCCART	407487.498039506	3758187.5018044	447.90	1.50
** receptor	=B1032+1 (sensitive receptor: C991)			
** DISCCART	407487.498039506	3758162.50689204	444.60	1.50
** receptor	=B1033+1 (sensitive receptor: C992)			
** DISCCART	407487.498039506	3758137.50198172	441.30	1.50
** receptor	=B1034+1 (sensitive receptor: C993)			
** DISCCART	407512.499439412	3758512.50565081	491.60	1.50
** receptor	=B1035+1 (sensitive receptor: C994)			
** DISCCART	407512.499439412	3758487.50074049	495.00	1.50
** receptor	=B1036+1 (sensitive receptor: C995)			
** DISCCART	407512.499439412	3758462.50582813	504.30	1.50
** receptor	=B1037+1 (sensitive receptor: C996)			
** DISCCART	407512.499439412	3758437.50091781	496.60	1.50
** receptor	=B1038+1 (sensitive receptor: C997)			
** DISCCART	407512.499439412	3758412.50600545	478.90	1.50
** receptor	=B1039+1 (sensitive receptor: C998)			
** DISCCART	407512.499439412	3758387.50109513	468.00	1.50
** receptor	=B1040+1 (sensitive receptor: C999)			
** DISCCART	407512.499439412	3758362.50618277	462.00	1.50
** receptor	=B1041+1 (sensitive receptor: C1000)			
** DISCCART	407512.499439412	3758337.50127244	466.70	1.50
** receptor	=B1042+1 (sensitive receptor: C1001)			
** DISCCART	407512.499439412	3758312.50636009	467.10	1.50
** receptor	=B1043+1 (sensitive receptor: C1002)			
** DISCCART	407512.499439412	3758287.50144976	466.70	1.50
** receptor	=B1044+1 (sensitive receptor: C1003)			
** DISCCART	407512.499439412	3758262.50653741	466.70	1.50
** receptor	=B1045+1 (sensitive receptor: C1004)			
** DISCCART	407512.499439412	3758237.50162708	463.40	1.50
** receptor	=B1046+1 (sensitive receptor: C1005)			
** DISCCART	407512.499439412	3758212.50671473	463.40	1.50
** receptor	=B1047+1 (sensitive receptor: C1006)			
** DISCCART	407512.499439412	3758187.5018044	461.00	1.50
** receptor	=B1048+1 (sensitive receptor: C1007)			
** DISCCART	407512.499439412	3758162.50689204	459.30	1.50
** receptor	=B1049+1 (sensitive receptor: C1008)			

Appendix B

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DISCCART 407512.499439412 3758137.50198172 453.60 1.50
 ** receptor =B1050+1 (sensitive receptor: C1009)
 DISCCART 407537.500839317 3758512.50565081 0.00 1.50
 ** receptor =B1051+1 (sensitive receptor: C1010)
 DISCCART 407537.500839317 3758487.50074049 0.00 1.50
 ** receptor =B1052+1 (sensitive receptor: C1011)
 DISCCART 407537.500839317 3758462.50582813 0.00 1.50
 ** receptor =B1053+1 (sensitive receptor: C1012)
 DISCCART 407537.500839317 3758437.50091781 0.00 1.50
 ** receptor =B1054+1 (sensitive receptor: C1013)
 DISCCART 407537.500839317 3758412.50600545 0.00 1.50
 ** receptor =B1055+1 (sensitive receptor: C1014)
 DISCCART 407537.500839317 3758387.50109513 0.00 1.50
 ** receptor =B1056+1 (sensitive receptor: C1015)
 DISCCART 407537.500839317 3758362.50618277 0.00 1.50
 ** receptor =B1057+1 (sensitive receptor: C1016)
 DISCCART 407537.500839317 3758337.50127244 0.00 1.50
 ** receptor =B1058+1 (sensitive receptor: C1017)
 DISCCART 407537.500839317 3758312.50636009 0.00 1.50
 ** receptor =B1059+1 (sensitive receptor: C1018)
 DISCCART 407537.500839317 3758287.50144976 0.00 1.50
 ** receptor =B1060+1 (sensitive receptor: C1019)
 DISCCART 407537.500839317 3758262.50653741 0.00 1.50
 ** receptor =B1061+1 (sensitive receptor: C1020)
 DISCCART 407537.500839317 3758237.50162708 0.00 1.50
 ** receptor =B1062+1 (sensitive receptor: C1021)
 DISCCART 407537.500839317 3758212.50671473 0.00 1.50
 ** receptor =B1063+1 (sensitive receptor: C1022)
 DISCCART 407537.500839317 3758187.5018044 0.00 1.50
 ** receptor =B1064+1 (sensitive receptor: C1023)
 DISCCART 407537.500839317 3758162.50689204 0.00 1.50
 ** receptor =B1065+1 (sensitive receptor: C1024)
 DISCCART 407537.500839317 3758137.50198172 0.00 1.50
 ** receptor =B1066+1 (sensitive receptor: C1025)
 DISCCART 407562.502239223 3758512.50565081 0.00 1.50
 ** receptor =B1067+1 (sensitive receptor: C1026)
 DISCCART 407562.502239223 3758487.50074049 0.00 1.50
 ** receptor =B1068+1 (sensitive receptor: C1027)
 DISCCART 407562.502239223 3758462.50582813 0.00 1.50
 ** receptor =B1069+1 (sensitive receptor: C1028)
 DISCCART 407562.502239223 3758437.50091781 0.00 1.50
 ** receptor =B1070+1 (sensitive receptor: C1029)
 DISCCART 407562.502239223 3758412.50600545 0.00 1.50
 ** receptor =B1071+1 (sensitive receptor: C1030)
 DISCCART 407562.502239223 3758387.50109513 0.00 1.50
 ** receptor =B1072+1 (sensitive receptor: C1031)
 DISCCART 407562.502239223 3758362.50618277 0.00 1.50
 ** receptor =B1073+1 (sensitive receptor: C1032)
 DISCCART 407562.502239223 3758337.50127244 0.00 1.50
 ** receptor =B1074+1 (sensitive receptor: C1033)
 DISCCART 407562.502239223 3758312.50636009 0.00 1.50
 ** receptor =B1075+1 (sensitive receptor: C1034)
 DISCCART 407562.502239223 3758287.50144976 0.00 1.50
 ** receptor =B1076+1 (sensitive receptor: C1035)
 DISCCART 407562.502239223 3758262.50653741 0.00 1.50
 ** receptor =B1077+1 (sensitive receptor: C1036)
 DISCCART 407562.502239223 3758237.50162708 0.00 1.50
 ** receptor =B1078+1 (sensitive receptor: C1037)
 DISCCART 407562.502239223 3758212.50671473 0.00 1.50
 ** receptor =B1079+1 (sensitive receptor: C1038)
 DISCCART 407562.502239223 3758187.5018044 0.00 1.50
 ** receptor =B1080+1 (sensitive receptor: C1039)
 DISCCART 407562.502239223 3758162.50689204 0.00 1.50
 ** receptor =B1081+1 (sensitive receptor: C1040)
 DISCCART 407562.502239223 3758137.50198172 0.00 1.50
 ** receptor =B1082+1 (sensitive receptor: C1041)
 DISCCART 407587.495393284 3758512.50565081 0.00 1.50
 ** receptor =B1083+1 (sensitive receptor: C1042)
 DISCCART 407587.495393284 3758487.50074049 0.00 1.50
 ** receptor =B1084+1 (sensitive receptor: C1043)
 DISCCART 407587.495393284 3758462.50582813 0.00 1.50
 ** receptor =B1085+1 (sensitive receptor: C1044)
 DISCCART 407587.495393284 3758437.50091781 0.00 1.50
 ** receptor =B1086+1 (sensitive receptor: C1045)
 DISCCART 407587.495393284 3758412.50600545 0.00 1.50
 ** receptor =B1087+1 (sensitive receptor: C1046)

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DISCCART 407587.495393284 3758387.50109513 0.00 1.50
 ** receptor =B1088+1 (sensitive receptor: C1047)
 DISCCART 407587.495393284 3758362.50618277 0.00 1.50
 ** receptor =B1089+1 (sensitive receptor: C1048)
 DISCCART 407587.495393284 3758337.50127244 0.00 1.50
 ** receptor =B1090+1 (sensitive receptor: C1049)
 DISCCART 407587.495393284 3758312.50636009 0.00 1.50
 ** receptor =B1091+1 (sensitive receptor: C1050)
 DISCCART 407587.495393284 3758287.50144976 0.00 1.50
 ** receptor =B1092+1 (sensitive receptor: C1051)
 DISCCART 407587.495393284 3758262.50653741 0.00 1.50
 ** receptor =B1093+1 (sensitive receptor: C1052)
 DISCCART 407587.495393284 3758237.50162708 0.00 1.50
 ** receptor =B1094+1 (sensitive receptor: C1053)
 DISCCART 407587.495393284 3758212.50671473 0.00 1.50
 ** receptor =B1095+1 (sensitive receptor: C1054)
 DISCCART 407587.495393284 3758187.5018044 0.00 1.50
 ** receptor =B1096+1 (sensitive receptor: C1055)
 DISCCART 407587.495393284 3758162.50689204 0.00 1.50
 ** receptor =B1097+1 (sensitive receptor: C1056)
 DISCCART 407587.495393284 3758137.50198172 0.00 1.50
 ** receptor =B1098+1 (sensitive receptor: C1057)
 DISCCART 407612.49679319 3758512.50565081 0.00 1.50
 ** receptor =B1099+1 (sensitive receptor: C1058)
 DISCCART 407612.49679319 3758487.50074049 0.00 1.50
 ** receptor =B1100+1 (sensitive receptor: C1059)
 DISCCART 407612.49679319 3758462.50582813 0.00 1.50
 ** receptor =B1101+1 (sensitive receptor: C1060)
 DISCCART 407612.49679319 3758437.50091781 0.00 1.50
 ** receptor =B1102+1 (sensitive receptor: C1061)
 DISCCART 407612.49679319 3758412.50600545 0.00 1.50
 ** receptor =B1103+1 (sensitive receptor: C1062)
 DISCCART 407612.49679319 3758387.50109513 0.00 1.50
 ** receptor =B1104+1 (sensitive receptor: C1063)
 DISCCART 407612.49679319 3758362.50618277 0.00 1.50
 ** receptor =B1105+1 (sensitive receptor: C1064)
 DISCCART 407612.49679319 3758337.50127244 0.00 1.50
 ** receptor =B1106+1 (sensitive receptor: C1065)
 DISCCART 407612.49679319 3758312.50636009 0.00 1.50
 ** receptor =B1107+1 (sensitive receptor: C1066)
 DISCCART 407612.49679319 3758287.50144976 0.00 1.50
 ** receptor =B1108+1 (sensitive receptor: C1067)
 DISCCART 407612.49679319 3758262.50653741 0.00 1.50
 ** receptor =B1109+1 (sensitive receptor: C1068)
 DISCCART 407612.49679319 3758237.50162708 0.00 1.50
 ** receptor =B1110+1 (sensitive receptor: C1069)
 DISCCART 407612.49679319 3758212.50671473 0.00 1.50
 ** receptor =B1111+1 (sensitive receptor: C1070)
 DISCCART 407612.49679319 3758187.5018044 0.00 1.50
 ** receptor =B1112+1 (sensitive receptor: C1071)
 DISCCART 407612.49679319 3758162.50689204 0.00 1.50
 ** receptor =B1113+1 (sensitive receptor: C1072)
 DISCCART 407612.49679319 3758137.50198172 0.00 1.50
 ** receptor =B1114+1 (sensitive receptor: C1073)
 DISCCART 407637.498193095 3758512.50565081 0.00 1.50
 ** receptor =B1115+1 (sensitive receptor: C1074)
 DISCCART 407637.498193095 3758487.50074049 0.00 1.50
 ** receptor =B1116+1 (sensitive receptor: C1075)
 DISCCART 407637.498193095 3758462.50582813 0.00 1.50
 ** receptor =B1117+1 (sensitive receptor: C1076)
 DISCCART 407637.498193095 3758437.50091781 0.00 1.50
 ** receptor =B1118+1 (sensitive receptor: C1077)
 DISCCART 407637.498193095 3758412.50600545 0.00 1.50
 ** receptor =B1119+1 (sensitive receptor: C1078)
 DISCCART 407637.498193095 3758387.50109513 0.00 1.50
 ** receptor =B1120+1 (sensitive receptor: C1079)
 DISCCART 407637.498193095 3758362.50618277 0.00 1.50
 ** receptor =B1121+1 (sensitive receptor: C1080)
 DISCCART 407637.498193095 3758337.50127244 0.00 1.50
 ** receptor =B1122+1 (sensitive receptor: C1081)
 DISCCART 407637.498193095 3758312.50636009 0.00 1.50
 ** receptor =B1123+1 (sensitive receptor: C1082)
 DISCCART 407637.498193095 3758287.50144976 0.00 1.50
 ** receptor =B1124+1 (sensitive receptor: C1083)
 DISCCART 407637.498193095 3758262.50653741 0.00 1.50
 ** receptor =B1125+1 (sensitive receptor: C1084)

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DISCCART 407637.498193095 3758237.50162708 0.00 1.50
 ** receptor =B1126+1 (sensitive receptor: C1085)
 DISCCART 407637.498193095 3758212.50671473 0.00 1.50
 ** receptor =B1127+1 (sensitive receptor: C1086)
 DISCCART 407637.498193095 3758187.5018044 0.00 1.50
 ** receptor =B1128+1 (sensitive receptor: C1087)
 DISCCART 407637.498193095 3758162.50689204 0.00 1.50
 ** receptor =B1129+1 (sensitive receptor: C1088)
 DISCCART 407637.498193095 3758137.50198172 0.00 1.50
 ** receptor =B1130+1 (sensitive receptor: C1089)
 DISCCART 407662.499593001 3758512.50565081 0.00 1.50
 ** receptor =B1131+1 (sensitive receptor: C1090)
 DISCCART 407662.499593001 3758487.50074049 0.00 1.50
 ** receptor =B1132+1 (sensitive receptor: C1091)
 DISCCART 407662.499593001 3758462.50582813 0.00 1.50
 ** receptor =B1133+1 (sensitive receptor: C1092)
 DISCCART 407662.499593001 3758437.50091781 0.00 1.50
 ** receptor =B1134+1 (sensitive receptor: C1093)
 DISCCART 407662.499593001 3758412.50600545 0.00 1.50
 ** receptor =B1135+1 (sensitive receptor: C1094)
 DISCCART 407662.499593001 3758387.50109513 0.00 1.50
 ** receptor =B1136+1 (sensitive receptor: C1095)
 DISCCART 407662.499593001 3758362.50618277 0.00 1.50
 ** receptor =B1137+1 (sensitive receptor: C1096)
 DISCCART 407662.499593001 3758337.50127244 0.00 1.50
 ** receptor =B1138+1 (sensitive receptor: C1097)
 DISCCART 407662.499593001 3758312.50636009 0.00 1.50
 ** receptor =B1139+1 (sensitive receptor: C1098)
 DISCCART 407662.499593001 3758287.50144976 0.00 1.50
 ** receptor =B1140+1 (sensitive receptor: C1099)
 DISCCART 407662.499593001 3758262.50653741 0.00 1.50
 ** receptor =B1141+1 (sensitive receptor: C1100)
 DISCCART 407662.499593001 3758237.50162708 0.00 1.50
 ** receptor =B1142+1 (sensitive receptor: C1101)
 DISCCART 407662.499593001 3758212.50671473 0.00 1.50
 ** receptor =B1143+1 (sensitive receptor: C1102)
 DISCCART 407662.499593001 3758187.5018044 0.00 1.50
 ** receptor =B1144+1 (sensitive receptor: C1103)
 DISCCART 407662.499593001 3758162.50689204 0.00 1.50
 ** receptor =B1145+1 (sensitive receptor: C1104)
 DISCCART 407662.499593001 3758137.50198172 0.00 1.50
 ** receptor =B1146+1 (sensitive receptor: C1105)
 DISCCART 407687.500992907 3758512.50565081 0.00 1.50
 ** receptor =B1147+1 (sensitive receptor: C1106)
 DISCCART 407687.500992907 3758487.50074049 0.00 1.50
 ** receptor =B1148+1 (sensitive receptor: C1107)
 DISCCART 407687.500992907 3758462.50582813 0.00 1.50
 ** receptor =B1149+1 (sensitive receptor: C1108)
 DISCCART 407687.500992907 3758437.50091781 0.00 1.50
 ** receptor =B1150+1 (sensitive receptor: C1109)
 DISCCART 407687.500992907 3758412.50600545 0.00 1.50
 ** receptor =B1151+1 (sensitive receptor: C1110)
 DISCCART 407687.500992907 3758387.50109513 0.00 1.50
 ** receptor =B1152+1 (sensitive receptor: C1111)
 DISCCART 407687.500992907 3758362.50618277 0.00 1.50
 ** receptor =B1153+1 (sensitive receptor: C1112)
 DISCCART 407687.500992907 3758337.50127244 0.00 1.50
 ** receptor =B1154+1 (sensitive receptor: C1113)
 DISCCART 407687.500992907 3758312.50636009 0.00 1.50
 ** receptor =B1155+1 (sensitive receptor: C1114)
 DISCCART 407687.500992907 3758287.50144976 0.00 1.50
 ** receptor =B1156+1 (sensitive receptor: C1115)
 DISCCART 407687.500992907 3758262.50653741 0.00 1.50
 ** receptor =B1157+1 (sensitive receptor: C1116)
 DISCCART 407687.500992907 3758237.50162708 0.00 1.50
 ** receptor =B1158+1 (sensitive receptor: C1117)
 DISCCART 407687.500992907 3758212.50671473 0.00 1.50
 ** receptor =B1159+1 (sensitive receptor: C1118)
 DISCCART 407687.500992907 3758187.5018044 0.00 1.50
 ** receptor =B1160+1 (sensitive receptor: C1119)
 DISCCART 407687.500992907 3758162.50689204 0.00 1.50
 ** receptor =B1161+1 (sensitive receptor: C1120)
 DISCCART 407687.500992907 3758137.50198172 0.00 1.50
 ** receptor =B1162+1 (sensitive receptor: C1121)
 DISCCART 407712.502392812 3758512.50565081 0.00 1.50
 ** receptor =B1163+1 (sensitive receptor: C1122)

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DISCCART 407712.502392812 3758487.50074049 0.00 1.50
 ** receptor =B1164+1 (sensitive receptor: C1123)
 DISCCART 407712.502392812 3758462.50582813 0.00 1.50
 ** receptor =B1165+1 (sensitive receptor: C1124)
 DISCCART 407712.502392812 3758437.50091781 0.00 1.50
 ** receptor =B1166+1 (sensitive receptor: C1125)
 DISCCART 407712.502392812 3758412.50600545 0.00 1.50
 ** receptor =B1167+1 (sensitive receptor: C1126)
 DISCCART 407712.502392812 3758387.50109513 0.00 1.50
 ** receptor =B1168+1 (sensitive receptor: C1127)
 DISCCART 407712.502392812 3758362.50618277 0.00 1.50
 ** receptor =B1169+1 (sensitive receptor: C1128)
 DISCCART 407712.502392812 3758337.50127244 0.00 1.50
 ** receptor =B1170+1 (sensitive receptor: C1129)
 DISCCART 407712.502392812 3758312.50636009 0.00 1.50
 ** receptor =B1171+1 (sensitive receptor: C1130)
 DISCCART 407712.502392812 3758287.50144976 0.00 1.50
 ** receptor =B1172+1 (sensitive receptor: C1131)
 DISCCART 407712.502392812 3758262.50653741 0.00 1.50
 ** receptor =B1173+1 (sensitive receptor: C1132)
 DISCCART 407712.502392812 3758237.50162708 0.00 1.50
 ** receptor =B1174+1 (sensitive receptor: C1133)
 DISCCART 407712.502392812 3758212.50671473 0.00 1.50
 ** receptor =B1175+1 (sensitive receptor: C1134)
 DISCCART 407712.502392812 3758187.5018044 0.00 1.50
 ** receptor =B1176+1 (sensitive receptor: C1135)
 DISCCART 407712.502392812 3758162.50689204 0.00 1.50
 ** receptor =B1177+1 (sensitive receptor: C1136)
 DISCCART 407712.502392812 3758137.50198172 0.00 1.50
 ** receptor =B1178+1 (sensitive receptor: C1137)
 DISCCART 407737.495546874 3758512.50565081 0.00 1.50
 ** receptor =B1179+1 (sensitive receptor: C1138)
 DISCCART 407737.495546874 3758487.50074049 0.00 1.50
 ** receptor =B1180+1 (sensitive receptor: C1139)
 DISCCART 407737.495546874 3758462.50582813 0.00 1.50
 ** receptor =B1181+1 (sensitive receptor: C1140)
 DISCCART 407737.495546874 3758437.50091781 0.00 1.50
 ** receptor =B1182+1 (sensitive receptor: C1141)
 DISCCART 407737.495546874 3758412.50600545 0.00 1.50
 ** receptor =B1183+1 (sensitive receptor: C1142)
 DISCCART 407737.495546874 3758387.50109513 0.00 1.50
 ** receptor =B1184+1 (sensitive receptor: C1143)
 DISCCART 407737.495546874 3758362.50618277 0.00 1.50
 ** receptor =B1185+1 (sensitive receptor: C1144)
 DISCCART 407737.495546874 3758337.50127244 0.00 1.50
 ** receptor =B1186+1 (sensitive receptor: C1145)
 DISCCART 407737.495546874 3758312.50636009 0.00 1.50
 ** receptor =B1187+1 (sensitive receptor: C1146)
 DISCCART 407737.495546874 3758287.50144976 0.00 1.50
 ** receptor =B1188+1 (sensitive receptor: C1147)
 DISCCART 407737.495546874 3758262.50653741 0.00 1.50
 ** receptor =B1189+1 (sensitive receptor: C1148)
 DISCCART 407737.495546874 3758237.50162708 0.00 1.50
 ** receptor =B1190+1 (sensitive receptor: C1149)
 DISCCART 407737.495546874 3758212.50671473 0.00 1.50
 ** receptor =B1191+1 (sensitive receptor: C1150)
 DISCCART 407737.495546874 3758187.5018044 0.00 1.50
 ** receptor =B1192+1 (sensitive receptor: C1151)
 DISCCART 407737.495546874 3758162.50689204 0.00 1.50
 ** receptor =B1193+1 (sensitive receptor: C1152)
 DISCCART 407737.495546874 3758137.50198172 0.00 1.50
 ** receptor =B1194+1 (sensitive receptor: C1153)
 DISCCART 407762.496946779 3758512.50565081 0.00 1.50
 ** receptor =B1195+1 (sensitive receptor: C1154)
 DISCCART 407762.496946779 3758487.50074049 0.00 1.50
 ** receptor =B1196+1 (sensitive receptor: C1155)
 DISCCART 407762.496946779 3758462.50582813 0.00 1.50
 ** receptor =B1197+1 (sensitive receptor: C1156)
 DISCCART 407762.496946779 3758437.50091781 0.00 1.50
 ** receptor =B1198+1 (sensitive receptor: C1157)
 DISCCART 407762.496946779 3758412.50600545 0.00 1.50
 ** receptor =B1199+1 (sensitive receptor: C1158)
 DISCCART 407762.496946779 3758387.50109513 0.00 1.50
 ** receptor =B1200+1 (sensitive receptor: C1159)
 DISCCART 407762.496946779 3758362.50618277 0.00 1.50
 ** receptor =B1201+1 (sensitive receptor: C1160)

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** receptor	DISCCART	407762.496946779	3758337.50127244	0.00	1.50
** receptor	=B1202+1 (sensitive receptor: C1161)				
** receptor	DISCCART	407762.496946779	3758312.50636009	0.00	1.50
** receptor	=B1203+1 (sensitive receptor: C1162)				
** receptor	DISCCART	407762.496946779	3758287.50144976	0.00	1.50
** receptor	=B1204+1 (sensitive receptor: C1163)				
** receptor	DISCCART	407762.496946779	3758262.50653741	0.00	1.50
** receptor	=B1205+1 (sensitive receptor: C1164)				
** receptor	DISCCART	407762.496946779	3758237.50162708	0.00	1.50
** receptor	=B1206+1 (sensitive receptor: C1165)				
** receptor	DISCCART	407762.496946779	3758212.50671473	0.00	1.50
** receptor	=B1207+1 (sensitive receptor: C1166)				
** receptor	DISCCART	407762.496946779	3758187.5018044	0.00	1.50
** receptor	=B1208+1 (sensitive receptor: C1167)				
** receptor	DISCCART	407762.496946779	3758162.50689204	0.00	1.50
** receptor	=B1209+1 (sensitive receptor: C1168)				
** receptor	DISCCART	407762.496946779	3758137.50198172	0.00	1.50
** receptor	=B1210+1 (sensitive receptor: C1169)				
** receptor	DISCCART	407787.498346685	3758512.50565081	0.00	1.50
** receptor	=B1211+1 (sensitive receptor: C1170)				
** receptor	DISCCART	407787.498346685	3758487.50074049	0.00	1.50
** receptor	=B1212+1 (sensitive receptor: C1171)				
** receptor	DISCCART	407787.498346685	3758462.50582813	0.00	1.50
** receptor	=B1213+1 (sensitive receptor: C1172)				
** receptor	DISCCART	407787.498346685	3758437.50091781	0.00	1.50
** receptor	=B1214+1 (sensitive receptor: C1173)				
** receptor	DISCCART	407787.498346685	3758412.50600545	0.00	1.50
** receptor	=B1215+1 (sensitive receptor: C1174)				
** receptor	DISCCART	407787.498346685	3758387.50109513	0.00	1.50
** receptor	=B1216+1 (sensitive receptor: C1175)				
** receptor	DISCCART	407787.498346685	3758362.50618277	0.00	1.50
** receptor	=B1217+1 (sensitive receptor: C1176)				
** receptor	DISCCART	407787.498346685	3758337.50127244	0.00	1.50
** receptor	=B1218+1 (sensitive receptor: C1177)				
** receptor	DISCCART	407787.498346685	3758312.50636009	0.00	1.50
** receptor	=B1219+1 (sensitive receptor: C1178)				
** receptor	DISCCART	407787.498346685	3758287.50144976	0.00	1.50
** receptor	=B1220+1 (sensitive receptor: C1179)				
** receptor	DISCCART	407787.498346685	3758262.50653741	0.00	1.50
** receptor	=B1221+1 (sensitive receptor: C1180)				
** receptor	DISCCART	407787.498346685	3758237.50162708	0.00	1.50
** receptor	=B1222+1 (sensitive receptor: C1181)				
** receptor	DISCCART	407787.498346685	3758212.50671473	0.00	1.50
** receptor	=B1223+1 (sensitive receptor: C1182)				
** receptor	DISCCART	407787.498346685	3758187.5018044	0.00	1.50
** receptor	=B1224+1 (sensitive receptor: C1183)				
** receptor	DISCCART	407787.498346685	3758162.50689204	0.00	1.50
** receptor	=B1225+1 (sensitive receptor: C1184)				
** receptor	DISCCART	407787.498346685	3758137.50198172	0.00	1.50
** receptor	=B1226+1 (sensitive receptor: C1185)				
** receptor	DISCCART	407812.49974659	3758512.50565081	0.00	1.50
** receptor	=B1227+1 (sensitive receptor: C1186)				
** receptor	DISCCART	407812.49974659	3758487.50074049	0.00	1.50
** receptor	=B1228+1 (sensitive receptor: C1187)				
** receptor	DISCCART	407812.49974659	3758462.50582813	0.00	1.50
** receptor	=B1229+1 (sensitive receptor: C1188)				
** receptor	DISCCART	407812.49974659	3758437.50091781	0.00	1.50
** receptor	=B1230+1 (sensitive receptor: C1189)				
** receptor	DISCCART	407812.49974659	3758412.50600545	0.00	1.50
** receptor	=B1231+1 (sensitive receptor: C1190)				
** receptor	DISCCART	407812.49974659	3758387.50109513	0.00	1.50
** receptor	=B1232+1 (sensitive receptor: C1191)				
** receptor	DISCCART	407812.49974659	3758362.50618277	0.00	1.50
** receptor	=B1233+1 (sensitive receptor: C1192)				
** receptor	DISCCART	407812.49974659	3758337.50127244	0.00	1.50
** receptor	=B1234+1 (sensitive receptor: C1193)				
** receptor	DISCCART	407812.49974659	3758312.50636009	0.00	1.50
** receptor	=B1235+1 (sensitive receptor: C1194)				
** receptor	DISCCART	407812.49974659	3758287.50144976	0.00	1.50
** receptor	=B1236+1 (sensitive receptor: C1195)				
** receptor	DISCCART	407812.49974659	3758262.50653741	0.00	1.50
** receptor	=B1237+1 (sensitive receptor: C1196)				
** receptor	DISCCART	407812.49974659	3758237.50162708	0.00	1.50
** receptor	=B1238+1 (sensitive receptor: C1197)				
** receptor	DISCCART	407812.49974659	3758212.50671473	0.00	1.50
** receptor	=B1239+1 (sensitive receptor: C1198)				

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DISCCART 407812.49974659 3758187.5018044 0.00 1.50
 ** receptor =B1240+1 (sensitive receptor: C1199)
 DISCCART 407812.49974659 3758162.50689204 0.00 1.50
 ** receptor =B1241+1 (sensitive receptor: C1200)
 DISCCART 407812.49974659 3758137.50198172 0.00 1.50
 ** receptor =B1242+1 (sensitive receptor: C1201)
 DISCCART 407837.501146496 3758512.50565081 0.00 1.50
 ** receptor =B1243+1 (sensitive receptor: C1202)
 DISCCART 407837.501146496 3758487.50074049 0.00 1.50
 ** receptor =B1244+1 (sensitive receptor: C1203)
 DISCCART 407837.501146496 3758462.50582813 0.00 1.50
 ** receptor =B1245+1 (sensitive receptor: C1204)
 DISCCART 407837.501146496 3758437.50091781 0.00 1.50
 ** receptor =B1246+1 (sensitive receptor: C1205)
 DISCCART 407837.501146496 3758412.50600545 0.00 1.50
 ** receptor =B1247+1 (sensitive receptor: C1206)
 DISCCART 407837.501146496 3758387.50109513 0.00 1.50
 ** receptor =B1248+1 (sensitive receptor: C1207)
 DISCCART 407837.501146496 3758362.50618277 0.00 1.50
 ** receptor =B1249+1 (sensitive receptor: C1208)
 DISCCART 407837.501146496 3758337.50127244 0.00 1.50
 ** receptor =B1250+1 (sensitive receptor: C1209)
 DISCCART 407837.501146496 3758312.50636009 0.00 1.50
 ** receptor =B1251+1 (sensitive receptor: C1210)
 DISCCART 407837.501146496 3758287.50144976 0.00 1.50
 ** receptor =B1252+1 (sensitive receptor: C1211)
 DISCCART 407837.501146496 3758262.50653741 0.00 1.50
 ** receptor =B1253+1 (sensitive receptor: C1212)
 DISCCART 407837.501146496 3758237.50162708 0.00 1.50
 ** receptor =B1254+1 (sensitive receptor: C1213)
 DISCCART 407837.501146496 3758212.50671473 0.00 1.50
 ** receptor =B1255+1 (sensitive receptor: C1214)
 DISCCART 407837.501146496 3758187.5018044 0.00 1.50
 ** receptor =B1256+1 (sensitive receptor: C1215)
 DISCCART 407837.501146496 3758162.50689204 0.00 1.50
 ** receptor =B1257+1 (sensitive receptor: C1216)
 DISCCART 407837.501146496 3758137.50198172 0.00 1.50
 ** receptor =B1258+1 (sensitive receptor: C1217)
 DISCCART 407862.502546402 3758512.50565081 0.00 1.50
 ** receptor =B1259+1 (sensitive receptor: C1218)
 DISCCART 407862.502546402 3758487.50074049 0.00 1.50
 ** receptor =B1260+1 (sensitive receptor: C1219)
 DISCCART 407862.502546402 3758462.50582813 0.00 1.50
 ** receptor =B1261+1 (sensitive receptor: C1220)
 DISCCART 407862.502546402 3758437.50091781 0.00 1.50
 ** receptor =B1262+1 (sensitive receptor: C1221)
 DISCCART 407862.502546402 3758412.50600545 0.00 1.50
 ** receptor =B1263+1 (sensitive receptor: C1222)
 DISCCART 407862.502546402 3758387.50109513 0.00 1.50
 ** receptor =B1264+1 (sensitive receptor: C1223)
 DISCCART 407862.502546402 3758362.50618277 0.00 1.50
 ** receptor =B1265+1 (sensitive receptor: C1224)
 DISCCART 407862.502546402 3758337.50127244 0.00 1.50
 ** receptor =B1266+1 (sensitive receptor: C1225)
 DISCCART 407862.502546402 3758312.50636009 0.00 1.50
 ** receptor =B1267+1 (sensitive receptor: C1226)
 DISCCART 407862.502546402 3758287.50144976 0.00 1.50
 ** receptor =B1268+1 (sensitive receptor: C1227)
 DISCCART 407862.502546402 3758262.50653741 0.00 1.50
 ** receptor =B1269+1 (sensitive receptor: C1228)
 DISCCART 407862.502546402 3758237.50162708 0.00 1.50
 ** receptor =B1270+1 (sensitive receptor: C1229)
 DISCCART 407862.502546402 3758212.50671473 0.00 1.50
 ** receptor =B1271+1 (sensitive receptor: C1230)
 DISCCART 407862.502546402 3758187.5018044 0.00 1.50
 ** receptor =B1272+1 (sensitive receptor: C1231)
 DISCCART 407862.502546402 3758162.50689204 0.00 1.50
 ** receptor =B1273+1 (sensitive receptor: C1232)
 DISCCART 407862.502546402 3758137.50198172 0.00 1.50
 ** receptor =B1274+1 (sensitive receptor: C1233)
 DISCCART 407887.503946307 3758512.50565081 0.00 1.50
 ** receptor =B1275+1 (sensitive receptor: C1234)
 DISCCART 407887.503946307 3758487.50074049 0.00 1.50
 ** receptor =B1276+1 (sensitive receptor: C1235)
 DISCCART 407887.503946307 3758462.50582813 0.00 1.50
 ** receptor =B1277+1 (sensitive receptor: C1236)

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DISCCART 407887.503946307 3758437.50091781 0.00 1.50
 ** receptor =B1278+1 (sensitive receptor: C1237)
 DISCCART 407887.503946307 3758412.50600545 0.00 1.50
 ** receptor =B1279+1 (sensitive receptor: C1238)
 DISCCART 407887.503946307 3758387.50109513 0.00 1.50
 ** receptor =B1280+1 (sensitive receptor: C1239)
 DISCCART 407887.503946307 3758362.50618277 0.00 1.50
 ** receptor =B1281+1 (sensitive receptor: C1240)
 DISCCART 407887.503946307 3758337.50127244 0.00 1.50
 ** receptor =B1282+1 (sensitive receptor: C1241)
 DISCCART 407887.503946307 3758312.50636009 0.00 1.50
 ** receptor =B1283+1 (sensitive receptor: C1242)
 DISCCART 407887.503946307 3758287.50144976 0.00 1.50
 ** receptor =B1284+1 (sensitive receptor: C1243)
 DISCCART 407887.503946307 3758262.50653741 0.00 1.50
 ** receptor =B1285+1 (sensitive receptor: C1244)
 DISCCART 407887.503946307 3758237.50162708 0.00 1.50
 ** receptor =B1286+1 (sensitive receptor: C1245)
 DISCCART 407887.503946307 3758212.50671473 0.00 1.50
 ** receptor =B1287+1 (sensitive receptor: C1246)
 DISCCART 407887.503946307 3758187.5018044 0.00 1.50
 ** receptor =B1288+1 (sensitive receptor: C1247)
 DISCCART 407887.503946307 3758162.50689204 0.00 1.50
 ** receptor =B1289+1 (sensitive receptor: C1248)
 DISCCART 407887.503946307 3758137.50198172 0.00 1.50
 ** receptor =B1290+1 (sensitive receptor: C1249)
 DISCCART 407912.497100369 3758512.50565081 0.00 1.50
 ** receptor =B1291+1 (sensitive receptor: C1250)
 DISCCART 407912.497100369 3758487.50074049 0.00 1.50
 ** receptor =B1292+1 (sensitive receptor: C1251)
 DISCCART 407912.497100369 3758462.50582813 0.00 1.50
 ** receptor =B1293+1 (sensitive receptor: C1252)
 DISCCART 407912.497100369 3758437.50091781 0.00 1.50
 ** receptor =B1294+1 (sensitive receptor: C1253)
 DISCCART 407912.497100369 3758412.50600545 0.00 1.50
 ** receptor =B1295+1 (sensitive receptor: C1254)
 DISCCART 407912.497100369 3758387.50109513 0.00 1.50
 ** receptor =B1296+1 (sensitive receptor: C1255)
 DISCCART 407912.497100369 3758362.50618277 0.00 1.50
 ** receptor =B1297+1 (sensitive receptor: C1256)
 DISCCART 407912.497100369 3758337.50127244 0.00 1.50
 ** receptor =B1298+1 (sensitive receptor: C1257)
 DISCCART 407912.497100369 3758312.50636009 0.00 1.50
 ** receptor =B1299+1 (sensitive receptor: C1258)
 DISCCART 407912.497100369 3758287.50144976 0.00 1.50
 ** receptor =B1300+1 (sensitive receptor: C1259)
 DISCCART 407912.497100369 3758262.50653741 0.00 1.50
 ** receptor =B1301+1 (sensitive receptor: C1260)
 DISCCART 407912.497100369 3758237.50162708 0.00 1.50
 ** receptor =B1302+1 (sensitive receptor: C1261)
 DISCCART 407912.497100369 3758212.50671473 0.00 1.50
 ** receptor =B1303+1 (sensitive receptor: C1262)
 DISCCART 407912.497100369 3758187.5018044 0.00 1.50
 ** receptor =B1304+1 (sensitive receptor: C1263)
 DISCCART 407912.497100369 3758162.50689204 0.00 1.50
 ** receptor =B1305+1 (sensitive receptor: C1264)
 DISCCART 407912.497100369 3758137.50198172 0.00 1.50
 ** receptor =B1306+1 (sensitive receptor: C1265)
 DISCCART 407937.498500274 3758512.50565081 0.00 1.50
 ** receptor =B1307+1 (sensitive receptor: C1266)
 DISCCART 407937.498500274 3758487.50074049 0.00 1.50
 ** receptor =B1308+1 (sensitive receptor: C1267)
 DISCCART 407937.498500274 3758462.50582813 0.00 1.50
 ** receptor =B1309+1 (sensitive receptor: C1268)
 DISCCART 407937.498500274 3758437.50091781 0.00 1.50
 ** receptor =B1310+1 (sensitive receptor: C1269)
 DISCCART 407937.498500274 3758412.50600545 0.00 1.50
 ** receptor =B1311+1 (sensitive receptor: C1270)
 DISCCART 407937.498500274 3758387.50109513 0.00 1.50
 ** receptor =B1312+1 (sensitive receptor: C1271)
 DISCCART 407937.498500274 3758362.50618277 0.00 1.50
 ** receptor =B1313+1 (sensitive receptor: C1272)
 DISCCART 407937.498500274 3758337.50127244 0.00 1.50
 ** receptor =B1314+1 (sensitive receptor: C1273)
 DISCCART 407937.498500274 3758312.50636009 0.00 1.50
 ** receptor =B1315+1 (sensitive receptor: C1274)

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DISCCART 407937.498500274 3758287.50144976 0.00 1.50
 ** receptor =B1316+1 (sensitive receptor: C1275)
 DISCCART 407937.498500274 3758262.50653741 0.00 1.50
 ** receptor =B1317+1 (sensitive receptor: C1276)
 DISCCART 407937.498500274 3758237.50162708 0.00 1.50
 ** receptor =B1318+1 (sensitive receptor: C1277)
 DISCCART 407937.498500274 3758212.50671473 0.00 1.50
 ** receptor =B1319+1 (sensitive receptor: C1278)
 DISCCART 407937.498500274 3758187.5018044 0.00 1.50
 ** receptor =B1320+1 (sensitive receptor: C1279)
 DISCCART 407937.498500274 3758162.50689204 0.00 1.50
 ** receptor =B1321+1 (sensitive receptor: C1280)
 DISCCART 407937.498500274 3758137.50198172 0.00 1.50
 ** receptor =B1322+1 (sensitive receptor: C1281)
 DISCCART 407962.49990018 3758512.50565081 0.00 1.50
 ** receptor =B1323+1 (sensitive receptor: C1282)
 DISCCART 407962.49990018 3758487.50074049 0.00 1.50
 ** receptor =B1324+1 (sensitive receptor: C1283)
 DISCCART 407962.49990018 3758462.50582813 0.00 1.50
 ** receptor =B1325+1 (sensitive receptor: C1284)
 DISCCART 407962.49990018 3758437.50091781 0.00 1.50
 ** receptor =B1326+1 (sensitive receptor: C1285)
 DISCCART 407962.49990018 3758412.50600545 0.00 1.50
 ** receptor =B1327+1 (sensitive receptor: C1286)
 DISCCART 407962.49990018 3758387.50109513 0.00 1.50
 ** receptor =B1328+1 (sensitive receptor: C1287)
 DISCCART 407962.49990018 3758362.50618277 0.00 1.50
 ** receptor =B1329+1 (sensitive receptor: C1288)
 DISCCART 407962.49990018 3758337.50127244 0.00 1.50
 ** receptor =B1330+1 (sensitive receptor: C1289)
 DISCCART 407962.49990018 3758312.50636009 0.00 1.50
 ** receptor =B1331+1 (sensitive receptor: C1290)
 DISCCART 407962.49990018 3758287.50144976 0.00 1.50
 ** receptor =B1332+1 (sensitive receptor: C1291)
 DISCCART 407962.49990018 3758262.50653741 0.00 1.50
 ** receptor =B1333+1 (sensitive receptor: C1292)
 DISCCART 407962.49990018 3758237.50162708 0.00 1.50
 ** receptor =B1334+1 (sensitive receptor: C1293)
 DISCCART 407962.49990018 3758212.50671473 0.00 1.50
 ** receptor =B1335+1 (sensitive receptor: C1294)
 DISCCART 407962.49990018 3758187.5018044 0.00 1.50
 ** receptor =B1336+1 (sensitive receptor: C1295)
 DISCCART 407962.49990018 3758162.50689204 0.00 1.50
 ** receptor =B1337+1 (sensitive receptor: C1296)
 DISCCART 407962.49990018 3758137.50198172 0.00 1.50
 ** receptor =B1338+1 (sensitive receptor: C1297)
 DISCCART 407987.501300085 3758512.50565081 0.00 1.50
 ** receptor =B1339+1 (sensitive receptor: C1298)
 DISCCART 407987.501300085 3758487.50074049 0.00 1.50
 ** receptor =B1340+1 (sensitive receptor: C1299)
 DISCCART 407987.501300085 3758462.50582813 0.00 1.50
 ** receptor =B1341+1 (sensitive receptor: C1300)
 DISCCART 407987.501300085 3758437.50091781 0.00 1.50
 ** receptor =B1342+1 (sensitive receptor: C1301)
 DISCCART 407987.501300085 3758412.50600545 0.00 1.50
 ** receptor =B1343+1 (sensitive receptor: C1302)
 DISCCART 407987.501300085 3758387.50109513 0.00 1.50
 ** receptor =B1344+1 (sensitive receptor: C1303)
 DISCCART 407987.501300085 3758362.50618277 0.00 1.50
 ** receptor =B1345+1 (sensitive receptor: C1304)
 DISCCART 407987.501300085 3758337.50127244 0.00 1.50
 ** receptor =B1346+1 (sensitive receptor: C1305)
 DISCCART 407987.501300085 3758312.50636009 0.00 1.50
 ** receptor =B1347+1 (sensitive receptor: C1306)
 DISCCART 407987.501300085 3758287.50144976 0.00 1.50
 ** receptor =B1348+1 (sensitive receptor: C1307)
 DISCCART 407987.501300085 3758262.50653741 0.00 1.50
 ** receptor =B1349+1 (sensitive receptor: C1308)
 DISCCART 407987.501300085 3758237.50162708 0.00 1.50
 ** receptor =B1350+1 (sensitive receptor: C1309)
 DISCCART 407987.501300085 3758212.50671473 0.00 1.50
 ** receptor =B1351+1 (sensitive receptor: C1310)
 DISCCART 407987.501300085 3758187.5018044 0.00 1.50
 ** receptor =B1352+1 (sensitive receptor: C1311)
 DISCCART 407987.501300085 3758162.50689204 0.00 1.50
 ** receptor =B1353+1 (sensitive receptor: C1312)

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DISCCART 407987.501300085 3758137.50198172 0.00 1.50
 ** receptor =B1354+1 (sensitive receptor: C1313)
 DISCCART 408012.502699991 3758512.50565081 0.00 1.50
 ** receptor =B1355+1 (sensitive receptor: C1314)
 DISCCART 408012.502699991 3758487.50074049 0.00 1.50
 ** receptor =B1356+1 (sensitive receptor: C1315)
 DISCCART 408012.502699991 3758462.50582813 0.00 1.50
 ** receptor =B1357+1 (sensitive receptor: C1316)
 DISCCART 408012.502699991 3758437.50091781 0.00 1.50
 ** receptor =B1358+1 (sensitive receptor: C1317)
 DISCCART 408012.502699991 3758412.50600545 0.00 1.50
 ** receptor =B1359+1 (sensitive receptor: C1318)
 DISCCART 408012.502699991 3758387.50109513 0.00 1.50
 ** receptor =B1360+1 (sensitive receptor: C1319)
 DISCCART 408012.502699991 3758362.50618277 0.00 1.50
 ** receptor =B1361+1 (sensitive receptor: C1320)
 DISCCART 408012.502699991 3758337.50127244 0.00 1.50
 ** receptor =B1362+1 (sensitive receptor: C1321)
 DISCCART 408012.502699991 3758312.50636009 0.00 1.50
 ** receptor =B1363+1 (sensitive receptor: C1322)
 DISCCART 408012.502699991 3758287.50144976 0.00 1.50
 ** receptor =B1364+1 (sensitive receptor: C1323)
 DISCCART 408012.502699991 3758262.50653741 0.00 1.50
 ** receptor =B1365+1 (sensitive receptor: C1324)
 DISCCART 408012.502699991 3758237.50162708 0.00 1.50
 ** receptor =B1366+1 (sensitive receptor: C1325)
 DISCCART 408012.502699991 3758212.50671473 0.00 1.50
 ** receptor =B1367+1 (sensitive receptor: C1326)
 DISCCART 408012.502699991 3758187.5018044 0.00 1.50
 ** receptor =B1368+1 (sensitive receptor: C1327)
 DISCCART 408012.502699991 3758162.50689204 0.00 1.50
 ** receptor =B1369+1 (sensitive receptor: C1328)
 DISCCART 408012.502699991 3758137.50198172 0.00 1.50
 ** receptor =B1370+1 (sensitive receptor: C1329)
 DISCCART 408037.495854052 3758512.50565081 0.00 1.50
 ** receptor =B1371+1 (sensitive receptor: C1330)
 DISCCART 408037.495854052 3758487.50074049 0.00 1.50
 ** receptor =B1372+1 (sensitive receptor: C1331)
 DISCCART 408037.495854052 3758462.50582813 0.00 1.50
 ** receptor =B1373+1 (sensitive receptor: C1332)
 DISCCART 408037.495854052 3758437.50091781 0.00 1.50
 ** receptor =B1374+1 (sensitive receptor: C1333)
 DISCCART 408037.495854052 3758412.50600545 0.00 1.50
 ** receptor =B1375+1 (sensitive receptor: C1334)
 DISCCART 408037.495854052 3758387.50109513 0.00 1.50
 ** receptor =B1376+1 (sensitive receptor: C1335)
 DISCCART 408037.495854052 3758362.50618277 0.00 1.50
 ** receptor =B1377+1 (sensitive receptor: C1336)
 DISCCART 408037.495854052 3758337.50127244 0.00 1.50
 ** receptor =B1378+1 (sensitive receptor: C1337)
 DISCCART 408037.495854052 3758312.50636009 0.00 1.50
 ** receptor =B1379+1 (sensitive receptor: C1338)
 DISCCART 408037.495854052 3758287.50144976 0.00 1.50
 ** receptor =B1380+1 (sensitive receptor: C1339)
 DISCCART 408037.495854052 3758262.50653741 0.00 1.50
 ** receptor =B1381+1 (sensitive receptor: C1340)
 DISCCART 408037.495854052 3758237.50162708 0.00 1.50
 ** receptor =B1382+1 (sensitive receptor: C1341)
 DISCCART 408037.495854052 3758212.50671473 0.00 1.50
 ** receptor =B1383+1 (sensitive receptor: C1342)
 DISCCART 408037.495854052 3758187.5018044 0.00 1.50
 ** receptor =B1384+1 (sensitive receptor: C1343)
 DISCCART 408037.495854052 3758162.50689204 0.00 1.50
 ** receptor =B1385+1 (sensitive receptor: C1344)
 DISCCART 408037.495854052 3758137.50198172 0.00 1.50
 ** receptor =B1386+1 (sensitive receptor: C1345)
 DISCCART 408062.497253958 3758512.50565081 0.00 1.50
 ** receptor =B1387+1 (sensitive receptor: C1346)
 DISCCART 408062.497253958 3758487.50074049 0.00 1.50
 ** receptor =B1388+1 (sensitive receptor: C1347)
 DISCCART 408062.497253958 3758462.50582813 0.00 1.50
 ** receptor =B1389+1 (sensitive receptor: C1348)
 DISCCART 408062.497253958 3758437.50091781 0.00 1.50
 ** receptor =B1390+1 (sensitive receptor: C1349)
 DISCCART 408062.497253958 3758412.50600545 0.00 1.50
 ** receptor =B1391+1 (sensitive receptor: C1350)

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DISCCART 408062.497253958 3758387.50109513 0.00 1.50
 ** receptor =B1392+1 (sensitive receptor: C1351)
 DISCCART 408062.497253958 3758362.50618277 0.00 1.50
 ** receptor =B1393+1 (sensitive receptor: C1352)
 DISCCART 408062.497253958 3758337.50127244 0.00 1.50
 ** receptor =B1394+1 (sensitive receptor: C1353)
 DISCCART 408062.497253958 3758312.50636009 0.00 1.50
 ** receptor =B1395+1 (sensitive receptor: C1354)
 DISCCART 408062.497253958 3758287.50144976 0.00 1.50
 ** receptor =B1396+1 (sensitive receptor: C1355)
 DISCCART 408062.497253958 3758262.50653741 0.00 1.50
 ** receptor =B1397+1 (sensitive receptor: C1356)
 DISCCART 408062.497253958 3758237.50162708 0.00 1.50
 ** receptor =B1398+1 (sensitive receptor: C1357)
 DISCCART 408062.497253958 3758212.50671473 0.00 1.50
 ** receptor =B1399+1 (sensitive receptor: C1358)
 DISCCART 408062.497253958 3758187.5018044 0.00 1.50
 ** receptor =B1400+1 (sensitive receptor: C1359)
 DISCCART 408062.497253958 3758162.50689204 0.00 1.50
 ** receptor =B1401+1 (sensitive receptor: C1360)
 DISCCART 408062.497253958 3758137.50198172 0.00 1.50
 ** receptor =B1402+1 (sensitive receptor: C1361)
 DISCCART 408087.498653864 3758512.50565081 0.00 1.50
 ** receptor =B1403+1 (sensitive receptor: C1362)
 DISCCART 408087.498653864 3758487.50074049 0.00 1.50
 ** receptor =B1404+1 (sensitive receptor: C1363)
 DISCCART 408087.498653864 3758462.50582813 0.00 1.50
 ** receptor =B1405+1 (sensitive receptor: C1364)
 DISCCART 408087.498653864 3758437.50091781 0.00 1.50
 ** receptor =B1406+1 (sensitive receptor: C1365)
 DISCCART 408087.498653864 3758412.50600545 0.00 1.50
 ** receptor =B1407+1 (sensitive receptor: C1366)
 DISCCART 408087.498653864 3758387.50109513 0.00 1.50
 ** receptor =B1408+1 (sensitive receptor: C1367)
 DISCCART 408087.498653864 3758362.50618277 0.00 1.50
 ** receptor =B1409+1 (sensitive receptor: C1368)
 DISCCART 408087.498653864 3758337.50127244 0.00 1.50
 ** receptor =B1410+1 (sensitive receptor: C1369)
 DISCCART 408087.498653864 3758312.50636009 0.00 1.50
 ** receptor =B1411+1 (sensitive receptor: C1370)
 DISCCART 408087.498653864 3758287.50144976 0.00 1.50
 ** receptor =B1412+1 (sensitive receptor: C1371)
 DISCCART 408087.498653864 3758262.50653741 0.00 1.50
 ** receptor =B1413+1 (sensitive receptor: C1372)
 DISCCART 408087.498653864 3758237.50162708 0.00 1.50
 ** receptor =B1414+1 (sensitive receptor: C1373)
 DISCCART 408087.498653864 3758212.50671473 0.00 1.50
 ** receptor =B1415+1 (sensitive receptor: C1374)
 DISCCART 408087.498653864 3758187.5018044 0.00 1.50
 ** receptor =B1416+1 (sensitive receptor: C1375)
 DISCCART 408087.498653864 3758162.50689204 0.00 1.50
 ** receptor =B1417+1 (sensitive receptor: C1376)
 DISCCART 408087.498653864 3758137.50198172 0.00 1.50
 ** receptor =B1418+1 (sensitive receptor: C1377)
 DISCCART 408112.500053769 3758512.50565081 0.00 1.50
 ** receptor =B1419+1 (sensitive receptor: C1378)
 DISCCART 408112.500053769 3758487.50074049 0.00 1.50
 ** receptor =B1420+1 (sensitive receptor: C1379)
 DISCCART 408112.500053769 3758462.50582813 0.00 1.50
 ** receptor =B1421+1 (sensitive receptor: C1380)
 DISCCART 408112.500053769 3758437.50091781 0.00 1.50
 ** receptor =B1422+1 (sensitive receptor: C1381)
 DISCCART 408112.500053769 3758412.50600545 0.00 1.50
 ** receptor =B1423+1 (sensitive receptor: C1382)
 DISCCART 408112.500053769 3758387.50109513 0.00 1.50
 ** receptor =B1424+1 (sensitive receptor: C1383)
 DISCCART 408112.500053769 3758362.50618277 0.00 1.50
 ** receptor =B1425+1 (sensitive receptor: C1384)
 DISCCART 408112.500053769 3758337.50127244 0.00 1.50
 ** receptor =B1426+1 (sensitive receptor: C1385)
 DISCCART 408112.500053769 3758312.50636009 0.00 1.50
 ** receptor =B1427+1 (sensitive receptor: C1386)
 DISCCART 408112.500053769 3758287.50144976 0.00 1.50
 ** receptor =B1428+1 (sensitive receptor: C1387)
 DISCCART 408112.500053769 3758262.50653741 0.00 1.50
 ** receptor =B1429+1 (sensitive receptor: C1388)

Appendix B

PM Annual Emissions Mitigated

** DISCCART	408112.500053769	3758237.50162708	0.00	1.50
** receptor	=B1430+1 (sensitive receptor: C1389)			
** DISCCART	408112.500053769	3758212.50671473	0.00	1.50
** receptor	=B1431+1 (sensitive receptor: C1390)			
** DISCCART	408112.500053769	3758187.5018044	0.00	1.50
** receptor	=B1432+1 (sensitive receptor: C1391)			
** DISCCART	408112.500053769	3758162.50689204	0.00	1.50
** receptor	=B1433+1 (sensitive receptor: C1392)			
** DISCCART	408112.500053769	3758137.50198172	0.00	1.50
** receptor	=B1434+1 (sensitive receptor: C1393)			
** DISCCART	405962.503349551	3758562.50547349	305.00	1.50
** receptor	=B1435+1 (sensitive receptor: C1394)			
** DISCCART	406012.497903518	3758562.50547349	310.40	1.50
** receptor	=B1436+1 (sensitive receptor: C1395)			
** DISCCART	406062.500703329	3758562.50547349	313.60	1.50
** receptor	=B1437+1 (sensitive receptor: C1396)			
** DISCCART	406112.495257296	3758562.50547349	318.20	1.50
** receptor	=B1438+1 (sensitive receptor: C1397)			
** DISCCART	406162.498057107	3758562.50547349	322.40	1.50
** receptor	=B1439+1 (sensitive receptor: C1398)			
** DISCCART	406212.500856919	3758562.50547349	328.40	1.50
** receptor	=B1440+1 (sensitive receptor: C1399)			
** DISCCART	406262.495410886	3758562.50547349	335.50	1.50
** receptor	=B1441+1 (sensitive receptor: C1400)			
** DISCCART	406312.498210697	3758562.50547349	341.60	1.50
** receptor	=B1442+1 (sensitive receptor: C1401)			
** DISCCART	406362.501010508	3758562.50547349	345.30	1.50
** receptor	=B1443+1 (sensitive receptor: C1402)			
** DISCCART	406412.503810319	3758562.50547349	351.00	1.50
** receptor	=B1444+1 (sensitive receptor: C1403)			
** DISCCART	406462.498364286	3758562.50547349	354.70	1.50
** receptor	=B1445+1 (sensitive receptor: C1404)			
** DISCCART	405962.503349551	3760012.50033123	750.90	1.50
** receptor	=B1446+1 (sensitive receptor: C1405)			
** DISCCART	405962.503349551	3759962.50050855	743.80	1.50
** receptor	=B1447+1 (sensitive receptor: C1406)			
** DISCCART	405962.503349551	3759912.50068587	723.60	1.50
** receptor	=B1448+1 (sensitive receptor: C1407)			
** DISCCART	405962.503349551	3759862.50086319	669.10	1.50
** receptor	=B1449+1 (sensitive receptor: C1408)			
** DISCCART	405962.503349551	3759812.50104051	634.60	1.50
** receptor	=B1450+1 (sensitive receptor: C1409)			
** DISCCART	405962.503349551	3759762.50121783	620.30	1.50
** receptor	=B1451+1 (sensitive receptor: C1410)			
** DISCCART	405962.503349551	3759712.50139515	564.10	1.50
** receptor	=B1452+1 (sensitive receptor: C1411)			
** DISCCART	405962.503349551	3759662.50157247	540.40	1.50
** receptor	=B1453+1 (sensitive receptor: C1412)			
** DISCCART	405962.503349551	3759612.50174979	524.00	1.50
** receptor	=B1454+1 (sensitive receptor: C1413)			
** DISCCART	405962.503349551	3759562.5019271	515.20	1.50
** receptor	=B1455+1 (sensitive receptor: C1414)			
** DISCCART	405962.503349551	3759512.50210442	526.20	1.50
** receptor	=B1456+1 (sensitive receptor: C1415)			
** DISCCART	405962.503349551	3759462.50228174	524.00	1.50
** receptor	=B1457+1 (sensitive receptor: C1416)			
** DISCCART	405962.503349551	3759412.50245906	505.00	1.50
** receptor	=B1458+1 (sensitive receptor: C1417)			
** DISCCART	405962.503349551	3759362.50263638	471.70	1.50
** receptor	=B1459+1 (sensitive receptor: C1418)			
** DISCCART	405962.503349551	3759312.5028137	439.90	1.50
** receptor	=B1460+1 (sensitive receptor: C1419)			
** DISCCART	405962.503349551	3759262.50299102	407.50	1.50
** receptor	=B1461+1 (sensitive receptor: C1420)			
** DISCCART	405962.503349551	3759212.50316834	382.00	1.50
** receptor	=B1462+1 (sensitive receptor: C1421)			
** DISCCART	405962.503349551	3759162.50334566	375.50	1.50
** receptor	=B1463+1 (sensitive receptor: C1422)			
** DISCCART	405962.503349551	3759112.50352298	368.90	1.50
** receptor	=B1464+1 (sensitive receptor: C1423)			
** DISCCART	405962.503349551	3759062.5037003	360.80	1.50
** receptor	=B1465+1 (sensitive receptor: C1424)			
** DISCCART	405962.503349551	3759012.50387762	356.30	1.50
** receptor	=B1466+1 (sensitive receptor: C1425)			
** DISCCART	405962.503349551	3758962.50405494	351.90	1.50
** receptor	=B1467+1 (sensitive receptor: C1426)			

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** DISCCART	405962.503349551	3758912.50423226	344.80	1.50
** receptor	=B1468+1 (sensitive receptor: C1427)			
** DISCCART	405962.503349551	3758862.50440957	339.90	1.50
** receptor	=B1469+1 (sensitive receptor: C1428)			
** DISCCART	405962.503349551	3758812.50458689	334.60	1.50
** receptor	=B1470+1 (sensitive receptor: C1429)			
** DISCCART	405962.503349551	3758762.50476421	326.80	1.50
** receptor	=B1471+1 (sensitive receptor: C1430)			
** DISCCART	405962.503349551	3758712.50494153	321.40	1.50
** receptor	=B1472+1 (sensitive receptor: C1431)			
** DISCCART	405962.503349551	3758662.50511885	315.30	1.50
** receptor	=B1473+1 (sensitive receptor: C1432)			
** DISCCART	405962.503349551	3758612.50529617	311.60	1.50
** receptor	=B1474+1 (sensitive receptor: C1433)			
** DISCCART	406012.497903518	3760012.50033123	745.20	1.50
** receptor	=B1475+1 (sensitive receptor: C1434)			
** DISCCART	406012.497903518	3759962.50050855	709.30	1.50
** receptor	=B1476+1 (sensitive receptor: C1435)			
** DISCCART	406012.497903518	3759912.50068587	657.10	1.50
** receptor	=B1477+1 (sensitive receptor: C1436)			
** DISCCART	406012.497903518	3759862.50086319	652.70	1.50
** receptor	=B1478+1 (sensitive receptor: C1437)			
** DISCCART	406012.497903518	3759812.50104051	630.20	1.50
** receptor	=B1479+1 (sensitive receptor: C1438)			
** DISCCART	406012.497903518	3759762.50121783	621.20	1.50
** receptor	=B1480+1 (sensitive receptor: C1439)			
** DISCCART	406012.497903518	3759712.50139515	609.80	1.50
** receptor	=B1481+1 (sensitive receptor: C1440)			
** DISCCART	406012.497903518	3759662.50157247	547.00	1.50
** receptor	=B1482+1 (sensitive receptor: C1441)			
** DISCCART	406012.497903518	3759612.50174979	536.20	1.50
** receptor	=B1483+1 (sensitive receptor: C1442)			
** DISCCART	406012.497903518	3759562.5019271	527.20	1.50
** receptor	=B1484+1 (sensitive receptor: C1443)			
** DISCCART	406012.497903518	3759512.50210442	527.40	1.50
** receptor	=B1485+1 (sensitive receptor: C1444)			
** DISCCART	406012.497903518	3759462.50228174	510.20	1.50
** receptor	=B1486+1 (sensitive receptor: C1445)			
** DISCCART	406012.497903518	3759412.50245906	484.30	1.50
** receptor	=B1487+1 (sensitive receptor: C1446)			
** DISCCART	406012.497903518	3759362.50263638	463.80	1.50
** receptor	=B1488+1 (sensitive receptor: C1447)			
** DISCCART	406012.497903518	3759312.5028137	437.80	1.50
** receptor	=B1489+1 (sensitive receptor: C1448)			
** DISCCART	406012.497903518	3759262.50299102	416.70	1.50
** receptor	=B1490+1 (sensitive receptor: C1449)			
** DISCCART	406012.497903518	3759212.50316834	383.40	1.50
** receptor	=B1491+1 (sensitive receptor: C1450)			
** DISCCART	406012.497903518	3759162.50334566	380.50	1.50
** receptor	=B1492+1 (sensitive receptor: C1451)			
** DISCCART	406012.497903518	3759112.50352298	374.40	1.50
** receptor	=B1493+1 (sensitive receptor: C1452)			
** DISCCART	406012.497903518	3759062.5037003	366.10	1.50
** receptor	=B1494+1 (sensitive receptor: C1453)			
** DISCCART	406012.497903518	3759012.50387762	359.70	1.50
** receptor	=B1495+1 (sensitive receptor: C1454)			
** DISCCART	406012.497903518	3758962.50405494	358.00	1.50
** receptor	=B1496+1 (sensitive receptor: C1455)			
** DISCCART	406012.497903518	3758912.50423226	351.40	1.50
** receptor	=B1497+1 (sensitive receptor: C1456)			
** DISCCART	406012.497903518	3758862.50440957	342.70	1.50
** receptor	=B1498+1 (sensitive receptor: C1457)			
** DISCCART	406012.497903518	3758812.50458689	336.60	1.50
** receptor	=B1499+1 (sensitive receptor: C1458)			
** DISCCART	406012.497903518	3758762.50476421	331.70	1.50
** receptor	=B1500+1 (sensitive receptor: C1459)			
** DISCCART	406012.497903518	3758712.50494153	324.70	1.50
** receptor	=B1501+1 (sensitive receptor: C1460)			
** DISCCART	406012.497903518	3758662.50511885	318.20	1.50
** receptor	=B1502+1 (sensitive receptor: C1461)			
** DISCCART	406012.497903518	3758612.50529617	313.60	1.50
** receptor	=B1503+1 (sensitive receptor: C1462)			
** DISCCART	406062.500703329	3760012.50033123	693.70	1.50
** receptor	=B1504+1 (sensitive receptor: C1463)			
** DISCCART	406062.500703329	3759812.50104051	547.90	1.50
** receptor	=B1505+1 (sensitive receptor: C1464)			

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DISCCART 406062.500703329 3759762.50121783 539.90 1.50
 ** receptor =B1506+1 (sensitive receptor: C1465)
 DISCCART 406062.500703329 3759712.50139515 551.10 1.50
 ** receptor =B1507+1 (sensitive receptor: C1466)
 DISCCART 406062.500703329 3759662.50157247 527.90 1.50
 ** receptor =B1508+1 (sensitive receptor: C1467)
 DISCCART 406062.500703329 3759612.50174979 525.00 1.50
 ** receptor =B1509+1 (sensitive receptor: C1468)
 DISCCART 406062.500703329 3759562.5019271 495.30 1.50
 ** receptor =B1510+1 (sensitive receptor: C1469)
 DISCCART 406062.500703329 3759512.50210442 470.80 1.50
 ** receptor =B1511+1 (sensitive receptor: C1470)
 DISCCART 406062.500703329 3759462.50228174 464.00 1.50
 ** receptor =B1512+1 (sensitive receptor: C1471)
 DISCCART 406062.500703329 3759412.50245906 448.20 1.50
 ** receptor =B1513+1 (sensitive receptor: C1472)
 DISCCART 406062.500703329 3759362.50263638 430.30 1.50
 ** receptor =B1514+1 (sensitive receptor: C1473)
 DISCCART 406062.500703329 3759312.5028137 423.40 1.50
 ** receptor =B1515+1 (sensitive receptor: C1474)
 DISCCART 406062.500703329 3759262.50299102 395.60 1.50
 ** receptor =B1516+1 (sensitive receptor: C1475)
 DISCCART 406062.500703329 3759212.50316834 392.40 1.50
 ** receptor =B1517+1 (sensitive receptor: C1476)
 DISCCART 406062.500703329 3759162.50334566 387.00 1.50
 ** receptor =B1518+1 (sensitive receptor: C1477)
 DISCCART 406062.500703329 3759112.50352298 380.50 1.50
 ** receptor =B1519+1 (sensitive receptor: C1478)
 DISCCART 406062.500703329 3759062.5037003 373.90 1.50
 ** receptor =B1520+1 (sensitive receptor: C1479)
 DISCCART 406062.500703329 3759012.50387762 368.30 1.50
 ** receptor =B1521+1 (sensitive receptor: C1480)
 DISCCART 406062.500703329 3758962.50405494 364.10 1.50
 ** receptor =B1522+1 (sensitive receptor: C1481)
 DISCCART 406062.500703329 3758912.50423226 356.30 1.50
 ** receptor =B1523+1 (sensitive receptor: C1482)
 DISCCART 406062.500703329 3758862.50440957 348.60 1.50
 ** receptor =B1524+1 (sensitive receptor: C1483)
 DISCCART 406062.500703329 3758812.50458689 342.70 1.50
 ** receptor =B1525+1 (sensitive receptor: C1484)
 DISCCART 406062.500703329 3758762.50476421 335.00 1.50
 ** receptor =B1526+1 (sensitive receptor: C1485)
 DISCCART 406062.500703329 3758712.50494153 328.40 1.50
 ** receptor =B1527+1 (sensitive receptor: C1486)
 DISCCART 406062.500703329 3758662.50511885 321.90 1.50
 ** receptor =B1528+1 (sensitive receptor: C1487)
 DISCCART 406062.500703329 3758612.50529617 318.20 1.50
 ** receptor =B1529+1 (sensitive receptor: C1488)
 DISCCART 406112.495257296 3760012.50033123 615.50 1.50
 ** receptor =B1530+1 (sensitive receptor: C1489)
 DISCCART 406112.495257296 3759812.50104051 485.40 1.50
 ** receptor =B1531+1 (sensitive receptor: C1490)
 DISCCART 406112.495257296 3759762.50121783 483.30 1.50
 ** receptor =B1532+1 (sensitive receptor: C1491)
 DISCCART 406112.495257296 3759712.50139515 478.00 1.50
 ** receptor =B1533+1 (sensitive receptor: C1492)
 DISCCART 406112.495257296 3759662.50157247 472.20 1.50
 ** receptor =B1534+1 (sensitive receptor: C1493)
 DISCCART 406112.495257296 3759612.50174979 469.00 1.50
 ** receptor =B1535+1 (sensitive receptor: C1494)
 DISCCART 406112.495257296 3759562.5019271 465.80 1.50
 ** receptor =B1536+1 (sensitive receptor: C1495)
 DISCCART 406112.495257296 3759512.50210442 461.50 1.50
 ** receptor =B1537+1 (sensitive receptor: C1496)
 DISCCART 406112.495257296 3759462.50228174 431.40 1.50
 ** receptor =B1538+1 (sensitive receptor: C1497)
 DISCCART 406112.495257296 3759412.50245906 422.30 1.50
 ** receptor =B1539+1 (sensitive receptor: C1498)
 DISCCART 406112.495257296 3759362.50263638 418.40 1.50
 ** receptor =B1540+1 (sensitive receptor: C1499)
 DISCCART 406112.495257296 3759312.5028137 417.50 1.50
 ** receptor =B1541+1 (sensitive receptor: C1500)
 DISCCART 406112.495257296 3759262.50299102 412.50 1.50
 ** receptor =B1542+1 (sensitive receptor: C1501)
 DISCCART 406112.495257296 3759212.50316834 400.60 1.50
 ** receptor =B1543+1 (sensitive receptor: C1502)

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** DISCCART	406112.495257296	3759162.50334566	394.00	1.50
** receptor	=B1544+1 (sensitive receptor: C1503)			
** DISCCART	406112.495257296	3759112.50352298	387.50	1.50
** receptor	=B1545+1 (sensitive receptor: C1504)			
** DISCCART	406112.495257296	3759062.5037003	380.50	1.50
** receptor	=B1546+1 (sensitive receptor: C1505)			
** DISCCART	406112.495257296	3759012.50387762	377.20	1.50
** receptor	=B1547+1 (sensitive receptor: C1506)			
** DISCCART	406112.495257296	3758962.50405494	369.40	1.50
** receptor	=B1548+1 (sensitive receptor: C1507)			
** DISCCART	406112.495257296	3758912.50423226	362.80	1.50
** receptor	=B1549+1 (sensitive receptor: C1508)			
** DISCCART	406112.495257296	3758862.50440957	356.30	1.50
** receptor	=B1550+1 (sensitive receptor: C1509)			
** DISCCART	406112.495257296	3758812.50458689	347.70	1.50
** receptor	=B1551+1 (sensitive receptor: C1510)			
** DISCCART	406112.495257296	3758762.50476421	339.90	1.50
** receptor	=B1552+1 (sensitive receptor: C1511)			
** DISCCART	406112.495257296	3758712.50494153	333.30	1.50
** receptor	=B1553+1 (sensitive receptor: C1512)			
** DISCCART	406112.495257296	3758662.50511885	326.80	1.50
** receptor	=B1554+1 (sensitive receptor: C1513)			
** DISCCART	406112.495257296	3758612.50529617	321.40	1.50
** receptor	=B1555+1 (sensitive receptor: C1514)			
** DISCCART	406162.498057107	3760012.50033123	522.00	1.50
** receptor	=B1556+1 (sensitive receptor: C1515)			
** DISCCART	406162.498057107	3759812.50104051	499.50	1.50
** receptor	=B1557+1 (sensitive receptor: C1516)			
** DISCCART	406162.498057107	3759462.50228174	445.40	1.50
** receptor	=B1558+1 (sensitive receptor: C1517)			
** DISCCART	406162.498057107	3759412.50245906	457.10	1.50
** receptor	=B1559+1 (sensitive receptor: C1518)			
** DISCCART	406162.498057107	3759362.50263638	450.40	1.50
** receptor	=B1560+1 (sensitive receptor: C1519)			
** DISCCART	406162.498057107	3759312.5028137	446.90	1.50
** receptor	=B1561+1 (sensitive receptor: C1520)			
** DISCCART	406162.498057107	3759262.50299102	421.80	1.50
** receptor	=B1562+1 (sensitive receptor: C1521)			
** DISCCART	406162.498057107	3759212.50316834	408.80	1.50
** receptor	=B1563+1 (sensitive receptor: C1522)			
** DISCCART	406162.498057107	3759162.50334566	400.60	1.50
** receptor	=B1564+1 (sensitive receptor: C1523)			
** DISCCART	406162.498057107	3759112.50352298	393.60	1.50
** receptor	=B1565+1 (sensitive receptor: C1524)			
** DISCCART	406162.498057107	3759062.5037003	387.00	1.50
** receptor	=B1566+1 (sensitive receptor: C1525)			
** DISCCART	406162.498057107	3759012.50387762	382.50	1.50
** receptor	=B1567+1 (sensitive receptor: C1526)			
** DISCCART	406162.498057107	3758962.50405494	377.60	1.50
** receptor	=B1568+1 (sensitive receptor: C1527)			
** DISCCART	406162.498057107	3758912.50423226	367.40	1.50
** receptor	=B1569+1 (sensitive receptor: C1528)			
** DISCCART	406162.498057107	3758862.50440957	360.80	1.50
** receptor	=B1570+1 (sensitive receptor: C1529)			
** DISCCART	406162.498057107	3758812.50458689	352.50	1.50
** receptor	=B1571+1 (sensitive receptor: C1530)			
** DISCCART	406162.498057107	3758762.50476421	343.20	1.50
** receptor	=B1572+1 (sensitive receptor: C1531)			
** DISCCART	406162.498057107	3758712.50494153	336.10	1.50
** receptor	=B1573+1 (sensitive receptor: C1532)			
** DISCCART	406162.498057107	3758662.50511885	331.30	1.50
** receptor	=B1574+1 (sensitive receptor: C1533)			
** DISCCART	406162.498057107	3758612.50529617	325.60	1.50
** receptor	=B1575+1 (sensitive receptor: C1534)			
** DISCCART	406212.500856919	3759412.50245906	483.40	1.50
** receptor	=B1576+1 (sensitive receptor: C1535)			
** DISCCART	406212.500856919	3759362.50263638	474.30	1.50
** receptor	=B1577+1 (sensitive receptor: C1536)			
** DISCCART	406212.500856919	3759312.5028137	454.20	1.50
** receptor	=B1578+1 (sensitive receptor: C1537)			
** DISCCART	406212.500856919	3759262.50299102	433.30	1.50
** receptor	=B1579+1 (sensitive receptor: C1538)			
** DISCCART	406212.500856919	3759212.50316834	415.30	1.50
** receptor	=B1580+1 (sensitive receptor: C1539)			
** DISCCART	406212.500856919	3759162.50334566	405.50	1.50
** receptor	=B1581+1 (sensitive receptor: C1540)			

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** DISCCART	406212.500856919	3759112.50352298	398.90	1.50
** receptor	=B1582+1 (sensitive receptor: C1541)			
** DISCCART	406212.500856919	3759062.5037003	393.60	1.50
** receptor	=B1583+1 (sensitive receptor: C1542)			
** DISCCART	406212.500856919	3759012.50387762	385.80	1.50
** receptor	=B1584+1 (sensitive receptor: C1543)			
** DISCCART	406212.500856919	3758962.50405494	380.50	1.50
** receptor	=B1585+1 (sensitive receptor: C1544)			
** DISCCART	406212.500856919	3758912.50423226	371.10	1.50
** receptor	=B1586+1 (sensitive receptor: C1545)			
** DISCCART	406212.500856919	3758862.50440957	362.80	1.50
** receptor	=B1587+1 (sensitive receptor: C1546)			
** DISCCART	406212.500856919	3758812.50458689	355.80	1.50
** receptor	=B1588+1 (sensitive receptor: C1547)			
** DISCCART	406212.500856919	3758762.50476421	344.80	1.50
** receptor	=B1589+1 (sensitive receptor: C1548)			
** DISCCART	406212.500856919	3758712.50494153	338.30	1.50
** receptor	=B1590+1 (sensitive receptor: C1549)			
** DISCCART	406212.500856919	3758662.50511885	334.60	1.50
** receptor	=B1591+1 (sensitive receptor: C1550)			
** DISCCART	406212.500856919	3758612.50529617	331.70	1.50
** receptor	=B1592+1 (sensitive receptor: C1551)			
** DISCCART	406262.495410886	3759412.50245906	499.50	1.50
** receptor	=B1593+1 (sensitive receptor: C1552)			
** DISCCART	406262.495410886	3759362.50263638	473.10	1.50
** receptor	=B1594+1 (sensitive receptor: C1553)			
** DISCCART	406262.495410886	3759312.5028137	453.10	1.50
** receptor	=B1595+1 (sensitive receptor: C1554)			
** DISCCART	406262.495410886	3759262.50299102	440.00	1.50
** receptor	=B1596+1 (sensitive receptor: C1555)			
** DISCCART	406262.495410886	3759212.50316834	421.40	1.50
** receptor	=B1597+1 (sensitive receptor: C1556)			
** DISCCART	406262.495410886	3759162.50334566	411.60	1.50
** receptor	=B1598+1 (sensitive receptor: C1557)			
** DISCCART	406262.495410886	3759112.50352298	403.40	1.50
** receptor	=B1599+1 (sensitive receptor: C1558)			
** DISCCART	406262.495410886	3759062.5037003	396.90	1.50
** receptor	=B1600+1 (sensitive receptor: C1559)			
** DISCCART	406262.495410886	3759012.50387762	387.00	1.50
** receptor	=B1601+1 (sensitive receptor: C1560)			
** DISCCART	406262.495410886	3758962.50405494	380.50	1.50
** receptor	=B1602+1 (sensitive receptor: C1561)			
** DISCCART	406262.495410886	3758912.50423226	372.20	1.50
** receptor	=B1603+1 (sensitive receptor: C1562)			
** DISCCART	406262.495410886	3758862.50440957	362.40	1.50
** receptor	=B1604+1 (sensitive receptor: C1563)			
** DISCCART	406262.495410886	3758812.50458689	355.80	1.50
** receptor	=B1605+1 (sensitive receptor: C1564)			
** DISCCART	406262.495410886	3758762.50476421	347.70	1.50
** receptor	=B1606+1 (sensitive receptor: C1565)			
** DISCCART	406262.495410886	3758712.50494153	343.20	1.50
** receptor	=B1607+1 (sensitive receptor: C1566)			
** DISCCART	406262.495410886	3758662.50511885	338.30	1.50
** receptor	=B1608+1 (sensitive receptor: C1567)			
** DISCCART	406262.495410886	3758612.50529617	336.60	1.50
** receptor	=B1609+1 (sensitive receptor: C1568)			
** DISCCART	406312.498210697	3759412.50245906	508.40	1.50
** receptor	=B1610+1 (sensitive receptor: C1569)			
** DISCCART	406312.498210697	3759362.50263638	489.00	1.50
** receptor	=B1611+1 (sensitive receptor: C1570)			
** DISCCART	406312.498210697	3759312.5028137	458.40	1.50
** receptor	=B1612+1 (sensitive receptor: C1571)			
** DISCCART	406312.498210697	3759262.50299102	444.40	1.50
** receptor	=B1613+1 (sensitive receptor: C1572)			
** DISCCART	406312.498210697	3759212.50316834	428.00	1.50
** receptor	=B1614+1 (sensitive receptor: C1573)			
** DISCCART	406312.498210697	3759162.50334566	415.30	1.50
** receptor	=B1615+1 (sensitive receptor: C1574)			
** DISCCART	406312.498210697	3759112.50352298	405.00	1.50
** receptor	=B1616+1 (sensitive receptor: C1575)			
** DISCCART	406312.498210697	3759062.5037003	396.90	1.50
** receptor	=B1617+1 (sensitive receptor: C1576)			
** DISCCART	406312.498210697	3759012.50387762	388.60	1.50
** receptor	=B1618+1 (sensitive receptor: C1577)			
** DISCCART	406312.498210697	3758962.50405494	378.80	1.50
** receptor	=B1619+1 (sensitive receptor: C1578)			

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** DISCCART	406312.498210697	3758912.50423226	370.60	1.50
** receptor	=B1620+1 (sensitive receptor: C1579)			
** DISCCART	406312.498210697	3758862.50440957	364.10	1.50
** receptor	=B1621+1 (sensitive receptor: C1580)			
** DISCCART	406312.498210697	3758812.50458689	357.50	1.50
** receptor	=B1622+1 (sensitive receptor: C1581)			
** DISCCART	406312.498210697	3758762.50476421	351.00	1.50
** receptor	=B1623+1 (sensitive receptor: C1582)			
** DISCCART	406312.498210697	3758712.50494153	344.80	1.50
** receptor	=B1624+1 (sensitive receptor: C1583)			
** DISCCART	406312.498210697	3758662.50511885	343.20	1.50
** receptor	=B1625+1 (sensitive receptor: C1584)			
** DISCCART	406312.498210697	3758612.50529617	342.00	1.50
** receptor	=B1626+1 (sensitive receptor: C1585)			
** DISCCART	406362.501010508	3759412.50245906	488.00	1.50
** receptor	=B1627+1 (sensitive receptor: C1586)			
** DISCCART	406362.501010508	3759362.50263638	481.90	1.50
** receptor	=B1628+1 (sensitive receptor: C1587)			
** DISCCART	406362.501010508	3759312.5028137	457.50	1.50
** receptor	=B1629+1 (sensitive receptor: C1588)			
** DISCCART	406362.501010508	3759262.50299102	440.60	1.50
** receptor	=B1630+1 (sensitive receptor: C1589)			
** DISCCART	406362.501010508	3759212.50316834	429.70	1.50
** receptor	=B1631+1 (sensitive receptor: C1590)			
** DISCCART	406362.501010508	3759162.50334566	417.00	1.50
** receptor	=B1632+1 (sensitive receptor: C1591)			
** DISCCART	406362.501010508	3759112.50352298	407.20	1.50
** receptor	=B1633+1 (sensitive receptor: C1592)			
** DISCCART	406362.501010508	3759062.5037003	398.40	1.50
** receptor	=B1634+1 (sensitive receptor: C1593)			
** DISCCART	406362.501010508	3759012.50387762	389.10	1.50
** receptor	=B1635+1 (sensitive receptor: C1594)			
** DISCCART	406362.501010508	3758962.50405494	380.50	1.50
** receptor	=B1636+1 (sensitive receptor: C1595)			
** DISCCART	406362.501010508	3758912.50423226	372.20	1.50
** receptor	=B1637+1 (sensitive receptor: C1596)			
** DISCCART	406362.501010508	3758862.50440957	361.90	1.50
** receptor	=B1638+1 (sensitive receptor: C1597)			
** DISCCART	406362.501010508	3758812.50458689	356.60	1.50
** receptor	=B1639+1 (sensitive receptor: C1598)			
** DISCCART	406362.501010508	3758762.50476421	353.00	1.50
** receptor	=B1640+1 (sensitive receptor: C1599)			
** DISCCART	406362.501010508	3758712.50494153	351.00	1.50
** receptor	=B1641+1 (sensitive receptor: C1600)			
** DISCCART	406362.501010508	3758662.50511885	349.70	1.50
** receptor	=B1642+1 (sensitive receptor: C1601)			
** DISCCART	406362.501010508	3758612.50529617	347.70	1.50
** receptor	=B1643+1 (sensitive receptor: C1602)			
** DISCCART	406412.503810319	3759312.5028137	452.60	1.50
** receptor	=B1644+1 (sensitive receptor: C1603)			
** DISCCART	406412.503810319	3759262.50299102	442.80	1.50
** receptor	=B1645+1 (sensitive receptor: C1604)			
** DISCCART	406412.503810319	3759212.50316834	431.70	1.50
** receptor	=B1646+1 (sensitive receptor: C1605)			
** DISCCART	406412.503810319	3759162.50334566	418.10	1.50
** receptor	=B1647+1 (sensitive receptor: C1606)			
** DISCCART	406412.503810319	3759112.50352298	408.30	1.50
** receptor	=B1648+1 (sensitive receptor: C1607)			
** DISCCART	406412.503810319	3759062.5037003	399.70	1.50
** receptor	=B1649+1 (sensitive receptor: C1608)			
** DISCCART	406412.503810319	3759012.50387762	391.90	1.50
** receptor	=B1650+1 (sensitive receptor: C1609)			
** DISCCART	406412.503810319	3758962.50405494	382.00	1.50
** receptor	=B1651+1 (sensitive receptor: C1610)			
** DISCCART	406412.503810319	3758912.50423226	372.20	1.50
** receptor	=B1652+1 (sensitive receptor: C1611)			
** DISCCART	406412.503810319	3758862.50440957	358.60	1.50
** receptor	=B1653+1 (sensitive receptor: C1612)			
** DISCCART	406412.503810319	3758812.50458689	356.30	1.50
** receptor	=B1654+1 (sensitive receptor: C1613)			
** DISCCART	406412.503810319	3758762.50476421	356.40	1.50
** receptor	=B1655+1 (sensitive receptor: C1614)			
** DISCCART	406412.503810319	3758712.50494153	357.50	1.50
** receptor	=B1656+1 (sensitive receptor: C1615)			
** DISCCART	406412.503810319	3758662.50511885	357.50	1.50
** receptor	=B1657+1 (sensitive receptor: C1616)			

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** DISCCART	406412.503810319	3758612.50529617	354.20	1.50
** receptor	=B1658+1 (sensitive receptor: C1617)			
** DISCCART	406462.498364286	3759312.5028137	452.60	1.50
** receptor	=B1659+1 (sensitive receptor: C1618)			
** DISCCART	406462.498364286	3759262.50299102	443.20	1.50
** receptor	=B1660+1 (sensitive receptor: C1619)			
** DISCCART	406462.498364286	3759212.50316834	431.20	1.50
** receptor	=B1661+1 (sensitive receptor: C1620)			
** DISCCART	406462.498364286	3759162.50334566	418.10	1.50
** receptor	=B1662+1 (sensitive receptor: C1621)			
** DISCCART	406462.498364286	3759112.50352298	408.30	1.50
** receptor	=B1663+1 (sensitive receptor: C1622)			
** DISCCART	406462.498364286	3759062.5037003	396.90	1.50
** receptor	=B1664+1 (sensitive receptor: C1623)			
** DISCCART	406462.498364286	3759012.50387762	391.90	1.50
** receptor	=B1665+1 (sensitive receptor: C1624)			
** DISCCART	406462.498364286	3758962.50405494	384.20	1.50
** receptor	=B1666+1 (sensitive receptor: C1625)			
** DISCCART	406462.498364286	3758912.50423226	376.40	1.50
** receptor	=B1667+1 (sensitive receptor: C1626)			
** DISCCART	406462.498364286	3758862.50440957	361.70	1.50
** receptor	=B1668+1 (sensitive receptor: C1627)			
** DISCCART	406462.498364286	3758812.50458689	359.70	1.50
** receptor	=B1669+1 (sensitive receptor: C1628)			
** DISCCART	406462.498364286	3758762.50476421	363.00	1.50
** receptor	=B1670+1 (sensitive receptor: C1629)			
** DISCCART	406462.498364286	3758712.50494153	363.00	1.50
** receptor	=B1671+1 (sensitive receptor: C1630)			
** DISCCART	406462.498364286	3758662.50511885	360.80	1.50
** receptor	=B1672+1 (sensitive receptor: C1631)			
** DISCCART	406462.498364286	3758612.50529617	357.50	1.50
** receptor	=B1673+1 (sensitive receptor: C1632)			
** DISCCART	406512.501164097	3759262.50299102	446.10	1.50
** receptor	=B1674+1 (sensitive receptor: C1633)			
** DISCCART	406512.501164097	3759212.50316834	433.30	1.50
** receptor	=B1675+1 (sensitive receptor: C1634)			
** DISCCART	406512.501164097	3759162.50334566	418.10	1.50
** receptor	=B1676+1 (sensitive receptor: C1635)			
** DISCCART	406512.501164097	3759112.50352298	410.00	1.50
** receptor	=B1677+1 (sensitive receptor: C1636)			
** DISCCART	406512.501164097	3759062.5037003	402.20	1.50
** receptor	=B1678+1 (sensitive receptor: C1637)			
** DISCCART	406512.501164097	3759012.50387762	394.00	1.50
** receptor	=B1679+1 (sensitive receptor: C1638)			
** DISCCART	406512.501164097	3758962.50405494	384.90	1.50
** receptor	=B1680+1 (sensitive receptor: C1639)			
** DISCCART	406512.501164097	3758912.50423226	378.80	1.50
** receptor	=B1681+1 (sensitive receptor: C1640)			
** DISCCART	406512.501164097	3758862.50440957	371.60	1.50
** receptor	=B1682+1 (sensitive receptor: C1641)			
** DISCCART	406512.501164097	3758812.50458689	374.80	1.50
** receptor	=B1683+1 (sensitive receptor: C1642)			
** DISCCART	406512.501164097	3758762.50476421	372.70	1.50
** receptor	=B1684+1 (sensitive receptor: C1643)			
** DISCCART	406512.501164097	3758712.50494153	370.60	1.50
** receptor	=B1685+1 (sensitive receptor: C1644)			
** DISCCART	406512.501164097	3758662.50511885	367.40	1.50
** receptor	=B1686+1 (sensitive receptor: C1645)			
** DISCCART	406512.501164097	3758612.50529617	362.80	1.50
** receptor	=B1687+1 (sensitive receptor: C1646)			
** DISCCART	406537.502564003	3758562.50547349	360.80	1.50
** receptor	=B1688+1 (sensitive receptor: C1647)			
** DISCCART	406562.495718064	3759262.50299102	450.90	1.50
** receptor	=B1689+1 (sensitive receptor: C1648)			
** DISCCART	406562.495718064	3759212.50316834	438.30	1.50
** receptor	=B1690+1 (sensitive receptor: C1649)			
** DISCCART	406562.495718064	3759162.50334566	425.60	1.50
** receptor	=B1691+1 (sensitive receptor: C1650)			
** DISCCART	406562.495718064	3759112.50352298	415.30	1.50
** receptor	=B1692+1 (sensitive receptor: C1651)			
** DISCCART	406562.495718064	3759062.5037003	406.70	1.50
** receptor	=B1693+1 (sensitive receptor: C1652)			
** DISCCART	406562.495718064	3759012.50387762	398.40	1.50
** receptor	=B1694+1 (sensitive receptor: C1653)			
** DISCCART	406562.495718064	3758962.50405494	383.00	1.50
** receptor	=B1695+1 (sensitive receptor: C1654)			

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** DISCCART	406562.495718064	3758912.50423226	381.40	1.50
** receptor	=B1696+1 (sensitive receptor: C1655)			
** DISCCART	406562.495718064	3758862.50440957	384.70	1.50
** receptor	=B1697+1 (sensitive receptor: C1656)			
** DISCCART	406562.495718064	3758812.50458689	383.80	1.50
** receptor	=B1698+1 (sensitive receptor: C1657)			
** DISCCART	406562.495718064	3758762.50476421	380.50	1.50
** receptor	=B1699+1 (sensitive receptor: C1658)			
** DISCCART	406562.495718064	3758712.50494153	377.20	1.50
** receptor	=B1700+1 (sensitive receptor: C1659)			
** DISCCART	406562.495718064	3758662.50511885	372.70	1.50
** receptor	=B1701+1 (sensitive receptor: C1660)			
** DISCCART	406562.495718064	3758612.50529617	367.40	1.50
** receptor	=B1702+1 (sensitive receptor: C1661)			
** DISCCART	406587.49711797	3758562.50547349	362.40	1.50
** receptor	=B1703+1 (sensitive receptor: C1662)			
** DISCCART	406612.498517875	3759212.50316834	447.60	1.50
** receptor	=B1704+1 (sensitive receptor: C1663)			
** DISCCART	406612.498517875	3759162.50334566	435.00	1.50
** receptor	=B1705+1 (sensitive receptor: C1664)			
** DISCCART	406612.498517875	3759112.50352298	421.90	1.50
** receptor	=B1706+1 (sensitive receptor: C1665)			
** DISCCART	406612.498517875	3759062.5037003	411.60	1.50
** receptor	=B1707+1 (sensitive receptor: C1666)			
** DISCCART	406612.498517875	3759012.50387762	398.40	1.50
** receptor	=B1708+1 (sensitive receptor: C1667)			
** DISCCART	406612.498517875	3758962.50405494	397.40	1.50
** receptor	=B1709+1 (sensitive receptor: C1668)			
** DISCCART	406612.498517875	3758912.50423226	397.40	1.50
** receptor	=B1710+1 (sensitive receptor: C1669)			
** DISCCART	406612.498517875	3758862.50440957	395.60	1.50
** receptor	=B1711+1 (sensitive receptor: C1670)			
** DISCCART	406612.498517875	3758812.50458689	390.80	1.50
** receptor	=B1712+1 (sensitive receptor: C1671)			
** DISCCART	406612.498517875	3758762.50476421	385.30	1.50
** receptor	=B1713+1 (sensitive receptor: C1672)			
** DISCCART	406612.498517875	3758712.50494153	380.90	1.50
** receptor	=B1714+1 (sensitive receptor: C1673)			
** DISCCART	406612.498517875	3758662.50511885	375.50	1.50
** receptor	=B1715+1 (sensitive receptor: C1674)			
** DISCCART	406637.499917781	3758562.50547349	360.80	1.50
** receptor	=B1716+1 (sensitive receptor: C1675)			
** DISCCART	406662.501317687	3759162.50334566	437.80	1.50
** receptor	=B1717+1 (sensitive receptor: C1676)			
** DISCCART	406662.501317687	3759112.50352298	422.60	1.50
** receptor	=B1718+1 (sensitive receptor: C1677)			
** DISCCART	406662.501317687	3759062.5037003	417.00	1.50
** receptor	=B1719+1 (sensitive receptor: C1678)			
** DISCCART	406662.501317687	3759012.50387762	407.60	1.50
** receptor	=B1720+1 (sensitive receptor: C1679)			
** DISCCART	406662.501317687	3758962.50405494	409.40	1.50
** receptor	=B1721+1 (sensitive receptor: C1680)			
** DISCCART	406662.501317687	3758912.50423226	407.20	1.50
** receptor	=B1722+1 (sensitive receptor: C1681)			
** DISCCART	406662.501317687	3758862.50440957	402.20	1.50
** receptor	=B1723+1 (sensitive receptor: C1682)			
** DISCCART	406662.501317687	3758812.50458689	395.20	1.50
** receptor	=B1724+1 (sensitive receptor: C1683)			
** DISCCART	406662.501317687	3758762.50476421	387.00	1.50
** receptor	=B1725+1 (sensitive receptor: C1684)			
** DISCCART	406662.501317687	3758712.50494153	380.50	1.50
** receptor	=B1726+1 (sensitive receptor: C1685)			
** DISCCART	406687.502717592	3758562.50547349	364.90	1.50
** receptor	=B1727+1 (sensitive receptor: C1686)			
** DISCCART	406712.495871654	3759162.50334566	437.80	1.50
** receptor	=B1728+1 (sensitive receptor: C1687)			
** DISCCART	406712.495871654	3759112.50352298	427.30	1.50
** receptor	=B1729+1 (sensitive receptor: C1688)			
** DISCCART	406712.495871654	3759062.5037003	436.00	1.50
** receptor	=B1730+1 (sensitive receptor: C1689)			
** DISCCART	406712.495871654	3759012.50387762	426.80	1.50
** receptor	=B1731+1 (sensitive receptor: C1690)			
** DISCCART	406712.495871654	3758962.50405494	423.10	1.50
** receptor	=B1732+1 (sensitive receptor: C1691)			
** DISCCART	406712.495871654	3758912.50423226	411.60	1.50
** receptor	=B1733+1 (sensitive receptor: C1692)			

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** DISCCART	406712.495871654	3758862.50440957	401.30	1.50
** receptor	=B1734+1 (sensitive receptor: C1693)			
** DISCCART	406712.495871654	3758612.50529617	379.20	1.50
** receptor	=B1735+1 (sensitive receptor: C1694)			
** DISCCART	406737.497271559	3758562.50547349	367.40	1.50
** receptor	=B1736+1 (sensitive receptor: C1695)			
** DISCCART	406762.498671465	3759062.5037003	457.90	1.50
** receptor	=B1737+1 (sensitive receptor: C1696)			
** DISCCART	406762.498671465	3759012.50387762	438.30	1.50
** receptor	=B1738+1 (sensitive receptor: C1697)			
** DISCCART	406762.498671465	3758962.50405494	424.70	1.50
** receptor	=B1739+1 (sensitive receptor: C1698)			
** DISCCART	406762.498671465	3758912.50423226	409.90	1.50
** receptor	=B1740+1 (sensitive receptor: C1699)			
** DISCCART	406762.498671465	3758662.50511885	389.80	1.50
** receptor	=B1741+1 (sensitive receptor: C1700)			
** DISCCART	406762.498671465	3758612.50529617	378.30	1.50
** receptor	=B1742+1 (sensitive receptor: C1701)			
** DISCCART	406787.50007137	3758562.50547349	370.50	1.50
** receptor	=B1743+1 (sensitive receptor: C1702)			
** DISCCART	406812.501471276	3759012.50387762	445.90	1.50
** receptor	=B1744+1 (sensitive receptor: C1703)			
** DISCCART	406812.501471276	3758962.50405494	423.80	1.50
** receptor	=B1745+1 (sensitive receptor: C1704)			
** DISCCART	406812.501471276	3758712.50494153	400.60	1.50
** receptor	=B1746+1 (sensitive receptor: C1705)			
** DISCCART	406812.501471276	3758662.50511885	392.40	1.50
** receptor	=B1747+1 (sensitive receptor: C1706)			
** DISCCART	406812.501471276	3758612.50529617	383.80	1.50
** receptor	=B1748+1 (sensitive receptor: C1707)			
** DISCCART	406837.502871182	3758562.50547349	357.50	1.50
** receptor	=B1749+1 (sensitive receptor: C1708)			
** DISCCART	406862.496025243	3758762.50476421	408.80	1.50
** receptor	=B1750+1 (sensitive receptor: C1709)			
** DISCCART	406862.496025243	3758712.50494153	403.40	1.50
** receptor	=B1751+1 (sensitive receptor: C1710)			
** DISCCART	406862.496025243	3758662.50511885	393.60	1.50
** receptor	=B1752+1 (sensitive receptor: C1711)			
** DISCCART	406862.496025243	3758612.50529617	377.80	1.50
** receptor	=B1753+1 (sensitive receptor: C1712)			
** DISCCART	406887.497425149	3758562.50547349	377.60	1.50
** receptor	=B1754+1 (sensitive receptor: C1713)			
** DISCCART	406912.498825054	3758762.50476421	411.60	1.50
** receptor	=B1755+1 (sensitive receptor: C1714)			
** DISCCART	406912.498825054	3758712.50494153	399.70	1.50
** receptor	=B1756+1 (sensitive receptor: C1715)			
** DISCCART	406912.498825054	3758662.50511885	388.60	1.50
** receptor	=B1757+1 (sensitive receptor: C1716)			
** DISCCART	406912.498825054	3758612.50529617	369.60	1.50
** receptor	=B1758+1 (sensitive receptor: C1717)			
** DISCCART	406937.50022496	3758562.50547349	382.00	1.50
** receptor	=B1759+1 (sensitive receptor: C1718)			
** DISCCART	406962.501624865	3758762.50476421	411.60	1.50
** receptor	=B1760+1 (sensitive receptor: C1719)			
** DISCCART	406962.501624865	3758712.50494153	398.40	1.50
** receptor	=B1761+1 (sensitive receptor: C1720)			
** DISCCART	406962.501624865	3758662.50511885	385.30	1.50
** receptor	=B1762+1 (sensitive receptor: C1721)			
** DISCCART	406962.501624865	3758612.50529617	380.50	1.50
** receptor	=B1763+1 (sensitive receptor: C1722)			
** DISCCART	406987.503024771	3758562.50547349	393.30	1.50
** receptor	=B1764+1 (sensitive receptor: C1723)			
** DISCCART	407012.504424677	3758712.50494153	400.80	1.50
** receptor	=B1765+1 (sensitive receptor: C1724)			
** DISCCART	407012.504424677	3758662.50511885	378.80	1.50
** receptor	=B1766+1 (sensitive receptor: C1725)			
** DISCCART	407012.504424677	3758612.50529617	385.50	1.50
** receptor	=B1767+1 (sensitive receptor: C1726)			
** DISCCART	407037.497578738	3758562.50547349	399.80	1.50
** receptor	=B1768+1 (sensitive receptor: C1727)			
** DISCCART	407062.498978644	3758662.50511885	377.70	1.50
** receptor	=B1769+1 (sensitive receptor: C1728)			
** DISCCART	407062.498978644	3758612.50529617	396.70	1.50
** receptor	=B1770+1 (sensitive receptor: C1729)			
** DISCCART	407087.500378549	3758562.50547349	406.70	1.50
** receptor	=B1771+1 (sensitive receptor: C1730)			

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DISCCART 407112.501778455 3758662.50511885 396.80 1.50
 ** receptor =B1772+1 (sensitive receptor: C1731)
 DISCCART 407112.501778455 3758612.50529617 407.60 1.50
 ** receptor =B1773+1 (sensitive receptor: C1732)
 DISCCART 407137.50317836 3758562.50547349 416.60 1.50
 ** receptor =B1774+1 (sensitive receptor: C1733)
 DISCCART 407162.496332422 3758662.50511885 420.80 1.50
 ** receptor =B1775+1 (sensitive receptor: C1734)
 DISCCART 407162.496332422 3758612.50529617 416.60 1.50
 ** receptor =B1776+1 (sensitive receptor: C1735)
 DISCCART 407187.497732327 3758562.50547349 439.50 1.50
 ** receptor =B1777+1 (sensitive receptor: C1736)
 DISCCART 407212.499132233 3758662.50511885 435.40 1.50
 ** receptor =B1778+1 (sensitive receptor: C1737)
 DISCCART 407212.499132233 3758612.50529617 441.20 1.50
 ** receptor =B1779+1 (sensitive receptor: C1738)
 DISCCART 407237.500532139 3758562.50547349 457.60 1.50
 ** receptor =B1780+1 (sensitive receptor: C1739)
 DISCCART 407262.501932044 3758662.50511885 450.30 1.50
 ** receptor =B1781+1 (sensitive receptor: C1740)
 DISCCART 407262.501932044 3758612.50529617 450.30 1.50
 ** receptor =B1782+1 (sensitive receptor: C1741)
 DISCCART 407287.50333195 3758562.50547349 459.60 1.50
 ** receptor =B1783+1 (sensitive receptor: C1742)
 DISCCART 407312.496486011 3758662.50511885 466.70 1.50
 ** receptor =B1784+1 (sensitive receptor: C1743)
 DISCCART 407312.496486011 3758612.50529617 463.40 1.50
 ** receptor =B1785+1 (sensitive receptor: C1744)
 DISCCART 407337.497885917 3758562.50547349 475.30 1.50
 ** receptor =B1786+1 (sensitive receptor: C1745)
 DISCCART 407362.499285822 3758662.50511885 484.30 1.50
 ** receptor =B1787+1 (sensitive receptor: C1746)
 DISCCART 407362.499285822 3758612.50529617 479.80 1.50
 ** receptor =B1788+1 (sensitive receptor: C1747)
 DISCCART 407387.500685728 3758562.50547349 489.20 1.50
 ** receptor =B1789+1 (sensitive receptor: C1748)
 DISCCART 407412.502085634 3758662.50511885 497.40 1.50
 ** receptor =B1790+1 (sensitive receptor: C1749)
 DISCCART 407412.502085634 3758612.50529617 500.70 1.50
 ** receptor =B1791+1 (sensitive receptor: C1750)
 DISCCART 407437.495239695 3758562.50547349 507.00 1.50
 ** receptor =B1792+1 (sensitive receptor: C1751)
 DISCCART 407462.4966396 3758662.50511885 504.60 1.50
 ** receptor =B1793+1 (sensitive receptor: C1752)
 DISCCART 407462.4966396 3758612.50529617 505.90 1.50
 ** receptor =B1794+1 (sensitive receptor: C1753)
 DISCCART 407487.498039506 3758562.50547349 501.70 1.50
 ** receptor =B1795+1 (sensitive receptor: C1754)
 DISCCART 407512.499439412 3758662.50511885 483.60 1.50
 ** receptor =B1796+1 (sensitive receptor: C1755)
 DISCCART 407512.499439412 3758612.50529617 477.00 1.50
 ** receptor =B1797+1 (sensitive receptor: C1756)
 DISCCART 407537.500839317 3758562.50547349 0.00 1.50
 ** receptor =B1798+1 (sensitive receptor: C1757)
 DISCCART 407562.502239223 3758662.50511885 0.00 1.50
 ** receptor =B1799+1 (sensitive receptor: C1758)
 DISCCART 407562.502239223 3758612.50529617 0.00 1.50
 ** receptor =B1800+1 (sensitive receptor: C1759)
 DISCCART 407587.495393284 3758562.50547349 0.00 1.50
 ** receptor =B1801+1 (sensitive receptor: C1760)
 DISCCART 407612.49679319 3758662.50511885 0.00 1.50
 ** receptor =B1802+1 (sensitive receptor: C1761)
 DISCCART 407612.49679319 3758612.50529617 0.00 1.50
 ** receptor =B1803+1 (sensitive receptor: C1762)
 DISCCART 407637.498193095 3758562.50547349 0.00 1.50
 ** receptor =B1804+1 (sensitive receptor: C1763)
 DISCCART 407662.499593001 3758612.50529617 0.00 1.50
 ** receptor =B1805+1 (sensitive receptor: C1764)
 DISCCART 407687.500992907 3758562.50547349 0.00 1.50
 ** receptor =B1806+1 (sensitive receptor: C1765)
 DISCCART 407712.502392812 3758612.50529617 0.00 1.50
 ** receptor =B1807+1 (sensitive receptor: C1766)
 DISCCART 407737.495546874 3758562.50547349 0.00 1.50
 ** receptor =B1808+1 (sensitive receptor: C1767)
 DISCCART 407762.496946779 3758612.50529617 0.00 1.50
 ** receptor =B1809+1 (sensitive receptor: C1768)

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** receptor	DISCCART	407787.498346685	3758562.50547349	0.00	1.50
	=B1810+1 (sensitive receptor: C1769)				
** receptor	DISCCART	407812.49974659	3758612.50529617	0.00	1.50
	=B1811+1 (sensitive receptor: C1770)				
** receptor	DISCCART	407837.501146496	3758562.50547349	0.00	1.50
	=B1812+1 (sensitive receptor: C1771)				
** receptor	DISCCART	407862.502546402	3758612.50529617	0.00	1.50
	=B1813+1 (sensitive receptor: C1772)				
** receptor	DISCCART	407887.503946307	3758562.50547349	0.00	1.50
	=B1814+1 (sensitive receptor: C1773)				
** receptor	DISCCART	407912.497100369	3758612.50529617	0.00	1.50
	=B1815+1 (sensitive receptor: C1774)				
** receptor	DISCCART	407937.498500274	3758562.50547349	0.00	1.50
	=B1816+1 (sensitive receptor: C1775)				
** receptor	DISCCART	407962.49990018	3758612.50529617	0.00	1.50
	=B1817+1 (sensitive receptor: C1776)				
** receptor	DISCCART	407987.501300085	3758562.50547349	0.00	1.50
	=B1818+1 (sensitive receptor: C1777)				
** receptor	DISCCART	408012.502699991	3758612.50529617	0.00	1.50
	=B1819+1 (sensitive receptor: C1778)				
** receptor	DISCCART	408037.495854052	3758562.50547349	0.00	1.50
	=B1820+1 (sensitive receptor: C1779)				
** receptor	DISCCART	408062.497253958	3758612.50529617	0.00	1.50
	=B1821+1 (sensitive receptor: C1780)				
** receptor	DISCCART	408087.498653864	3758562.50547349	0.00	1.50
	=B1822+1 (sensitive receptor: C1781)				
** receptor	DISCCART	408112.500053769	3758612.50529617	0.00	1.50
	=B1823+1 (sensitive receptor: C1782)				
** receptor	DISCCART	405962.503349551	3758537.50056317	302.70	1.50
	=B1824+1 (sensitive receptor: C1783)				
** receptor	DISCCART	405987.496503612	3758562.50547349	307.90	1.50
	=B1825+1 (sensitive receptor: C1784)				
** receptor	DISCCART	406037.499303424	3758562.50547349	311.60	1.50
	=B1826+1 (sensitive receptor: C1785)				
** receptor	DISCCART	406087.502103235	3758562.50547349	314.90	1.50
	=B1827+1 (sensitive receptor: C1786)				
** receptor	DISCCART	406137.496657202	3758562.50547349	321.10	1.50
	=B1828+1 (sensitive receptor: C1787)				
** receptor	DISCCART	406187.499457013	3758562.50547349	324.70	1.50
	=B1829+1 (sensitive receptor: C1788)				
** receptor	DISCCART	406237.502256824	3758562.50547349	332.50	1.50
	=B1830+1 (sensitive receptor: C1789)				
** receptor	DISCCART	406287.496810791	3758562.50547349	339.10	1.50
	=B1831+1 (sensitive receptor: C1790)				
** receptor	DISCCART	406337.499610602	3758562.50547349	344.40	1.50
	=B1832+1 (sensitive receptor: C1791)				
** receptor	DISCCART	406387.502410414	3758562.50547349	347.70	1.50
	=B1833+1 (sensitive receptor: C1792)				
** receptor	DISCCART	406437.496964381	3758562.50547349	353.50	1.50
	=B1834+1 (sensitive receptor: C1793)				
** receptor	DISCCART	406487.499764192	3758562.50547349	357.50	1.50
	=B1835+1 (sensitive receptor: C1794)				
** receptor	DISCCART	406537.502564003	3758537.50056317	357.50	1.50
	=B1836+1 (sensitive receptor: C1795)				
** receptor	DISCCART	406587.49711797	3758537.50056317	360.00	1.50
	=B1837+1 (sensitive receptor: C1796)				
** receptor	DISCCART	406637.499917781	3758537.50056317	357.50	1.50
	=B1838+1 (sensitive receptor: C1797)				
** receptor	DISCCART	406687.502717592	3758537.50056317	360.80	1.50
	=B1839+1 (sensitive receptor: C1798)				
** receptor	DISCCART	406737.497271559	3758537.50056317	360.70	1.50
	=B1840+1 (sensitive receptor: C1799)				
** receptor	DISCCART	406787.50007137	3758537.50056317	360.80	1.50
	=B1841+1 (sensitive receptor: C1800)				
** receptor	DISCCART	406837.502871182	3758537.50056317	364.10	1.50
	=B1842+1 (sensitive receptor: C1801)				
** receptor	DISCCART	406887.497425149	3758537.50056317	373.10	1.50
	=B1843+1 (sensitive receptor: C1802)				
** receptor	DISCCART	406937.50022496	3758537.50056317	380.50	1.50
	=B1844+1 (sensitive receptor: C1803)				
** receptor	DISCCART	406987.503024771	3758537.50056317	396.20	1.50
	=B1845+1 (sensitive receptor: C1804)				
** receptor	DISCCART	407037.497578738	3758537.50056317	400.20	1.50
	=B1846+1 (sensitive receptor: C1805)				
** receptor	DISCCART	407087.500378549	3758537.50056317	409.40	1.50
	=B1847+1 (sensitive receptor: C1806)				

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DISCCART 407137.50317836 3758537.50056317 422.50 1.50
 ** receptor =B1848+1 (sensitive receptor: C1807)
 DISCCART 407187.497732327 3758537.50056317 451.70 1.50
 ** receptor =B1849+1 (sensitive receptor: C1808)
 DISCCART 407237.500532139 3758537.50056317 462.60 1.50
 ** receptor =B1850+1 (sensitive receptor: C1809)
 DISCCART 407287.50333195 3758537.50056317 471.70 1.50
 ** receptor =B1851+1 (sensitive receptor: C1810)
 DISCCART 407337.497885917 3758537.50056317 482.40 1.50
 ** receptor =B1852+1 (sensitive receptor: C1811)
 DISCCART 407387.500685728 3758537.50056317 488.10 1.50
 ** receptor =B1853+1 (sensitive receptor: C1812)
 DISCCART 407437.495239695 3758537.50056317 503.70 1.50
 ** receptor =B1854+1 (sensitive receptor: C1813)
 DISCCART 407487.498039506 3758537.50056317 509.90 1.50
 ** receptor =B1855+1 (sensitive receptor: C1814)
 DISCCART 407537.500839317 3758537.50056317 0.00 1.50
 ** receptor =B1856+1 (sensitive receptor: C1815)
 DISCCART 407587.495393284 3758537.50056317 0.00 1.50
 ** receptor =B1857+1 (sensitive receptor: C1816)
 DISCCART 407637.498193095 3758537.50056317 0.00 1.50
 ** receptor =B1858+1 (sensitive receptor: C1817)
 DISCCART 407687.500992907 3758537.50056317 0.00 1.50
 ** receptor =B1859+1 (sensitive receptor: C1818)
 DISCCART 407737.495546874 3758537.50056317 0.00 1.50
 ** receptor =B1860+1 (sensitive receptor: C1819)
 DISCCART 407787.498346685 3758537.50056317 0.00 1.50
 ** receptor =B1861+1 (sensitive receptor: C1820)
 DISCCART 407837.501146496 3758537.50056317 0.00 1.50
 ** receptor =B1862+1 (sensitive receptor: C1821)
 DISCCART 407887.503946307 3758537.50056317 0.00 1.50
 ** receptor =B1863+1 (sensitive receptor: C1822)
 DISCCART 407937.498500274 3758537.50056317 0.00 1.50
 ** receptor =B1864+1 (sensitive receptor: C1823)
 DISCCART 407987.501300085 3758537.50056317 0.00 1.50
 ** receptor =B1865+1 (sensitive receptor: C1824)
 DISCCART 408037.495854052 3758537.50056317 0.00 1.50
 ** receptor =B1866+1 (sensitive receptor: C1825)
 DISCCART 408087.498653864 3758537.50056317 0.00 1.50
 ** receptor =B1867+1 (sensitive receptor: C1826)
 DISCCART 405962.503349551 3759987.50541887 754.30 1.50
 ** receptor =B1868+1 (sensitive receptor: C1827)
 DISCCART 405962.503349551 3759937.50559619 733.70 1.50
 ** receptor =B1869+1 (sensitive receptor: C1828)
 DISCCART 405962.503349551 3759887.50577351 704.80 1.50
 ** receptor =B1870+1 (sensitive receptor: C1829)
 DISCCART 405962.503349551 3759837.50595083 641.40 1.50
 ** receptor =B1871+1 (sensitive receptor: C1830)
 DISCCART 405962.503349551 3759787.50612815 628.70 1.50
 ** receptor =B1872+1 (sensitive receptor: C1831)
 DISCCART 405962.503349551 3759737.50630547 619.20 1.50
 ** receptor =B1873+1 (sensitive receptor: C1832)
 DISCCART 405962.503349551 3759687.50648279 548.60 1.50
 ** receptor =B1874+1 (sensitive receptor: C1833)
 DISCCART 405962.503349551 3759637.50666011 532.20 1.50
 ** receptor =B1875+1 (sensitive receptor: C1834)
 DISCCART 405962.503349551 3759587.50683743 515.80 1.50
 ** receptor =B1876+1 (sensitive receptor: C1835)
 DISCCART 405962.503349551 3759537.50701475 522.50 1.50
 ** receptor =B1877+1 (sensitive receptor: C1836)
 DISCCART 405962.503349551 3759487.50719207 522.50 1.50
 ** receptor =B1878+1 (sensitive receptor: C1837)
 DISCCART 405962.503349551 3759437.50736939 515.80 1.50
 ** receptor =B1879+1 (sensitive receptor: C1838)
 DISCCART 405962.503349551 3759387.49754874 488.50 1.50
 ** receptor =B1880+1 (sensitive receptor: C1839)
 DISCCART 405962.503349551 3759337.49772606 453.50 1.50
 ** receptor =B1881+1 (sensitive receptor: C1840)
 DISCCART 405962.503349551 3759287.49790338 420.70 1.50
 ** receptor =B1882+1 (sensitive receptor: C1841)
 DISCCART 405962.503349551 3759237.4980807 394.40 1.50
 ** receptor =B1883+1 (sensitive receptor: C1842)
 DISCCART 405962.503349551 3759187.49825802 377.20 1.50
 ** receptor =B1884+1 (sensitive receptor: C1843)
 DISCCART 405962.503349551 3759137.49843534 373.80 1.50
 ** receptor =B1885+1 (sensitive receptor: C1844)

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** receptor	DISCCART	405962.503349551	3759087.49861266	367.30	1.50
	=B1886+1 (sensitive receptor: C1845)				
** receptor	DISCCART	405962.503349551	3759037.49878997	357.50	1.50
	=B1887+1 (sensitive receptor: C1846)				
** receptor	DISCCART	405962.503349551	3758987.49896729	354.20	1.50
	=B1888+1 (sensitive receptor: C1847)				
** receptor	DISCCART	405962.503349551	3758937.49914461	348.60	1.50
	=B1889+1 (sensitive receptor: C1848)				
** receptor	DISCCART	405962.503349551	3758887.49932193	344.30	1.50
	=B1890+1 (sensitive receptor: C1849)				
** receptor	DISCCART	405962.503349551	3758837.49949925	337.80	1.50
	=B1891+1 (sensitive receptor: C1850)				
** receptor	DISCCART	405962.503349551	3758787.49967657	331.20	1.50
	=B1892+1 (sensitive receptor: C1851)				
** receptor	DISCCART	405962.503349551	3758737.49985389	324.60	1.50
	=B1893+1 (sensitive receptor: C1852)				
** receptor	DISCCART	405962.503349551	3758687.50003121	318.20	1.50
	=B1894+1 (sensitive receptor: C1853)				
** receptor	DISCCART	405962.503349551	3758637.50020853	311.60	1.50
	=B1895+1 (sensitive receptor: C1854)				
** receptor	DISCCART	406012.497903518	3759987.50541887	735.10	1.50
	=B1896+1 (sensitive receptor: C1855)				
** receptor	DISCCART	406012.497903518	3759937.50559619	667.60	1.50
	=B1897+1 (sensitive receptor: C1856)				
** receptor	DISCCART	406012.497903518	3759887.50577351	662.40	1.50
	=B1898+1 (sensitive receptor: C1857)				
** receptor	DISCCART	406012.497903518	3759837.50595083	645.10	1.50
	=B1899+1 (sensitive receptor: C1858)				
** receptor	DISCCART	406012.497903518	3759787.50612815	625.50	1.50
	=B1900+1 (sensitive receptor: C1859)				
** receptor	DISCCART	406012.497903518	3759737.50630547	624.60	1.50
	=B1901+1 (sensitive receptor: C1860)				
** receptor	DISCCART	406012.497903518	3759687.50648279	557.50	1.50
	=B1902+1 (sensitive receptor: C1861)				
** receptor	DISCCART	406012.497903518	3759637.50666011	544.40	1.50
	=B1903+1 (sensitive receptor: C1862)				
** receptor	DISCCART	406012.497903518	3759587.50683743	528.10	1.50
	=B1904+1 (sensitive receptor: C1863)				
** receptor	DISCCART	406012.497903518	3759537.50701475	528.10	1.50
	=B1905+1 (sensitive receptor: C1864)				
** receptor	DISCCART	406012.497903518	3759487.50719207	521.90	1.50
	=B1906+1 (sensitive receptor: C1865)				
** receptor	DISCCART	406012.497903518	3759437.50736939	492.90	1.50
	=B1907+1 (sensitive receptor: C1866)				
** receptor	DISCCART	406012.497903518	3759387.49754874	480.10	1.50
	=B1908+1 (sensitive receptor: C1867)				
** receptor	DISCCART	406012.497903518	3759337.49772606	450.70	1.50
	=B1909+1 (sensitive receptor: C1868)				
** receptor	DISCCART	406012.497903518	3759287.49790338	426.30	1.50
	=B1910+1 (sensitive receptor: C1869)				
** receptor	DISCCART	406012.497903518	3759237.4980807	399.10	1.50
	=B1911+1 (sensitive receptor: C1870)				
** receptor	DISCCART	406012.497903518	3759187.49825802	381.40	1.50
	=B1912+1 (sensitive receptor: C1871)				
** receptor	DISCCART	406012.497903518	3759137.49843534	378.10	1.50
	=B1913+1 (sensitive receptor: C1872)				
** receptor	DISCCART	406012.497903518	3759087.49861266	370.60	1.50
	=B1914+1 (sensitive receptor: C1873)				
** receptor	DISCCART	406012.497903518	3759037.49878997	361.70	1.50
	=B1915+1 (sensitive receptor: C1874)				
** receptor	DISCCART	406012.497903518	3758987.49896729	360.80	1.50
	=B1916+1 (sensitive receptor: C1875)				
** receptor	DISCCART	406012.497903518	3758937.49914461	355.10	1.50
	=B1917+1 (sensitive receptor: C1876)				
** receptor	DISCCART	406012.497903518	3758887.49932193	347.60	1.50
	=B1918+1 (sensitive receptor: C1877)				
** receptor	DISCCART	406012.497903518	3758837.49949925	337.80	1.50
	=B1919+1 (sensitive receptor: C1878)				
** receptor	DISCCART	406012.497903518	3758787.49967657	334.60	1.50
	=B1920+1 (sensitive receptor: C1879)				
** receptor	DISCCART	406012.497903518	3758737.49985389	327.90	1.50
	=B1921+1 (sensitive receptor: C1880)				
** receptor	DISCCART	406012.497903518	3758687.50003121	321.40	1.50
	=B1922+1 (sensitive receptor: C1881)				
** receptor	DISCCART	406012.497903518	3758637.50020853	315.80	1.50
	=B1923+1 (sensitive receptor: C1882)				

Appendix B

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DISCCART 406062.500703329 3759987.50541887 686.90 1.50
 ** receptor =B1924+1 (sensitive receptor: C1883)
 DISCCART 406062.500703329 3759837.50595083 582.90 1.50
 ** receptor =B1925+1 (sensitive receptor: C1884)
 DISCCART 406062.500703329 3759787.50612815 563.20 1.50
 ** receptor =B1926+1 (sensitive receptor: C1885)
 DISCCART 406062.500703329 3759737.50630547 545.60 1.50
 ** receptor =B1927+1 (sensitive receptor: C1886)
 DISCCART 406062.500703329 3759687.50648279 548.50 1.50
 ** receptor =B1928+1 (sensitive receptor: C1887)
 DISCCART 406062.500703329 3759637.50666011 528.50 1.50
 ** receptor =B1929+1 (sensitive receptor: C1888)
 DISCCART 406062.500703329 3759587.50683743 517.70 1.50
 ** receptor =B1930+1 (sensitive receptor: C1889)
 DISCCART 406062.500703329 3759537.50701475 480.20 1.50
 ** receptor =B1931+1 (sensitive receptor: C1890)
 DISCCART 406062.500703329 3759487.50719207 465.80 1.50
 ** receptor =B1932+1 (sensitive receptor: C1891)
 DISCCART 406062.500703329 3759437.50736939 454.00 1.50
 ** receptor =B1933+1 (sensitive receptor: C1892)
 DISCCART 406062.500703329 3759387.49754874 437.60 1.50
 ** receptor =B1934+1 (sensitive receptor: C1893)
 DISCCART 406062.500703329 3759337.49772606 424.50 1.50
 ** receptor =B1935+1 (sensitive receptor: C1894)
 DISCCART 406062.500703329 3759287.49790338 414.80 1.50
 ** receptor =B1936+1 (sensitive receptor: C1895)
 DISCCART 406062.500703329 3759237.4980807 393.60 1.50
 ** receptor =B1937+1 (sensitive receptor: C1896)
 DISCCART 406062.500703329 3759187.49825802 390.30 1.50
 ** receptor =B1938+1 (sensitive receptor: C1897)
 DISCCART 406062.500703329 3759137.49843534 383.70 1.50
 ** receptor =B1939+1 (sensitive receptor: C1898)
 DISCCART 406062.500703329 3759087.49861266 377.10 1.50
 ** receptor =B1940+1 (sensitive receptor: C1899)
 DISCCART 406062.500703329 3759037.49878997 370.60 1.50
 ** receptor =B1941+1 (sensitive receptor: C1900)
 DISCCART 406062.500703329 3758987.49896729 367.30 1.50
 ** receptor =B1942+1 (sensitive receptor: C1901)
 DISCCART 406062.500703329 3758937.49914461 357.50 1.50
 ** receptor =B1943+1 (sensitive receptor: C1902)
 DISCCART 406062.500703329 3758887.49932193 351.90 1.50
 ** receptor =B1944+1 (sensitive receptor: C1903)
 DISCCART 406062.500703329 3758837.49949925 344.40 1.50
 ** receptor =B1945+1 (sensitive receptor: C1904)
 DISCCART 406062.500703329 3758787.49967657 337.80 1.50
 ** receptor =B1946+1 (sensitive receptor: C1905)
 DISCCART 406062.500703329 3758737.49985389 332.20 1.50
 ** receptor =B1947+1 (sensitive receptor: C1906)
 DISCCART 406062.500703329 3758687.50003121 324.70 1.50
 ** receptor =B1948+1 (sensitive receptor: C1907)
 DISCCART 406062.500703329 3758637.50020853 321.40 1.50
 ** receptor =B1949+1 (sensitive receptor: C1908)
 DISCCART 406112.495257296 3759987.50541887 592.60 1.50
 ** receptor =B1950+1 (sensitive receptor: C1909)
 DISCCART 406112.495257296 3759837.50595083 488.70 1.50
 ** receptor =B1951+1 (sensitive receptor: C1910)
 DISCCART 406112.495257296 3759787.50612815 485.40 1.50
 ** receptor =B1952+1 (sensitive receptor: C1911)
 DISCCART 406112.495257296 3759737.50630547 478.00 1.50
 ** receptor =B1953+1 (sensitive receptor: C1912)
 DISCCART 406112.495257296 3759687.50648279 475.60 1.50
 ** receptor =B1954+1 (sensitive receptor: C1913)
 DISCCART 406112.495257296 3759637.50666011 469.00 1.50
 ** receptor =B1955+1 (sensitive receptor: C1914)
 DISCCART 406112.495257296 3759587.50683743 469.00 1.50
 ** receptor =B1956+1 (sensitive receptor: C1915)
 DISCCART 406112.495257296 3759537.50701475 464.80 1.50
 ** receptor =B1957+1 (sensitive receptor: C1916)
 DISCCART 406112.495257296 3759487.50719207 448.70 1.50
 ** receptor =B1958+1 (sensitive receptor: C1917)
 DISCCART 406112.495257296 3759437.50736939 426.30 1.50
 ** receptor =B1959+1 (sensitive receptor: C1918)
 DISCCART 406112.495257296 3759387.49754874 417.50 1.50
 ** receptor =B1960+1 (sensitive receptor: C1919)
 DISCCART 406112.495257296 3759337.49772606 421.60 1.50
 ** receptor =B1961+1 (sensitive receptor: C1920)

Appendix B

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** receptor	DISCCART	406112.495257296	3759287.49790338	418.40	1.50
	=B1962+1 (sensitive receptor: C1921)				
** receptor	DISCCART	406112.495257296	3759237.4980807	404.30	1.50
	=B1963+1 (sensitive receptor: C1922)				
** receptor	DISCCART	406112.495257296	3759187.49825802	397.80	1.50
	=B1964+1 (sensitive receptor: C1923)				
** receptor	DISCCART	406112.495257296	3759137.49843534	390.30	1.50
	=B1965+1 (sensitive receptor: C1924)				
** receptor	DISCCART	406112.495257296	3759087.49861266	383.70	1.50
	=B1966+1 (sensitive receptor: C1925)				
** receptor	DISCCART	406112.495257296	3759037.49878997	378.10	1.50
	=B1967+1 (sensitive receptor: C1926)				
** receptor	DISCCART	406112.495257296	3758987.49896729	373.90	1.50
	=B1968+1 (sensitive receptor: C1927)				
** receptor	DISCCART	406112.495257296	3758937.49914461	365.00	1.50
	=B1969+1 (sensitive receptor: C1928)				
** receptor	DISCCART	406112.495257296	3758887.49932193	358.40	1.50
	=B1970+1 (sensitive receptor: C1929)				
** receptor	DISCCART	406112.495257296	3758837.49949925	351.90	1.50
	=B1971+1 (sensitive receptor: C1930)				
** receptor	DISCCART	406112.495257296	3758787.49967657	344.30	1.50
	=B1972+1 (sensitive receptor: C1931)				
** receptor	DISCCART	406112.495257296	3758737.49985389	335.50	1.50
	=B1973+1 (sensitive receptor: C1932)				
** receptor	DISCCART	406112.495257296	3758687.50003121	331.20	1.50
	=B1974+1 (sensitive receptor: C1933)				
** receptor	DISCCART	406112.495257296	3758637.50020853	324.70	1.50
	=B1975+1 (sensitive receptor: C1934)				
** receptor	DISCCART	406162.498057107	3759987.50541887	509.70	1.50
	=B1976+1 (sensitive receptor: C1935)				
** receptor	DISCCART	406162.498057107	3759837.50595083	503.20	1.50
	=B1977+1 (sensitive receptor: C1936)				
** receptor	DISCCART	406162.498057107	3759787.50612815	506.00	1.50
	=B1978+1 (sensitive receptor: C1937)				
** receptor	DISCCART	406162.498057107	3759437.50736939	449.80	1.50
	=B1979+1 (sensitive receptor: C1938)				
** receptor	DISCCART	406162.498057107	3759387.49754874	454.50	1.50
	=B1980+1 (sensitive receptor: C1939)				
** receptor	DISCCART	406162.498057107	3759337.49772606	452.20	1.50
	=B1981+1 (sensitive receptor: C1940)				
** receptor	DISCCART	406162.498057107	3759287.49790338	433.80	1.50
	=B1982+1 (sensitive receptor: C1941)				
** receptor	DISCCART	406162.498057107	3759237.4980807	414.20	1.50
	=B1983+1 (sensitive receptor: C1942)				
** receptor	DISCCART	406162.498057107	3759187.49825802	404.30	1.50
	=B1984+1 (sensitive receptor: C1943)				
** receptor	DISCCART	406162.498057107	3759137.49843534	396.80	1.50
	=B1985+1 (sensitive receptor: C1944)				
** receptor	DISCCART	406162.498057107	3759087.49861266	390.30	1.50
	=B1986+1 (sensitive receptor: C1945)				
** receptor	DISCCART	406162.498057107	3759037.49878997	384.70	1.50
	=B1987+1 (sensitive receptor: C1946)				
** receptor	DISCCART	406162.498057107	3758987.49896729	380.50	1.50
	=B1988+1 (sensitive receptor: C1947)				
** receptor	DISCCART	406162.498057107	3758937.49914461	371.50	1.50
	=B1989+1 (sensitive receptor: C1948)				
** receptor	DISCCART	406162.498057107	3758887.49932193	364.10	1.50
	=B1990+1 (sensitive receptor: C1949)				
** receptor	DISCCART	406162.498057107	3758837.49949925	357.50	1.50
	=B1991+1 (sensitive receptor: C1950)				
** receptor	DISCCART	406162.498057107	3758787.49967657	347.60	1.50
	=B1992+1 (sensitive receptor: C1951)				
** receptor	DISCCART	406162.498057107	3758737.49985389	337.80	1.50
	=B1993+1 (sensitive receptor: C1952)				
** receptor	DISCCART	406162.498057107	3758687.50003121	334.50	1.50
	=B1994+1 (sensitive receptor: C1953)				
** receptor	DISCCART	406162.498057107	3758637.50020853	328.00	1.50
	=B1995+1 (sensitive receptor: C1954)				
** receptor	DISCCART	406212.500856919	3759437.50736939	498.50	1.50
	=B1996+1 (sensitive receptor: C1955)				
** receptor	DISCCART	406212.500856919	3759387.49754874	483.00	1.50
	=B1997+1 (sensitive receptor: C1956)				
** receptor	DISCCART	406212.500856919	3759337.49772606	462.50	1.50
	=B1998+1 (sensitive receptor: C1957)				
** receptor	DISCCART	406212.500856919	3759287.49790338	442.70	1.50
	=B1999+1 (sensitive receptor: C1958)				

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DISCCART 406212.500856919 3759237.4980807 420.70 1.50
 ** receptor =B2000+1 (sensitive receptor: C1959)
 DISCCART 406212.500856919 3759187.49825802 410.00 1.50
 ** receptor =B2001+1 (sensitive receptor: C1960)
 DISCCART 406212.500856919 3759137.49843534 403.40 1.50
 ** receptor =B2002+1 (sensitive receptor: C1961)
 DISCCART 406212.500856919 3759087.49861266 396.80 1.50
 ** receptor =B2003+1 (sensitive receptor: C1962)
 DISCCART 406212.500856919 3759037.49878997 390.20 1.50
 ** receptor =B2004+1 (sensitive receptor: C1963)
 DISCCART 406212.500856919 3758987.49896729 383.70 1.50
 ** receptor =B2005+1 (sensitive receptor: C1964)
 DISCCART 406212.500856919 3758937.49914461 377.10 1.50
 ** receptor =B2006+1 (sensitive receptor: C1965)
 DISCCART 406212.500856919 3758887.49932193 367.30 1.50
 ** receptor =B2007+1 (sensitive receptor: C1966)
 DISCCART 406212.500856919 3758837.49949925 358.40 1.50
 ** receptor =B2008+1 (sensitive receptor: C1967)
 DISCCART 406212.500856919 3758787.49967657 350.90 1.50
 ** receptor =B2009+1 (sensitive receptor: C1968)
 DISCCART 406212.500856919 3758737.49985389 341.10 1.50
 ** receptor =B2010+1 (sensitive receptor: C1969)
 DISCCART 406212.500856919 3758687.50003121 337.80 1.50
 ** receptor =B2011+1 (sensitive receptor: C1970)
 DISCCART 406212.500856919 3758637.50020853 334.50 1.50
 ** receptor =B2012+1 (sensitive receptor: C1971)
 DISCCART 406262.495410886 3759437.50736939 502.70 1.50
 ** receptor =B2013+1 (sensitive receptor: C1972)
 DISCCART 406262.495410886 3759387.49754874 490.40 1.50
 ** receptor =B2014+1 (sensitive receptor: C1973)
 DISCCART 406262.495410886 3759337.49772606 459.10 1.50
 ** receptor =B2015+1 (sensitive receptor: C1974)
 DISCCART 406262.495410886 3759287.49790338 446.00 1.50
 ** receptor =B2016+1 (sensitive receptor: C1975)
 DISCCART 406262.495410886 3759237.4980807 430.50 1.50
 ** receptor =B2017+1 (sensitive receptor: C1976)
 DISCCART 406262.495410886 3759187.49825802 416.50 1.50
 ** receptor =B2018+1 (sensitive receptor: C1977)
 DISCCART 406262.495410886 3759137.49843534 406.70 1.50
 ** receptor =B2019+1 (sensitive receptor: C1978)
 DISCCART 406262.495410886 3759087.49861266 400.20 1.50
 ** receptor =B2020+1 (sensitive receptor: C1979)
 DISCCART 406262.495410886 3759037.49878997 393.50 1.50
 ** receptor =B2021+1 (sensitive receptor: C1980)
 DISCCART 406262.495410886 3758987.49896729 383.70 1.50
 ** receptor =B2022+1 (sensitive receptor: C1981)
 DISCCART 406262.495410886 3758937.49914461 377.10 1.50
 ** receptor =B2023+1 (sensitive receptor: C1982)
 DISCCART 406262.495410886 3758887.49932193 367.40 1.50
 ** receptor =B2024+1 (sensitive receptor: C1983)
 DISCCART 406262.495410886 3758837.49949925 359.80 1.50
 ** receptor =B2025+1 (sensitive receptor: C1984)
 DISCCART 406262.495410886 3758787.49967657 354.20 1.50
 ** receptor =B2026+1 (sensitive receptor: C1985)
 DISCCART 406262.495410886 3758737.49985389 344.40 1.50
 ** receptor =B2027+1 (sensitive receptor: C1986)
 DISCCART 406262.495410886 3758687.50003121 341.10 1.50
 ** receptor =B2028+1 (sensitive receptor: C1987)
 DISCCART 406262.495410886 3758637.50020853 337.80 1.50
 ** receptor =B2029+1 (sensitive receptor: C1988)
 DISCCART 406312.498210697 3759437.50736939 511.60 1.50
 ** receptor =B2030+1 (sensitive receptor: C1989)
 DISCCART 406312.498210697 3759387.49754874 505.00 1.50
 ** receptor =B2031+1 (sensitive receptor: C1990)
 DISCCART 406312.498210697 3759337.49772606 473.10 1.50
 ** receptor =B2032+1 (sensitive receptor: C1991)
 DISCCART 406312.498210697 3759287.49790338 452.60 1.50
 ** receptor =B2033+1 (sensitive receptor: C1992)
 DISCCART 406312.498210697 3759237.4980807 436.20 1.50
 ** receptor =B2034+1 (sensitive receptor: C1993)
 DISCCART 406312.498210697 3759187.49825802 419.80 1.50
 ** receptor =B2035+1 (sensitive receptor: C1994)
 DISCCART 406312.498210697 3759137.49843534 409.90 1.50
 ** receptor =B2036+1 (sensitive receptor: C1995)
 DISCCART 406312.498210697 3759087.49861266 400.20 1.50
 ** receptor =B2037+1 (sensitive receptor: C1996)

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** receptor	DISCCART	406312.498210697	3759037.49878997	393.50	1.50
	=B2038+1 (sensitive receptor: C1997)				
** receptor	DISCCART	406312.498210697	3758987.49896729	383.70	1.50
	=B2039+1 (sensitive receptor: C1998)				
** receptor	DISCCART	406312.498210697	3758937.49914461	373.90	1.50
	=B2040+1 (sensitive receptor: C1999)				
** receptor	DISCCART	406312.498210697	3758887.49932193	367.40	1.50
	=B2041+1 (sensitive receptor: C2000)				
** receptor	DISCCART	406312.498210697	3758837.49949925	360.70	1.50
	=B2042+1 (sensitive receptor: C2001)				
** receptor	DISCCART	406312.498210697	3758787.49967657	354.20	1.50
	=B2043+1 (sensitive receptor: C2002)				
** receptor	DISCCART	406312.498210697	3758737.49985389	347.70	1.50
	=B2044+1 (sensitive receptor: C2003)				
** receptor	DISCCART	406312.498210697	3758687.50003121	344.40	1.50
	=B2045+1 (sensitive receptor: C2004)				
** receptor	DISCCART	406312.498210697	3758637.50020853	342.00	1.50
	=B2046+1 (sensitive receptor: C2005)				
** receptor	DISCCART	406362.501010508	3759437.50736939	495.70	1.50
	=B2047+1 (sensitive receptor: C2006)				
** receptor	DISCCART	406362.501010508	3759387.49754874	485.90	1.50
	=B2048+1 (sensitive receptor: C2007)				
** receptor	DISCCART	406362.501010508	3759337.49772606	471.20	1.50
	=B2049+1 (sensitive receptor: C2008)				
** receptor	DISCCART	406362.501010508	3759287.49790338	449.30	1.50
	=B2050+1 (sensitive receptor: C2009)				
** receptor	DISCCART	406362.501010508	3759237.4980807	436.20	1.50
	=B2051+1 (sensitive receptor: C2010)				
** receptor	DISCCART	406362.501010508	3759187.49825802	423.00	1.50
	=B2052+1 (sensitive receptor: C2011)				
** receptor	DISCCART	406362.501010508	3759137.49843534	413.20	1.50
	=B2053+1 (sensitive receptor: C2012)				
** receptor	DISCCART	406362.501010508	3759087.49861266	403.40	1.50
	=B2054+1 (sensitive receptor: C2013)				
** receptor	DISCCART	406362.501010508	3759037.49878997	393.60	1.50
	=B2055+1 (sensitive receptor: C2014)				
** receptor	DISCCART	406362.501010508	3758987.49896729	383.80	1.50
	=B2056+1 (sensitive receptor: C2015)				
** receptor	DISCCART	406362.501010508	3758937.49914461	377.10	1.50
	=B2057+1 (sensitive receptor: C2016)				
** receptor	DISCCART	406362.501010508	3758887.49932193	366.40	1.50
	=B2058+1 (sensitive receptor: C2017)				
** receptor	DISCCART	406362.501010508	3758837.49949925	357.50	1.50
	=B2059+1 (sensitive receptor: C2018)				
** receptor	DISCCART	406362.501010508	3758787.49967657	354.20	1.50
	=B2060+1 (sensitive receptor: C2019)				
** receptor	DISCCART	406362.501010508	3758737.49985389	351.90	1.50
	=B2061+1 (sensitive receptor: C2020)				
** receptor	DISCCART	406362.501010508	3758687.50003121	351.00	1.50
	=B2062+1 (sensitive receptor: C2021)				
** receptor	DISCCART	406362.501010508	3758637.50020853	347.70	1.50
	=B2063+1 (sensitive receptor: C2022)				
** receptor	DISCCART	406412.503810319	3759337.49772606	455.80	1.50
	=B2064+1 (sensitive receptor: C2023)				
** receptor	DISCCART	406412.503810319	3759287.49790338	446.10	1.50
	=B2065+1 (sensitive receptor: C2024)				
** receptor	DISCCART	406412.503810319	3759237.4980807	439.50	1.50
	=B2066+1 (sensitive receptor: C2025)				
** receptor	DISCCART	406412.503810319	3759187.49825802	426.30	1.50
	=B2067+1 (sensitive receptor: C2026)				
** receptor	DISCCART	406412.503810319	3759137.49843534	413.30	1.50
	=B2068+1 (sensitive receptor: C2027)				
** receptor	DISCCART	406412.503810319	3759087.49861266	403.40	1.50
	=B2069+1 (sensitive receptor: C2028)				
** receptor	DISCCART	406412.503810319	3759037.49878997	393.60	1.50
	=B2070+1 (sensitive receptor: C2029)				
** receptor	DISCCART	406412.503810319	3758987.49896729	387.00	1.50
	=B2071+1 (sensitive receptor: C2030)				
** receptor	DISCCART	406412.503810319	3758937.49914461	378.10	1.50
	=B2072+1 (sensitive receptor: C2031)				
** receptor	DISCCART	406412.503810319	3758887.49932193	364.00	1.50
	=B2073+1 (sensitive receptor: C2032)				
** receptor	DISCCART	406412.503810319	3758837.49949925	357.50	1.50
	=B2074+1 (sensitive receptor: C2033)				
** receptor	DISCCART	406412.503810319	3758787.49967657	355.20	1.50
	=B2075+1 (sensitive receptor: C2034)				

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** DISCCART	406412.503810319	3758737.49985389	357.50	1.50
** receptor	=B2076+1 (sensitive receptor: C2035)			
** DISCCART	406412.503810319	3758687.50003121	357.50	1.50
** receptor	=B2077+1 (sensitive receptor: C2036)			
** DISCCART	406412.503810319	3758637.50020853	355.10	1.50
** receptor	=B2078+1 (sensitive receptor: C2037)			
** DISCCART	406462.498364286	3759287.49790338	449.30	1.50
** receptor	=B2079+1 (sensitive receptor: C2038)			
** DISCCART	406462.498364286	3759237.4980807	439.40	1.50
** receptor	=B2080+1 (sensitive receptor: C2039)			
** DISCCART	406462.498364286	3759187.49825802	426.30	1.50
** receptor	=B2081+1 (sensitive receptor: C2040)			
** DISCCART	406462.498364286	3759137.49843534	413.20	1.50
** receptor	=B2082+1 (sensitive receptor: C2041)			
** DISCCART	406462.498364286	3759087.49861266	400.20	1.50
** receptor	=B2083+1 (sensitive receptor: C2042)			
** DISCCART	406462.498364286	3759037.49878997	393.60	1.50
** receptor	=B2084+1 (sensitive receptor: C2043)			
** DISCCART	406462.498364286	3758987.49896729	387.00	1.50
** receptor	=B2085+1 (sensitive receptor: C2044)			
** DISCCART	406462.498364286	3758937.49914461	380.50	1.50
** receptor	=B2086+1 (sensitive receptor: C2045)			
** DISCCART	406462.498364286	3758887.49932193	368.20	1.50
** receptor	=B2087+1 (sensitive receptor: C2046)			
** DISCCART	406462.498364286	3758837.49949925	358.40	1.50
** receptor	=B2088+1 (sensitive receptor: C2047)			
** DISCCART	406462.498364286	3758787.49967657	361.70	1.50
** receptor	=B2089+1 (sensitive receptor: C2048)			
** DISCCART	406462.498364286	3758737.49985389	361.70	1.50
** receptor	=B2090+1 (sensitive receptor: C2049)			
** DISCCART	406462.498364286	3758687.50003121	364.00	1.50
** receptor	=B2091+1 (sensitive receptor: C2050)			
** DISCCART	406462.498364286	3758637.50020853	358.40	1.50
** receptor	=B2092+1 (sensitive receptor: C2051)			
** DISCCART	406512.501164097	3759287.49790338	452.60	1.50
** receptor	=B2093+1 (sensitive receptor: C2052)			
** DISCCART	406512.501164097	3759237.4980807	439.50	1.50
** receptor	=B2094+1 (sensitive receptor: C2053)			
** DISCCART	406512.501164097	3759187.49825802	424.00	1.50
** receptor	=B2095+1 (sensitive receptor: C2054)			
** DISCCART	406512.501164097	3759137.49843534	414.20	1.50
** receptor	=B2096+1 (sensitive receptor: C2055)			
** DISCCART	406512.501164097	3759087.49861266	406.60	1.50
** receptor	=B2097+1 (sensitive receptor: C2056)			
** DISCCART	406512.501164097	3759037.49878997	397.80	1.50
** receptor	=B2098+1 (sensitive receptor: C2057)			
** DISCCART	406512.501164097	3758987.49896729	390.20	1.50
** receptor	=B2099+1 (sensitive receptor: C2058)			
** DISCCART	406512.501164097	3758937.49914461	382.80	1.50
** receptor	=B2100+1 (sensitive receptor: C2059)			
** DISCCART	406512.501164097	3758887.49932193	373.90	1.50
** receptor	=B2101+1 (sensitive receptor: C2060)			
** DISCCART	406512.501164097	3758837.49949925	374.80	1.50
** receptor	=B2102+1 (sensitive receptor: C2061)			
** DISCCART	406512.501164097	3758787.49967657	371.60	1.50
** receptor	=B2103+1 (sensitive receptor: C2062)			
** DISCCART	406512.501164097	3758737.49985389	371.60	1.50
** receptor	=B2104+1 (sensitive receptor: C2063)			
** DISCCART	406512.501164097	3758687.50003121	368.30	1.50
** receptor	=B2105+1 (sensitive receptor: C2064)			
** DISCCART	406512.501164097	3758637.50020853	365.00	1.50
** receptor	=B2106+1 (sensitive receptor: C2065)			
** DISCCART	406562.495718064	3759237.4980807	443.60	1.50
** receptor	=B2107+1 (sensitive receptor: C2066)			
** DISCCART	406562.495718064	3759187.49825802	432.90	1.50
** receptor	=B2108+1 (sensitive receptor: C2067)			
** DISCCART	406562.495718064	3759137.49843534	419.80	1.50
** receptor	=B2109+1 (sensitive receptor: C2068)			
** DISCCART	406562.495718064	3759087.49861266	410.90	1.50
** receptor	=B2110+1 (sensitive receptor: C2069)			
** DISCCART	406562.495718064	3759037.49878997	403.40	1.50
** receptor	=B2111+1 (sensitive receptor: C2070)			
** DISCCART	406562.495718064	3758987.49896729	393.50	1.50
** receptor	=B2112+1 (sensitive receptor: C2071)			
** DISCCART	406562.495718064	3758937.49914461	381.40	1.50
** receptor	=B2113+1 (sensitive receptor: C2072)			

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** DISCCART	406562.495718064	3758887.49932193	381.40	1.50
** receptor	=B2114+1 (sensitive receptor: C2073)			
** DISCCART	406562.495718064	3758837.49949925	384.70	1.50
** receptor	=B2115+1 (sensitive receptor: C2074)			
** DISCCART	406562.495718064	3758787.49967657	381.40	1.50
** receptor	=B2116+1 (sensitive receptor: C2075)			
** DISCCART	406562.495718064	3758737.49985389	380.40	1.50
** receptor	=B2117+1 (sensitive receptor: C2076)			
** DISCCART	406562.495718064	3758687.50003121	374.80	1.50
** receptor	=B2118+1 (sensitive receptor: C2077)			
** DISCCART	406562.495718064	3758637.50020853	370.60	1.50
** receptor	=B2119+1 (sensitive receptor: C2078)			
** DISCCART	406562.495718064	3758587.50038585	364.10	1.50
** receptor	=B2120+1 (sensitive receptor: C2079)			
** DISCCART	406612.498517875	3759187.49825802	440.40	1.50
** receptor	=B2121+1 (sensitive receptor: C2080)			
** DISCCART	406612.498517875	3759137.49843534	427.30	1.50
** receptor	=B2122+1 (sensitive receptor: C2081)			
** DISCCART	406612.498517875	3759087.49861266	416.50	1.50
** receptor	=B2123+1 (sensitive receptor: C2082)			
** DISCCART	406612.498517875	3759037.49878997	403.40	1.50
** receptor	=B2124+1 (sensitive receptor: C2083)			
** DISCCART	406612.498517875	3758987.49896729	396.80	1.50
** receptor	=B2125+1 (sensitive receptor: C2084)			
** DISCCART	406612.498517875	3758937.49914461	397.80	1.50
** receptor	=B2126+1 (sensitive receptor: C2085)			
** DISCCART	406612.498517875	3758887.49932193	397.80	1.50
** receptor	=B2127+1 (sensitive receptor: C2086)			
** DISCCART	406612.498517875	3758837.49949925	393.60	1.50
** receptor	=B2128+1 (sensitive receptor: C2087)			
** DISCCART	406612.498517875	3758787.49967657	387.00	1.50
** receptor	=B2129+1 (sensitive receptor: C2088)			
** DISCCART	406612.498517875	3758737.49985389	383.70	1.50
** receptor	=B2130+1 (sensitive receptor: C2089)			
** DISCCART	406612.498517875	3758687.50003121	380.40	1.50
** receptor	=B2131+1 (sensitive receptor: C2090)			
** DISCCART	406612.498517875	3758637.50020853	370.60	1.50
** receptor	=B2132+1 (sensitive receptor: C2091)			
** DISCCART	406612.498517875	3758587.50038585	364.10	1.50
** receptor	=B2133+1 (sensitive receptor: C2092)			
** DISCCART	406662.501317687	3759187.49825802	446.00	1.50
** receptor	=B2134+1 (sensitive receptor: C2093)			
** DISCCART	406662.501317687	3759137.49843534	429.60	1.50
** receptor	=B2135+1 (sensitive receptor: C2094)			
** DISCCART	406662.501317687	3759087.49861266	419.80	1.50
** receptor	=B2136+1 (sensitive receptor: C2095)			
** DISCCART	406662.501317687	3759037.49878997	410.90	1.50
** receptor	=B2137+1 (sensitive receptor: C2096)			
** DISCCART	406662.501317687	3758987.49896729	408.60	1.50
** receptor	=B2138+1 (sensitive receptor: C2097)			
** DISCCART	406662.501317687	3758937.49914461	410.00	1.50
** receptor	=B2139+1 (sensitive receptor: C2098)			
** DISCCART	406662.501317687	3758887.49932193	403.40	1.50
** receptor	=B2140+1 (sensitive receptor: C2099)			
** DISCCART	406662.501317687	3758837.49949925	400.10	1.50
** receptor	=B2141+1 (sensitive receptor: C2100)			
** DISCCART	406662.501317687	3758787.49967657	390.30	1.50
** receptor	=B2142+1 (sensitive receptor: C2101)			
** DISCCART	406662.501317687	3758737.49985389	383.80	1.50
** receptor	=B2143+1 (sensitive receptor: C2102)			
** DISCCART	406712.495871654	3759137.49843534	430.50	1.50
** receptor	=B2144+1 (sensitive receptor: C2103)			
** DISCCART	406712.495871654	3759087.49861266	430.70	1.50
** receptor	=B2145+1 (sensitive receptor: C2104)			
** DISCCART	406712.495871654	3759037.49878997	428.20	1.50
** receptor	=B2146+1 (sensitive receptor: C2105)			
** DISCCART	406712.495871654	3758987.49896729	424.00	1.50
** receptor	=B2147+1 (sensitive receptor: C2106)			
** DISCCART	406712.495871654	3758937.49914461	419.80	1.50
** receptor	=B2148+1 (sensitive receptor: C2107)			
** DISCCART	406712.495871654	3758887.49932193	405.70	1.50
** receptor	=B2149+1 (sensitive receptor: C2108)			
** DISCCART	406712.495871654	3758587.50038585	373.80	1.50
** receptor	=B2150+1 (sensitive receptor: C2109)			
** DISCCART	406762.498671465	3759037.49878997	446.90	1.50
** receptor	=B2151+1 (sensitive receptor: C2110)			

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** receptor	DISCCART	406762.498671465	3758987.49896729	432.80	1.50
** receptor	=B2152+1 (sensitive receptor: C2111)				
** receptor	DISCCART	406762.498671465	3758937.49914461	416.60	1.50
** receptor	=B2153+1 (sensitive receptor: C2112)				
** receptor	DISCCART	406762.498671465	3758687.50003121	388.00	1.50
** receptor	=B2154+1 (sensitive receptor: C2113)				
** receptor	DISCCART	406762.498671465	3758637.50020853	382.80	1.50
** receptor	=B2155+1 (sensitive receptor: C2114)				
** receptor	DISCCART	406762.498671465	3758587.50038585	373.90	1.50
** receptor	=B2156+1 (sensitive receptor: C2115)				
** receptor	DISCCART	406812.501471276	3758987.49896729	435.20	1.50
** receptor	=B2157+1 (sensitive receptor: C2116)				
** receptor	DISCCART	406812.501471276	3758687.50003121	397.80	1.50
** receptor	=B2158+1 (sensitive receptor: C2117)				
** receptor	DISCCART	406812.501471276	3758637.50020853	384.70	1.50
** receptor	=B2159+1 (sensitive receptor: C2118)				
** receptor	DISCCART	406812.501471276	3758587.50038585	379.40	1.50
** receptor	=B2160+1 (sensitive receptor: C2119)				
** receptor	DISCCART	406862.496025243	3758737.49985389	406.70	1.50
** receptor	=B2161+1 (sensitive receptor: C2120)				
** receptor	DISCCART	406862.496025243	3758687.50003121	400.10	1.50
** receptor	=B2162+1 (sensitive receptor: C2121)				
** receptor	DISCCART	406862.496025243	3758637.50020853	387.00	1.50
** receptor	=B2163+1 (sensitive receptor: C2122)				
** receptor	DISCCART	406862.496025243	3758587.50038585	356.60	1.50
** receptor	=B2164+1 (sensitive receptor: C2123)				
** receptor	DISCCART	406912.498825054	3758787.49967657	416.60	1.50
** receptor	=B2165+1 (sensitive receptor: C2124)				
** receptor	DISCCART	406912.498825054	3758737.49985389	403.40	1.50
** receptor	=B2166+1 (sensitive receptor: C2125)				
** receptor	DISCCART	406912.498825054	3758687.50003121	393.60	1.50
** receptor	=B2167+1 (sensitive receptor: C2126)				
** receptor	DISCCART	406912.498825054	3758637.50020853	382.70	1.50
** receptor	=B2168+1 (sensitive receptor: C2127)				
** receptor	DISCCART	406912.498825054	3758587.50038585	378.20	1.50
** receptor	=B2169+1 (sensitive receptor: C2128)				
** receptor	DISCCART	406962.501624865	3758737.49985389	403.40	1.50
** receptor	=B2170+1 (sensitive receptor: C2129)				
** receptor	DISCCART	406962.501624865	3758687.50003121	393.50	1.50
** receptor	=B2171+1 (sensitive receptor: C2130)				
** receptor	DISCCART	406962.501624865	3758637.50020853	377.20	1.50
** receptor	=B2172+1 (sensitive receptor: C2131)				
** receptor	DISCCART	406962.501624865	3758587.50038585	383.80	1.50
** receptor	=B2173+1 (sensitive receptor: C2132)				
** receptor	DISCCART	407012.504424677	3758687.50003121	390.20	1.50
** receptor	=B2174+1 (sensitive receptor: C2133)				
** receptor	DISCCART	407012.504424677	3758637.50020853	378.20	1.50
** receptor	=B2175+1 (sensitive receptor: C2134)				
** receptor	DISCCART	407012.504424677	3758587.50038585	391.30	1.50
** receptor	=B2176+1 (sensitive receptor: C2135)				
** receptor	DISCCART	407062.498978644	3758687.50003121	383.70	1.50
** receptor	=B2177+1 (sensitive receptor: C2136)				
** receptor	DISCCART	407062.498978644	3758637.50020853	389.00	1.50
** receptor	=B2178+1 (sensitive receptor: C2137)				
** receptor	DISCCART	407062.498978644	3758587.50038585	400.20	1.50
** receptor	=B2179+1 (sensitive receptor: C2138)				
** receptor	DISCCART	407112.501778455	3758637.50020853	404.40	1.50
** receptor	=B2180+1 (sensitive receptor: C2139)				
** receptor	DISCCART	407112.501778455	3758587.50038585	410.00	1.50
** receptor	=B2181+1 (sensitive receptor: C2140)				
** receptor	DISCCART	407162.496332422	3758637.50020853	416.60	1.50
** receptor	=B2182+1 (sensitive receptor: C2141)				
** receptor	DISCCART	407162.496332422	3758587.50038585	416.60	1.50
** receptor	=B2183+1 (sensitive receptor: C2142)				
** receptor	DISCCART	407212.499132233	3758637.50020853	433.00	1.50
** receptor	=B2184+1 (sensitive receptor: C2143)				
** receptor	DISCCART	407212.499132233	3758587.50038585	447.10	1.50
** receptor	=B2185+1 (sensitive receptor: C2144)				
** receptor	DISCCART	407262.501932044	3758637.50020853	450.30	1.50
** receptor	=B2186+1 (sensitive receptor: C2145)				
** receptor	DISCCART	407262.501932044	3758587.50038585	453.60	1.50
** receptor	=B2187+1 (sensitive receptor: C2146)				
** receptor	DISCCART	407312.496486011	3758637.50020853	466.70	1.50
** receptor	=B2188+1 (sensitive receptor: C2147)				
** receptor	DISCCART	407312.496486011	3758587.50038585	463.40	1.50
** receptor	=B2189+1 (sensitive receptor: C2148)				

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** DISCCART	407362.499285822	3758637.50020853	479.80	1.50
** receptor	=B2190+1 (sensitive receptor: C2149)			
** DISCCART	407362.499285822	3758587.50038585	479.80	1.50
** receptor	=B2191+1 (sensitive receptor: C2150)			
** DISCCART	407412.502085634	3758637.50020853	499.50	1.50
** receptor	=B2192+1 (sensitive receptor: C2151)			
** DISCCART	407412.502085634	3758587.50038585	502.80	1.50
** receptor	=B2193+1 (sensitive receptor: C2152)			
** DISCCART	407462.4966396	3758637.50020853	500.90	1.50
** receptor	=B2194+1 (sensitive receptor: C2153)			
** DISCCART	407462.4966396	3758587.50038585	508.50	1.50
** receptor	=B2195+1 (sensitive receptor: C2154)			
** DISCCART	407512.499439412	3758637.50020853	481.20	1.50
** receptor	=B2196+1 (sensitive receptor: C2155)			
** DISCCART	407512.499439412	3758587.50038585	479.40	1.50
** receptor	=B2197+1 (sensitive receptor: C2156)			
** DISCCART	407562.502239223	3758637.50020853	0.00	1.50
** receptor	=B2198+1 (sensitive receptor: C2157)			
** DISCCART	407562.502239223	3758587.50038585	0.00	1.50
** receptor	=B2199+1 (sensitive receptor: C2158)			
** DISCCART	407612.49679319	3758637.50020853	0.00	1.50
** receptor	=B2200+1 (sensitive receptor: C2159)			
** DISCCART	407612.49679319	3758587.50038585	0.00	1.50
** receptor	=B2201+1 (sensitive receptor: C2160)			
** DISCCART	407662.499593001	3758637.50020853	0.00	1.50
** receptor	=B2202+1 (sensitive receptor: C2161)			
** DISCCART	407662.499593001	3758587.50038585	0.00	1.50
** receptor	=B2203+1 (sensitive receptor: C2162)			
** DISCCART	407712.502392812	3758637.50020853	0.00	1.50
** receptor	=B2204+1 (sensitive receptor: C2163)			
** DISCCART	407712.502392812	3758587.50038585	0.00	1.50
** receptor	=B2205+1 (sensitive receptor: C2164)			
** DISCCART	407762.496946779	3758637.50020853	0.00	1.50
** receptor	=B2206+1 (sensitive receptor: C2165)			
** DISCCART	407762.496946779	3758587.50038585	0.00	1.50
** receptor	=B2207+1 (sensitive receptor: C2166)			
** DISCCART	407812.49974659	3758637.50020853	0.00	1.50
** receptor	=B2208+1 (sensitive receptor: C2167)			
** DISCCART	407812.49974659	3758587.50038585	0.00	1.50
** receptor	=B2209+1 (sensitive receptor: C2168)			
** DISCCART	407862.502546402	3758637.50020853	0.00	1.50
** receptor	=B2210+1 (sensitive receptor: C2169)			
** DISCCART	407862.502546402	3758587.50038585	0.00	1.50
** receptor	=B2211+1 (sensitive receptor: C2170)			
** DISCCART	407912.497100369	3758637.50020853	0.00	1.50
** receptor	=B2212+1 (sensitive receptor: C2171)			
** DISCCART	407912.497100369	3758587.50038585	0.00	1.50
** receptor	=B2213+1 (sensitive receptor: C2172)			
** DISCCART	407962.49990018	3758637.50020853	0.00	1.50
** receptor	=B2214+1 (sensitive receptor: C2173)			
** DISCCART	407962.49990018	3758587.50038585	0.00	1.50
** receptor	=B2215+1 (sensitive receptor: C2174)			
** DISCCART	408012.502699991	3758637.50020853	0.00	1.50
** receptor	=B2216+1 (sensitive receptor: C2175)			
** DISCCART	408012.502699991	3758587.50038585	0.00	1.50
** receptor	=B2217+1 (sensitive receptor: C2176)			
** DISCCART	408062.497253958	3758637.50020853	0.00	1.50
** receptor	=B2218+1 (sensitive receptor: C2177)			
** DISCCART	408062.497253958	3758587.50038585	0.00	1.50
** receptor	=B2219+1 (sensitive receptor: C2178)			
** DISCCART	408112.500053769	3758637.50020853	0.00	1.50
** receptor	=B2220+1 (sensitive receptor: C2179)			
** DISCCART	408112.500053769	3758587.50038585	0.00	1.50
** receptor	=B2221+1 (sensitive receptor: C2180)			
** DISCCART	405987.496503612	3758537.50056317	305.00	1.50
** receptor	=B2222+1 (sensitive receptor: C2181)			
** DISCCART	406012.497903518	3758537.50056317	308.30	1.50
** receptor	=B2223+1 (sensitive receptor: C2182)			
** DISCCART	406037.499303424	3758537.50056317	310.80	1.50
** receptor	=B2224+1 (sensitive receptor: C2183)			
** DISCCART	406062.500703329	3758537.50056317	311.60	1.50
** receptor	=B2225+1 (sensitive receptor: C2184)			
** DISCCART	406087.502103235	3758537.50056317	314.90	1.50
** receptor	=B2226+1 (sensitive receptor: C2185)			
** DISCCART	406112.495257296	3758537.50056317	315.80	1.50
** receptor	=B2227+1 (sensitive receptor: C2186)			

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** receptor	DISCCART	406137.496657202	3758537.50056317	318.20	1.50
	=B2228+1 (sensitive receptor: C2187)				
** receptor	DISCCART	406162.498057107	3758537.50056317	321.40	1.50
	=B2229+1 (sensitive receptor: C2188)				
** receptor	DISCCART	406187.499457013	3758537.50056317	324.00	1.50
	=B2230+1 (sensitive receptor: C2189)				
** receptor	DISCCART	406212.500856919	3758537.50056317	327.90	1.50
	=B2231+1 (sensitive receptor: C2190)				
** receptor	DISCCART	406237.502256824	3758537.50056317	330.60	1.50
	=B2232+1 (sensitive receptor: C2191)				
** receptor	DISCCART	406262.495410886	3758537.50056317	334.60	1.50
	=B2233+1 (sensitive receptor: C2192)				
** receptor	DISCCART	406287.496810791	3758537.50056317	337.80	1.50
	=B2234+1 (sensitive receptor: C2193)				
** receptor	DISCCART	406312.498210697	3758537.50056317	341.10	1.50
	=B2235+1 (sensitive receptor: C2194)				
** receptor	DISCCART	406337.499610602	3758537.50056317	343.60	1.50
	=B2236+1 (sensitive receptor: C2195)				
** receptor	DISCCART	406362.501010508	3758537.50056317	344.40	1.50
	=B2237+1 (sensitive receptor: C2196)				
** receptor	DISCCART	406387.502410414	3758537.50056317	346.90	1.50
	=B2238+1 (sensitive receptor: C2197)				
** receptor	DISCCART	406412.503810319	3758537.50056317	347.70	1.50
	=B2239+1 (sensitive receptor: C2198)				
** receptor	DISCCART	406437.496964381	3758537.50056317	351.00	1.50
	=B2240+1 (sensitive receptor: C2199)				
** receptor	DISCCART	406462.498364286	3758537.50056317	354.20	1.50
	=B2241+1 (sensitive receptor: C2200)				
** receptor	DISCCART	406487.499764192	3758537.50056317	354.20	1.50
	=B2242+1 (sensitive receptor: C2201)				
** receptor	DISCCART	406512.501164097	3758537.50056317	357.50	1.50
	=B2243+1 (sensitive receptor: C2202)				
** receptor	DISCCART	406562.495718064	3758537.50056317	357.50	1.50
	=B2244+1 (sensitive receptor: C2203)				
** receptor	DISCCART	406612.498517875	3758537.50056317	360.70	1.50
	=B2245+1 (sensitive receptor: C2204)				
** receptor	DISCCART	406662.501317687	3758537.50056317	357.50	1.50
	=B2246+1 (sensitive receptor: C2205)				
** receptor	DISCCART	406712.495871654	3758537.50056317	360.70	1.50
	=B2247+1 (sensitive receptor: C2206)				
** receptor	DISCCART	406762.498671465	3758537.50056317	357.50	1.50
	=B2248+1 (sensitive receptor: C2207)				
** receptor	DISCCART	406812.501471276	3758537.50056317	360.80	1.50
	=B2249+1 (sensitive receptor: C2208)				
** receptor	DISCCART	406862.496025243	3758537.50056317	365.10	1.50
	=B2250+1 (sensitive receptor: C2209)				
** receptor	DISCCART	406912.498825054	3758537.50056317	377.10	1.50
	=B2251+1 (sensitive receptor: C2210)				
** receptor	DISCCART	406962.501624865	3758537.50056317	388.90	1.50
	=B2252+1 (sensitive receptor: C2211)				
** receptor	DISCCART	407012.504424677	3758537.50056317	400.20	1.50
	=B2253+1 (sensitive receptor: C2212)				
** receptor	DISCCART	407062.498978644	3758537.50056317	403.50	1.50
	=B2254+1 (sensitive receptor: C2213)				
** receptor	DISCCART	407112.501778455	3758537.50056317	416.60	1.50
	=B2255+1 (sensitive receptor: C2214)				
** receptor	DISCCART	407162.496332422	3758537.50056317	426.50	1.50
	=B2256+1 (sensitive receptor: C2215)				
** receptor	DISCCART	407212.499132233	3758537.50056317	462.60	1.50
	=B2257+1 (sensitive receptor: C2216)				
** receptor	DISCCART	407262.501932044	3758537.50056317	465.90	1.50
	=B2258+1 (sensitive receptor: C2217)				
** receptor	DISCCART	407312.496486011	3758537.50056317	482.30	1.50
	=B2259+1 (sensitive receptor: C2218)				
** receptor	DISCCART	407362.499285822	3758537.50056317	483.30	1.50
	=B2260+1 (sensitive receptor: C2219)				
** receptor	DISCCART	407412.502085634	3758537.50056317	496.20	1.50
	=B2261+1 (sensitive receptor: C2220)				
** receptor	DISCCART	407462.4966396	3758537.50056317	519.20	1.50
	=B2262+1 (sensitive receptor: C2221)				
** receptor	DISCCART	407512.499439412	3758537.50056317	486.90	1.50
	=B2263+1 (sensitive receptor: C2222)				
** receptor	DISCCART	407562.502239223	3758537.50056317	0.00	1.50
	=B2264+1 (sensitive receptor: C2223)				
** receptor	DISCCART	407612.49679319	3758537.50056317	0.00	1.50
	=B2265+1 (sensitive receptor: C2224)				

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DISCCART 407662.499593001 3758537.50056317 0.00 1.50
 ** receptor =B2266+1 (sensitive receptor: C2225)
 DISCCART 407712.502392812 3758537.50056317 0.00 1.50
 ** receptor =B2267+1 (sensitive receptor: C2226)
 DISCCART 407762.496946779 3758537.50056317 0.00 1.50
 ** receptor =B2268+1 (sensitive receptor: C2227)
 DISCCART 407812.49974659 3758537.50056317 0.00 1.50
 ** receptor =B2269+1 (sensitive receptor: C2228)
 DISCCART 407862.502546402 3758537.50056317 0.00 1.50
 ** receptor =B2270+1 (sensitive receptor: C2229)
 DISCCART 407912.497100369 3758537.50056317 0.00 1.50
 ** receptor =B2271+1 (sensitive receptor: C2230)
 DISCCART 407962.49990018 3758537.50056317 0.00 1.50
 ** receptor =B2272+1 (sensitive receptor: C2231)
 DISCCART 408012.502699991 3758537.50056317 0.00 1.50
 ** receptor =B2273+1 (sensitive receptor: C2232)
 DISCCART 408062.497253958 3758537.50056317 0.00 1.50
 ** receptor =B2274+1 (sensitive receptor: C2233)
 DISCCART 408112.500053769 3758537.50056317 0.00 1.50
 ** receptor =B2275+1 (sensitive receptor: C2234)
 DISCCART 405962.503349551 3758587.50038585 308.30 1.50
 ** receptor =B2276+1 (sensitive receptor: C2235)
 DISCCART 406012.497903518 3758587.50038585 311.60 1.50
 ** receptor =B2277+1 (sensitive receptor: C2236)
 DISCCART 406062.500703329 3758587.50038585 314.90 1.50
 ** receptor =B2278+1 (sensitive receptor: C2237)
 DISCCART 406112.495257296 3758587.50038585 318.20 1.50
 ** receptor =B2279+1 (sensitive receptor: C2238)
 DISCCART 406162.498057107 3758587.50038585 324.70 1.50
 ** receptor =B2280+1 (sensitive receptor: C2239)
 DISCCART 406212.500856919 3758587.50038585 331.20 1.50
 ** receptor =B2281+1 (sensitive receptor: C2240)
 DISCCART 406262.495410886 3758587.50038585 335.50 1.50
 ** receptor =B2282+1 (sensitive receptor: C2241)
 DISCCART 406312.498210697 3758587.50038585 342.00 1.50
 ** receptor =B2283+1 (sensitive receptor: C2242)
 DISCCART 406362.501010508 3758587.50038585 345.30 1.50
 ** receptor =B2284+1 (sensitive receptor: C2243)
 DISCCART 406412.503810319 3758587.50038585 351.00 1.50
 ** receptor =B2285+1 (sensitive receptor: C2244)
 DISCCART 406462.498364286 3758587.50038585 357.50 1.50
 ** receptor =B2286+1 (sensitive receptor: C2245)
 DISCCART 406512.501164097 3758587.50038585 360.80 1.50
 ** receptor =B2287+1 (sensitive receptor: C2246)
 DISCCART 405987.496503612 3760012.50033123 754.40 1.50
 ** receptor =B2288+1 (sensitive receptor: C2247)
 DISCCART 405987.496503612 3759962.50050855 734.70 1.50
 ** receptor =B2289+1 (sensitive receptor: C2248)
 DISCCART 405987.496503612 3759912.50068587 712.60 1.50
 ** receptor =B2290+1 (sensitive receptor: C2249)
 DISCCART 405987.496503612 3759862.50086319 672.50 1.50
 ** receptor =B2291+1 (sensitive receptor: C2250)
 DISCCART 405987.496503612 3759812.50104051 637.20 1.50
 ** receptor =B2292+1 (sensitive receptor: C2251)
 DISCCART 405987.496503612 3759762.50121783 623.20 1.50
 ** receptor =B2293+1 (sensitive receptor: C2252)
 DISCCART 405987.496503612 3759712.50139515 590.00 1.50
 ** receptor =B2294+1 (sensitive receptor: C2253)
 DISCCART 405987.496503612 3759662.50157247 544.10 1.50
 ** receptor =B2295+1 (sensitive receptor: C2254)
 DISCCART 405987.496503612 3759612.50174979 531.00 1.50
 ** receptor =B2296+1 (sensitive receptor: C2255)
 DISCCART 405987.496503612 3759562.5019271 525.80 1.50
 ** receptor =B2297+1 (sensitive receptor: C2256)
 DISCCART 405987.496503612 3759512.50210442 531.40 1.50
 ** receptor =B2298+1 (sensitive receptor: C2257)
 DISCCART 405987.496503612 3759462.50228174 529.30 1.50
 ** receptor =B2299+1 (sensitive receptor: C2258)
 DISCCART 405987.496503612 3759412.50245906 502.40 1.50
 ** receptor =B2300+1 (sensitive receptor: C2259)
 DISCCART 405987.496503612 3759362.50263638 470.80 1.50
 ** receptor =B2301+1 (sensitive receptor: C2260)
 DISCCART 405987.496503612 3759312.5028137 442.60 1.50
 ** receptor =B2302+1 (sensitive receptor: C2261)
 DISCCART 405987.496503612 3759262.50299102 415.70 1.50
 ** receptor =B2303+1 (sensitive receptor: C2262)

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** receptor	DISCCART	405987.496503612	3759212.50316834	380.80	1.50
	=B2304+1 (sensitive receptor: C2263)				
** receptor	DISCCART	405987.496503612	3759162.50334566	377.20	1.50
	=B2305+1 (sensitive receptor: C2264)				
** receptor	DISCCART	405987.496503612	3759112.50352298	371.90	1.50
	=B2306+1 (sensitive receptor: C2265)				
** receptor	DISCCART	405987.496503612	3759062.5037003	363.70	1.50
	=B2307+1 (sensitive receptor: C2266)				
** receptor	DISCCART	405987.496503612	3759012.50387762	357.50	1.50
	=B2308+1 (sensitive receptor: C2267)				
** receptor	DISCCART	405987.496503612	3758962.50405494	355.50	1.50
	=B2309+1 (sensitive receptor: C2268)				
** receptor	DISCCART	405987.496503612	3758912.50423226	348.90	1.50
	=B2310+1 (sensitive receptor: C2269)				
** receptor	DISCCART	405987.496503612	3758862.50440957	342.30	1.50
	=B2311+1 (sensitive receptor: C2270)				
** receptor	DISCCART	405987.496503612	3758812.50458689	334.60	1.50
	=B2312+1 (sensitive receptor: C2271)				
** receptor	DISCCART	405987.496503612	3758762.50476421	329.20	1.50
	=B2313+1 (sensitive receptor: C2272)				
** receptor	DISCCART	405987.496503612	3758712.50494153	322.70	1.50
	=B2314+1 (sensitive receptor: C2273)				
** receptor	DISCCART	405987.496503612	3758662.50511885	316.40	1.50
	=B2315+1 (sensitive receptor: C2274)				
** receptor	DISCCART	406037.499303424	3760012.50033123	724.10	1.50
	=B2316+1 (sensitive receptor: C2275)				
** receptor	DISCCART	406037.499303424	3759812.50104051	595.50	1.50
	=B2317+1 (sensitive receptor: C2276)				
** receptor	DISCCART	406037.499303424	3759762.50121783	588.60	1.50
	=B2318+1 (sensitive receptor: C2277)				
** receptor	DISCCART	406037.499303424	3759712.50139515	585.00	1.50
	=B2319+1 (sensitive receptor: C2278)				
** receptor	DISCCART	406037.499303424	3759662.50157247	546.00	1.50
	=B2320+1 (sensitive receptor: C2279)				
** receptor	DISCCART	406037.499303424	3759612.50174979	532.90	1.50
	=B2321+1 (sensitive receptor: C2280)				
** receptor	DISCCART	406037.499303424	3759562.5019271	523.50	1.50
	=B2322+1 (sensitive receptor: C2281)				
** receptor	DISCCART	406037.499303424	3759512.50210442	501.60	1.50
	=B2323+1 (sensitive receptor: C2282)				
** receptor	DISCCART	406037.499303424	3759462.50228174	468.20	1.50
	=B2324+1 (sensitive receptor: C2283)				
** receptor	DISCCART	406037.499303424	3759412.50245906	463.60	1.50
	=B2325+1 (sensitive receptor: C2284)				
** receptor	DISCCART	406037.499303424	3759362.50263638	444.10	1.50
	=B2326+1 (sensitive receptor: C2285)				
** receptor	DISCCART	406037.499303424	3759312.5028137	436.80	1.50
	=B2327+1 (sensitive receptor: C2286)				
** receptor	DISCCART	406037.499303424	3759262.50299102	402.80	1.50
	=B2328+1 (sensitive receptor: C2287)				
** receptor	DISCCART	406037.499303424	3759212.50316834	391.20	1.50
	=B2329+1 (sensitive receptor: C2288)				
** receptor	DISCCART	406037.499303424	3759162.50334566	383.40	1.50
	=B2330+1 (sensitive receptor: C2289)				
** receptor	DISCCART	406037.499303424	3759112.50352298	377.20	1.50
	=B2331+1 (sensitive receptor: C2290)				
** receptor	DISCCART	406037.499303424	3759062.5037003	370.30	1.50
	=B2332+1 (sensitive receptor: C2291)				
** receptor	DISCCART	406037.499303424	3759012.50387762	366.60	1.50
	=B2333+1 (sensitive receptor: C2292)				
** receptor	DISCCART	406037.499303424	3758962.50405494	362.00	1.50
	=B2334+1 (sensitive receptor: C2293)				
** receptor	DISCCART	406037.499303424	3758912.50423226	354.20	1.50
	=B2335+1 (sensitive receptor: C2294)				
** receptor	DISCCART	406037.499303424	3758862.50440957	344.40	1.50
	=B2336+1 (sensitive receptor: C2295)				
** receptor	DISCCART	406037.499303424	3758812.50458689	340.70	1.50
	=B2337+1 (sensitive receptor: C2296)				
** receptor	DISCCART	406037.499303424	3758762.50476421	334.20	1.50
	=B2338+1 (sensitive receptor: C2297)				
** receptor	DISCCART	406037.499303424	3758712.50494153	326.30	1.50
	=B2339+1 (sensitive receptor: C2298)				
** receptor	DISCCART	406037.499303424	3758662.50511885	321.10	1.50
	=B2340+1 (sensitive receptor: C2299)				
** receptor	DISCCART	406087.502103235	3760012.50033123	658.00	1.50
	=B2341+1 (sensitive receptor: C2300)				

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DISCCART 406087.502103235 3759812.50104051 501.10 1.50
 ** receptor =B2342+1 (sensitive receptor: C2301)
 DISCCART 406087.502103235 3759762.50121783 493.10 1.50
 ** receptor =B2343+1 (sensitive receptor: C2302)
 DISCCART 406087.502103235 3759712.50139515 497.00 1.50
 ** receptor =B2344+1 (sensitive receptor: C2303)
 DISCCART 406087.502103235 3759662.50157247 483.50 1.50
 ** receptor =B2345+1 (sensitive receptor: C2304)
 DISCCART 406087.502103235 3759612.50174979 489.70 1.50
 ** receptor =B2346+1 (sensitive receptor: C2305)
 DISCCART 406087.502103235 3759562.5019271 472.00 1.50
 ** receptor =B2347+1 (sensitive receptor: C2306)
 DISCCART 406087.502103235 3759512.50210442 465.80 1.50
 ** receptor =B2348+1 (sensitive receptor: C2307)
 DISCCART 406087.502103235 3759462.50228174 455.90 1.50
 ** receptor =B2349+1 (sensitive receptor: C2308)
 DISCCART 406087.502103235 3759412.50245906 426.80 1.50
 ** receptor =B2350+1 (sensitive receptor: C2309)
 DISCCART 406087.502103235 3759362.50263638 420.90 1.50
 ** receptor =B2351+1 (sensitive receptor: C2310)
 DISCCART 406087.502103235 3759312.5028137 418.30 1.50
 ** receptor =B2352+1 (sensitive receptor: C2311)
 DISCCART 406087.502103235 3759262.50299102 401.00 1.50
 ** receptor =B2353+1 (sensitive receptor: C2312)
 DISCCART 406087.502103235 3759212.50316834 394.80 1.50
 ** receptor =B2354+1 (sensitive receptor: C2313)
 DISCCART 406087.502103235 3759162.50334566 390.30 1.50
 ** receptor =B2355+1 (sensitive receptor: C2314)
 DISCCART 406087.502103235 3759112.50352298 383.40 1.50
 ** receptor =B2356+1 (sensitive receptor: C2315)
 DISCCART 406087.502103235 3759062.5037003 377.20 1.50
 ** receptor =B2357+1 (sensitive receptor: C2316)
 DISCCART 406087.502103235 3759012.50387762 373.20 1.50
 ** receptor =B2358+1 (sensitive receptor: C2317)
 DISCCART 406087.502103235 3758962.50405494 365.60 1.50
 ** receptor =B2359+1 (sensitive receptor: C2318)
 DISCCART 406087.502103235 3758912.50423226 358.70 1.50
 ** receptor =B2360+1 (sensitive receptor: C2319)
 DISCCART 406087.502103235 3758862.50440957 352.20 1.50
 ** receptor =B2361+1 (sensitive receptor: C2320)
 DISCCART 406087.502103235 3758812.50458689 344.40 1.50
 ** receptor =B2362+1 (sensitive receptor: C2321)
 DISCCART 406087.502103235 3758762.50476421 337.80 1.50
 ** receptor =B2363+1 (sensitive receptor: C2322)
 DISCCART 406087.502103235 3758712.50494153 331.30 1.50
 ** receptor =B2364+1 (sensitive receptor: C2323)
 DISCCART 406087.502103235 3758662.50511885 324.70 1.50
 ** receptor =B2365+1 (sensitive receptor: C2324)
 DISCCART 406137.496657202 3760012.50033123 577.10 1.50
 ** receptor =B2366+1 (sensitive receptor: C2325)
 DISCCART 406137.496657202 3759812.50104051 485.40 1.50
 ** receptor =B2367+1 (sensitive receptor: C2326)
 DISCCART 406137.496657202 3759762.50121783 485.10 1.50
 ** receptor =B2368+1 (sensitive receptor: C2327)
 DISCCART 406137.496657202 3759712.50139515 484.00 1.50
 ** receptor =B2369+1 (sensitive receptor: C2328)
 DISCCART 406137.496657202 3759662.50157247 477.70 1.50
 ** receptor =B2370+1 (sensitive receptor: C2329)
 DISCCART 406137.496657202 3759612.50174979 469.00 1.50
 ** receptor =B2371+1 (sensitive receptor: C2330)
 DISCCART 406137.496657202 3759562.5019271 461.10 1.50
 ** receptor =B2372+1 (sensitive receptor: C2331)
 DISCCART 406137.496657202 3759512.50210442 436.60 1.50
 ** receptor =B2373+1 (sensitive receptor: C2332)
 DISCCART 406137.496657202 3759462.50228174 426.40 1.50
 ** receptor =B2374+1 (sensitive receptor: C2333)
 DISCCART 406137.496657202 3759412.50245906 433.20 1.50
 ** receptor =B2375+1 (sensitive receptor: C2334)
 DISCCART 406137.496657202 3759362.50263638 436.40 1.50
 ** receptor =B2376+1 (sensitive receptor: C2335)
 DISCCART 406137.496657202 3759312.5028137 436.40 1.50
 ** receptor =B2377+1 (sensitive receptor: C2336)
 DISCCART 406137.496657202 3759262.50299102 417.40 1.50
 ** receptor =B2378+1 (sensitive receptor: C2337)
 DISCCART 406137.496657202 3759212.50316834 404.70 1.50
 ** receptor =B2379+1 (sensitive receptor: C2338)

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DISCCART 406137.496657202 3759162.50334566 398.10 1.50
 ** receptor =B2380+1 (sensitive receptor: C2339)
 DISCCART 406137.496657202 3759112.50352298 390.30 1.50
 ** receptor =B2381+1 (sensitive receptor: C2340)
 DISCCART 406137.496657202 3759062.5037003 383.40 1.50
 ** receptor =B2382+1 (sensitive receptor: C2341)
 DISCCART 406137.496657202 3759012.50387762 380.50 1.50
 ** receptor =B2383+1 (sensitive receptor: C2342)
 DISCCART 406137.496657202 3758962.50405494 373.50 1.50
 ** receptor =B2384+1 (sensitive receptor: C2343)
 DISCCART 406137.496657202 3758912.50423226 365.30 1.50
 ** receptor =B2385+1 (sensitive receptor: C2344)
 DISCCART 406137.496657202 3758862.50440957 357.50 1.50
 ** receptor =B2386+1 (sensitive receptor: C2345)
 DISCCART 406137.496657202 3758812.50458689 349.20 1.50
 ** receptor =B2387+1 (sensitive receptor: C2346)
 DISCCART 406137.496657202 3758762.50476421 342.30 1.50
 ** receptor =B2388+1 (sensitive receptor: C2347)
 DISCCART 406137.496657202 3758712.50494153 334.60 1.50
 ** receptor =B2389+1 (sensitive receptor: C2348)
 DISCCART 406137.496657202 3758662.50511885 329.20 1.50
 ** receptor =B2390+1 (sensitive receptor: C2349)
 DISCCART 406187.499457013 3759412.50245906 481.00 1.50
 ** receptor =B2391+1 (sensitive receptor: C2350)
 DISCCART 406187.499457013 3759362.50263638 463.30 1.50
 ** receptor =B2392+1 (sensitive receptor: C2351)
 DISCCART 406187.499457013 3759312.5028137 455.10 1.50
 ** receptor =B2393+1 (sensitive receptor: C2352)
 DISCCART 406187.499457013 3759262.50299102 427.60 1.50
 ** receptor =B2394+1 (sensitive receptor: C2353)
 DISCCART 406187.499457013 3759212.50316834 412.90 1.50
 ** receptor =B2395+1 (sensitive receptor: C2354)
 DISCCART 406187.499457013 3759162.50334566 403.40 1.50
 ** receptor =B2396+1 (sensitive receptor: C2355)
 DISCCART 406187.499457013 3759112.50352298 396.50 1.50
 ** receptor =B2397+1 (sensitive receptor: C2356)
 DISCCART 406187.499457013 3759062.5037003 389.90 1.50
 ** receptor =B2398+1 (sensitive receptor: C2357)
 DISCCART 406187.499457013 3759012.50387762 385.00 1.50
 ** receptor =B2399+1 (sensitive receptor: C2358)
 DISCCART 406187.499457013 3758962.50405494 380.10 1.50
 ** receptor =B2400+1 (sensitive receptor: C2359)
 DISCCART 406187.499457013 3758912.50423226 368.90 1.50
 ** receptor =B2401+1 (sensitive receptor: C2360)
 DISCCART 406187.499457013 3758862.50440957 362.40 1.50
 ** receptor =B2402+1 (sensitive receptor: C2361)
 DISCCART 406187.499457013 3758812.50458689 354.20 1.50
 ** receptor =B2403+1 (sensitive receptor: C2362)
 DISCCART 406187.499457013 3758762.50476421 344.40 1.50
 ** receptor =B2404+1 (sensitive receptor: C2363)
 DISCCART 406187.499457013 3758712.50494153 337.50 1.50
 ** receptor =B2405+1 (sensitive receptor: C2364)
 DISCCART 406187.499457013 3758662.50511885 334.20 1.50
 ** receptor =B2406+1 (sensitive receptor: C2365)
 DISCCART 406237.502256824 3759412.50245906 492.80 1.50
 ** receptor =B2407+1 (sensitive receptor: C2366)
 DISCCART 406237.502256824 3759362.50263638 472.90 1.50
 ** receptor =B2408+1 (sensitive receptor: C2367)
 DISCCART 406237.502256824 3759312.5028137 453.00 1.50
 ** receptor =B2409+1 (sensitive receptor: C2368)
 DISCCART 406237.502256824 3759262.50299102 437.40 1.50
 ** receptor =B2410+1 (sensitive receptor: C2369)
 DISCCART 406237.502256824 3759212.50316834 417.80 1.50
 ** receptor =B2411+1 (sensitive receptor: C2370)
 DISCCART 406237.502256824 3759162.50334566 408.30 1.50
 ** receptor =B2412+1 (sensitive receptor: C2371)
 DISCCART 406237.502256824 3759112.50352298 403.10 1.50
 ** receptor =B2413+1 (sensitive receptor: C2372)
 DISCCART 406237.502256824 3759062.5037003 394.80 1.50
 ** receptor =B2414+1 (sensitive receptor: C2373)
 DISCCART 406237.502256824 3759012.50387762 387.00 1.50
 ** receptor =B2415+1 (sensitive receptor: C2374)
 DISCCART 406237.502256824 3758962.50405494 380.50 1.50
 ** receptor =B2416+1 (sensitive receptor: C2375)
 DISCCART 406237.502256824 3758912.50423226 372.20 1.50
 ** receptor =B2417+1 (sensitive receptor: C2376)

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** DISCCART	406237.502256824	3758862.50440957	364.10	1.50
** receptor	=B2418+1 (sensitive receptor: C2377)			
** DISCCART	406237.502256824	3758812.50458689	355.80	1.50
** receptor	=B2419+1 (sensitive receptor: C2378)			
** DISCCART	406237.502256824	3758762.50476421	346.00	1.50
** receptor	=B2420+1 (sensitive receptor: C2379)			
** DISCCART	406237.502256824	3758712.50494153	341.10	1.50
** receptor	=B2421+1 (sensitive receptor: C2380)			
** DISCCART	406237.502256824	3758662.50511885	337.50	1.50
** receptor	=B2422+1 (sensitive receptor: C2381)			
** DISCCART	406287.496810791	3759412.50245906	504.70	1.50
** receptor	=B2423+1 (sensitive receptor: C2382)			
** DISCCART	406287.496810791	3759362.50263638	481.30	1.50
** receptor	=B2424+1 (sensitive receptor: C2383)			
** DISCCART	406287.496810791	3759312.5028137	455.50	1.50
** receptor	=B2425+1 (sensitive receptor: C2384)			
** DISCCART	406287.496810791	3759262.50299102	441.10	1.50
** receptor	=B2426+1 (sensitive receptor: C2385)			
** DISCCART	406287.496810791	3759212.50316834	424.70	1.50
** receptor	=B2427+1 (sensitive receptor: C2386)			
** DISCCART	406287.496810791	3759162.50334566	413.30	1.50
** receptor	=B2428+1 (sensitive receptor: C2387)			
** DISCCART	406287.496810791	3759112.50352298	403.40	1.50
** receptor	=B2429+1 (sensitive receptor: C2388)			
** DISCCART	406287.496810791	3759062.5037003	396.90	1.50
** receptor	=B2430+1 (sensitive receptor: C2389)			
** DISCCART	406287.496810791	3759012.50387762	388.30	1.50
** receptor	=B2431+1 (sensitive receptor: C2390)			
** DISCCART	406287.496810791	3758962.50405494	380.50	1.50
** receptor	=B2432+1 (sensitive receptor: C2391)			
** DISCCART	406287.496810791	3758912.50423226	372.20	1.50
** receptor	=B2433+1 (sensitive receptor: C2392)			
** DISCCART	406287.496810791	3758862.50440957	363.70	1.50
** receptor	=B2434+1 (sensitive receptor: C2393)			
** DISCCART	406287.496810791	3758812.50458689	355.80	1.50
** receptor	=B2435+1 (sensitive receptor: C2394)			
** DISCCART	406287.496810791	3758762.50476421	349.20	1.50
** receptor	=B2436+1 (sensitive receptor: C2395)			
** DISCCART	406287.496810791	3758712.50494153	344.40	1.50
** receptor	=B2437+1 (sensitive receptor: C2396)			
** DISCCART	406287.496810791	3758662.50511885	341.10	1.50
** receptor	=B2438+1 (sensitive receptor: C2397)			
** DISCCART	406337.499610602	3759412.50245906	504.10	1.50
** receptor	=B2439+1 (sensitive receptor: C2398)			
** DISCCART	406337.499610602	3759362.50263638	490.60	1.50
** receptor	=B2440+1 (sensitive receptor: C2399)			
** DISCCART	406337.499610602	3759312.5028137	462.40	1.50
** receptor	=B2441+1 (sensitive receptor: C2400)			
** DISCCART	406337.499610602	3759262.50299102	444.40	1.50
** receptor	=B2442+1 (sensitive receptor: C2401)			
** DISCCART	406337.499610602	3759212.50316834	428.00	1.50
** receptor	=B2443+1 (sensitive receptor: C2402)			
** DISCCART	406337.499610602	3759162.50334566	417.80	1.50
** receptor	=B2444+1 (sensitive receptor: C2403)			
** DISCCART	406337.499610602	3759112.50352298	405.00	1.50
** receptor	=B2445+1 (sensitive receptor: C2404)			
** DISCCART	406337.499610602	3759062.5037003	396.90	1.50
** receptor	=B2446+1 (sensitive receptor: C2405)			
** DISCCART	406337.499610602	3759012.50387762	388.60	1.50
** receptor	=B2447+1 (sensitive receptor: C2406)			
** DISCCART	406337.499610602	3758962.50405494	378.80	1.50
** receptor	=B2448+1 (sensitive receptor: C2407)			
** DISCCART	406337.499610602	3758912.50423226	370.60	1.50
** receptor	=B2449+1 (sensitive receptor: C2408)			
** DISCCART	406337.499610602	3758862.50440957	362.70	1.50
** receptor	=B2450+1 (sensitive receptor: C2409)			
** DISCCART	406337.499610602	3758812.50458689	357.50	1.50
** receptor	=B2451+1 (sensitive receptor: C2410)			
** DISCCART	406337.499610602	3758762.50476421	351.00	1.50
** receptor	=B2452+1 (sensitive receptor: C2411)			
** DISCCART	406337.499610602	3758712.50494153	347.70	1.50
** receptor	=B2453+1 (sensitive receptor: C2412)			
** DISCCART	406337.499610602	3758662.50511885	347.00	1.50
** receptor	=B2454+1 (sensitive receptor: C2413)			
** DISCCART	406387.502410414	3759362.50263638	465.50	1.50
** receptor	=B2455+1 (sensitive receptor: C2414)			

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DISCCART 406387.502410414 3759312.5028137 454.90 1.50
 ** receptor =B2456+1 (sensitive receptor: C2415)
 DISCCART 406387.502410414 3759262.50299102 440.70 1.50
 ** receptor =B2457+1 (sensitive receptor: C2416)
 DISCCART 406387.502410414 3759212.50316834 431.20 1.50
 ** receptor =B2458+1 (sensitive receptor: C2417)
 DISCCART 406387.502410414 3759162.50334566 418.10 1.50
 ** receptor =B2459+1 (sensitive receptor: C2418)
 DISCCART 406387.502410414 3759112.50352298 408.30 1.50
 ** receptor =B2460+1 (sensitive receptor: C2419)
 DISCCART 406387.502410414 3759062.5037003 400.20 1.50
 ** receptor =B2461+1 (sensitive receptor: C2420)
 DISCCART 406387.502410414 3759012.50387762 390.30 1.50
 ** receptor =B2462+1 (sensitive receptor: C2421)
 DISCCART 406387.502410414 3758962.50405494 381.70 1.50
 ** receptor =B2463+1 (sensitive receptor: C2422)
 DISCCART 406387.502410414 3758912.50423226 372.20 1.50
 ** receptor =B2464+1 (sensitive receptor: C2423)
 DISCCART 406387.502410414 3758862.50440957 359.10 1.50
 ** receptor =B2465+1 (sensitive receptor: C2424)
 DISCCART 406387.502410414 3758812.50458689 354.20 1.50
 ** receptor =B2466+1 (sensitive receptor: C2425)
 DISCCART 406387.502410414 3758762.50476421 354.20 1.50
 ** receptor =B2467+1 (sensitive receptor: C2426)
 DISCCART 406387.502410414 3758712.50494153 354.20 1.50
 ** receptor =B2468+1 (sensitive receptor: C2427)
 DISCCART 406387.502410414 3758662.50511885 353.50 1.50
 ** receptor =B2469+1 (sensitive receptor: C2428)
 DISCCART 406437.496964381 3759312.5028137 450.90 1.50
 ** receptor =B2470+1 (sensitive receptor: C2429)
 DISCCART 406437.496964381 3759262.50299102 443.10 1.50
 ** receptor =B2471+1 (sensitive receptor: C2430)
 DISCCART 406437.496964381 3759212.50316834 432.80 1.50
 ** receptor =B2472+1 (sensitive receptor: C2431)
 DISCCART 406437.496964381 3759162.50334566 418.10 1.50
 ** receptor =B2473+1 (sensitive receptor: C2432)
 DISCCART 406437.496964381 3759112.50352298 408.30 1.50
 ** receptor =B2474+1 (sensitive receptor: C2433)
 DISCCART 406437.496964381 3759062.5037003 398.40 1.50
 ** receptor =B2475+1 (sensitive receptor: C2434)
 DISCCART 406437.496964381 3759012.50387762 391.90 1.50
 ** receptor =B2476+1 (sensitive receptor: C2435)
 DISCCART 406437.496964381 3758962.50405494 383.80 1.50
 ** receptor =B2477+1 (sensitive receptor: C2436)
 DISCCART 406437.496964381 3758912.50423226 374.80 1.50
 ** receptor =B2478+1 (sensitive receptor: C2437)
 DISCCART 406437.496964381 3758862.50440957 358.70 1.50
 ** receptor =B2479+1 (sensitive receptor: C2438)
 DISCCART 406437.496964381 3758812.50458689 357.50 1.50
 ** receptor =B2480+1 (sensitive receptor: C2439)
 DISCCART 406437.496964381 3758762.50476421 357.50 1.50
 ** receptor =B2481+1 (sensitive receptor: C2440)
 DISCCART 406437.496964381 3758712.50494153 358.90 1.50
 ** receptor =B2482+1 (sensitive receptor: C2441)
 DISCCART 406437.496964381 3758662.50511885 357.50 1.50
 ** receptor =B2483+1 (sensitive receptor: C2442)
 DISCCART 406487.499764192 3759312.5028137 453.90 1.50
 ** receptor =B2484+1 (sensitive receptor: C2443)
 DISCCART 406487.499764192 3759262.50299102 444.40 1.50
 ** receptor =B2485+1 (sensitive receptor: C2444)
 DISCCART 406487.499764192 3759212.50316834 431.20 1.50
 ** receptor =B2486+1 (sensitive receptor: C2445)
 DISCCART 406487.499764192 3759162.50334566 416.90 1.50
 ** receptor =B2487+1 (sensitive receptor: C2446)
 DISCCART 406487.499764192 3759112.50352298 408.30 1.50
 ** receptor =B2488+1 (sensitive receptor: C2447)
 DISCCART 406487.499764192 3759062.5037003 399.80 1.50
 ** receptor =B2489+1 (sensitive receptor: C2448)
 DISCCART 406487.499764192 3759012.50387762 393.20 1.50
 ** receptor =B2490+1 (sensitive receptor: C2449)
 DISCCART 406487.499764192 3758962.50405494 385.30 1.50
 ** receptor =B2491+1 (sensitive receptor: C2450)
 DISCCART 406487.499764192 3758912.50423226 378.80 1.50
 ** receptor =B2492+1 (sensitive receptor: C2451)
 DISCCART 406487.499764192 3758862.50440957 367.00 1.50
 ** receptor =B2493+1 (sensitive receptor: C2452)

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DISCCART 406487.499764192 3758812.50458689 365.00 1.50
 ** receptor =B2494+1 (sensitive receptor: C2453)
 DISCCART 406487.499764192 3758762.50476421 367.40 1.50
 ** receptor =B2495+1 (sensitive receptor: C2454)
 DISCCART 406487.499764192 3758712.50494153 367.40 1.50
 ** receptor =B2496+1 (sensitive receptor: C2455)
 DISCCART 406487.499764192 3758662.50511885 364.10 1.50
 ** receptor =B2497+1 (sensitive receptor: C2456)
 DISCCART 406537.502564003 3759262.50299102 447.60 1.50
 ** receptor =B2498+1 (sensitive receptor: C2457)
 DISCCART 406537.502564003 3759212.50316834 434.50 1.50
 ** receptor =B2499+1 (sensitive receptor: C2458)
 DISCCART 406537.502564003 3759162.50334566 421.40 1.50
 ** receptor =B2500+1 (sensitive receptor: C2459)
 DISCCART 406537.502564003 3759112.50352298 412.90 1.50
 ** receptor =B2501+1 (sensitive receptor: C2460)
 DISCCART 406537.502564003 3759062.5037003 403.40 1.50
 ** receptor =B2502+1 (sensitive receptor: C2461)
 DISCCART 406537.502564003 3759012.50387762 396.50 1.50
 ** receptor =B2503+1 (sensitive receptor: C2462)
 DISCCART 406537.502564003 3758962.50405494 383.80 1.50
 ** receptor =B2504+1 (sensitive receptor: C2463)
 DISCCART 406537.502564003 3758912.50423226 377.20 1.50
 ** receptor =B2505+1 (sensitive receptor: C2464)
 DISCCART 406537.502564003 3758862.50440957 378.50 1.50
 ** receptor =B2506+1 (sensitive receptor: C2465)
 DISCCART 406537.502564003 3758812.50458689 380.10 1.50
 ** receptor =B2507+1 (sensitive receptor: C2466)
 DISCCART 406537.502564003 3758762.50476421 377.20 1.50
 ** receptor =B2508+1 (sensitive receptor: C2467)
 DISCCART 406537.502564003 3758712.50494153 373.90 1.50
 ** receptor =B2509+1 (sensitive receptor: C2468)
 DISCCART 406537.502564003 3758662.50511885 370.30 1.50
 ** receptor =B2510+1 (sensitive receptor: C2469)
 DISCCART 406587.49711797 3759212.50316834 442.40 1.50
 ** receptor =B2511+1 (sensitive receptor: C2470)
 DISCCART 406587.49711797 3759162.50334566 430.50 1.50
 ** receptor =B2512+1 (sensitive receptor: C2471)
 DISCCART 406587.49711797 3759112.50352298 417.80 1.50
 ** receptor =B2513+1 (sensitive receptor: C2472)
 DISCCART 406587.49711797 3759062.5037003 408.30 1.50
 ** receptor =B2514+1 (sensitive receptor: C2473)
 DISCCART 406587.49711797 3759012.50387762 398.40 1.50
 ** receptor =B2515+1 (sensitive receptor: C2474)
 DISCCART 406587.49711797 3758962.50405494 389.90 1.50
 ** receptor =B2516+1 (sensitive receptor: C2475)
 DISCCART 406587.49711797 3758912.50423226 389.60 1.50
 ** receptor =B2517+1 (sensitive receptor: C2476)
 DISCCART 406587.49711797 3758862.50440957 391.50 1.50
 ** receptor =B2518+1 (sensitive receptor: C2477)
 DISCCART 406587.49711797 3758812.50458689 387.00 1.50
 ** receptor =B2519+1 (sensitive receptor: C2478)
 DISCCART 406587.49711797 3758762.50476421 383.40 1.50
 ** receptor =B2520+1 (sensitive receptor: C2479)
 DISCCART 406587.49711797 3758712.50494153 380.10 1.50
 ** receptor =B2521+1 (sensitive receptor: C2480)
 DISCCART 406587.49711797 3758662.50511885 375.10 1.50
 ** receptor =B2522+1 (sensitive receptor: C2481)
 DISCCART 406587.49711797 3758612.50529617 367.40 1.50
 ** receptor =B2523+1 (sensitive receptor: C2482)
 DISCCART 406637.499917781 3759212.50316834 450.60 1.50
 ** receptor =B2524+1 (sensitive receptor: C2483)
 DISCCART 406637.499917781 3759162.50334566 437.80 1.50
 ** receptor =B2525+1 (sensitive receptor: C2484)
 DISCCART 406637.499917781 3759112.50352298 424.70 1.50
 ** receptor =B2526+1 (sensitive receptor: C2485)
 DISCCART 406637.499917781 3759062.5037003 414.80 1.50
 ** receptor =B2527+1 (sensitive receptor: C2486)
 DISCCART 406637.499917781 3759012.50387762 399.80 1.50
 ** receptor =B2528+1 (sensitive receptor: C2487)
 DISCCART 406637.499917781 3758962.50405494 403.10 1.50
 ** receptor =B2529+1 (sensitive receptor: C2488)
 DISCCART 406637.499917781 3758912.50423226 402.70 1.50
 ** receptor =B2530+1 (sensitive receptor: C2489)
 DISCCART 406637.499917781 3758862.50440957 399.80 1.50
 ** receptor =B2531+1 (sensitive receptor: C2490)

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** DISCCART	406637.499917781	3758812.50458689	393.60	1.50
** receptor	=B2532+1 (sensitive receptor: C2491)			
** DISCCART	406637.499917781	3758762.50476421	387.00	1.50
** receptor	=B2533+1 (sensitive receptor: C2492)			
** DISCCART	406637.499917781	3758712.50494153	383.40	1.50
** receptor	=B2534+1 (sensitive receptor: C2493)			
** DISCCART	406637.499917781	3758662.50511885	372.60	1.50
** receptor	=B2535+1 (sensitive receptor: C2494)			
** DISCCART	406687.502717592	3759162.50334566	438.20	1.50
** receptor	=B2536+1 (sensitive receptor: C2495)			
** DISCCART	406687.502717592	3759112.50352298	419.80	1.50
** receptor	=B2537+1 (sensitive receptor: C2496)			
** DISCCART	406687.502717592	3759062.5037003	422.40	1.50
** receptor	=B2538+1 (sensitive receptor: C2497)			
** DISCCART	406687.502717592	3759012.50387762	417.60	1.50
** receptor	=B2539+1 (sensitive receptor: C2498)			
** DISCCART	406687.502717592	3758962.50405494	415.80	1.50
** receptor	=B2540+1 (sensitive receptor: C2499)			
** DISCCART	406687.502717592	3758912.50423226	411.60	1.50
** receptor	=B2541+1 (sensitive receptor: C2500)			
** DISCCART	406687.502717592	3758862.50440957	403.40	1.50
** receptor	=B2542+1 (sensitive receptor: C2501)			
** DISCCART	406687.502717592	3758762.50476421	387.00	1.50
** receptor	=B2543+1 (sensitive receptor: C2502)			
** DISCCART	406737.497271559	3759112.50352298	438.80	1.50
** receptor	=B2544+1 (sensitive receptor: C2503)			
** DISCCART	406737.497271559	3759062.5037003	447.90	1.50
** receptor	=B2545+1 (sensitive receptor: C2504)			
** DISCCART	406737.497271559	3759012.50387762	433.80	1.50
** receptor	=B2546+1 (sensitive receptor: C2505)			
** DISCCART	406737.497271559	3758962.50405494	424.70	1.50
** receptor	=B2547+1 (sensitive receptor: C2506)			
** DISCCART	406737.497271559	3758912.50423226	411.60	1.50
** receptor	=B2548+1 (sensitive receptor: C2507)			
** DISCCART	406737.497271559	3758662.50511885	386.30	1.50
** receptor	=B2549+1 (sensitive receptor: C2508)			
** DISCCART	406737.497271559	3758612.50529617	380.50	1.50
** receptor	=B2550+1 (sensitive receptor: C2509)			
** DISCCART	406787.50007137	3759012.50387762	442.30	1.50
** receptor	=B2551+1 (sensitive receptor: C2510)			
** DISCCART	406787.50007137	3758962.50405494	424.70	1.50
** receptor	=B2552+1 (sensitive receptor: C2511)			
** DISCCART	406787.50007137	3758712.50494153	395.80	1.50
** receptor	=B2553+1 (sensitive receptor: C2512)			
** DISCCART	406787.50007137	3758662.50511885	391.50	1.50
** receptor	=B2554+1 (sensitive receptor: C2513)			
** DISCCART	406787.50007137	3758612.50529617	379.80	1.50
** receptor	=B2555+1 (sensitive receptor: C2514)			
** DISCCART	406837.502871182	3758712.50494153	403.40	1.50
** receptor	=B2556+1 (sensitive receptor: C2515)			
** DISCCART	406837.502871182	3758662.50511885	395.20	1.50
** receptor	=B2557+1 (sensitive receptor: C2516)			
** DISCCART	406837.502871182	3758612.50529617	382.40	1.50
** receptor	=B2558+1 (sensitive receptor: C2517)			
** DISCCART	406887.497425149	3758762.50476421	411.20	1.50
** receptor	=B2559+1 (sensitive receptor: C2518)			
** DISCCART	406887.497425149	3758712.50494153	401.70	1.50
** receptor	=B2560+1 (sensitive receptor: C2519)			
** DISCCART	406887.497425149	3758662.50511885	391.90	1.50
** receptor	=B2561+1 (sensitive receptor: C2520)			
** DISCCART	406887.497425149	3758612.50529617	369.50	1.50
** receptor	=B2562+1 (sensitive receptor: C2521)			
** DISCCART	406937.50022496	3758762.50476421	411.60	1.50
** receptor	=B2563+1 (sensitive receptor: C2522)			
** DISCCART	406937.50022496	3758712.50494153	398.40	1.50
** receptor	=B2564+1 (sensitive receptor: C2523)			
** DISCCART	406937.50022496	3758662.50511885	385.70	1.50
** receptor	=B2565+1 (sensitive receptor: C2524)			
** DISCCART	406937.50022496	3758612.50529617	378.50	1.50
** receptor	=B2566+1 (sensitive receptor: C2525)			
** DISCCART	406987.503024771	3758712.50494153	399.80	1.50
** receptor	=B2567+1 (sensitive receptor: C2526)			
** DISCCART	406987.503024771	3758662.50511885	382.00	1.50
** receptor	=B2568+1 (sensitive receptor: C2527)			
** DISCCART	406987.503024771	3758612.50529617	381.80	1.50
** receptor	=B2569+1 (sensitive receptor: C2528)			

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** DISCCART	407037.497578738	3758712.50494153	398.40	1.50
** receptor	=B2570+1 (sensitive receptor: C2529)			
** DISCCART	407037.497578738	3758662.50511885	377.50	1.50
** receptor	=B2571+1 (sensitive receptor: C2530)			
** DISCCART	407037.497578738	3758612.50529617	391.30	1.50
** receptor	=B2572+1 (sensitive receptor: C2531)			
** DISCCART	407087.500378549	3758662.50511885	382.80	1.50
** receptor	=B2573+1 (sensitive receptor: C2532)			
** DISCCART	407087.500378549	3758612.50529617	403.10	1.50
** receptor	=B2574+1 (sensitive receptor: C2533)			
** DISCCART	407137.50317836	3758662.50511885	404.40	1.50
** receptor	=B2575+1 (sensitive receptor: C2534)			
** DISCCART	407137.50317836	3758612.50529617	412.60	1.50
** receptor	=B2576+1 (sensitive receptor: C2535)			
** DISCCART	407187.497732327	3758662.50511885	426.00	1.50
** receptor	=B2577+1 (sensitive receptor: C2536)			
** DISCCART	407187.497732327	3758612.50529617	427.60	1.50
** receptor	=B2578+1 (sensitive receptor: C2537)			
** DISCCART	407237.500532139	3758662.50511885	442.10	1.50
** receptor	=B2579+1 (sensitive receptor: C2538)			
** DISCCART	407237.500532139	3758612.50529617	441.20	1.50
** receptor	=B2580+1 (sensitive receptor: C2539)			
** DISCCART	407287.50333195	3758662.50511885	458.50	1.50
** receptor	=B2581+1 (sensitive receptor: C2540)			
** DISCCART	407287.50333195	3758612.50529617	458.50	1.50
** receptor	=B2582+1 (sensitive receptor: C2541)			
** DISCCART	407337.497885917	3758662.50511885	474.90	1.50
** receptor	=B2583+1 (sensitive receptor: C2542)			
** DISCCART	407337.497885917	3758612.50529617	471.60	1.50
** receptor	=B2584+1 (sensitive receptor: C2543)			
** DISCCART	407387.500685728	3758662.50511885	491.30	1.50
** receptor	=B2585+1 (sensitive receptor: C2544)			
** DISCCART	407387.500685728	3758612.50529617	490.60	1.50
** receptor	=B2586+1 (sensitive receptor: C2545)			
** DISCCART	407437.495239695	3758662.50511885	504.40	1.50
** receptor	=B2587+1 (sensitive receptor: C2546)			
** DISCCART	407437.495239695	3758612.50529617	506.50	1.50
** receptor	=B2588+1 (sensitive receptor: C2547)			
** DISCCART	407487.498039506	3758662.50511885	500.10	1.50
** receptor	=B2589+1 (sensitive receptor: C2548)			
** DISCCART	407487.498039506	3758612.50529617	490.50	1.50
** receptor	=B2590+1 (sensitive receptor: C2549)			
** DISCCART	407537.500839317	3758662.50511885	0.00	1.50
** receptor	=B2591+1 (sensitive receptor: C2550)			
** DISCCART	407537.500839317	3758612.50529617	0.00	1.50
** receptor	=B2592+1 (sensitive receptor: C2551)			
** DISCCART	407587.495393284	3758662.50511885	0.00	1.50
** receptor	=B2593+1 (sensitive receptor: C2552)			
** DISCCART	407587.495393284	3758612.50529617	0.00	1.50
** receptor	=B2594+1 (sensitive receptor: C2553)			
** DISCCART	407637.498193095	3758612.50529617	0.00	1.50
** receptor	=B2595+1 (sensitive receptor: C2554)			
** DISCCART	407687.500992907	3758612.50529617	0.00	1.50
** receptor	=B2596+1 (sensitive receptor: C2555)			
** DISCCART	407737.495546874	3758612.50529617	0.00	1.50
** receptor	=B2597+1 (sensitive receptor: C2556)			
** DISCCART	407787.498346685	3758612.50529617	0.00	1.50
** receptor	=B2598+1 (sensitive receptor: C2557)			
** DISCCART	407837.501146496	3758612.50529617	0.00	1.50
** receptor	=B2599+1 (sensitive receptor: C2558)			
** DISCCART	407887.503946307	3758612.50529617	0.00	1.50
** receptor	=B2600+1 (sensitive receptor: C2559)			
** DISCCART	407937.498500274	3758612.50529617	0.00	1.50
** receptor	=B2601+1 (sensitive receptor: C2560)			
** DISCCART	407987.501300085	3758612.50529617	0.00	1.50
** receptor	=B2602+1 (sensitive receptor: C2561)			
** DISCCART	408037.495854052	3758612.50529617	0.00	1.50
** receptor	=B2603+1 (sensitive receptor: C2562)			
** DISCCART	408087.498653864	3758612.50529617	0.00	1.50
** receptor	=B2604+1 (sensitive receptor: C2563)			
** DISCCART	405987.496503612	3758612.50529617	311.60	1.50
** receptor	=B2605+1 (sensitive receptor: C2564)			
** DISCCART	406037.499303424	3758612.50529617	316.10	1.50
** receptor	=B2606+1 (sensitive receptor: C2565)			
** DISCCART	406087.502103235	3758612.50529617	319.70	1.50
** receptor	=B2607+1 (sensitive receptor: C2566)			

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** receptor	DISCCART	406137.496657202	3758612.50529617	322.70	1.50
	=B2608+1 (sensitive receptor: C2567)				
** receptor	DISCCART	406187.499457013	3758612.50529617	329.20	1.50
	=B2609+1 (sensitive receptor: C2568)				
** receptor	DISCCART	406237.502256824	3758612.50529617	334.60	1.50
	=B2610+1 (sensitive receptor: C2569)				
** receptor	DISCCART	406287.496810791	3758612.50529617	340.40	1.50
	=B2611+1 (sensitive receptor: C2570)				
** receptor	DISCCART	406337.499610602	3758612.50529617	344.40	1.50
	=B2612+1 (sensitive receptor: C2571)				
** receptor	DISCCART	406387.502410414	3758612.50529617	350.60	1.50
	=B2613+1 (sensitive receptor: C2572)				
** receptor	DISCCART	406437.496964381	3758612.50529617	356.80	1.50
	=B2614+1 (sensitive receptor: C2573)				
** receptor	DISCCART	406487.499764192	3758612.50529617	360.80	1.50
	=B2615+1 (sensitive receptor: C2574)				
** receptor	DISCCART	406512.501164097	3758562.50547349	358.00	1.50
	=B2616+1 (sensitive receptor: C2575)				
** receptor	DISCCART	406537.502564003	3758612.50529617	365.30	1.50
	=B2617+1 (sensitive receptor: C2576)				
** receptor	DISCCART	406562.495718064	3758562.50547349	360.80	1.50
	=B2618+1 (sensitive receptor: C2577)				
** receptor	DISCCART	406612.498517875	3758562.50547349	363.60	1.50
	=B2619+1 (sensitive receptor: C2578)				
** receptor	DISCCART	406662.501317687	3758562.50547349	360.80	1.50
	=B2620+1 (sensitive receptor: C2579)				
** receptor	DISCCART	406712.495871654	3758562.50547349	367.40	1.50
	=B2621+1 (sensitive receptor: C2580)				
** receptor	DISCCART	406762.498671465	3758562.50547349	367.30	1.50
	=B2622+1 (sensitive receptor: C2581)				
** receptor	DISCCART	406812.501471276	3758562.50547349	363.10	1.50
	=B2623+1 (sensitive receptor: C2582)				
** receptor	DISCCART	406862.496025243	3758562.50547349	360.20	1.50
	=B2624+1 (sensitive receptor: C2583)				
** receptor	DISCCART	406912.498825054	3758562.50547349	380.90	1.50
	=B2625+1 (sensitive receptor: C2584)				
** receptor	DISCCART	406962.501624865	3758562.50547349	387.50	1.50
	=B2626+1 (sensitive receptor: C2585)				
** receptor	DISCCART	407012.504424677	3758562.50547349	395.80	1.50
	=B2627+1 (sensitive receptor: C2586)				
** receptor	DISCCART	407062.498978644	3758562.50547349	402.20	1.50
	=B2628+1 (sensitive receptor: C2587)				
** receptor	DISCCART	407112.501778455	3758562.50547349	413.80	1.50
	=B2629+1 (sensitive receptor: C2588)				
** receptor	DISCCART	407162.496332422	3758562.50547349	417.00	1.50
	=B2630+1 (sensitive receptor: C2589)				
** receptor	DISCCART	407212.499132233	3758562.50547349	456.10	1.50
	=B2631+1 (sensitive receptor: C2590)				
** receptor	DISCCART	407262.501932044	3758562.50547349	458.60	1.50
	=B2632+1 (sensitive receptor: C2591)				
** receptor	DISCCART	407312.496486011	3758562.50547349	466.00	1.50
	=B2633+1 (sensitive receptor: C2592)				
** receptor	DISCCART	407362.499285822	3758562.50547349	479.80	1.50
	=B2634+1 (sensitive receptor: C2593)				
** receptor	DISCCART	407412.502085634	3758562.50547349	499.00	1.50
	=B2635+1 (sensitive receptor: C2594)				
** receptor	DISCCART	407462.4966396	3758562.50547349	515.80	1.50
	=B2636+1 (sensitive receptor: C2595)				
** receptor	DISCCART	407512.499439412	3758562.50547349	483.20	1.50
	=B2637+1 (sensitive receptor: C2596)				
** receptor	DISCCART	407562.502239223	3758562.50547349	0.00	1.50
	=B2638+1 (sensitive receptor: C2597)				
** receptor	DISCCART	407612.49679319	3758562.50547349	0.00	1.50
	=B2639+1 (sensitive receptor: C2598)				
** receptor	DISCCART	407662.499593001	3758562.50547349	0.00	1.50
	=B2640+1 (sensitive receptor: C2599)				
** receptor	DISCCART	407712.502392812	3758562.50547349	0.00	1.50
	=B2641+1 (sensitive receptor: C2600)				
** receptor	DISCCART	407762.496946779	3758562.50547349	0.00	1.50
	=B2642+1 (sensitive receptor: C2601)				
** receptor	DISCCART	407812.49974659	3758562.50547349	0.00	1.50
	=B2643+1 (sensitive receptor: C2602)				
** receptor	DISCCART	407862.502546402	3758562.50547349	0.00	1.50
	=B2644+1 (sensitive receptor: C2603)				
** receptor	DISCCART	407912.497100369	3758562.50547349	0.00	1.50
	=B2645+1 (sensitive receptor: C2604)				

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DISCCART	407962.49990018	3758562.50547349	0.00	1.50
** receptor	=B2646+1 (sensitive receptor: C2605)			
DISCCART	408012.502699991	3758562.50547349	0.00	1.50
** receptor	=B2647+1 (sensitive receptor: C2606)			
DISCCART	408062.497253958	3758562.50547349	0.00	1.50
** receptor	=B2648+1 (sensitive receptor: C2607)			
DISCCART	408112.500053769	3758562.50547349	0.00	1.50
** receptor	=B2649+1 (sensitive receptor: C2608)			
DISCCART	405987.496503612	3759987.50541887	748.50	1.50
** receptor	=B2650+1 (sensitive receptor: C2609)			
DISCCART	405987.496503612	3759937.50559619	717.10	1.50
** receptor	=B2651+1 (sensitive receptor: C2610)			
DISCCART	405987.496503612	3759887.50577351	696.60	1.50
** receptor	=B2652+1 (sensitive receptor: C2611)			
DISCCART	405987.496503612	3759837.50595083	649.30	1.50
** receptor	=B2653+1 (sensitive receptor: C2612)			
DISCCART	405987.496503612	3759787.50612815	627.20	1.50
** receptor	=B2654+1 (sensitive receptor: C2613)			
DISCCART	405987.496503612	3759737.50630547	624.90	1.50
** receptor	=B2655+1 (sensitive receptor: C2614)			
DISCCART	405987.496503612	3759687.50648279	554.20	1.50
** receptor	=B2656+1 (sensitive receptor: C2615)			
DISCCART	405987.496503612	3759637.50666011	537.10	1.50
** receptor	=B2657+1 (sensitive receptor: C2616)			
DISCCART	405987.496503612	3759587.50683743	524.10	1.50
** receptor	=B2658+1 (sensitive receptor: C2617)			
DISCCART	405987.496503612	3759537.50701475	530.70	1.50
** receptor	=B2659+1 (sensitive receptor: C2618)			
DISCCART	405987.496503612	3759487.50719207	531.40	1.50
** receptor	=B2660+1 (sensitive receptor: C2619)			
DISCCART	405987.496503612	3759437.50736939	520.60	1.50
** receptor	=B2661+1 (sensitive receptor: C2620)			
DISCCART	405987.496503612	3759387.49754874	488.50	1.50
** receptor	=B2662+1 (sensitive receptor: C2621)			
DISCCART	405987.496503612	3759337.49772606	458.30	1.50
** receptor	=B2663+1 (sensitive receptor: C2622)			
DISCCART	405987.496503612	3759287.49790338	426.30	1.50
** receptor	=B2664+1 (sensitive receptor: C2623)			
DISCCART	405987.496503612	3759237.4980807	402.50	1.50
** receptor	=B2665+1 (sensitive receptor: C2624)			
DISCCART	405987.496503612	3759187.49825802	377.30	1.50
** receptor	=B2666+1 (sensitive receptor: C2625)			
DISCCART	405987.496503612	3759137.49843534	376.40	1.50
** receptor	=B2667+1 (sensitive receptor: C2626)			
DISCCART	405987.496503612	3759087.49861266	367.30	1.50
** receptor	=B2668+1 (sensitive receptor: C2627)			
DISCCART	405987.496503612	3759037.49878997	357.50	1.50
** receptor	=B2669+1 (sensitive receptor: C2628)			
DISCCART	405987.496503612	3758987.49896729	357.50	1.50
** receptor	=B2670+1 (sensitive receptor: C2629)			
DISCCART	405987.496503612	3758937.49914461	353.50	1.50
** receptor	=B2671+1 (sensitive receptor: C2630)			
DISCCART	405987.496503612	3758887.49932193	344.40	1.50
** receptor	=B2672+1 (sensitive receptor: C2631)			
DISCCART	405987.496503612	3758837.49949925	337.80	1.50
** receptor	=B2673+1 (sensitive receptor: C2632)			
DISCCART	405987.496503612	3758787.49967657	331.30	1.50
** receptor	=B2674+1 (sensitive receptor: C2633)			
DISCCART	405987.496503612	3758737.49985389	324.70	1.50
** receptor	=B2675+1 (sensitive receptor: C2634)			
DISCCART	405987.496503612	3758687.50003121	320.70	1.50
** receptor	=B2676+1 (sensitive receptor: C2635)			
DISCCART	406037.499303424	3759987.50541887	707.80	1.50
** receptor	=B2677+1 (sensitive receptor: C2636)			
DISCCART	406037.499303424	3759837.50595083	631.60	1.50
** receptor	=B2678+1 (sensitive receptor: C2637)			
DISCCART	406037.499303424	3759787.50612815	603.60	1.50
** receptor	=B2679+1 (sensitive receptor: C2638)			
DISCCART	406037.499303424	3759737.50630547	590.00	1.50
** receptor	=B2680+1 (sensitive receptor: C2639)			
DISCCART	406037.499303424	3759687.50648279	560.00	1.50
** receptor	=B2681+1 (sensitive receptor: C2640)			
DISCCART	406037.499303424	3759637.50666011	538.60	1.50
** receptor	=B2682+1 (sensitive receptor: C2641)			
DISCCART	406037.499303424	3759587.50683743	525.50	1.50
** receptor	=B2683+1 (sensitive receptor: C2642)			

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** receptor	DISCCART	406037.499303424	3759537.50701475	517.00	1.50
** receptor	=B2684+1 (sensitive receptor: C2643)				
** receptor	DISCCART	406037.499303424	3759487.50719207	480.40	1.50
** receptor	=B2685+1 (sensitive receptor: C2644)				
** receptor	DISCCART	406037.499303424	3759437.50736939	463.20	1.50
** receptor	=B2686+1 (sensitive receptor: C2645)				
** receptor	DISCCART	406037.499303424	3759387.49754874	457.20	1.50
** receptor	=B2687+1 (sensitive receptor: C2646)				
** receptor	DISCCART	406037.499303424	3759337.49772606	437.00	1.50
** receptor	=B2688+1 (sensitive receptor: C2647)				
** receptor	DISCCART	406037.499303424	3759287.49790338	417.80	1.50
** receptor	=B2689+1 (sensitive receptor: C2648)				
** receptor	DISCCART	406037.499303424	3759237.4980807	396.80	1.50
** receptor	=B2690+1 (sensitive receptor: C2649)				
** receptor	DISCCART	406037.499303424	3759187.49825802	387.00	1.50
** receptor	=B2691+1 (sensitive receptor: C2650)				
** receptor	DISCCART	406037.499303424	3759137.49843534	380.50	1.50
** receptor	=B2692+1 (sensitive receptor: C2651)				
** receptor	DISCCART	406037.499303424	3759087.49861266	373.90	1.50
** receptor	=B2693+1 (sensitive receptor: C2652)				
** receptor	DISCCART	406037.499303424	3759037.49878997	366.60	1.50
** receptor	=B2694+1 (sensitive receptor: C2653)				
** receptor	DISCCART	406037.499303424	3758987.49896729	364.10	1.50
** receptor	=B2695+1 (sensitive receptor: C2654)				
** receptor	DISCCART	406037.499303424	3758937.49914461	357.50	1.50
** receptor	=B2696+1 (sensitive receptor: C2655)				
** receptor	DISCCART	406037.499303424	3758887.49932193	350.20	1.50
** receptor	=B2697+1 (sensitive receptor: C2656)				
** receptor	DISCCART	406037.499303424	3758837.49949925	341.10	1.50
** receptor	=B2698+1 (sensitive receptor: C2657)				
** receptor	DISCCART	406037.499303424	3758787.49967657	337.10	1.50
** receptor	=B2699+1 (sensitive receptor: C2658)				
** receptor	DISCCART	406037.499303424	3758737.49985389	330.50	1.50
** receptor	=B2700+1 (sensitive receptor: C2659)				
** receptor	DISCCART	406037.499303424	3758687.50003121	321.40	1.50
** receptor	=B2701+1 (sensitive receptor: C2660)				
** receptor	DISCCART	406087.502103235	3759987.50541887	645.50	1.50
** receptor	=B2702+1 (sensitive receptor: C2661)				
** receptor	DISCCART	406087.502103235	3759837.50595083	514.80	1.50
** receptor	=B2703+1 (sensitive receptor: C2662)				
** receptor	DISCCART	406087.502103235	3759787.50612815	500.20	1.50
** receptor	=B2704+1 (sensitive receptor: C2663)				
** receptor	DISCCART	406087.502103235	3759737.50630547	496.30	1.50
** receptor	=B2705+1 (sensitive receptor: C2664)				
** receptor	DISCCART	406087.502103235	3759687.50648279	490.40	1.50
** receptor	=B2706+1 (sensitive receptor: C2665)				
** receptor	DISCCART	406087.502103235	3759637.50666011	490.40	1.50
** receptor	=B2707+1 (sensitive receptor: C2666)				
** receptor	DISCCART	406087.502103235	3759587.50683743	480.90	1.50
** receptor	=B2708+1 (sensitive receptor: C2667)				
** receptor	DISCCART	406087.502103235	3759537.50701475	465.80	1.50
** receptor	=B2709+1 (sensitive receptor: C2668)				
** receptor	DISCCART	406087.502103235	3759487.50719207	463.20	1.50
** receptor	=B2710+1 (sensitive receptor: C2669)				
** receptor	DISCCART	406087.502103235	3759437.50736939	435.10	1.50
** receptor	=B2711+1 (sensitive receptor: C2670)				
** receptor	DISCCART	406087.502103235	3759387.49754874	421.30	1.50
** receptor	=B2712+1 (sensitive receptor: C2671)				
** receptor	DISCCART	406087.502103235	3759337.49772606	416.60	1.50
** receptor	=B2713+1 (sensitive receptor: C2672)				
** receptor	DISCCART	406087.502103235	3759287.49790338	420.50	1.50
** receptor	=B2714+1 (sensitive receptor: C2673)				
** receptor	DISCCART	406087.502103235	3759237.4980807	396.90	1.50
** receptor	=B2715+1 (sensitive receptor: C2674)				
** receptor	DISCCART	406087.502103235	3759187.49825802	393.60	1.50
** receptor	=B2716+1 (sensitive receptor: C2675)				
** receptor	DISCCART	406087.502103235	3759137.49843534	387.00	1.50
** receptor	=B2717+1 (sensitive receptor: C2676)				
** receptor	DISCCART	406087.502103235	3759087.49861266	380.50	1.50
** receptor	=B2718+1 (sensitive receptor: C2677)				
** receptor	DISCCART	406087.502103235	3759037.49878997	373.90	1.50
** receptor	=B2719+1 (sensitive receptor: C2678)				
** receptor	DISCCART	406087.502103235	3758987.49896729	369.90	1.50
** receptor	=B2720+1 (sensitive receptor: C2679)				
** receptor	DISCCART	406087.502103235	3758937.49914461	360.80	1.50
** receptor	=B2721+1 (sensitive receptor: C2680)				

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** DISCCART	406087.502103235	3758887.49932193	356.70	1.50
** receptor	=B2722+1 (sensitive receptor: C2681)			
** DISCCART	406087.502103235	3758837.49949925	347.70	1.50
** receptor	=B2723+1 (sensitive receptor: C2682)			
** DISCCART	406087.502103235	3758787.49967657	341.10	1.50
** receptor	=B2724+1 (sensitive receptor: C2683)			
** DISCCART	406087.502103235	3758737.49985389	334.60	1.50
** receptor	=B2725+1 (sensitive receptor: C2684)			
** DISCCART	406087.502103235	3758687.50003121	328.00	1.50
** receptor	=B2726+1 (sensitive receptor: C2685)			
** DISCCART	406137.496657202	3759987.50541887	550.90	1.50
** receptor	=B2727+1 (sensitive receptor: C2686)			
** DISCCART	406137.496657202	3759837.50595083	488.60	1.50
** receptor	=B2728+1 (sensitive receptor: C2687)			
** DISCCART	406137.496657202	3759787.50612815	485.40	1.50
** receptor	=B2729+1 (sensitive receptor: C2688)			
** DISCCART	406137.496657202	3759737.50630547	484.00	1.50
** receptor	=B2730+1 (sensitive receptor: C2689)			
** DISCCART	406137.496657202	3759687.50648279	484.00	1.50
** receptor	=B2731+1 (sensitive receptor: C2690)			
** DISCCART	406137.496657202	3759637.50666011	471.50	1.50
** receptor	=B2732+1 (sensitive receptor: C2691)			
** DISCCART	406137.496657202	3759587.50683743	465.70	1.50
** receptor	=B2733+1 (sensitive receptor: C2692)			
** DISCCART	406137.496657202	3759537.50701475	457.10	1.50
** receptor	=B2734+1 (sensitive receptor: C2693)			
** DISCCART	406137.496657202	3759487.50719207	427.80	1.50
** receptor	=B2735+1 (sensitive receptor: C2694)			
** DISCCART	406137.496657202	3759437.50736939	429.00	1.50
** receptor	=B2736+1 (sensitive receptor: C2695)			
** DISCCART	406137.496657202	3759387.49754874	438.10	1.50
** receptor	=B2737+1 (sensitive receptor: C2696)			
** DISCCART	406137.496657202	3759337.49772606	434.90	1.50
** receptor	=B2738+1 (sensitive receptor: C2697)			
** DISCCART	406137.496657202	3759287.49790338	428.80	1.50
** receptor	=B2739+1 (sensitive receptor: C2698)			
** DISCCART	406137.496657202	3759237.4980807	409.90	1.50
** receptor	=B2740+1 (sensitive receptor: C2699)			
** DISCCART	406137.496657202	3759187.49825802	402.70	1.50
** receptor	=B2741+1 (sensitive receptor: C2700)			
** DISCCART	406137.496657202	3759137.49843534	393.60	1.50
** receptor	=B2742+1 (sensitive receptor: C2701)			
** DISCCART	406137.496657202	3759087.49861266	387.00	1.50
** receptor	=B2743+1 (sensitive receptor: C2702)			
** DISCCART	406137.496657202	3759037.49878997	380.50	1.50
** receptor	=B2744+1 (sensitive receptor: C2703)			
** DISCCART	406137.496657202	3758987.49896729	377.20	1.50
** receptor	=B2745+1 (sensitive receptor: C2704)			
** DISCCART	406137.496657202	3758937.49914461	369.90	1.50
** receptor	=B2746+1 (sensitive receptor: C2705)			
** DISCCART	406137.496657202	3758887.49932193	360.80	1.50
** receptor	=B2747+1 (sensitive receptor: C2706)			
** DISCCART	406137.496657202	3758837.49949925	354.20	1.50
** receptor	=B2748+1 (sensitive receptor: C2707)			
** DISCCART	406137.496657202	3758787.49967657	344.40	1.50
** receptor	=B2749+1 (sensitive receptor: C2708)			
** DISCCART	406137.496657202	3758737.49985389	337.80	1.50
** receptor	=B2750+1 (sensitive receptor: C2709)			
** DISCCART	406137.496657202	3758687.50003121	331.30	1.50
** receptor	=B2751+1 (sensitive receptor: C2710)			
** DISCCART	406187.499457013	3759437.50736939	487.20	1.50
** receptor	=B2752+1 (sensitive receptor: C2711)			
** DISCCART	406187.499457013	3759387.49754874	470.10	1.50
** receptor	=B2753+1 (sensitive receptor: C2712)			
** DISCCART	406187.499457013	3759337.49772606	462.50	1.50
** receptor	=B2754+1 (sensitive receptor: C2713)			
** DISCCART	406187.499457013	3759287.49790338	439.40	1.50
** receptor	=B2755+1 (sensitive receptor: C2714)			
** DISCCART	406187.499457013	3759237.4980807	416.60	1.50
** receptor	=B2756+1 (sensitive receptor: C2715)			
** DISCCART	406187.499457013	3759187.49825802	406.70	1.50
** receptor	=B2757+1 (sensitive receptor: C2716)			
** DISCCART	406187.499457013	3759137.49843534	400.10	1.50
** receptor	=B2758+1 (sensitive receptor: C2717)			
** DISCCART	406187.499457013	3759087.49861266	393.60	1.50
** receptor	=B2759+1 (sensitive receptor: C2718)			

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** DISCCART	406187.499457013	3759037.49878997	387.00	1.50
** receptor	=B2760+1 (sensitive receptor: C2719)			
** DISCCART	406187.499457013	3758987.49896729	383.00	1.50
** receptor	=B2761+1 (sensitive receptor: C2720)			
** DISCCART	406187.499457013	3758937.49914461	373.90	1.50
** receptor	=B2762+1 (sensitive receptor: C2721)			
** DISCCART	406187.499457013	3758887.49932193	366.60	1.50
** receptor	=B2763+1 (sensitive receptor: C2722)			
** DISCCART	406187.499457013	3758837.49949925	357.50	1.50
** receptor	=B2764+1 (sensitive receptor: C2723)			
** DISCCART	406187.499457013	3758787.49967657	347.70	1.50
** receptor	=B2765+1 (sensitive receptor: C2724)			
** DISCCART	406187.499457013	3758737.49985389	341.00	1.50
** receptor	=B2766+1 (sensitive receptor: C2725)			
** DISCCART	406187.499457013	3758687.50003121	334.60	1.50
** receptor	=B2767+1 (sensitive receptor: C2726)			
** DISCCART	406237.502256824	3759437.50736939	501.80	1.50
** receptor	=B2768+1 (sensitive receptor: C2727)			
** DISCCART	406237.502256824	3759387.49754874	482.80	1.50
** receptor	=B2769+1 (sensitive receptor: C2728)			
** DISCCART	406237.502256824	3759337.49772606	462.30	1.50
** receptor	=B2770+1 (sensitive receptor: C2729)			
** DISCCART	406237.502256824	3759287.49790338	446.00	1.50
** receptor	=B2771+1 (sensitive receptor: C2730)			
** DISCCART	406237.502256824	3759237.4980807	426.30	1.50
** receptor	=B2772+1 (sensitive receptor: C2731)			
** DISCCART	406237.502256824	3759187.49825802	413.30	1.50
** receptor	=B2773+1 (sensitive receptor: C2732)			
** DISCCART	406237.502256824	3759137.49843534	403.40	1.50
** receptor	=B2774+1 (sensitive receptor: C2733)			
** DISCCART	406237.502256824	3759087.49861266	399.40	1.50
** receptor	=B2775+1 (sensitive receptor: C2734)			
** DISCCART	406237.502256824	3759037.49878997	390.30	1.50
** receptor	=B2776+1 (sensitive receptor: C2735)			
** DISCCART	406237.502256824	3758987.49896729	383.80	1.50
** receptor	=B2777+1 (sensitive receptor: C2736)			
** DISCCART	406237.502256824	3758937.49914461	377.10	1.50
** receptor	=B2778+1 (sensitive receptor: C2737)			
** DISCCART	406237.502256824	3758887.49932193	367.40	1.50
** receptor	=B2779+1 (sensitive receptor: C2738)			
** DISCCART	406237.502256824	3758837.49949925	360.70	1.50
** receptor	=B2780+1 (sensitive receptor: C2739)			
** DISCCART	406237.502256824	3758787.49967657	350.90	1.50
** receptor	=B2781+1 (sensitive receptor: C2740)			
** DISCCART	406237.502256824	3758737.49985389	344.30	1.50
** receptor	=B2782+1 (sensitive receptor: C2741)			
** DISCCART	406237.502256824	3758687.50003121	337.80	1.50
** receptor	=B2783+1 (sensitive receptor: C2742)			
** DISCCART	406287.496810791	3759437.50736939	508.40	1.50
** receptor	=B2784+1 (sensitive receptor: C2743)			
** DISCCART	406287.496810791	3759387.49754874	501.00	1.50
** receptor	=B2785+1 (sensitive receptor: C2744)			
** DISCCART	406287.496810791	3759337.49772606	465.00	1.50
** receptor	=B2786+1 (sensitive receptor: C2745)			
** DISCCART	406287.496810791	3759287.49790338	449.30	1.50
** receptor	=B2787+1 (sensitive receptor: C2746)			
** DISCCART	406287.496810791	3759237.4980807	432.90	1.50
** receptor	=B2788+1 (sensitive receptor: C2747)			
** DISCCART	406287.496810791	3759187.49825802	416.60	1.50
** receptor	=B2789+1 (sensitive receptor: C2748)			
** DISCCART	406287.496810791	3759137.49843534	409.20	1.50
** receptor	=B2790+1 (sensitive receptor: C2749)			
** DISCCART	406287.496810791	3759087.49861266	400.20	1.50
** receptor	=B2791+1 (sensitive receptor: C2750)			
** DISCCART	406287.496810791	3759037.49878997	393.50	1.50
** receptor	=B2792+1 (sensitive receptor: C2751)			
** DISCCART	406287.496810791	3758987.49896729	383.70	1.50
** receptor	=B2793+1 (sensitive receptor: C2752)			
** DISCCART	406287.496810791	3758937.49914461	377.10	1.50
** receptor	=B2794+1 (sensitive receptor: C2753)			
** DISCCART	406287.496810791	3758887.49932193	367.40	1.50
** receptor	=B2795+1 (sensitive receptor: C2754)			
** DISCCART	406287.496810791	3758837.49949925	357.50	1.50
** receptor	=B2796+1 (sensitive receptor: C2755)			
** DISCCART	406287.496810791	3758787.49967657	354.20	1.50
** receptor	=B2797+1 (sensitive receptor: C2756)			

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** DISCCART	406287.496810791	3758737.49985389	346.90	1.50
** receptor	=B2798+1 (sensitive receptor: C2757)			
** DISCCART	406287.496810791	3758687.50003121	343.60	1.50
** receptor	=B2799+1 (sensitive receptor: C2758)			
** DISCCART	406337.499610602	3759437.50736939	508.30	1.50
** receptor	=B2800+1 (sensitive receptor: C2759)			
** DISCCART	406337.499610602	3759387.49754874	499.30	1.50
** receptor	=B2801+1 (sensitive receptor: C2760)			
** DISCCART	406337.499610602	3759337.49772606	475.40	1.50
** receptor	=B2802+1 (sensitive receptor: C2761)			
** DISCCART	406337.499610602	3759287.49790338	452.60	1.50
** receptor	=B2803+1 (sensitive receptor: C2762)			
** DISCCART	406337.499610602	3759237.4980807	436.20	1.50
** receptor	=B2804+1 (sensitive receptor: C2763)			
** DISCCART	406337.499610602	3759187.49825802	423.00	1.50
** receptor	=B2805+1 (sensitive receptor: C2764)			
** DISCCART	406337.499610602	3759137.49843534	412.50	1.50
** receptor	=B2806+1 (sensitive receptor: C2765)			
** DISCCART	406337.499610602	3759087.49861266	400.20	1.50
** receptor	=B2807+1 (sensitive receptor: C2766)			
** DISCCART	406337.499610602	3759037.49878997	393.60	1.50
** receptor	=B2808+1 (sensitive receptor: C2767)			
** DISCCART	406337.499610602	3758987.49896729	383.70	1.50
** receptor	=B2809+1 (sensitive receptor: C2768)			
** DISCCART	406337.499610602	3758937.49914461	373.90	1.50
** receptor	=B2810+1 (sensitive receptor: C2769)			
** DISCCART	406337.499610602	3758887.49932193	367.30	1.50
** receptor	=B2811+1 (sensitive receptor: C2770)			
** DISCCART	406337.499610602	3758837.49949925	358.20	1.50
** receptor	=B2812+1 (sensitive receptor: C2771)			
** DISCCART	406337.499610602	3758787.49967657	354.20	1.50
** receptor	=B2813+1 (sensitive receptor: C2772)			
** DISCCART	406337.499610602	3758737.49985389	350.20	1.50
** receptor	=B2814+1 (sensitive receptor: C2773)			
** DISCCART	406337.499610602	3758687.50003121	347.00	1.50
** receptor	=B2815+1 (sensitive receptor: C2774)			
** DISCCART	406387.502410414	3759337.49772606	459.10	1.50
** receptor	=B2816+1 (sensitive receptor: C2775)			
** DISCCART	406387.502410414	3759287.49790338	449.20	1.50
** receptor	=B2817+1 (sensitive receptor: C2776)			
** DISCCART	406387.502410414	3759237.4980807	436.20	1.50
** receptor	=B2818+1 (sensitive receptor: C2777)			
** DISCCART	406387.502410414	3759187.49825802	425.60	1.50
** receptor	=B2819+1 (sensitive receptor: C2778)			
** DISCCART	406387.502410414	3759137.49843534	413.20	1.50
** receptor	=B2820+1 (sensitive receptor: C2779)			
** DISCCART	406387.502410414	3759087.49861266	403.40	1.50
** receptor	=B2821+1 (sensitive receptor: C2780)			
** DISCCART	406387.502410414	3759037.49878997	393.60	1.50
** receptor	=B2822+1 (sensitive receptor: C2781)			
** DISCCART	406387.502410414	3758987.49896729	386.30	1.50
** receptor	=B2823+1 (sensitive receptor: C2782)			
** DISCCART	406387.502410414	3758937.49914461	377.10	1.50
** receptor	=B2824+1 (sensitive receptor: C2783)			
** DISCCART	406387.502410414	3758887.49932193	364.00	1.50
** receptor	=B2825+1 (sensitive receptor: C2784)			
** DISCCART	406387.502410414	3758837.49949925	357.50	1.50
** receptor	=B2826+1 (sensitive receptor: C2785)			
** DISCCART	406387.502410414	3758787.49967657	354.20	1.50
** receptor	=B2827+1 (sensitive receptor: C2786)			
** DISCCART	406387.502410414	3758737.49985389	354.20	1.50
** receptor	=B2828+1 (sensitive receptor: C2787)			
** DISCCART	406387.502410414	3758687.50003121	354.20	1.50
** receptor	=B2829+1 (sensitive receptor: C2788)			
** DISCCART	406437.496964381	3759337.49772606	455.80	1.50
** receptor	=B2830+1 (sensitive receptor: C2789)			
** DISCCART	406437.496964381	3759287.49790338	446.10	1.50
** receptor	=B2831+1 (sensitive receptor: C2790)			
** DISCCART	406437.496964381	3759237.4980807	439.50	1.50
** receptor	=B2832+1 (sensitive receptor: C2791)			
** DISCCART	406437.496964381	3759187.49825802	426.30	1.50
** receptor	=B2833+1 (sensitive receptor: C2792)			
** DISCCART	406437.496964381	3759137.49843534	413.20	1.50
** receptor	=B2834+1 (sensitive receptor: C2793)			
** DISCCART	406437.496964381	3759087.49861266	403.40	1.50
** receptor	=B2835+1 (sensitive receptor: C2794)			

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** DISCCART	406437.496964381	3759037.49878997	393.60	1.50
** receptor	=B2836+1 (sensitive receptor: C2795)			
** DISCCART	406437.496964381	3758987.49896729	387.00	1.50
** receptor	=B2837+1 (sensitive receptor: C2796)			
** DISCCART	406437.496964381	3758937.49914461	380.40	1.50
** receptor	=B2838+1 (sensitive receptor: C2797)			
** DISCCART	406437.496964381	3758887.49932193	366.50	1.50
** receptor	=B2839+1 (sensitive receptor: C2798)			
** DISCCART	406437.496964381	3758837.49949925	357.50	1.50
** receptor	=B2840+1 (sensitive receptor: C2799)			
** DISCCART	406437.496964381	3758787.49967657	357.50	1.50
** receptor	=B2841+1 (sensitive receptor: C2800)			
** DISCCART	406437.496964381	3758737.49985389	357.50	1.50
** receptor	=B2842+1 (sensitive receptor: C2801)			
** DISCCART	406437.496964381	3758687.50003121	360.80	1.50
** receptor	=B2843+1 (sensitive receptor: C2802)			
** DISCCART	406487.499764192	3759287.49790338	449.30	1.50
** receptor	=B2844+1 (sensitive receptor: C2803)			
** DISCCART	406487.499764192	3759237.4980807	439.40	1.50
** receptor	=B2845+1 (sensitive receptor: C2804)			
** DISCCART	406487.499764192	3759187.49825802	423.10	1.50
** receptor	=B2846+1 (sensitive receptor: C2805)			
** DISCCART	406487.499764192	3759137.49843534	413.30	1.50
** receptor	=B2847+1 (sensitive receptor: C2806)			
** DISCCART	406487.499764192	3759087.49861266	403.40	1.50
** receptor	=B2848+1 (sensitive receptor: C2807)			
** DISCCART	406487.499764192	3759037.49878997	396.10	1.50
** receptor	=B2849+1 (sensitive receptor: C2808)			
** DISCCART	406487.499764192	3758987.49896729	390.20	1.50
** receptor	=B2850+1 (sensitive receptor: C2809)			
** DISCCART	406487.499764192	3758937.49914461	383.00	1.50
** receptor	=B2851+1 (sensitive receptor: C2810)			
** DISCCART	406487.499764192	3758887.49932193	370.60	1.50
** receptor	=B2852+1 (sensitive receptor: C2811)			
** DISCCART	406487.499764192	3758837.49949925	366.60	1.50
** receptor	=B2853+1 (sensitive receptor: C2812)			
** DISCCART	406487.499764192	3758787.49967657	366.70	1.50
** receptor	=B2854+1 (sensitive receptor: C2813)			
** DISCCART	406487.499764192	3758737.49985389	367.40	1.50
** receptor	=B2855+1 (sensitive receptor: C2814)			
** DISCCART	406487.499764192	3758687.50003121	366.60	1.50
** receptor	=B2856+1 (sensitive receptor: C2815)			
** DISCCART	406537.502564003	3759237.4980807	439.50	1.50
** receptor	=B2857+1 (sensitive receptor: C2816)			
** DISCCART	406537.502564003	3759187.49825802	426.40	1.50
** receptor	=B2858+1 (sensitive receptor: C2817)			
** DISCCART	406537.502564003	3759137.49843534	416.50	1.50
** receptor	=B2859+1 (sensitive receptor: C2818)			
** DISCCART	406537.502564003	3759087.49861266	409.20	1.50
** receptor	=B2860+1 (sensitive receptor: C2819)			
** DISCCART	406537.502564003	3759037.49878997	400.10	1.50
** receptor	=B2861+1 (sensitive receptor: C2820)			
** DISCCART	406537.502564003	3758987.49896729	390.20	1.50
** receptor	=B2862+1 (sensitive receptor: C2821)			
** DISCCART	406537.502564003	3758937.49914461	380.40	1.50
** receptor	=B2863+1 (sensitive receptor: C2822)			
** DISCCART	406537.502564003	3758887.49932193	377.20	1.50
** receptor	=B2864+1 (sensitive receptor: C2823)			
** DISCCART	406537.502564003	3758837.49949925	380.50	1.50
** receptor	=B2865+1 (sensitive receptor: C2824)			
** DISCCART	406537.502564003	3758787.49967657	379.80	1.50
** receptor	=B2866+1 (sensitive receptor: C2825)			
** DISCCART	406537.502564003	3758737.49985389	376.40	1.50
** receptor	=B2867+1 (sensitive receptor: C2826)			
** DISCCART	406537.502564003	3758687.50003121	373.10	1.50
** receptor	=B2868+1 (sensitive receptor: C2827)			
** DISCCART	406587.49711797	3759237.4980807	448.60	1.50
** receptor	=B2869+1 (sensitive receptor: C2828)			
** DISCCART	406587.49711797	3759187.49825802	436.20	1.50
** receptor	=B2870+1 (sensitive receptor: C2829)			
** DISCCART	406587.49711797	3759137.49843534	423.10	1.50
** receptor	=B2871+1 (sensitive receptor: C2830)			
** DISCCART	406587.49711797	3759087.49861266	413.30	1.50
** receptor	=B2872+1 (sensitive receptor: C2831)			
** DISCCART	406587.49711797	3759037.49878997	403.40	1.50
** receptor	=B2873+1 (sensitive receptor: C2832)			

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DISCCART 406587.49711797 3758987.49896729 393.60 1.50
 ** receptor =B2874+1 (sensitive receptor: C2833)
 DISCCART 406587.49711797 3758937.49914461 389.60 1.50
 ** receptor =B2875+1 (sensitive receptor: C2834)
 DISCCART 406587.49711797 3758887.49932193 389.70 1.50
 ** receptor =B2876+1 (sensitive receptor: C2835)
 DISCCART 406587.49711797 3758837.49949925 389.60 1.50
 ** receptor =B2877+1 (sensitive receptor: C2836)
 DISCCART 406587.49711797 3758787.49967657 386.30 1.50
 ** receptor =B2878+1 (sensitive receptor: C2837)
 DISCCART 406587.49711797 3758737.49985389 380.50 1.50
 ** receptor =B2879+1 (sensitive receptor: C2838)
 DISCCART 406587.49711797 3758687.50003121 377.20 1.50
 ** receptor =B2880+1 (sensitive receptor: C2839)
 DISCCART 406587.49711797 3758637.50020853 370.60 1.50
 ** receptor =B2881+1 (sensitive receptor: C2840)
 DISCCART 406637.499917781 3759187.49825802 442.80 1.50
 ** receptor =B2882+1 (sensitive receptor: C2841)
 DISCCART 406637.499917781 3759137.49843534 429.60 1.50
 ** receptor =B2883+1 (sensitive receptor: C2842)
 DISCCART 406637.499917781 3759087.49861266 419.80 1.50
 ** receptor =B2884+1 (sensitive receptor: C2843)
 DISCCART 406637.499917781 3759037.49878997 403.40 1.50
 ** receptor =B2885+1 (sensitive receptor: C2844)
 DISCCART 406637.499917781 3758987.49896729 400.20 1.50
 ** receptor =B2886+1 (sensitive receptor: C2845)
 DISCCART 406637.499917781 3758937.49914461 402.70 1.50
 ** receptor =B2887+1 (sensitive receptor: C2846)
 DISCCART 406637.499917781 3758887.49932193 402.70 1.50
 ** receptor =B2888+1 (sensitive receptor: C2847)
 DISCCART 406637.499917781 3758837.49949925 396.90 1.50
 ** receptor =B2889+1 (sensitive receptor: C2848)
 DISCCART 406637.499917781 3758787.49967657 390.30 1.50
 ** receptor =B2890+1 (sensitive receptor: C2849)
 DISCCART 406637.499917781 3758737.49985389 383.80 1.50
 ** receptor =B2891+1 (sensitive receptor: C2850)
 DISCCART 406637.499917781 3758687.50003121 380.40 1.50
 ** receptor =B2892+1 (sensitive receptor: C2851)
 DISCCART 406687.502717592 3759137.49843534 429.60 1.50
 ** receptor =B2893+1 (sensitive receptor: C2852)
 DISCCART 406687.502717592 3759087.49861266 419.90 1.50
 ** receptor =B2894+1 (sensitive receptor: C2853)
 DISCCART 406687.502717592 3759037.49878997 416.60 1.50
 ** receptor =B2895+1 (sensitive receptor: C2854)
 DISCCART 406687.502717592 3758987.49896729 416.50 1.50
 ** receptor =B2896+1 (sensitive receptor: C2855)
 DISCCART 406687.502717592 3758937.49914461 415.80 1.50
 ** receptor =B2897+1 (sensitive receptor: C2856)
 DISCCART 406687.502717592 3758887.49932193 406.60 1.50
 ** receptor =B2898+1 (sensitive receptor: C2857)
 DISCCART 406687.502717592 3758837.49949925 400.10 1.50
 ** receptor =B2899+1 (sensitive receptor: C2858)
 DISCCART 406687.502717592 3758737.49985389 383.80 1.50
 ** receptor =B2900+1 (sensitive receptor: C2859)
 DISCCART 406737.497271559 3759137.49843534 438.80 1.50
 ** receptor =B2901+1 (sensitive receptor: C2860)
 DISCCART 406737.497271559 3759037.49878997 438.70 1.50
 ** receptor =B2902+1 (sensitive receptor: C2861)
 DISCCART 406737.497271559 3758987.49896729 429.60 1.50
 ** receptor =B2903+1 (sensitive receptor: C2862)
 DISCCART 406737.497271559 3758937.49914461 417.30 1.50
 ** receptor =B2904+1 (sensitive receptor: C2863)
 DISCCART 406737.497271559 3758637.50020853 383.70 1.50
 ** receptor =B2905+1 (sensitive receptor: C2864)
 DISCCART 406787.50007137 3759037.49878997 455.10 1.50
 ** receptor =B2906+1 (sensitive receptor: C2865)
 DISCCART 406787.50007137 3758987.49896729 432.90 1.50
 ** receptor =B2907+1 (sensitive receptor: C2866)
 DISCCART 406787.50007137 3758937.49914461 416.60 1.50
 ** receptor =B2908+1 (sensitive receptor: C2867)
 DISCCART 406787.50007137 3758687.50003121 393.60 1.50
 ** receptor =B2909+1 (sensitive receptor: C2868)
 DISCCART 406787.50007137 3758637.50020853 380.50 1.50
 ** receptor =B2910+1 (sensitive receptor: C2869)
 DISCCART 406837.502871182 3758737.49985389 406.60 1.50
 ** receptor =B2911+1 (sensitive receptor: C2870)

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PM Annual Emissions Mitigated

** DISCCART	406837.502871182	3758687.50003121	400.10	1.50
** receptor	=B2912+1 (sensitive receptor: C2871)			
** DISCCART	406837.502871182	3758637.50020853	387.00	1.50
** receptor	=B2913+1 (sensitive receptor: C2872)			
** DISCCART	406887.497425149	3758787.49967657	415.80	1.50
** receptor	=B2914+1 (sensitive receptor: C2873)			
** DISCCART	406887.497425149	3758737.49985389	406.60	1.50
** receptor	=B2915+1 (sensitive receptor: C2874)			
** DISCCART	406887.497425149	3758687.50003121	396.80	1.50
** receptor	=B2916+1 (sensitive receptor: C2875)			
** DISCCART	406887.497425149	3758637.50020853	383.70	1.50
** receptor	=B2917+1 (sensitive receptor: C2876)			
** DISCCART	406937.50022496	3758737.49985389	403.40	1.50
** receptor	=B2918+1 (sensitive receptor: C2877)			
** DISCCART	406937.50022496	3758687.50003121	393.50	1.50
** receptor	=B2919+1 (sensitive receptor: C2878)			
** DISCCART	406937.50022496	3758637.50020853	380.40	1.50
** receptor	=B2920+1 (sensitive receptor: C2879)			
** DISCCART	406987.503024771	3758737.49985389	403.40	1.50
** receptor	=B2921+1 (sensitive receptor: C2880)			
** DISCCART	406987.503024771	3758687.50003121	393.40	1.50
** receptor	=B2922+1 (sensitive receptor: C2881)			
** DISCCART	406987.503024771	3758637.50020853	377.30	1.50
** receptor	=B2923+1 (sensitive receptor: C2882)			
** DISCCART	407037.497578738	3758687.50003121	387.60	1.50
** receptor	=B2924+1 (sensitive receptor: C2883)			
** DISCCART	407037.497578738	3758637.50020853	380.60	1.50
** receptor	=B2925+1 (sensitive receptor: C2884)			
** DISCCART	407087.500378549	3758637.50020853	400.20	1.50
** receptor	=B2926+1 (sensitive receptor: C2885)			
** DISCCART	407137.50317836	3758637.50020853	409.40	1.50
** receptor	=B2927+1 (sensitive receptor: C2886)			
** DISCCART	407187.497732327	3758637.50020853	422.40	1.50
** receptor	=B2928+1 (sensitive receptor: C2887)			
** DISCCART	407237.500532139	3758637.50020853	438.80	1.50
** receptor	=B2929+1 (sensitive receptor: C2888)			
** DISCCART	407287.50333195	3758637.50020853	458.50	1.50
** receptor	=B2930+1 (sensitive receptor: C2889)			
** DISCCART	407337.497885917	3758637.50020853	474.90	1.50
** receptor	=B2931+1 (sensitive receptor: C2890)			
** DISCCART	407387.500685728	3758637.50020853	490.60	1.50
** receptor	=B2932+1 (sensitive receptor: C2891)			
** DISCCART	407437.495239695	3758637.50020853	505.10	1.50
** receptor	=B2933+1 (sensitive receptor: C2892)			
** DISCCART	407487.498039506	3758637.50020853	490.20	1.50
** receptor	=B2934+1 (sensitive receptor: C2893)			
** DISCCART	407537.500839317	3758637.50020853	0.00	1.50
** receptor	=B2935+1 (sensitive receptor: C2894)			
** DISCCART	407587.495393284	3758637.50020853	0.00	1.50
** receptor	=B2936+1 (sensitive receptor: C2895)			
** DISCCART	407637.498193095	3758637.50020853	0.00	1.50
** receptor	=B2937+1 (sensitive receptor: C2896)			
** DISCCART	407687.500992907	3758637.50020853	0.00	1.50
** receptor	=B2938+1 (sensitive receptor: C2897)			
** DISCCART	407737.495546874	3758637.50020853	0.00	1.50
** receptor	=B2939+1 (sensitive receptor: C2898)			
** DISCCART	407787.498346685	3758637.50020853	0.00	1.50
** receptor	=B2940+1 (sensitive receptor: C2899)			
** DISCCART	407837.501146496	3758637.50020853	0.00	1.50
** receptor	=B2941+1 (sensitive receptor: C2900)			
** DISCCART	407887.503946307	3758637.50020853	0.00	1.50
** receptor	=B2942+1 (sensitive receptor: C2901)			
** DISCCART	407937.498500274	3758637.50020853	0.00	1.50
** receptor	=B2943+1 (sensitive receptor: C2902)			
** DISCCART	407987.501300085	3758637.50020853	0.00	1.50
** receptor	=B2944+1 (sensitive receptor: C2903)			
** DISCCART	408037.495854052	3758637.50020853	0.00	1.50
** receptor	=B2945+1 (sensitive receptor: C2904)			
** DISCCART	408087.498653864	3758637.50020853	0.00	1.50
** receptor	=B2946+1 (sensitive receptor: C2905)			
** DISCCART	405987.496503612	3758637.50020853	314.90	1.50
** receptor	=B2947+1 (sensitive receptor: C2906)			
** DISCCART	405987.496503612	3758587.50038585	310.80	1.50
** receptor	=B2948+1 (sensitive receptor: C2907)			
** DISCCART	406037.499303424	3758637.50020853	318.20	1.50
** receptor	=B2949+1 (sensitive receptor: C2908)			

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** DISCCART	406037.499303424	3758587.50038585	314.10	1.50
** receptor	=B2950+1 (sensitive receptor: C2909)			
** DISCCART	406087.502103235	3758637.50020853	321.40	1.50
** receptor	=B2951+1 (sensitive receptor: C2910)			
** DISCCART	406087.502103235	3758587.50038585	318.10	1.50
** receptor	=B2952+1 (sensitive receptor: C2911)			
** DISCCART	406137.496657202	3758637.50020853	324.70	1.50
** receptor	=B2953+1 (sensitive receptor: C2912)			
** DISCCART	406137.496657202	3758587.50038585	321.40	1.50
** receptor	=B2954+1 (sensitive receptor: C2913)			
** DISCCART	406187.499457013	3758637.50020853	331.30	1.50
** receptor	=B2955+1 (sensitive receptor: C2914)			
** DISCCART	406187.499457013	3758587.50038585	327.30	1.50
** receptor	=B2956+1 (sensitive receptor: C2915)			
** DISCCART	406237.502256824	3758637.50020853	334.60	1.50
** receptor	=B2957+1 (sensitive receptor: C2916)			
** DISCCART	406237.502256824	3758587.50038585	333.80	1.50
** receptor	=B2958+1 (sensitive receptor: C2917)			
** DISCCART	406287.496810791	3758637.50020853	340.40	1.50
** receptor	=B2959+1 (sensitive receptor: C2918)			
** DISCCART	406287.496810791	3758587.50038585	340.40	1.50
** receptor	=B2960+1 (sensitive receptor: C2919)			
** DISCCART	406337.499610602	3758637.50020853	344.40	1.50
** receptor	=B2961+1 (sensitive receptor: C2920)			
** DISCCART	406337.499610602	3758587.50038585	344.40	1.50
** receptor	=B2962+1 (sensitive receptor: C2921)			
** DISCCART	406387.502410414	3758637.50020853	351.00	1.50
** receptor	=B2963+1 (sensitive receptor: C2922)			
** DISCCART	406387.502410414	3758587.50038585	347.70	1.50
** receptor	=B2964+1 (sensitive receptor: C2923)			
** DISCCART	406437.496964381	3758637.50020853	357.50	1.50
** receptor	=B2965+1 (sensitive receptor: C2924)			
** DISCCART	406437.496964381	3758587.50038585	354.20	1.50
** receptor	=B2966+1 (sensitive receptor: C2925)			
** DISCCART	406487.499764192	3758637.50020853	363.30	1.50
** receptor	=B2967+1 (sensitive receptor: C2926)			
** DISCCART	406487.499764192	3758587.50038585	357.50	1.50
** receptor	=B2968+1 (sensitive receptor: C2927)			
** DISCCART	406537.502564003	3758637.50020853	367.40	1.50
** receptor	=B2969+1 (sensitive receptor: C2928)			
** DISCCART	406537.502564003	3758587.50038585	363.30	1.50
** receptor	=B2970+1 (sensitive receptor: C2929)			
** DISCCART	406587.49711797	3758587.50038585	364.10	1.50
** receptor	=B2971+1 (sensitive receptor: C2930)			
** DISCCART	406737.497271559	3758587.50038585	373.80	1.50
** receptor	=B2972+1 (sensitive receptor: C2931)			
** DISCCART	406787.50007137	3758587.50038585	379.70	1.50
** receptor	=B2973+1 (sensitive receptor: C2932)			
** DISCCART	406837.502871182	3758587.50038585	371.10	1.50
** receptor	=B2974+1 (sensitive receptor: C2933)			
** DISCCART	406887.497425149	3758587.50038585	354.40	1.50
** receptor	=B2975+1 (sensitive receptor: C2934)			
** DISCCART	406937.50022496	3758587.50038585	380.60	1.50
** receptor	=B2976+1 (sensitive receptor: C2935)			
** DISCCART	406987.503024771	3758587.50038585	387.10	1.50
** receptor	=B2977+1 (sensitive receptor: C2936)			
** DISCCART	407037.497578738	3758587.50038585	399.50	1.50
** receptor	=B2978+1 (sensitive receptor: C2937)			
** DISCCART	407087.500378549	3758587.50038585	403.50	1.50
** receptor	=B2979+1 (sensitive receptor: C2938)			
** DISCCART	407137.50317836	3758587.50038585	413.30	1.50
** receptor	=B2980+1 (sensitive receptor: C2939)			
** DISCCART	407187.497732327	3758587.50038585	435.20	1.50
** receptor	=B2981+1 (sensitive receptor: C2940)			
** DISCCART	407237.500532139	3758587.50038585	451.90	1.50
** receptor	=B2982+1 (sensitive receptor: C2941)			
** DISCCART	407287.50333195	3758587.50038585	456.00	1.50
** receptor	=B2983+1 (sensitive receptor: C2942)			
** DISCCART	407337.497885917	3758587.50038585	471.70	1.50
** receptor	=B2984+1 (sensitive receptor: C2943)			
** DISCCART	407387.500685728	3758587.50038585	493.10	1.50
** receptor	=B2985+1 (sensitive receptor: C2944)			
** DISCCART	407437.495239695	3758587.50038585	507.70	1.50
** receptor	=B2986+1 (sensitive receptor: C2945)			
** DISCCART	407487.498039506	3758587.50038585	496.70	1.50
** receptor	=B2987+1 (sensitive receptor: C2946)			

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** DISCCART	407537.500839317	3758587.50038585	0.00	1.50
** receptor	=B2988+1 (sensitive receptor: C2947)			
** DISCCART	407587.495393284	3758587.50038585	0.00	1.50
** receptor	=B2989+1 (sensitive receptor: C2948)			
** DISCCART	407637.498193095	3758587.50038585	0.00	1.50
** receptor	=B2990+1 (sensitive receptor: C2949)			
** DISCCART	407687.500992907	3758587.50038585	0.00	1.50
** receptor	=B2991+1 (sensitive receptor: C2950)			
** DISCCART	407737.495546874	3758587.50038585	0.00	1.50
** receptor	=B2992+1 (sensitive receptor: C2951)			
** DISCCART	407787.498346685	3758587.50038585	0.00	1.50
** receptor	=B2993+1 (sensitive receptor: C2952)			
** DISCCART	407837.501146496	3758587.50038585	0.00	1.50
** receptor	=B2994+1 (sensitive receptor: C2953)			
** DISCCART	407887.503946307	3758587.50038585	0.00	1.50
** receptor	=B2995+1 (sensitive receptor: C2954)			
** DISCCART	407937.498500274	3758587.50038585	0.00	1.50
** receptor	=B2996+1 (sensitive receptor: C2955)			
** DISCCART	407987.501300085	3758587.50038585	0.00	1.50
** receptor	=B2997+1 (sensitive receptor: C2956)			
** DISCCART	408037.495854052	3758587.50038585	0.00	1.50
** receptor	=B2998+1 (sensitive receptor: C2957)			
** DISCCART	408087.498653864	3758587.50038585	0.00	1.50
** CENSUS BLOCK RECEPTORS				
** receptor	CE001 (census block: BLK408506021)			
** DISCCART	408749.806007506	3760427.54857406	0.00	0.00
** receptor	CE002 (census block: BLK408506022)			
** DISCCART	408576.447507959	3760430.48997928	0.00	0.00
** receptor	CE003 (census block: BLK408506023)			
** DISCCART	408341.802356354	3760655.27152249	0.00	0.00
** receptor	CE004 (census block: BLK408506024)			
** DISCCART	408422.133849846	3760726.40898221	0.00	0.00
** receptor	CE005 (census block: BLK408506025)			
** DISCCART	408512.511209633	3760597.35762377	0.00	0.00
** receptor	CE006 (census block: BLK408506026)			
** DISCCART	408737.147770783	3760284.26416171	0.00	0.00
** receptor	CE007 (census block: BLK500204000)			
** DISCCART	407589.230892095	3757492.83437839	0.00	0.00
** receptor	CE008 (census block: BLK500205000)			
** DISCCART	406297.845135922	3757662.03464915	285.40	0.00
** receptor	CE009 (census block: BLK500205002)			
** DISCCART	406584.226588385	3757389.73804016	259.10	0.00
** receptor	CE010 (census block: BLK500206000)			
** DISCCART	407118.838102641	3757983.49210563	374.60	0.00
** receptor	CE011 (census block: BLK500206001)			
** DISCCART	406874.273114441	3758349.69729429	380.50	0.00
** receptor	CE012 (census block: BLK500206002)			
** DISCCART	406620.194570995	3758320.89375412	351.20	0.00
** receptor	CE013 (census block: BLK500206003)			
** DISCCART	406622.538542243	3757771.77868935	308.70	0.00
** receptor	CE014 (census block: BLK500206004)			
** DISCCART	406913.04327271	3757488.0297645	284.30	0.00
** receptor	CE015 (census block: BLK500206005)			
** DISCCART	406700.61374404	3757538.34383004	285.70	0.00
** receptor	CE016 (census block: BLK500206006)			
** DISCCART	407066.218777817	3757290.66451125	282.70	0.00
** receptor	CE017 (census block: BLK500206007)			
** DISCCART	407127.283156841	3757406.39871061	301.70	0.00
** receptor	CE018 (census block: BLK500211003)			
** DISCCART	408971.490403303	3759219.36440925	0.00	0.00
** receptor	CE019 (census block: BLK500211005)			
** DISCCART	408922.461109132	3758958.82823152	0.00	0.00
** receptor	CE020 (census block: BLK500211006)			
** DISCCART	408826.497851097	3758875.99205586	0.00	0.00
** receptor	CE021 (census block: BLK500211007)			
** DISCCART	409072.446211828	3758868.12882921	0.00	0.00
** receptor	CE022 (census block: BLK500211009)			
** DISCCART	408994.970734935	3758728.42800494	0.00	0.00
** receptor	CE023 (census block: BLK500211010)			
** DISCCART	408227.331322753	3758224.39308564	0.00	0.00
** receptor	CE024 (census block: BLK500211011)			
** DISCCART	408139.692864938	3758492.59557442	0.00	0.00
** receptor	CE025 (census block: BLK500211012)			
** DISCCART	408581.968092922	3758154.12672608	0.00	0.00

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** receptor	CE026 (census block: BLK500211014)			
DISCCART	408461.584808023	3758025.84274235	0.00	0.00
** receptor	CE027 (census block: BLK500211016)			
DISCCART	407729.400128099	3758130.66335171	0.00	0.00
** receptor	CE028 (census block: BLK500211017)			
DISCCART	407645.410164862	3757976.23037572	0.00	0.00
** receptor	CE029 (census block: BLK500211018)			
DISCCART	407482.906231318	3757723.57574838	429.40	0.00
** receptor	CE030 (census block: BLK501602000)			
DISCCART	405320.372409447	3759819.90359013	397.10	0.00
** receptor	CE031 (census block: BLK501603000)			
DISCCART	405904.105071521	3759261.60693193	408.60	0.00
** receptor	CE032 (census block: BLK501603001)			
DISCCART	405691.519376126	3759433.35673872	446.10	0.00
** receptor	CE033 (census block: BLK501603002)			
DISCCART	405617.361162259	3759631.22815867	541.60	0.00
** receptor	CE034 (census block: BLK501603003)			
DISCCART	405524.653957262	3759523.85635574	432.00	0.00
** receptor	CE035 (census block: BLK501603004)			
DISCCART	405402.384335292	3759491.65726032	423.30	0.00
** receptor	CE036 (census block: BLK501603005)			
DISCCART	405646.010602342	3759322.97573433	394.10	0.00
** receptor	CE037 (census block: BLK501603006)			
DISCCART	405616.324715491	3759173.51836785	344.40	0.00
** receptor	CE038 (census block: BLK501603007)			
DISCCART	405512.622295278	3759095.02231357	321.40	0.00
** receptor	CE039 (census block: BLK501603008)			
DISCCART	405377.460981122	3759043.06949407	311.60	0.00
** receptor	CE040 (census block: BLK501603009)			
DISCCART	405466.316435546	3758975.76639931	308.30	0.00
** receptor	CE041 (census block: BLK501603010)			
DISCCART	405527.847444175	3758925.23486247	308.30	0.00
** receptor	CE042 (census block: BLK501604000)			
DISCCART	406550.621988931	3758915.09035494	380.50	0.00
** receptor	CE043 (census block: BLK501604001)			
DISCCART	406480.474429338	3759093.03218777	403.40	0.00
** receptor	CE044 (census block: BLK501604002)			
DISCCART	406259.70283558	3759222.54652611	424.70	0.00
** receptor	CE045 (census block: BLK501604003)			
DISCCART	406195.819017176	3759106.84555469	396.80	0.00
** receptor	CE046 (census block: BLK501604004)			
DISCCART	406070.236447137	3759025.17598326	370.80	0.00
** receptor	CE047 (census block: BLK501604005)			
DISCCART	405757.637016656	3758922.94604871	332.60	0.00
** receptor	CE048 (census block: BLK501604006)			
DISCCART	405844.377372919	3758855.24464319	330.80	0.00
** receptor	CE049 (census block: BLK501604007)			
DISCCART	406318.111493656	3758856.0474567	363.50	0.00
** receptor	CE050 (census block: BLK501604008)			
DISCCART	406403.525988595	3759010.45523479	390.70	0.00
** receptor	CE051 (census block: BLK501609006)			
DISCCART	406352	3759038.6	393.70	0.00
** receptor	CE052 (census block: BLK501609007)			
DISCCART	406045.007458668	3760461.19387418	629.80	0.00
** receptor	CE053 (census block: BLK501609021)			
DISCCART	407358.288904366	3758534.46922479	485.40	0.00
** receptor	CE054 (census block: BLK501609022)			
DISCCART	407261.672811583	3758458.84625731	476.20	0.00
** receptor	CE055 (census block: BLK501701000)			
DISCCART	406506.829211421	3758549.17860801	357.50	0.00
** receptor	CE056 (census block: BLK501701001)			
DISCCART	406457.905253804	3758377.91144033	344.40	0.00
** receptor	CE057 (census block: BLK501701002)			
DISCCART	406301.702564465	3758551.205023	341.10	0.00
** receptor	CE058 (census block: BLK501701003)			
DISCCART	406205.033192867	3758613.50092079	331.30	0.00
** receptor	CE059 (census block: BLK501701004)			
DISCCART	406115.409823153	3758675.30499346	328.00	0.00
** receptor	CE060 (census block: BLK501701005)			
DISCCART	406028.60716936	3758737.08197694	328.00	0.00
** receptor	CE061 (census block: BLK501701006)			
DISCCART	405938.281214678	3758798.89477874	330.90	0.00
** receptor	CE062 (census block: BLK501701007)			
DISCCART	405736.732356176	3758451.4745756	278.80	0.00
** receptor	CE063 (census block: BLK501701008)			
DISCCART	405814.426647488	3758395.28490412	281.70	0.00

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** receptor CE064 (census block: BLK501702000)
DISCCART 406257.679183628 3758091.80695965 317.50 0.00
** receptor CE065 (census block: BLK501702001)
DISCCART 406166.640545947 3758153.62433368 311.60 0.00
** receptor CE066 (census block: BLK501702002)
DISCCART 405932.301123578 3758196.55870925 288.60 0.00
** receptor CE067 (census block: BLK501702003)
DISCCART 406072.199550461 3758298.81329292 305.00 0.00
** receptor CE068 (census block: BLK501702004)
DISCCART 405823.105818611 3758062.69666328 275.50 0.00
** receptor CE069 (census block: BLK501702005)
DISCCART 405911.268844127 3757995.40511402 282.10 0.00
** receptor CE070 (census block: BLK501702006)
DISCCART 405982.128243211 3757889.36732389 285.40 0.00
** receptor CE071 (census block: BLK501702009)
DISCCART 405799.168562158 3757924.1806304 268.90 0.00
** receptor CE072 (census block: BLK501703000)
DISCCART 405647.799750434 3758653.29948119 291.60 0.00
** receptor CE073 (census block: BLK501703001)
DISCCART 405489.147947858 3758508.51203456 269.00 0.00
** receptor CE074 (census block: BLK501703002)
DISCCART 405436.440211818 3758454.46693022 262.40 0.00
** receptor CE075 (census block: BLK501703003)
DISCCART 405455.721934976 3758337.9409465 257.80 0.00
** receptor CE076 (census block: BLK501703008)
DISCCART 405549.158243318 3758092.92026298 252.60 0.00
** receptor CE077 (census block: BLK501703009)
DISCCART 405661.882628257 3758014.3827463 259.10 0.00
** receptor CE078 (census block: BLK501704000)
DISCCART 405479.717684811 3758764.54001026 290.90 0.00
** receptor CE079 (census block: BLK501704001)
DISCCART 405359.158071486 3758904.49796325 297.30 0.00
** receptor CE080 (census block: BLK501704002)
DISCCART 405170.69339449 3759021.02430729 308.30 0.00
** receptor CE081 (census block: BLK501704003)
DISCCART 405201.970281093 3758906.06962733 295.20 0.00
** receptor CE082 (census block: BLK501704004)
DISCCART 405349.866985966 3758821.25356942 288.60 0.00
** receptor CE083 (census block: BLK501704005)
DISCCART 405215.443840128 3758773.10283891 282.10 0.00
** receptor CE084 (census block: BLK501704008)
DISCCART 405359.746481381 3758681.13144629 275.50 0.00
** receptor CE085 (census block: BLK501704009)
DISCCART 405435.368442973 3758629.6125628 275.50 0.00
** receptor CE086 (census block: BLK501804000)
DISCCART 405236.452045736 3759463.70375868 368.70 0.00
** receptor CE087 (census block: BLK501804001)
DISCCART 405212.37968725 3759382.72247012 352.60 0.00
** receptor CE088 (census block: BLK501804009)
DISCCART 405186.175462272 3759300.07045068 343.50 0.00
** receptor CE089 (census block: BLK501804011)
DISCCART 405257.372829785 3759088.68814387 314.90 0.00
** receptor CE090 (census block: BLK501609001)
DISCCART 408456.668426364 3760361.84764575 0.00 0.00
** receptor CE091 (census block: BLK501609002)
DISCCART 408269.975683699 3760516.36774435 0.00 0.00
** receptor CE092 (census block: BLK501609003)
DISCCART 407367.835528453 3760879.65008316 1026.70 0.00
** receptor CE093 (census block: BLK501609004)
DISCCART 408322.620179824 3760275.57773676 0.00 0.00
** receptor CE094 (census block: BLK501609005)
DISCCART 408794.360235931 3759930.90793989 0.00 0.00
** receptor CE095 (census block: BLK501609008)
DISCCART 406130.797262568 3760014.46792851 584.40 0.00

```

RE FINISHED

ME STARTING

```

INPUTFIL c:\ISC\whittier.asc
ANEMHGHT 10 METERS
SURFDATA 53114 81 LosAngeles
UAIRDATA 91919 81 LosAngeles
STARTEND 81 1 1 81 12 31

```

Appendix B

ME FINISHED

OU STARTING

** PLOTFILE annual 1 c:\ISC\WHI_PMAm.PLT

OU FINISHED

*** Message Summary For ISC3 Model Setup ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 0 Informational Message(s)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
ME W360 7444 SET_WI:2-Digit Year Specified: Valid for Range 1950-2049 SURFDATA
RE W282 7437 CHK_EL:RecElev < SrcBase; See non-DEFAULT HE>ZI option in MCB#9

*** SETUP Finishes Successfully ***

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS ANNUAL PM emissions mitigated *** 12:01:02
**MODELOPTs: PAGE 1
CONC URBAN ELEV FLGPOL NOCALM

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**NO GAS DRY DEPOSITION Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses User-Specified Options:
1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Not Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.

**Model Accepts Receptors on ELEV Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

**This Run Includes: 4 Source(s); 1 Source Group(s); and 3690 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor

Appendix B

PM Annual Emissions Mitigated
 **Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.4 MB of RAM.

**Input Runstream File: WHI_PMam.inp
 **Output Print File: WHI_PMam.out
 **Detailed Error/Message File: c:\ISC\zERROR.ERR

• *** ISCSST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions mitigated *** 12:01:02
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**MODELOPTs:
 CONC URBAN ELEV FLGPOL NOCALM

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
1	0	0.20000E-02	407065.0	3759568.0	150.9	12.20	1050.00	3.70	1.80	NO	
2	0	0.80000E-02	407085.0	3759498.0	150.9	6.10	565.00	2.80	0.25	NO	
3	0	0.20000E-02	407085.0	3759498.0	150.9	6.10	565.00	2.80	0.50	NO	
4	0	0.30000E-02	407130.0	3759340.0	147.8	4.00	783.00	3.60	0.20	NO	

• *** ISCSST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions mitigated *** 12:01:02
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**MODELOPTs:
 CONC URBAN ELEV FLGPOL NOCALM

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

1 1 , 2 , 3 , 4 ,
 • *** ISCSST3 - VERSION 02035 *** ** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions mitigated *** 12:01:02
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**MODELOPTs:
 CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS *** (X-COORD, Y-COORD, ZELEV, ZFLAG) (METERS)

(409779.5, 3759787.5, 0.0, 1.5);	(409779.3, 3759762.5, 0.0, 1.5);
(409779.2, 3759737.5, 0.0, 1.5);	(409779.0, 3759712.5, 0.0, 1.5);
(409778.9, 3759687.5, 0.0, 1.5);	(409778.7, 3759662.5, 0.0, 1.5);
(409778.5, 3759637.5, 0.0, 1.5);	(409778.4, 3759612.5, 0.0, 1.5);
(409778.2, 3759587.5, 0.0, 1.5);	(409778.1, 3759562.5, 0.0, 1.5);
(409777.9, 3759537.5, 0.0, 1.5);	(409777.7, 3759512.5, 0.0, 1.5);
(409777.6, 3759487.5, 0.0, 1.5);	(409777.4, 3759462.5, 0.0, 1.5);
(409777.3, 3759437.5, 0.0, 1.5);	(409777.1, 3759412.5, 0.0, 1.5);
(409776.9, 3759387.5, 0.0, 1.5);	(409776.8, 3759362.5, 0.0, 1.5);
(409776.6, 3759337.5, 0.0, 1.5);	(409776.4, 3759312.5, 0.0, 1.5);
(409776.3, 3759287.5, 0.0, 1.5);	(409776.1, 3759262.5, 0.0, 1.5);
(409775.9, 3759237.5, 0.0, 1.5);	(409775.7, 3759212.5, 0.0, 1.5);
(409775.4, 3759187.5, 0.0, 1.5);	(409775.1, 3759162.5, 0.0, 1.5);
(409774.8, 3759137.5, 0.0, 1.5);	(409774.6, 3759112.5, 0.0, 1.5);
(409774.3, 3759087.5, 0.0, 1.5);	(409774.0, 3759062.5, 0.0, 1.5);
(409773.8, 3759037.5, 0.0, 1.5);	(409765.3, 3759020.3, 0.0, 1.5);
(409740.3, 3759020.5, 0.0, 1.5);	(409715.3, 3759021.0, 0.0, 1.5);
(409690.3, 3759021.3, 0.0, 1.5);	(409665.3, 3759021.5, 0.0, 1.5);
(409640.3, 3759021.8, 0.0, 1.5);	(409615.3, 3759022.3, 0.0, 1.5);
(409590.3, 3759022.5, 0.0, 1.5);	(409565.3, 3759022.8, 0.0, 1.5);
(409540.3, 3759023.3, 0.0, 1.5);	(409515.3, 3759024.3, 0.0, 1.5);
(409490.3, 3759025.3, 0.0, 1.5);	(409465.3, 3759026.5, 0.0, 1.5);
(409440.3, 3759027.0, 0.0, 1.5);	(409415.3, 3759027.8, 0.0, 1.5);
(409390.3, 3759027.8, 0.0, 1.5);	(409365.3, 3759028.5, 0.0, 1.5);

Appendix B

PM Annual Emissions Mitigated

(409340.3, 3759029.0, 0.0, 1.5);	(409315.4, 3759029.5, 0.0, 1.5);
(409290.4, 3759030.0, 0.0, 1.5);	(409265.4, 3759030.5, 0.0, 1.5);
(409240.4, 3759031.0, 0.0, 1.5);	(409215.4, 3759031.5, 0.0, 1.5);
(409190.4, 3759032.0, 0.0, 1.5);	(409165.4, 3759032.5, 0.0, 1.5);
(409140.4, 3759033.0, 0.0, 1.5);	(409115.4, 3759033.5, 0.0, 1.5);
(409090.4, 3759034.0, 0.0, 1.5);	(409065.4, 3759034.5, 0.0, 1.5);
(409040.4, 3759035.0, 0.0, 1.5);	(409015.4, 3759035.5, 0.0, 1.5);
(408990.4, 3759036.3, 0.0, 1.5);	(408965.4, 3759036.8, 0.0, 1.5);
(408940.4, 3759037.3, 0.0, 1.5);	(408915.4, 3759037.8, 0.0, 1.5);
(408890.5, 3759038.3, 0.0, 1.5);	(408865.5, 3759038.8, 0.0, 1.5);
(408840.5, 3759039.3, 0.0, 1.5);	(408815.5, 3759039.8, 0.0, 1.5);
(408790.5, 3759040.3, 0.0, 1.5);	(408765.5, 3759040.8, 0.0, 1.5);
(408740.5, 3759041.3, 0.0, 1.5);	(408715.5, 3759041.8, 0.0, 1.5);
(408690.5, 3759042.3, 0.0, 1.5);	(408665.5, 3759042.8, 0.0, 1.5);
(408640.5, 3759043.3, 0.0, 1.5);	(408615.5, 3759044.0, 0.0, 1.5);
(408590.5, 3759044.5, 0.0, 1.5);	(408581.9, 3759028.8, 0.0, 1.5);
(408581.6, 3759004.0, 0.0, 1.5);	(408581.3, 3758979.0, 0.0, 1.5);
(408581.0, 3758954.0, 0.0, 1.5);	(408580.7, 3758929.0, 0.0, 1.5);
(408580.3, 3758904.0, 0.0, 1.5);	(408580.0, 3758879.0, 0.0, 1.5);
(408579.7, 3758854.0, 0.0, 1.5);	(408579.4, 3758829.0, 0.0, 1.5);
(408579.1, 3758804.0, 0.0, 1.5);	(408578.8, 3758779.0, 0.0, 1.5);

*** ICSCT3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

*** ANALYSIS ANNUAL PM emissions mitigated

07/29/11

12:01:02

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**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(408578.4, 3758754.0, 0.0, 1.5);	(408578.1, 3758729.0, 0.0, 1.5);
(408567.8, 3758707.5, 0.0, 1.5);	(408550.7, 3758689.5, 0.0, 1.5);
(408533.6, 3758671.3, 0.0, 1.5);	(408513.8, 3758658.5, 0.0, 1.5);
(408488.8, 3758658.8, 0.0, 1.5);	(408463.8, 3758659.3, 0.0, 1.5);
(408438.8, 3758659.8, 0.0, 1.5);	(408413.8, 3758660.3, 0.0, 1.5);
(408388.8, 3758660.5, 0.0, 1.5);	(408363.8, 3758661.0, 0.0, 1.5);
(408338.8, 3758661.5, 0.0, 1.5);	(408313.8, 3758662.0, 0.0, 1.5);
(408288.8, 3758662.5, 0.0, 1.5);	(408263.8, 3758662.8, 0.0, 1.5);
(408238.8, 3758663.3, 0.0, 1.5);	(408213.8, 3758663.8, 0.0, 1.5);
(408188.8, 3758664.3, 0.0, 1.5);	(408163.8, 3758664.5, 0.0, 1.5);
(408138.8, 3758665.0, 0.0, 1.5);	(408113.8, 3758665.5, 0.0, 1.5);
(408088.8, 3758666.0, 0.0, 1.5);	(408063.8, 3758666.3, 0.0, 1.5);
(408038.8, 3758666.8, 0.0, 1.5);	(408013.8, 3758667.3, 0.0, 1.5);
(407988.8, 3758667.8, 0.0, 1.5);	(407963.8, 3758668.3, 0.0, 1.5);
(407938.8, 3758668.5, 0.0, 1.5);	(407913.9, 3758669.0, 0.0, 1.5);
(407888.9, 3758669.5, 0.0, 1.5);	(407863.9, 3758670.0, 0.0, 1.5);
(407838.9, 3758670.3, 0.0, 1.5);	(407813.9, 3758670.8, 0.0, 1.5);
(407788.9, 3758671.3, 0.0, 1.5);	(407763.9, 3758671.8, 0.0, 1.5);
(407738.9, 3758672.3, 0.0, 1.5);	(407713.9, 3758672.5, 0.0, 1.5);
(407688.9, 3758673.0, 0.0, 1.5);	(407663.9, 3758673.5, 0.0, 1.5);
(407638.9, 3758674.0, 0.0, 1.5);	(407613.9, 3758674.3, 0.0, 1.5);
(407588.9, 3758674.8, 0.0, 1.5);	(407563.9, 3758675.3, 0.0, 1.5);
(407538.9, 3758675.8, 0.0, 1.5);	(407513.9, 3758676.3, 148.4, 1.5);
(407488.9, 3758676.8, 153.9, 1.5);	(407464.0, 3758678.0, 155.0, 1.5);
(407439.0, 3758679.3, 154.8, 1.5);	(407414.0, 3758680.8, 152.1, 1.5);
(407389.1, 3758682.0, 149.9, 1.5);	(407364.1, 3758683.3, 147.4, 1.5);
(407339.1, 3758684.8, 144.2, 1.5);	(407314.2, 3758686.0, 141.5, 1.5);
(407289.2, 3758687.3, 139.9, 1.5);	(407264.2, 3758688.8, 137.3, 1.5);
(407239.3, 3758690.0, 135.7, 1.5);	(407214.3, 3758691.3, 133.9, 1.5);
(407189.3, 3758692.8, 128.4, 1.5);	(407164.4, 3758694.0, 122.0, 1.5);
(407139.4, 3758695.3, 116.4, 1.5);	(407114.4, 3758696.5, 115.0, 1.5);
(407089.5, 3758698.0, 117.0, 1.5);	(407065.7, 3758703.5, 120.1, 1.5);
(407045.1, 3758717.8, 122.0, 1.5);	(407024.6, 3758731.8, 123.0, 1.5);
(407004.0, 3758746.0, 123.8, 1.5);	(406983.5, 3758760.3, 125.2, 1.5);
(406962.9, 3758774.5, 126.6, 1.5);	(406942.4, 3758788.8, 127.1, 1.5);
(406921.8, 3758803.0, 127.6, 1.5);	(406901.3, 3758817.3, 127.1, 1.5);
(406883.9, 3758804.5, 124.4, 1.5);	(406866.5, 3758786.5, 124.2, 1.5);
(406849.1, 3758768.5, 124.7, 1.5);	(406828.8, 3758753.8, 123.2, 1.5);
(406808.6, 3758739.0, 122.3, 1.5);	(406788.4, 3758724.5, 120.0, 1.5);
(406768.1, 3758709.8, 118.3, 1.5);	(406747.9, 3758695.0, 116.8, 1.5);
(406730.0, 3758678.5, 116.0, 1.5);	(406718.0, 3758656.8, 115.8, 1.5);
(406705.9, 3758634.8, 115.0, 1.5);	(406693.9, 3758612.8, 112.8, 1.5);
(406681.8, 3758591.0, 111.2, 1.5);	(406667.5, 3758575.5, 110.0, 1.5);
(406646.6, 3758589.3, 110.0, 1.5);	(406625.6, 3758603.0, 111.0, 1.5);
(406625.5, 3758621.5, 111.4, 1.5);	(406639.1, 3758642.5, 111.5, 1.5);

Appendix B

PM Annual Emissions Mitigated

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions mitigated

*** 07/29/11
 *** 12:01:02
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**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406652.7, 3758663.5, 112.8, 1.5);	(406666.3, 3758684.5, 113.8, 1.5);
(406679.8, 3758705.5, 115.7, 1.5);	(406693.4, 3758726.5, 116.5, 1.5);
(406707.0, 3758747.5, 117.0, 1.5);	(406720.8, 3758768.0, 117.0, 1.5);
(406700.3, 3758782.0, 118.9, 1.5);	(406681.7, 3758797.3, 119.9, 1.5);
(406695.6, 3758818.0, 120.0, 1.5);	(406709.5, 3758839.0, 121.1, 1.5);
(406723.4, 3758859.8, 121.7, 1.5);	(406737.3, 3758880.5, 122.2, 1.5);
(406756.8, 3758895.5, 122.7, 1.5);	(406778.3, 3758908.5, 124.1, 1.5);
(406799.7, 3758921.3, 126.3, 1.5);	(406821.2, 3758934.3, 126.9, 1.5);
(406831.0, 3758956.3, 127.7, 1.5);	(406839.8, 3758979.8, 128.2, 1.5);
(406848.5, 3759003.3, 131.2, 1.5);	(406844.1, 3759021.8, 134.1, 1.5);
(406823.4, 3759035.8, 139.6, 1.5);	(406802.6, 3759049.8, 140.4, 1.5);
(406781.9, 3759063.8, 140.6, 1.5);	(406761.2, 3759077.8, 141.0, 1.5);
(406740.4, 3759091.5, 135.8, 1.5);	(406747.5, 3759112.5, 136.4, 1.5);
(406760.2, 3759134.0, 137.4, 1.5);	(406747.8, 3759150.0, 134.5, 1.5);
(406732.2, 3759166.5, 133.0, 1.5);	(406714.7, 3759177.0, 134.0, 1.5);
(406693.6, 3759190.5, 135.7, 1.5);	(406672.5, 3759204.0, 136.6, 1.5);
(406651.4, 3759217.3, 137.9, 1.5);	(406630.3, 3759230.8, 138.3, 1.5);
(406609.3, 3759244.3, 138.6, 1.5);	(406588.2, 3759257.8, 138.8, 1.5);
(406567.1, 3759271.0, 138.2, 1.5);	(406546.0, 3759284.5, 138.7, 1.5);
(406524.9, 3759298.0, 139.0, 1.5);	(406503.8, 3759311.5, 138.6, 1.5);
(406482.8, 3759324.8, 138.8, 1.5);	(406461.7, 3759338.3, 139.2, 1.5);
(406440.6, 3759351.8, 139.4, 1.5);	(406419.5, 3759365.3, 140.0, 1.5);
(406398.4, 3759378.5, 142.1, 1.5);	(406377.0, 3759392.3, 145.2, 1.5);
(406375.7, 3759417.3, 145.8, 1.5);	(406374.3, 3759442.3, 147.8, 1.5);
(406372.9, 3759467.3, 148.7, 1.5);	(406351.5, 3759469.5, 153.7, 1.5);
(406326.5, 3759468.8, 156.4, 1.5);	(406301.6, 3759468.0, 157.9, 1.5);
(406276.6, 3759467.3, 156.6, 1.5);	(406251.6, 3759466.5, 155.1, 1.5);
(406226.6, 3759465.8, 154.5, 1.5);	(406201.6, 3759465.0, 152.2, 1.5);
(406176.6, 3759464.3, 144.0, 1.5);	(406171.3, 3759484.5, 138.1, 1.5);
(406171.6, 3759509.5, 134.5, 1.5);	(406171.9, 3759534.5, 135.8, 1.5);
(406172.2, 3759559.5, 139.3, 1.5);	(406172.5, 3759584.5, 144.2, 1.5);
(406172.8, 3759609.5, 148.9, 1.5);	(406173.0, 3759634.5, 153.2, 1.5);
(406173.3, 3759659.5, 155.1, 1.5);	(406173.6, 3759684.5, 161.7, 1.5);
(406173.8, 3759709.5, 161.8, 1.5);	(406174.1, 3759734.5, 159.6, 1.5);
(406174.4, 3759759.5, 165.0, 1.5);	(406174.7, 3759784.5, 164.0, 1.5);
(406175.0, 3759809.5, 160.6, 1.5);	(406175.2, 3759834.5, 161.2, 1.5);
(406175.5, 3759859.5, 158.1, 1.5);	(406152.3, 3759859.5, 152.3, 1.5);
(406127.3, 3759859.0, 150.0, 1.5);	(406102.3, 3759858.3, 151.7, 1.5);
(406077.4, 3759857.5, 167.1, 1.5);	(406052.4, 3759856.8, 183.9, 1.5);
(406041.3, 3759871.0, 182.3, 1.5);	(406041.6, 3759896.0, 181.5, 1.5);
(406041.8, 3759921.0, 180.7, 1.5);	(406042.1, 3759946.0, 198.9, 1.5);
(406042.4, 3759971.0, 210.3, 1.5);	(406067.3, 3759972.5, 206.4, 1.5);
(406092.3, 3759973.5, 197.1, 1.5);	(406117.3, 3759974.3, 181.6, 1.5);
(406142.3, 3759975.0, 167.6, 1.5);	(406167.3, 3759975.8, 152.9, 1.5);
(406187.2, 3759980.8, 154.5, 1.5);	(406187.4, 3760005.8, 155.0, 1.5);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions mitigated

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**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406187.7, 3760030.8, 156.3, 1.5);	(406188.0, 3760055.8, 159.2, 1.5);
(406188.3, 3760080.8, 168.7, 1.5);	(406188.5, 3760105.8, 184.7, 1.5);
(406188.8, 3760130.8, 184.8, 1.5);	(406189.1, 3760155.8, 177.6, 1.5);
(406189.3, 3760180.8, 189.5, 1.5);	(406189.6, 3760205.8, 203.7, 1.5);
(406189.9, 3760230.8, 214.5, 1.5);	(406190.1, 3760255.5, 217.2, 1.5);
(406198.2, 3760273.8, 216.3, 1.5);	(406223.2, 3760274.5, 222.0, 1.5);
(406248.2, 3760275.3, 221.6, 1.5);	(406270.6, 3760282.0, 219.7, 1.5);
(406289.8, 3760298.3, 219.2, 1.5);	(406308.9, 3760314.3, 229.1, 1.5);
(406328.1, 3760330.3, 234.6, 1.5);	(406347.3, 3760346.3, 239.6, 1.5);
(406366.4, 3760362.3, 239.2, 1.5);	(406385.6, 3760378.5, 231.6, 1.5);
(406404.8, 3760394.5, 232.6, 1.5);	(406423.9, 3760410.5, 231.4, 1.5);

Appendix B

PM Annual Emissions Mitigated

(406438.6, 3760430.5,	241.2,	1.5);	(406453.1, 3760451.0,	251.2,	1.5);
(406464.5, 3760468.5,	257.6,	1.5);	(406439.7, 3760465.8,	258.3,	1.5);
(406414.8, 3760462.8,	259.4,	1.5);	(406390.3, 3760458.3,	259.9,	1.5);
(406366.0, 3760452.8,	258.2,	1.5);	(406354.5, 3760461.8,	257.9,	1.5);
(406362.3, 3760484.3,	243.0,	1.5);	(406383.8, 3760497.0,	241.5,	1.5);
(406405.2, 3760509.8,	241.7,	1.5);	(406422.6, 3760527.5,	238.0,	1.5);
(406440.1, 3760545.5,	239.7,	1.5);	(406459.6, 3760554.3,	253.9,	1.5);
(406482.2, 3760543.5,	262.8,	1.5);	(406504.8, 3760532.8,	271.7,	1.5);
(406527.3, 3760522.0,	276.6,	1.5);	(406549.9, 3760511.3,	280.4,	1.5);
(406572.5, 3760500.5,	285.3,	1.5);	(406596.6, 3760494.8,	289.0,	1.5);
(406621.1, 3760489.8,	289.3,	1.5);	(406645.0, 3760486.8,	298.0,	1.5);
(406667.1, 3760498.5,	299.9,	1.5);	(406684.1, 3760513.0,	295.6,	1.5);
(406685.7, 3760538.0,	290.1,	1.5);	(406687.4, 3760563.0,	286.9,	1.5);
(406689.1, 3760587.8,	282.9,	1.5);	(406690.7, 3760612.8,	276.2,	1.5);
(406692.4, 3760637.8,	274.7,	1.5);	(406694.1, 3760662.8,	278.7,	1.5);
(406695.7, 3760687.8,	282.5,	1.5);	(406694.0, 3760710.8,	283.4,	1.5);
(406675.7, 3760727.8,	282.9,	1.5);	(406657.3, 3760744.8,	283.2,	1.5);
(406638.9, 3760761.8,	279.8,	1.5);	(406620.6, 3760778.8,	277.1,	1.5);
(406600.1, 3760790.5,	277.5,	1.5);	(406575.3, 3760793.8,	278.5,	1.5);
(406550.5, 3760796.8,	277.8,	1.5);	(406525.7, 3760800.0,	277.4,	1.5);
(406500.9, 3760803.3,	276.6,	1.5);	(406478.0, 3760812.0,	274.0,	1.5);
(406457.2, 3760826.0,	272.4,	1.5);	(406436.4, 3760839.8,	271.5,	1.5);
(406415.5, 3760853.5,	268.9,	1.5);	(406392.3, 3760856.3,	265.3,	1.5);
(406367.4, 3760853.8,	265.3,	1.5);	(406342.5, 3760851.3,	264.1,	1.5);
(406317.7, 3760848.8,	263.7,	1.5);	(406292.8, 3760846.0,	263.4,	1.5);
(406267.9, 3760843.5,	265.9,	1.5);	(406244.1, 3760836.5,	269.2,	1.5);
(406220.3, 3760828.8,	269.6,	1.5);	(406196.6, 3760821.0,	268.7,	1.5);
(406172.8, 3760813.3,	265.3,	1.5);	(406149.1, 3760805.3,	264.3,	1.5);
(406125.3, 3760797.5,	263.1,	1.5);	(406105.6, 3760782.5,	263.0,	1.5);
(406085.9, 3760767.3,	256.3,	1.5);	(406083.4, 3760744.0,	256.3,	1.5);
(406083.9, 3760719.0,	255.4,	1.5);	(406084.4, 3760694.0,	251.2,	1.5);
(406073.8, 3760679.5,	248.3,	1.5);	(406048.8, 3760680.3,	246.6,	1.5);
(406023.8, 3760681.0,	232.8,	1.5);	(405998.8, 3760681.8,	214.4,	1.5);
(405973.8, 3760682.5,	199.1,	1.5);	(405948.8, 3760683.3,	197.3,	1.5);

• *** ISCS3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11

MODELOPTs: * ANALYSIS ANNUAL PM emissions mitigated *** 12:01:02

CONC URBAN ELEV FLGPOL NOCALM *** PAGE 8

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(405923.9, 3760684.0,	196.6,	1.5);	(405898.9, 3760684.8,	184.5,	1.5);
(405873.9, 3760685.5,	171.3,	1.5);	(405848.9, 3760686.3,	163.7,	1.5);
(405823.9, 3760687.0,	160.4,	1.5);	(405798.9, 3760687.8,	159.0,	1.5);
(405774.5, 3760683.8,	159.9,	1.5);	(405749.6, 3760682.3,	165.4,	1.5);
(405724.6, 3760682.5,	167.4,	1.5);	(405699.6, 3760682.8,	163.0,	1.5);
(405674.6, 3760683.0,	166.0,	1.5);	(405649.6, 3760683.3,	169.5,	1.5);
(405632.1, 3760691.5,	173.8,	1.5);	(405632.8, 3760716.5,	179.1,	1.5);
(405633.5, 3760741.5,	182.7,	1.5);	(405634.2, 3760766.5,	183.9,	1.5);
(405634.9, 3760791.5,	183.9,	1.5);	(405635.6, 3760816.5,	184.3,	1.5);
(405636.3, 3760841.5,	187.3,	1.5);	(405637.1, 3760866.5,	192.6,	1.5);
(405637.8, 3760891.5,	199.6,	1.5);	(405638.5, 3760916.5,	200.7,	1.5);
(405639.2, 3760941.5,	199.9,	1.5);	(405639.9, 3760966.5,	200.9,	1.5);
(405644.1, 3760990.8,	204.4,	1.5);	(405653.3, 3761014.0,	207.7,	1.5);
(405653.8, 3761039.0,	212.0,	1.5);	(405654.2, 3761064.0,	215.5,	1.5);
(405654.5, 3761089.0,	219.1,	1.5);	(405672.8, 3761096.3,	219.9,	1.5);
(405697.8, 3761095.5,	220.6,	1.5);	(405722.8, 3761095.0,	219.9,	1.5);
(405747.8, 3761094.5,	219.5,	1.5);	(405772.8, 3761093.8,	220.2,	1.5);
(405797.8, 3761093.3,	221.3,	1.5);	(405822.8, 3761092.5,	216.9,	1.5);
(405847.8, 3761092.0,	201.0,	1.5);	(405872.8, 3761091.5,	206.4,	1.5);
(405897.7, 3761090.8,	213.4,	1.5);	(405922.7, 3761090.3,	217.4,	1.5);
(405947.7, 3761089.5,	220.6,	1.5);	(405972.7, 3761089.0,	218.1,	1.5);
(405997.7, 3761088.5,	212.4,	1.5);	(406022.7, 3761087.8,	208.1,	1.5);
(406047.7, 3761087.3,	226.8,	1.5);	(406072.7, 3761086.5,	247.3,	1.5);
(406097.7, 3761086.0,	247.3,	1.5);	(406122.7, 3761085.5,	233.6,	1.5);
(406147.7, 3761084.8,	218.9,	1.5);	(406172.7, 3761084.3,	224.4,	1.5);
(406197.7, 3761083.5,	227.7,	1.5);	(406222.7, 3761083.0,	224.3,	1.5);
(406247.6, 3761082.5,	211.2,	1.5);	(406272.6, 3761081.8,	211.8,	1.5);
(406297.6, 3761081.3,	218.6,	1.5);	(406322.6, 3761080.5,	228.8,	1.5);
(406347.6, 3761080.0,	214.1,	1.5);	(406372.6, 3761079.5,	215.2,	1.5);
(406397.6, 3761078.8,	218.8,	1.5);	(406422.6, 3761078.3,	226.5,	1.5);
(406447.6, 3761077.5,	226.8,	1.5);	(406472.6, 3761077.0,	210.1,	1.5);
(406497.6, 3761076.5,	208.1,	1.5);	(406522.6, 3761075.8,	223.4,	1.5);

Appendix B

PM Annual Emissions Mitigated

(406547.5, 3761075.3,	233.6,	1.5);	(406572.5, 3761074.5,	236.0,	1.5);
(406597.5, 3761074.0,	233.0,	1.5);	(406622.5, 3761073.5,	240.2,	1.5);
(406647.5, 3761072.8,	237.3,	1.5);	(406672.5, 3761072.3,	230.2,	1.5);
(406697.5, 3761071.5,	242.9,	1.5);	(406722.5, 3761071.0,	247.4,	1.5);
(406747.5, 3761070.5,	234.2,	1.5);	(406772.5, 3761069.8,	225.7,	1.5);
(406797.5, 3761069.3,	239.7,	1.5);	(406822.5, 3761068.5,	254.2,	1.5);
(406847.5, 3761068.0,	260.0,	1.5);	(406872.5, 3761067.5,	261.5,	1.5);
(406897.4, 3761066.8,	257.9,	1.5);	(406922.4, 3761066.3,	251.6,	1.5);
(406947.4, 3761065.5,	241.6,	1.5);	(406972.4, 3761065.0,	235.9,	1.5);
(406997.4, 3761064.5,	238.3,	1.5);	(407021.1, 3761061.8,	252.1,	1.5);
(407020.3, 3761036.8,	240.4,	1.5);	(407019.5, 3761011.8,	256.2,	1.5);
(407018.7, 3760986.8,	272.6,	1.5);	(407017.8, 3760961.8,	288.8,	1.5);
(407017.0, 3760936.8,	301.6,	1.5);	(407016.2, 3760911.8,	315.1,	1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions mitigated

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(407015.4, 3760886.8,	319.3,	1.5);	(407014.6, 3760861.8,	314.4,	1.5);
(407013.8, 3760836.8,	308.8,	1.5);	(407012.9, 3760811.8,	306.0,	1.5);
(407012.1, 3760787.0,	302.2,	1.5);	(407011.3, 3760762.0,	294.3,	1.5);
(407010.5, 3760737.0,	283.3,	1.5);	(407009.7, 3760712.0,	271.6,	1.5);
(407008.8, 3760687.0,	257.2,	1.5);	(407008.0, 3760662.0,	246.0,	1.5);
(407031.9, 3760661.5,	234.8,	1.5);	(407056.9, 3760661.3,	216.4,	1.5);
(407081.9, 3760661.3,	219.8,	1.5);	(407106.9, 3760661.0,	245.4,	1.5);
(407131.9, 3760660.8,	260.5,	1.5);	(407156.9, 3760660.5,	267.9,	1.5);
(407181.9, 3760660.3,	282.2,	1.5);	(407206.9, 3760660.0,	296.7,	1.5);
(407231.9, 3760660.0,	308.2,	1.5);	(407256.9, 3760659.8,	311.9,	1.5);
(407281.9, 3760659.5,	304.9,	1.5);	(407306.9, 3760659.3,	293.3,	1.5);
(407331.9, 3760659.0,	285.1,	1.5);	(407356.9, 3760659.0,	292.3,	1.5);
(407381.9, 3760658.8,	292.6,	1.5);	(407406.9, 3760658.5,	291.2,	1.5);
(407431.9, 3760658.3,	297.4,	1.5);	(407456.9, 3760658.0,	301.5,	1.5);
(407481.9, 3760657.8,	303.3,	1.5);	(407506.9, 3760657.8,	294.0,	1.5);
(407531.9, 3760657.5,	287.6,	1.5);	(407556.9, 3760657.3,	0.0,	1.5);
(407581.9, 3760657.0,	0.0,	1.5);	(407606.9, 3760656.8,	0.0,	1.5);
(407631.9, 3760656.8,	0.0,	1.5);	(407656.9, 3760656.5,	0.0,	1.5);
(407681.9, 3760656.3,	0.0,	1.5);	(407706.9, 3760656.0,	0.0,	1.5);
(407731.9, 3760655.8,	0.0,	1.5);	(407756.9, 3760655.5,	0.0,	1.5);
(407781.9, 3760655.5,	0.0,	1.5);	(407806.9, 3760655.3,	0.0,	1.5);
(407831.9, 3760655.0,	0.0,	1.5);	(407856.9, 3760654.8,	0.0,	1.5);
(407881.9, 3760654.5,	0.0,	1.5);	(407906.9, 3760654.3,	0.0,	1.5);
(407931.9, 3760654.3,	0.0,	1.5);	(407956.9, 3760654.0,	0.0,	1.5);
(407981.9, 3760653.8,	0.0,	1.5);	(408006.9, 3760653.5,	0.0,	1.5);
(408031.9, 3760653.3,	0.0,	1.5);	(408056.9, 3760653.3,	0.0,	1.5);
(408081.9, 3760653.0,	0.0,	1.5);	(408106.9, 3760652.8,	0.0,	1.5);
(408131.9, 3760652.5,	0.0,	1.5);	(408156.9, 3760652.3,	0.0,	1.5);
(408181.9, 3760652.0,	0.0,	1.5);	(408206.9, 3760652.0,	0.0,	1.5);
(408225.8, 3760645.0,	0.0,	1.5);	(408224.9, 3760620.0,	0.0,	1.5);
(408224.2, 3760595.0,	0.0,	1.5);	(408223.3, 3760570.0,	0.0,	1.5);
(408222.6, 3760545.0,	0.0,	1.5);	(408221.8, 3760520.0,	0.0,	1.5);
(408220.9, 3760495.0,	0.0,	1.5);	(408220.2, 3760470.0,	0.0,	1.5);
(408219.3, 3760445.0,	0.0,	1.5);	(408218.6, 3760420.0,	0.0,	1.5);
(408217.8, 3760395.0,	0.0,	1.5);	(408216.9, 3760370.0,	0.0,	1.5);
(408216.2, 3760345.0,	0.0,	1.5);	(408215.3, 3760320.0,	0.0,	1.5);
(408214.6, 3760295.0,	0.0,	1.5);	(408213.8, 3760270.0,	0.0,	1.5);
(408213.0, 3760245.3,	0.0,	1.5);	(408212.2, 3760220.3,	0.0,	1.5);
(408211.4, 3760195.3,	0.0,	1.5);	(408210.6, 3760170.3,	0.0,	1.5);
(408209.8, 3760145.3,	0.0,	1.5);	(408209.0, 3760120.3,	0.0,	1.5);
(408208.2, 3760095.3,	0.0,	1.5);	(408207.4, 3760070.3,	0.0,	1.5);
(408206.6, 3760045.3,	0.0,	1.5);	(408205.8, 3760020.3,	0.0,	1.5);
(408205.0, 3759995.3,	0.0,	1.5);	(408204.2, 3759970.3,	0.0,	1.5);
(408203.4, 3759945.3,	0.0,	1.5);	(408202.6, 3759920.3,	0.0,	1.5);
(408201.8, 3759895.3,	0.0,	1.5);	(408201.0, 3759870.3,	0.0,	1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions mitigated

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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)

Appendix B

PM Annual Emissions Mitigated

(METERS)

(408201.6, 3759847.5, 0.0, 1.5);	(408226.6, 3759847.3, 0.0, 1.5);
(408251.6, 3759846.8, 0.0, 1.5);	(408276.6, 3759846.3, 0.0, 1.5);
(408301.6, 3759846.0, 0.0, 1.5);	(408326.6, 3759845.5, 0.0, 1.5);
(408351.6, 3759845.3, 0.0, 1.5);	(408376.6, 3759844.8, 0.0, 1.5);
(408401.6, 3759844.5, 0.0, 1.5);	(408426.6, 3759844.0, 0.0, 1.5);
(408451.5, 3759843.8, 0.0, 1.5);	(408476.5, 3759843.3, 0.0, 1.5);
(408501.5, 3759842.8, 0.0, 1.5);	(408526.5, 3759842.5, 0.0, 1.5);
(408551.5, 3759842.0, 0.0, 1.5);	(408576.5, 3759841.8, 0.0, 1.5);
(408601.5, 3759841.3, 0.0, 1.5);	(408626.5, 3759841.0, 0.0, 1.5);
(408651.5, 3759840.5, 0.0, 1.5);	(408676.5, 3759840.3, 0.0, 1.5);
(408701.5, 3759839.8, 0.0, 1.5);	(408726.5, 3759839.5, 0.0, 1.5);
(408751.5, 3759839.0, 0.0, 1.5);	(408776.5, 3759838.5, 0.0, 1.5);
(408801.5, 3759838.3, 0.0, 1.5);	(408826.5, 3759837.8, 0.0, 1.5);
(408851.5, 3759837.5, 0.0, 1.5);	(408876.5, 3759837.0, 0.0, 1.5);
(408901.5, 3759836.8, 0.0, 1.5);	(408926.5, 3759836.3, 0.0, 1.5);
(408951.5, 3759836.0, 0.0, 1.5);	(408976.5, 3759835.5, 0.0, 1.5);
(409001.5, 3759835.0, 0.0, 1.5);	(409026.5, 3759834.8, 0.0, 1.5);
(409051.5, 3759834.3, 0.0, 1.5);	(409076.5, 3759834.0, 0.0, 1.5);
(409101.5, 3759833.5, 0.0, 1.5);	(409126.5, 3759833.3, 0.0, 1.5);
(409151.5, 3759833.0, 0.0, 1.5);	(409176.5, 3759832.5, 0.0, 1.5);
(409201.5, 3759832.3, 0.0, 1.5);	(409226.5, 3759832.0, 0.0, 1.5);
(409251.5, 3759831.5, 0.0, 1.5);	(409276.4, 3759831.3, 0.0, 1.5);
(409301.4, 3759831.0, 0.0, 1.5);	(409326.4, 3759830.5, 0.0, 1.5);
(409351.4, 3759830.3, 0.0, 1.5);	(409376.4, 3759830.0, 0.0, 1.5);
(409401.4, 3759829.5, 0.0, 1.5);	(409426.4, 3759829.3, 0.0, 1.5);
(409451.4, 3759829.0, 0.0, 1.5);	(409476.4, 3759828.5, 0.0, 1.5);
(409501.4, 3759828.3, 0.0, 1.5);	(409526.4, 3759828.0, 0.0, 1.5);
(409551.4, 3759827.5, 0.0, 1.5);	(409576.4, 3759827.3, 0.0, 1.5);
(409601.4, 3759827.0, 0.0, 1.5);	(409626.4, 3759826.5, 0.0, 1.5);
(409651.4, 3759826.3, 0.0, 1.5);	(409676.4, 3759826.0, 0.0, 1.5);
(409700.9, 3759821.5, 0.0, 1.5);	(409724.6, 3759813.5, 0.0, 1.5);
(409748.3, 3759805.8, 0.0, 1.5);	(409772.0, 3759797.8, 0.0, 1.5);
(407390.9, 3759093.5, 138.5, 1.5);	(407365.1, 3759080.3, 138.6, 1.5);
(407339.8, 3759067.5, 139.9, 1.5);	(407316.6, 3759058.8, 141.3, 1.5);
(407283.2, 3759053.0, 144.3, 1.5);	(407252.9, 3759048.8, 145.0, 1.5);
(407225.7, 3759048.5, 145.0, 1.5);	(407197.0, 3759050.0, 143.7, 1.5);
(407179.0, 3759048.0, 141.9, 1.5);	(407162.8, 3759027.3, 140.9, 1.5);
(407144.1, 3759004.0, 138.4, 1.5);	(407126.5, 3758984.8, 135.1, 1.5);
(407105.8, 3758967.5, 133.6, 1.5);	(407088.2, 3758951.8, 133.5, 1.5);
(407069.5, 3758935.3, 133.2, 1.5);	(407049.3, 3758918.5, 132.9, 1.5);
(407036.3, 3758905.0, 131.9, 1.5);	(407039.7, 3758879.3, 133.0, 1.5);
(407046.7, 3758854.3, 130.9, 1.5);	(407052.5, 3758829.0, 130.0, 1.5);
(407055.9, 3758804.5, 128.7, 1.5);	(407059.2, 3758781.5, 127.0, 1.5);
(407066.3, 3758771.8, 126.4, 1.5);	(407073.9, 3758765.0, 125.1, 1.5);
(407083.1, 3758759.5, 124.1, 1.5);	(407094.4, 3758756.8, 124.0, 1.5);

*** ICSCT3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

*** ANALYSIS ANNUAL PM emissions mitigated

07/29/11

12:01:02

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**MODELOPTs:

CONC URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZFLAG)

(METERS)

(407109.3, 3758764.3, 124.6, 1.5);	(407134.6, 3758776.8, 124.4, 1.5);
(407157.8, 3758790.8, 125.3, 1.5);	(407181.6, 3758803.3, 126.5, 1.5);
(407205.4, 3758815.8, 127.4, 1.5);	(407230.7, 3758833.5, 129.5, 1.5);
(407254.0, 3758858.3, 130.5, 1.5);	(407272.7, 3758877.5, 130.6, 1.5);
(405962.5, 3758512.5, 92.0, 1.5);	(405962.5, 3758487.5, 91.0, 1.5);
(405962.5, 3758462.5, 91.0, 1.5);	(405962.5, 3758437.5, 91.0, 1.5);
(405962.5, 3758412.5, 90.3, 1.5);	(405962.5, 3758387.5, 90.3, 1.5);
(405962.5, 3758362.5, 90.0, 1.5);	(405962.5, 3758337.5, 90.0, 1.5);
(405962.5, 3758312.5, 90.0, 1.5);	(405962.5, 3758287.5, 90.0, 1.5);
(405962.5, 3758262.5, 90.0, 1.5);	(405962.5, 3758237.5, 89.2, 1.5);
(405962.5, 3758212.5, 89.1, 1.5);	(405962.5, 3758187.5, 89.0, 1.5);
(405962.5, 3758162.5, 89.0, 1.5);	(405962.5, 3758137.5, 88.3, 1.5);
(405987.5, 3758512.5, 92.8, 1.5);	(405987.5, 3758487.5, 92.0, 1.5);
(405987.5, 3758462.5, 91.3, 1.5);	(405987.5, 3758437.5, 91.0, 1.5);
(405987.5, 3758412.5, 91.0, 1.5);	(405987.5, 3758387.5, 91.0, 1.5);
(405987.5, 3758362.5, 91.0, 1.5);	(405987.5, 3758337.5, 91.0, 1.5);
(405987.5, 3758312.5, 91.0, 1.5);	(405987.5, 3758287.5, 91.0, 1.5);
(405987.5, 3758262.5, 90.8, 1.5);	(405987.5, 3758237.5, 90.0, 1.5);
(405987.5, 3758212.5, 90.0, 1.5);	(405987.5, 3758187.5, 89.8, 1.5);

Appendix B

				PM Annual Emissions Mitigated			
(405987.5, 3758162.5, 89.3, 1.5);	(405987.5, 3758137.5, 89.0, 1.5);						
(406012.5, 3758512.5, 93.1, 1.5);	(406012.5, 3758487.5, 93.0, 1.5);						
(406012.5, 3758462.5, 92.1, 1.5);	(406012.5, 3758437.5, 92.0, 1.5);						
(406012.5, 3758412.5, 92.0, 1.5);	(406012.5, 3758387.5, 91.3, 1.5);						
(406012.5, 3758362.5, 91.3, 1.5);	(406012.5, 3758337.5, 91.3, 1.5);						
(406012.5, 3758312.5, 91.6, 1.5);	(406012.5, 3758287.5, 91.3, 1.5);						
(406012.5, 3758262.5, 91.0, 1.5);	(406012.5, 3758237.5, 91.0, 1.5);						
(406012.5, 3758212.5, 91.0, 1.5);	(406012.5, 3758187.5, 90.3, 1.5);						
(406012.5, 3758162.5, 90.0, 1.5);	(406012.5, 3758137.5, 90.0, 1.5);						
(406037.5, 3758512.5, 94.0, 1.5);	(406037.5, 3758487.5, 93.7, 1.5);						
(406037.5, 3758462.5, 93.0, 1.5);	(406037.5, 3758437.5, 93.0, 1.5);						
(406037.5, 3758412.5, 92.8, 1.5);	(406037.5, 3758387.5, 92.0, 1.5);						
(406037.5, 3758362.5, 92.0, 1.5);	(406037.5, 3758337.5, 92.0, 1.5);						
(406037.5, 3758312.5, 92.0, 1.5);	(406037.5, 3758287.5, 92.0, 1.5);						
(406037.5, 3758262.5, 92.0, 1.5);	(406037.5, 3758237.5, 91.7, 1.5);						
(406037.5, 3758212.5, 91.0, 1.5);	(406037.5, 3758187.5, 91.0, 1.5);						
(406037.5, 3758162.5, 91.0, 1.5);	(406037.5, 3758137.5, 91.0, 1.5);						
(406062.5, 3758512.5, 95.0, 1.5);	(406062.5, 3758487.5, 94.2, 1.5);						
(406062.5, 3758462.5, 94.0, 1.5);	(406062.5, 3758437.5, 93.3, 1.5);						
(406062.5, 3758412.5, 93.1, 1.5);	(406062.5, 3758387.5, 93.0, 1.5);						
(406062.5, 3758362.5, 93.0, 1.5);	(406062.5, 3758337.5, 93.0, 1.5);						
(406062.5, 3758312.5, 93.0, 1.5);	(406062.5, 3758287.5, 93.0, 1.5);						
(406062.5, 3758262.5, 92.6, 1.5);	(406062.5, 3758237.5, 92.3, 1.5);						
(406062.5, 3758212.5, 92.0, 1.5);	(406062.5, 3758187.5, 91.3, 1.5);						
(406062.5, 3758162.5, 91.1, 1.5);	(406062.5, 3758137.5, 91.3, 1.5);						
(406087.5, 3758512.5, 95.0, 1.5);	(406087.5, 3758487.5, 95.0, 1.5);						

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions mitigated *** 12:01:02
 MODELOPTs: NOCALM * PAGE 12
 CONC

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406087.5, 3758462.5, 94.9, 1.5);	(406087.5, 3758437.5, 94.0, 1.5);
(406087.5, 3758412.5, 94.0, 1.5);	(406087.5, 3758387.5, 94.0, 1.5);
(406087.5, 3758362.5, 94.0, 1.5);	(406087.5, 3758337.5, 93.8, 1.5);
(406087.5, 3758312.5, 93.8, 1.5);	(406087.5, 3758287.5, 93.7, 1.5);
(406087.5, 3758262.5, 93.0, 1.5);	(406087.5, 3758237.5, 93.0, 1.5);
(406087.5, 3758212.5, 92.8, 1.5);	(406087.5, 3758187.5, 92.0, 1.5);
(406087.5, 3758162.5, 92.0, 1.5);	(406087.5, 3758137.5, 92.0, 1.5);
(406112.5, 3758512.5, 96.0, 1.5);	(406112.5, 3758487.5, 96.0, 1.5);
(406112.5, 3758462.5, 95.1, 1.5);	(406112.5, 3758437.5, 95.0, 1.5);
(406112.5, 3758412.5, 95.0, 1.5);	(406112.5, 3758387.5, 94.2, 1.5);
(406112.5, 3758362.5, 94.2, 1.5);	(406112.5, 3758337.5, 94.2, 1.5);
(406112.5, 3758312.5, 94.0, 1.5);	(406112.5, 3758287.5, 94.0, 1.5);
(406112.5, 3758262.5, 94.0, 1.5);	(406112.5, 3758237.5, 94.0, 1.5);
(406112.5, 3758212.5, 93.3, 1.5);	(406112.5, 3758187.5, 93.3, 1.5);
(406112.5, 3758162.5, 93.0, 1.5);	(406112.5, 3758137.5, 93.0, 1.5);
(406137.5, 3758512.5, 97.0, 1.5);	(406137.5, 3758487.5, 96.0, 1.5);
(406137.5, 3758462.5, 96.0, 1.5);	(406137.5, 3758437.5, 95.7, 1.5);
(406137.5, 3758412.5, 95.0, 1.5);	(406137.5, 3758387.5, 95.0, 1.5);
(406137.5, 3758362.5, 95.0, 1.5);	(406137.5, 3758337.5, 95.0, 1.5);
(406137.5, 3758312.5, 95.0, 1.5);	(406137.5, 3758287.5, 95.0, 1.5);
(406137.5, 3758262.5, 94.8, 1.5);	(406137.5, 3758237.5, 94.8, 1.5);
(406137.5, 3758212.5, 94.3, 1.5);	(406137.5, 3758187.5, 94.0, 1.5);
(406137.5, 3758162.5, 94.0, 1.5);	(406137.5, 3758137.5, 94.0, 1.5);
(406162.5, 3758512.5, 97.6, 1.5);	(406162.5, 3758487.5, 97.0, 1.5);
(406162.5, 3758462.5, 96.6, 1.5);	(406162.5, 3758437.5, 96.0, 1.5);
(406162.5, 3758412.5, 96.0, 1.5);	(406162.5, 3758387.5, 96.0, 1.5);
(406162.5, 3758362.5, 95.3, 1.5);	(406162.5, 3758337.5, 95.3, 1.5);
(406162.5, 3758312.5, 95.1, 1.5);	(406162.5, 3758287.5, 95.0, 1.5);
(406162.5, 3758262.5, 95.0, 1.5);	(406162.5, 3758237.5, 95.0, 1.5);
(406162.5, 3758212.5, 95.0, 1.5);	(406162.5, 3758187.5, 95.0, 1.5);
(406162.5, 3758162.5, 95.0, 1.5);	(406162.5, 3758137.5, 95.0, 1.5);
(406187.5, 3758512.5, 98.0, 1.5);	(406187.5, 3758487.5, 97.7, 1.5);
(406187.5, 3758462.5, 97.0, 1.5);	(406187.5, 3758437.5, 97.0, 1.5);
(406187.5, 3758412.5, 96.9, 1.5);	(406187.5, 3758387.5, 96.7, 1.5);
(406187.5, 3758362.5, 96.0, 1.5);	(406187.5, 3758337.5, 96.0, 1.5);
(406187.5, 3758312.5, 96.0, 1.5);	(406187.5, 3758287.5, 96.0, 1.5);
(406187.5, 3758262.5, 96.0, 1.5);	(406187.5, 3758237.5, 96.0, 1.5);
(406187.5, 3758212.5, 96.0, 1.5);	(406187.5, 3758187.5, 96.0, 1.5);
(406187.5, 3758162.5, 95.8, 1.5);	(406187.5, 3758137.5, 95.0, 1.5);
(406212.5, 3758512.5, 99.0, 1.5);	(406212.5, 3758487.5, 98.3, 1.5);

Appendix B

				PM Annual Emissions Mitigated			
(406212.5, 3758462.5,	98.0,	1.5);	(406212.5, 3758437.5,	98.0,	1.5);		
(406212.5, 3758412.5,	97.3,	1.5);	(406212.5, 3758387.5,	97.0,	1.5);		
(406212.5, 3758362.5,	97.3,	1.5);	(406212.5, 3758337.5,	97.0,	1.5);		
(406212.5, 3758312.5,	97.0,	1.5);	(406212.5, 3758287.5,	97.0,	1.5);		
(406212.5, 3758262.5,	97.0,	1.5);	(406212.5, 3758237.5,	97.0,	1.5);		
• *** ISCST3 - VERSION 02035 ***				*** WHITTIER MATRIX OIL PROJECT			
MODELOPTs:				* ANALYSIS ANNUAL PM emissions mitigated			
CONC				NOCALM			
URBAN ELEV FLGPOL				NOCALM			

*** 07/29/11
 *** 12:01:02
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*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406212.5, 3758212.5,	97.0,	1.5);	(406212.5, 3758187.5,	97.0,	1.5);
(406212.5, 3758162.5,	96.6,	1.5);	(406212.5, 3758137.5,	96.0,	1.5);
(406237.5, 3758512.5,	100.3,	1.5);	(406237.5, 3758487.5,	99.8,	1.5);
(406237.5, 3758462.5,	99.0,	1.5);	(406237.5, 3758437.5,	98.7,	1.5);
(406237.5, 3758412.5,	98.0,	1.5);	(406237.5, 3758387.5,	98.0,	1.5);
(406237.5, 3758362.5,	98.0,	1.5);	(406237.5, 3758337.5,	97.7,	1.5);
(406237.5, 3758312.5,	97.7,	1.5);	(406237.5, 3758287.5,	97.7,	1.5);
(406237.5, 3758262.5,	97.7,	1.5);	(406237.5, 3758237.5,	97.7,	1.5);
(406237.5, 3758212.5,	98.0,	1.5);	(406237.5, 3758187.5,	98.0,	1.5);
(406237.5, 3758162.5,	97.0,	1.5);	(406237.5, 3758137.5,	97.0,	1.5);
(406262.5, 3758512.5,	101.6,	1.5);	(406262.5, 3758487.5,	101.0,	1.5);
(406262.5, 3758462.5,	100.2,	1.5);	(406262.5, 3758437.5,	99.9,	1.5);
(406262.5, 3758412.5,	99.1,	1.5);	(406262.5, 3758387.5,	99.0,	1.5);
(406262.5, 3758362.5,	99.0,	1.5);	(406262.5, 3758337.5,	98.3,	1.5);
(406262.5, 3758312.5,	98.0,	1.5);	(406262.5, 3758287.5,	98.0,	1.5);
(406262.5, 3758262.5,	98.1,	1.5);	(406262.5, 3758237.5,	98.3,	1.5);
(406262.5, 3758212.5,	98.0,	1.5);	(406262.5, 3758187.5,	98.0,	1.5);
(406262.5, 3758162.5,	98.0,	1.5);	(406262.5, 3758137.5,	97.0,	1.5);
(406287.5, 3758512.5,	102.4,	1.5);	(406287.5, 3758487.5,	102.0,	1.5);
(406287.5, 3758462.5,	101.3,	1.5);	(406287.5, 3758437.5,	100.8,	1.5);
(406287.5, 3758412.5,	100.3,	1.5);	(406287.5, 3758387.5,	100.0,	1.5);
(406287.5, 3758362.5,	99.9,	1.5);	(406287.5, 3758337.5,	99.7,	1.5);
(406287.5, 3758312.5,	99.0,	1.5);	(406287.5, 3758287.5,	99.0,	1.5);
(406287.5, 3758262.5,	99.0,	1.5);	(406287.5, 3758237.5,	99.0,	1.5);
(406287.5, 3758212.5,	99.0,	1.5);	(406287.5, 3758187.5,	98.0,	1.5);
(406287.5, 3758162.5,	98.0,	1.5);	(406287.5, 3758137.5,	98.0,	1.5);
(406312.5, 3758512.5,	103.1,	1.5);	(406312.5, 3758487.5,	102.3,	1.5);
(406312.5, 3758462.5,	102.0,	1.5);	(406312.5, 3758437.5,	102.0,	1.5);
(406312.5, 3758412.5,	101.3,	1.5);	(406312.5, 3758387.5,	101.0,	1.5);
(406312.5, 3758362.5,	101.0,	1.5);	(406312.5, 3758337.5,	100.2,	1.5);
(406312.5, 3758312.5,	100.0,	1.5);	(406312.5, 3758287.5,	100.0,	1.5);
(406312.5, 3758262.5,	100.0,	1.5);	(406312.5, 3758237.5,	100.0,	1.5);
(406312.5, 3758212.5,	99.1,	1.5);	(406312.5, 3758187.5,	99.0,	1.5);
(406312.5, 3758162.5,	98.3,	1.5);	(406312.5, 3758137.5,	98.0,	1.5);
(406337.5, 3758512.5,	104.0,	1.5);	(406337.5, 3758487.5,	103.0,	1.5);
(406337.5, 3758462.5,	102.9,	1.5);	(406337.5, 3758437.5,	102.7,	1.5);
(406337.5, 3758412.5,	102.0,	1.5);	(406337.5, 3758387.5,	102.0,	1.5);
(406337.5, 3758362.5,	101.9,	1.5);	(406337.5, 3758337.5,	101.0,	1.5);
(406337.5, 3758312.5,	101.0,	1.5);	(406337.5, 3758287.5,	100.0,	1.5);
(406337.5, 3758262.5,	100.0,	1.5);	(406337.5, 3758237.5,	100.0,	1.5);
(406337.5, 3758212.5,	99.5,	1.5);	(406337.5, 3758187.5,	99.0,	1.5);
(406337.5, 3758162.5,	99.0,	1.5);	(406337.5, 3758137.5,	98.9,	1.5);
(406362.5, 3758512.5,	104.6,	1.5);	(406362.5, 3758487.5,	104.0,	1.5);
(406362.5, 3758462.5,	104.0,	1.5);	(406362.5, 3758437.5,	103.3,	1.5);
(406362.5, 3758412.5,	103.1,	1.5);	(406362.5, 3758387.5,	103.0,	1.5);

• *** ISCST3 - VERSION 02035 ***				*** WHITTIER MATRIX OIL PROJECT			
MODELOPTs:				* ANALYSIS ANNUAL PM emissions mitigated			
CONC				NOCALM			
URBAN ELEV FLGPOL				NOCALM			

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 *** 12:01:02
 *** PAGE 14

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406362.5, 3758362.5,	102.0,	1.5);	(406362.5, 3758337.5,	102.0,	1.5);
(406362.5, 3758312.5,	102.0,	1.5);	(406362.5, 3758287.5,	101.0,	1.5);
(406362.5, 3758262.5,	101.0,	1.5);	(406362.5, 3758237.5,	100.0,	1.5);
(406362.5, 3758212.5,	99.3,	1.5);	(406362.5, 3758187.5,	99.0,	1.5);
(406362.5, 3758162.5,	98.8,	1.5);	(406362.5, 3758137.5,	98.7,	1.5);
(406387.5, 3758512.5,	105.0,	1.5);	(406387.5, 3758487.5,	105.0,	1.5);

Appendix B

Table with 8 columns: X-coord, Y-coord, Z-elev, Z-flag, X-coord, Y-coord, Z-elev, Z-flag. Rows represent PM Annual Emissions Mitigated for various receptor locations.

*** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT ANALYSIS ANNUAL PM emissions mitigated ***

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**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS *** (X-COORD, Y-COORD, ZELEV, ZFLAG) (METERS)

Table with 8 columns: X-coord, Y-coord, Z-elev, Z-flag, X-coord, Y-coord, Z-elev, Z-flag. Rows represent discrete Cartesian receptors for various receptor locations.

Appendix B

PM Annual Emissions Mitigated

(406587.5, 3758362.5,	103.4,	1.5);	(406587.5, 3758337.5,	103.8,	1.5);		
(406587.5, 3758312.5,	104.9,	1.5);	(406587.5, 3758287.5,	105.0,	1.5);		
(406587.5, 3758262.5,	105.0,	1.5);	(406587.5, 3758237.5,	105.0,	1.5);		
(406587.5, 3758212.5,	105.0,	1.5);	(406587.5, 3758187.5,	104.8,	1.5);		
(406587.5, 3758162.5,	104.0,	1.5);	(406587.5, 3758137.5,	103.8,	1.5);		
(406612.5, 3758512.5,	109.0,	1.5);	(406612.5, 3758487.5,	107.0,	1.5);		
(406612.5, 3758462.5,	104.7,	1.5);	(406612.5, 3758437.5,	104.0,	1.5);		
(406612.5, 3758412.5,	104.0,	1.5);	(406612.5, 3758387.5,	103.3,	1.5);		
(406612.5, 3758362.5,	104.6,	1.5);	(406612.5, 3758337.5,	105.6,	1.5);		
(406612.5, 3758312.5,	106.4,	1.5);	(406612.5, 3758287.5,	106.3,	1.5);		
(406612.5, 3758262.5,	106.3,	1.5);	(406612.5, 3758237.5,	106.0,	1.5);		
(406612.5, 3758212.5,	105.6,	1.5);	(406612.5, 3758187.5,	105.0,	1.5);		
(406612.5, 3758162.5,	105.0,	1.5);	(406612.5, 3758137.5,	105.0,	1.5);		
(406637.5, 3758512.5,	108.1,	1.5);	(406637.5, 3758487.5,	107.0,	1.5);		
(406637.5, 3758462.5,	105.5,	1.5);	(406637.5, 3758437.5,	104.0,	1.5);		
(406637.5, 3758412.5,	104.4,	1.5);	(406637.5, 3758387.5,	105.8,	1.5);		
(406637.5, 3758362.5,	107.3,	1.5);	(406637.5, 3758337.5,	108.8,	1.5);		
(406637.5, 3758312.5,	108.8,	1.5);	(406637.5, 3758287.5,	108.0,	1.5);		
* *** ISCST3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT		*** ANALYSIS ANNUAL PM emissions mitigated		***	07/29/11	
MODELOPTs:	URBAN ELEV FLGPOL		NOCALM		*	12:01:02	
CONC						PAGE 16	
*** DISCRETE CARTESIAN RECEPTORS ***							
(X-COORD, Y-COORD, ZELEV, ZFLAG)							
(METERS)							
(406637.5, 3758262.5,	107.4,	1.5);	(406637.5, 3758237.5,	106.7,	1.5);		
(406637.5, 3758212.5,	106.0,	1.5);	(406637.5, 3758187.5,	105.7,	1.5);		
(406637.5, 3758162.5,	105.0,	1.5);	(406637.5, 3758137.5,	105.0,	1.5);		
(406662.5, 3758512.5,	109.0,	1.5);	(406662.5, 3758487.5,	108.0,	1.5);		
(406662.5, 3758462.5,	107.2,	1.5);	(406662.5, 3758437.5,	107.3,	1.5);		
(406662.5, 3758412.5,	108.3,	1.5);	(406662.5, 3758387.5,	108.3,	1.5);		
(406662.5, 3758362.5,	109.2,	1.5);	(406662.5, 3758337.5,	110.0,	1.5);		
(406662.5, 3758312.5,	109.6,	1.5);	(406662.5, 3758287.5,	109.0,	1.5);		
(406662.5, 3758262.5,	108.0,	1.5);	(406662.5, 3758237.5,	107.3,	1.5);		
(406662.5, 3758212.5,	107.0,	1.5);	(406662.5, 3758187.5,	106.0,	1.5);		
(406662.5, 3758162.5,	106.0,	1.5);	(406662.5, 3758137.5,	105.0,	1.5);		
(406687.5, 3758512.5,	109.0,	1.5);	(406687.5, 3758487.5,	109.0,	1.5);		
(406687.5, 3758462.5,	109.0,	1.5);	(406687.5, 3758437.5,	109.8,	1.5);		
(406687.5, 3758412.5,	110.0,	1.5);	(406687.5, 3758387.5,	109.8,	1.5);		
(406687.5, 3758362.5,	110.4,	1.5);	(406687.5, 3758337.5,	110.7,	1.5);		
(406687.5, 3758312.5,	110.0,	1.5);	(406687.5, 3758287.5,	109.0,	1.5);		
(406687.5, 3758262.5,	108.4,	1.5);	(406687.5, 3758237.5,	108.0,	1.5);		
(406687.5, 3758212.5,	107.0,	1.5);	(406687.5, 3758187.5,	107.0,	1.5);		
(406687.5, 3758162.5,	106.0,	1.5);	(406687.5, 3758137.5,	105.0,	1.5);		
(406712.5, 3758512.5,	109.0,	1.5);	(406712.5, 3758487.5,	109.3,	1.5);		
(406712.5, 3758462.5,	110.0,	1.5);	(406712.5, 3758437.5,	110.2,	1.5);		
(406712.5, 3758412.5,	111.0,	1.5);	(406712.5, 3758387.5,	111.0,	1.5);		
(406712.5, 3758362.5,	111.0,	1.5);	(406712.5, 3758337.5,	110.9,	1.5);		
(406712.5, 3758312.5,	110.0,	1.5);	(406712.5, 3758287.5,	109.0,	1.5);		
(406712.5, 3758262.5,	109.0,	1.5);	(406712.5, 3758237.5,	108.0,	1.5);		
(406712.5, 3758212.5,	108.0,	1.5);	(406712.5, 3758187.5,	107.0,	1.5);		
(406712.5, 3758162.5,	106.1,	1.5);	(406712.5, 3758137.5,	105.0,	1.5);		
(406737.5, 3758512.5,	109.5,	1.5);	(406737.5, 3758487.5,	110.0,	1.5);		
(406737.5, 3758462.5,	110.9,	1.5);	(406737.5, 3758437.5,	111.0,	1.5);		
(406737.5, 3758412.5,	111.4,	1.5);	(406737.5, 3758387.5,	111.8,	1.5);		
(406737.5, 3758362.5,	112.0,	1.5);	(406737.5, 3758337.5,	111.0,	1.5);		
(406737.5, 3758312.5,	110.3,	1.5);	(406737.5, 3758287.5,	110.0,	1.5);		
(406737.5, 3758262.5,	109.0,	1.5);	(406737.5, 3758237.5,	109.0,	1.5);		
(406737.5, 3758212.5,	108.0,	1.5);	(406737.5, 3758187.5,	107.0,	1.5);		
(406737.5, 3758162.5,	106.0,	1.5);	(406737.5, 3758137.5,	105.0,	1.5);		
(406762.5, 3758512.5,	110.0,	1.5);	(406762.5, 3758487.5,	111.0,	1.5);		
(406762.5, 3758462.5,	111.3,	1.5);	(406762.5, 3758437.5,	112.0,	1.5);		
(406762.5, 3758412.5,	112.0,	1.5);	(406762.5, 3758387.5,	112.0,	1.5);		
(406762.5, 3758362.5,	112.3,	1.5);	(406762.5, 3758337.5,	112.0,	1.5);		
(406762.5, 3758312.5,	111.1,	1.5);	(406762.5, 3758287.5,	110.2,	1.5);		
(406762.5, 3758262.5,	110.0,	1.5);	(406762.5, 3758237.5,	109.0,	1.5);		
(406762.5, 3758212.5,	108.6,	1.5);	(406762.5, 3758187.5,	107.0,	1.5);		
(406762.5, 3758162.5,	106.0,	1.5);	(406762.5, 3758137.5,	105.0,	1.5);		
(406787.5, 3758512.5,	110.0,	1.5);	(406787.5, 3758487.5,	111.0,	1.5);		
(406787.5, 3758462.5,	112.0,	1.5);	(406787.5, 3758437.5,	112.7,	1.5);		
* *** ISCST3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT		*** ANALYSIS ANNUAL PM emissions mitigated		***	07/29/11	
MODELOPTs:	URBAN ELEV FLGPOL		NOCALM		*	12:01:02	
CONC						PAGE 17	

Appendix B

CONC

URBAN ELEV FLGPOL

PM Annual Emissions Mitigated
NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406787.5, 3758412.5, 113.0, 1.5);	(406787.5, 3758387.5, 113.0, 1.5);
(406787.5, 3758362.5, 113.4, 1.5);	(406787.5, 3758337.5, 112.7, 1.5);
(406787.5, 3758312.5, 112.0, 1.5);	(406787.5, 3758287.5, 111.7, 1.5);
(406787.5, 3758262.5, 110.3, 1.5);	(406787.5, 3758237.5, 109.9, 1.5);
(406787.5, 3758212.5, 109.0, 1.5);	(406787.5, 3758187.5, 107.0, 1.5);
(406787.5, 3758162.5, 106.0, 1.5);	(406787.5, 3758137.5, 104.2, 1.5);
(406812.5, 3758512.5, 110.6, 1.5);	(406812.5, 3758487.5, 112.0, 1.5);
(406812.5, 3758462.5, 112.6, 1.5);	(406812.5, 3758437.5, 113.3, 1.5);
(406812.5, 3758412.5, 114.1, 1.5);	(406812.5, 3758387.5, 114.2, 1.5);
(406812.5, 3758362.5, 114.2, 1.5);	(406812.5, 3758337.5, 114.0, 1.5);
(406812.5, 3758312.5, 112.6, 1.5);	(406812.5, 3758287.5, 112.0, 1.5);
(406812.5, 3758262.5, 111.1, 1.5);	(406812.5, 3758237.5, 110.0, 1.5);
(406812.5, 3758212.5, 109.0, 1.5);	(406812.5, 3758187.5, 108.0, 1.5);
(406812.5, 3758162.5, 105.5, 1.5);	(406812.5, 3758137.5, 104.0, 1.5);
(406837.5, 3758512.5, 111.7, 1.5);	(406837.5, 3758487.5, 112.0, 1.5);
(406837.5, 3758462.5, 113.0, 1.5);	(406837.5, 3758437.5, 114.0, 1.5);
(406837.5, 3758412.5, 115.4, 1.5);	(406837.5, 3758387.5, 115.8, 1.5);
(406837.5, 3758362.5, 115.3, 1.5);	(406837.5, 3758337.5, 115.0, 1.5);
(406837.5, 3758312.5, 113.8, 1.5);	(406837.5, 3758287.5, 112.0, 1.5);
(406837.5, 3758262.5, 110.6, 1.5);	(406837.5, 3758237.5, 109.2, 1.5);
(406837.5, 3758212.5, 109.0, 1.5);	(406837.5, 3758187.5, 108.0, 1.5);
(406837.5, 3758162.5, 106.2, 1.5);	(406837.5, 3758137.5, 104.8, 1.5);
(406862.5, 3758512.5, 112.3, 1.5);	(406862.5, 3758487.5, 113.0, 1.5);
(406862.5, 3758462.5, 114.0, 1.5);	(406862.5, 3758437.5, 115.0, 1.5);
(406862.5, 3758412.5, 116.0, 1.5);	(406862.5, 3758387.5, 116.3, 1.5);
(406862.5, 3758362.5, 116.0, 1.5);	(406862.5, 3758337.5, 115.9, 1.5);
(406862.5, 3758312.5, 114.5, 1.5);	(406862.5, 3758287.5, 110.9, 1.5);
(406862.5, 3758262.5, 109.3, 1.5);	(406862.5, 3758237.5, 109.2, 1.5);
(406862.5, 3758212.5, 109.2, 1.5);	(406862.5, 3758187.5, 109.0, 1.5);
(406862.5, 3758162.5, 109.0, 1.5);	(406862.5, 3758137.5, 108.3, 1.5);
(406887.5, 3758512.5, 113.8, 1.5);	(406887.5, 3758487.5, 114.0, 1.5);
(406887.5, 3758462.5, 114.4, 1.5);	(406887.5, 3758437.5, 115.8, 1.5);
(406887.5, 3758412.5, 116.4, 1.5);	(406887.5, 3758387.5, 117.0, 1.5);
(406887.5, 3758362.5, 116.9, 1.5);	(406887.5, 3758337.5, 116.0, 1.5);
(406887.5, 3758312.5, 112.9, 1.5);	(406887.5, 3758287.5, 109.2, 1.5);
(406887.5, 3758262.5, 109.8, 1.5);	(406887.5, 3758237.5, 110.8, 1.5);
(406887.5, 3758212.5, 111.7, 1.5);	(406887.5, 3758187.5, 111.5, 1.5);
(406887.5, 3758162.5, 111.5, 1.5);	(406887.5, 3758137.5, 111.7, 1.5);
(406912.5, 3758512.5, 114.6, 1.5);	(406912.5, 3758487.5, 115.0, 1.5);
(406912.5, 3758462.5, 115.0, 1.5);	(406912.5, 3758437.5, 116.0, 1.5);
(406912.5, 3758412.5, 117.5, 1.5);	(406912.5, 3758387.5, 118.0, 1.5);
(406912.5, 3758362.5, 117.0, 1.5);	(406912.5, 3758337.5, 115.9, 1.5);
(406912.5, 3758312.5, 111.6, 1.5);	(406912.5, 3758287.5, 109.0, 1.5);
(406912.5, 3758262.5, 111.9, 1.5);	(406912.5, 3758237.5, 114.5, 1.5);
(406912.5, 3758212.5, 114.9, 1.5);	(406912.5, 3758187.5, 114.5, 1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL PM emissions mitigated

*** 07/29/11
*** 12:01:02
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**MODELOPTs:

CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406912.5, 3758162.5, 114.5, 1.5);	(406912.5, 3758137.5, 114.5, 1.5);
(406937.5, 3758512.5, 116.0, 1.5);	(406937.5, 3758487.5, 116.0, 1.5);
(406937.5, 3758462.5, 115.9, 1.5);	(406937.5, 3758437.5, 116.0, 1.5);
(406937.5, 3758412.5, 117.9, 1.5);	(406937.5, 3758387.5, 118.0, 1.5);
(406937.5, 3758362.5, 117.0, 1.5);	(406937.5, 3758337.5, 115.2, 1.5);
(406937.5, 3758312.5, 111.9, 1.5);	(406937.5, 3758287.5, 113.4, 1.5);
(406937.5, 3758262.5, 116.2, 1.5);	(406937.5, 3758237.5, 118.8, 1.5);
(406937.5, 3758212.5, 119.5, 1.5);	(406937.5, 3758187.5, 119.5, 1.5);
(406937.5, 3758162.5, 118.9, 1.5);	(406937.5, 3758137.5, 117.7, 1.5);
(406962.5, 3758512.5, 118.5, 1.5);	(406962.5, 3758487.5, 118.5, 1.5);
(406962.5, 3758462.5, 118.5, 1.5);	(406962.5, 3758437.5, 118.3, 1.5);
(406962.5, 3758412.5, 119.2, 1.5);	(406962.5, 3758387.5, 118.9, 1.5);
(406962.5, 3758362.5, 116.3, 1.5);	(406962.5, 3758337.5, 114.9, 1.5);
(406962.5, 3758312.5, 115.2, 1.5);	(406962.5, 3758287.5, 117.3, 1.5);

Appendix B

PM Annual Emissions Mitigated

(407162.5, 3758162.5, 131.5, 1.5);	(407162.5, 3758137.5, 129.5, 1.5);
(407187.5, 3758512.5, 140.1, 1.5);	(407187.5, 3758487.5, 141.7, 1.5);
(407187.5, 3758462.5, 139.3, 1.5);	(407187.5, 3758437.5, 136.5, 1.5);
(407187.5, 3758412.5, 133.8, 1.5);	(407187.5, 3758387.5, 132.7, 1.5);
(407187.5, 3758362.5, 132.7, 1.5);	(407187.5, 3758337.5, 132.7, 1.5);
(407187.5, 3758312.5, 132.9, 1.5);	(407187.5, 3758287.5, 133.7, 1.5);
(407187.5, 3758262.5, 133.9, 1.5);	(407187.5, 3758237.5, 134.8, 1.5);
(407187.5, 3758212.5, 136.2, 1.5);	(407187.5, 3758187.5, 137.5, 1.5);
(407187.5, 3758162.5, 136.9, 1.5);	(407187.5, 3758137.5, 134.5, 1.5);
(407212.5, 3758512.5, 142.0, 1.5);	(407212.5, 3758487.5, 142.3, 1.5);

• *** ISCS T3 - VERSION 02035 *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions mitigated

*** 07/29/11
 *** 12:01:02
 *** PAGE 20

**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(407212.5, 3758462.5, 141.1, 1.5);	(407212.5, 3758437.5, 140.9, 1.5);
(407212.5, 3758412.5, 137.7, 1.5);	(407212.5, 3758387.5, 135.2, 1.5);
(407212.5, 3758362.5, 135.1, 1.5);	(407212.5, 3758337.5, 135.0, 1.5);
(407212.5, 3758312.5, 135.1, 1.5);	(407212.5, 3758287.5, 135.2, 1.5);
(407212.5, 3758262.5, 136.1, 1.5);	(407212.5, 3758237.5, 137.0, 1.5);
(407212.5, 3758212.5, 139.8, 1.5);	(407212.5, 3758187.5, 141.0, 1.5);
(407212.5, 3758162.5, 140.5, 1.5);	(407212.5, 3758137.5, 136.9, 1.5);
(407237.5, 3758512.5, 143.0, 1.5);	(407237.5, 3758487.5, 143.7, 1.5);
(407237.5, 3758462.5, 143.7, 1.5);	(407237.5, 3758437.5, 142.7, 1.5);
(407237.5, 3758412.5, 140.2, 1.5);	(407237.5, 3758387.5, 137.7, 1.5);
(407237.5, 3758362.5, 136.7, 1.5);	(407237.5, 3758337.5, 136.7, 1.5);
(407237.5, 3758312.5, 137.2, 1.5);	(407237.5, 3758287.5, 137.7, 1.5);
(407237.5, 3758262.5, 137.9, 1.5);	(407237.5, 3758237.5, 138.0, 1.5);
(407237.5, 3758212.5, 140.1, 1.5);	(407237.5, 3758187.5, 140.2, 1.5);
(407237.5, 3758162.5, 138.7, 1.5);	(407237.5, 3758137.5, 136.2, 1.5);
(407262.5, 3758512.5, 144.2, 1.5);	(407262.5, 3758487.5, 145.0, 1.5);
(407262.5, 3758462.5, 145.1, 1.5);	(407262.5, 3758437.5, 146.3, 1.5);
(407262.5, 3758412.5, 144.8, 1.5);	(407262.5, 3758387.5, 139.9, 1.5);
(407262.5, 3758362.5, 138.3, 1.5);	(407262.5, 3758337.5, 138.3, 1.5);
(407262.5, 3758312.5, 139.2, 1.5);	(407262.5, 3758287.5, 139.3, 1.5);
(407262.5, 3758262.5, 140.0, 1.5);	(407262.5, 3758237.5, 139.2, 1.5);
(407262.5, 3758212.5, 138.3, 1.5);	(407262.5, 3758187.5, 137.7, 1.5);
(407262.5, 3758162.5, 136.6, 1.5);	(407262.5, 3758137.5, 134.7, 1.5);
(407287.5, 3758512.5, 146.3, 1.5);	(407287.5, 3758487.5, 145.8, 1.5);
(407287.5, 3758462.5, 146.9, 1.5);	(407287.5, 3758437.5, 147.7, 1.5);
(407287.5, 3758412.5, 146.9, 1.5);	(407287.5, 3758387.5, 142.5, 1.5);
(407287.5, 3758362.5, 139.3, 1.5);	(407287.5, 3758337.5, 140.0, 1.5);
(407287.5, 3758312.5, 140.8, 1.5);	(407287.5, 3758287.5, 141.0, 1.5);
(407287.5, 3758262.5, 141.0, 1.5);	(407287.5, 3758237.5, 139.0, 1.5);
(407287.5, 3758212.5, 135.9, 1.5);	(407287.5, 3758187.5, 135.2, 1.5);
(407287.5, 3758162.5, 135.8, 1.5);	(407287.5, 3758137.5, 134.0, 1.5);
(407312.5, 3758512.5, 150.1, 1.5);	(407312.5, 3758487.5, 151.2, 1.5);
(407312.5, 3758462.5, 149.7, 1.5);	(407312.5, 3758437.5, 148.9, 1.5);
(407312.5, 3758412.5, 147.9, 1.5);	(407312.5, 3758387.5, 144.9, 1.5);
(407312.5, 3758362.5, 140.6, 1.5);	(407312.5, 3758337.5, 140.0, 1.5);
(407312.5, 3758312.5, 140.8, 1.5);	(407312.5, 3758287.5, 140.7, 1.5);
(407312.5, 3758262.5, 139.2, 1.5);	(407312.5, 3758237.5, 135.7, 1.5);
(407312.5, 3758212.5, 133.7, 1.5);	(407312.5, 3758187.5, 133.7, 1.5);
(407312.5, 3758162.5, 135.0, 1.5);	(407312.5, 3758137.5, 135.2, 1.5);
(407337.5, 3758512.5, 153.3, 1.5);	(407337.5, 3758487.5, 152.9, 1.5);
(407337.5, 3758462.5, 151.4, 1.5);	(407337.5, 3758437.5, 149.7, 1.5);
(407337.5, 3758412.5, 147.9, 1.5);	(407337.5, 3758387.5, 145.9, 1.5);
(407337.5, 3758362.5, 140.5, 1.5);	(407337.5, 3758337.5, 139.2, 1.5);
(407337.5, 3758312.5, 138.3, 1.5);	(407337.5, 3758287.5, 137.2, 1.5);
(407337.5, 3758262.5, 135.8, 1.5);	(407337.5, 3758237.5, 134.2, 1.5);

• *** ISCS T3 - VERSION 02035 *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions mitigated

*** 07/29/11
 *** 12:01:02
 *** PAGE 21

**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(407337.5, 3758212.5, 132.4, 1.5);	(407337.5, 3758187.5, 132.2, 1.5);
-------------------------------------	-------------------------------------

Appendix B

PM Annual Emissions Mitigated

(407337.5, 3758162.5, 134.5, 1.5);	(407337.5, 3758137.5, 135.0, 1.5);		
(407362.5, 3758512.5, 153.2, 1.5);	(407362.5, 3758487.5, 152.9, 1.5);		
(407362.5, 3758462.5, 151.4, 1.5);	(407362.5, 3758437.5, 149.6, 1.5);		
(407362.5, 3758412.5, 147.9, 1.5);	(407362.5, 3758387.5, 145.9, 1.5);		
(407362.5, 3758362.5, 141.6, 1.5);	(407362.5, 3758337.5, 139.2, 1.5);		
(407362.5, 3758312.5, 136.6, 1.5);	(407362.5, 3758287.5, 134.7, 1.5);		
(407362.5, 3758262.5, 133.2, 1.5);	(407362.5, 3758237.5, 129.4, 1.5);		
(407362.5, 3758212.5, 129.3, 1.5);	(407362.5, 3758187.5, 128.4, 1.5);		
(407362.5, 3758162.5, 130.6, 1.5);	(407362.5, 3758137.5, 132.4, 1.5);		
(407387.5, 3758512.5, 152.1, 1.5);	(407387.5, 3758487.5, 152.2, 1.5);		
(407387.5, 3758462.5, 150.0, 1.5);	(407387.5, 3758437.5, 147.4, 1.5);		
(407387.5, 3758412.5, 147.1, 1.5);	(407387.5, 3758387.5, 145.9, 1.5);		
(407387.5, 3758362.5, 142.4, 1.5);	(407387.5, 3758337.5, 140.9, 1.5);		
(407387.5, 3758312.5, 137.7, 1.5);	(407387.5, 3758287.5, 134.7, 1.5);		
(407387.5, 3758262.5, 131.3, 1.5);	(407387.5, 3758237.5, 128.0, 1.5);		
(407387.5, 3758212.5, 124.6, 1.5);	(407387.5, 3758187.5, 120.2, 1.5);		
(407387.5, 3758162.5, 120.3, 1.5);	(407387.5, 3758137.5, 121.3, 1.5);		
(407412.5, 3758512.5, 151.2, 1.5);	(407412.5, 3758487.5, 150.9, 1.5);		
(407412.5, 3758462.5, 148.6, 1.5);	(407412.5, 3758437.5, 145.9, 1.5);		
(407412.5, 3758412.5, 145.0, 1.5);	(407412.5, 3758387.5, 145.0, 1.5);		
(407412.5, 3758362.5, 142.9, 1.5);	(407412.5, 3758337.5, 140.9, 1.5);		
(407412.5, 3758312.5, 139.7, 1.5);	(407412.5, 3758287.5, 136.5, 1.5);		
(407412.5, 3758262.5, 133.6, 1.5);	(407412.5, 3758237.5, 129.5, 1.5);		
(407412.5, 3758212.5, 125.4, 1.5);	(407412.5, 3758187.5, 121.8, 1.5);		
(407412.5, 3758162.5, 120.4, 1.5);	(407412.5, 3758137.5, 119.0, 1.5);		
(407437.5, 3758512.5, 153.5, 1.5);	(407437.5, 3758487.5, 153.5, 1.5);		
(407437.5, 3758462.5, 153.4, 1.5);	(407437.5, 3758437.5, 150.6, 1.5);		
(407437.5, 3758412.5, 147.0, 1.5);	(407437.5, 3758387.5, 144.9, 1.5);		
(407437.5, 3758362.5, 143.0, 1.5);	(407437.5, 3758337.5, 142.0, 1.5);		
(407437.5, 3758312.5, 140.8, 1.5);	(407437.5, 3758287.5, 139.7, 1.5);		
(407437.5, 3758262.5, 135.0, 1.5);	(407437.5, 3758237.5, 131.7, 1.5);		
(407437.5, 3758212.5, 130.2, 1.5);	(407437.5, 3758187.5, 129.5, 1.5);		
(407437.5, 3758162.5, 128.0, 1.5);	(407437.5, 3758137.5, 124.8, 1.5);		
(407462.5, 3758512.5, 158.3, 1.5);	(407462.5, 3758487.5, 158.3, 1.5);		
(407462.5, 3758462.5, 159.4, 1.5);	(407462.5, 3758437.5, 156.2, 1.5);		
(407462.5, 3758412.5, 149.4, 1.5);	(407462.5, 3758387.5, 144.9, 1.5);		
(407462.5, 3758362.5, 141.2, 1.5);	(407462.5, 3758337.5, 140.7, 1.5);		
(407462.5, 3758312.5, 140.7, 1.5);	(407462.5, 3758287.5, 141.0, 1.5);		
(407462.5, 3758262.5, 139.1, 1.5);	(407462.5, 3758237.5, 134.8, 1.5);		
(407462.5, 3758212.5, 133.4, 1.5);	(407462.5, 3758187.5, 132.5, 1.5);		
(407462.5, 3758162.5, 131.0, 1.5);	(407462.5, 3758137.5, 129.5, 1.5);		
(407487.5, 3758512.5, 157.9, 1.5);	(407487.5, 3758487.5, 161.0, 1.5);		
(407487.5, 3758462.5, 160.5, 1.5);	(407487.5, 3758437.5, 156.1, 1.5);		
(407487.5, 3758412.5, 149.0, 1.5);	(407487.5, 3758387.5, 144.1, 1.5);		
<p>*** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11</p> <p>*** ANALYSIS ANNUAL PM emissions mitigated *** 12:01:02</p>			
**MODELOPTs:			
CONC	URBAN ELEV FLGPOL	NOCALM	PAGE 22
*** DISCRETE CARTESIAN RECEPTORS ***			
(X-COORD, Y-COORD, ZELEV, ZFLAG)			
(METERS)			
(407487.5, 3758362.5, 140.8, 1.5);	(407487.5, 3758337.5, 140.0, 1.5);		
(407487.5, 3758312.5, 140.0, 1.5);	(407487.5, 3758287.5, 140.8, 1.5);		
(407487.5, 3758262.5, 140.8, 1.5);	(407487.5, 3758237.5, 139.8, 1.5);		
(407487.5, 3758212.5, 138.6, 1.5);	(407487.5, 3758187.5, 136.5, 1.5);		
(407487.5, 3758162.5, 135.5, 1.5);	(407487.5, 3758137.5, 134.5, 1.5);		
(407512.5, 3758512.5, 149.8, 1.5);	(407512.5, 3758487.5, 150.9, 1.5);		
(407512.5, 3758462.5, 153.7, 1.5);	(407512.5, 3758437.5, 151.4, 1.5);		
(407512.5, 3758412.5, 146.0, 1.5);	(407512.5, 3758387.5, 142.6, 1.5);		
(407512.5, 3758362.5, 140.8, 1.5);	(407512.5, 3758337.5, 142.3, 1.5);		
(407512.5, 3758312.5, 142.4, 1.5);	(407512.5, 3758287.5, 142.3, 1.5);		
(407512.5, 3758262.5, 142.3, 1.5);	(407512.5, 3758237.5, 141.2, 1.5);		
(407512.5, 3758212.5, 141.2, 1.5);	(407512.5, 3758187.5, 140.5, 1.5);		
(407512.5, 3758162.5, 140.0, 1.5);	(407512.5, 3758137.5, 138.3, 1.5);		
(407537.5, 3758512.5, 0.0, 1.5);	(407537.5, 3758487.5, 0.0, 1.5);		
(407537.5, 3758462.5, 0.0, 1.5);	(407537.5, 3758437.5, 0.0, 1.5);		
(407537.5, 3758412.5, 0.0, 1.5);	(407537.5, 3758387.5, 0.0, 1.5);		
(407537.5, 3758362.5, 0.0, 1.5);	(407537.5, 3758337.5, 0.0, 1.5);		
(407537.5, 3758312.5, 0.0, 1.5);	(407537.5, 3758287.5, 0.0, 1.5);		
(407537.5, 3758262.5, 0.0, 1.5);	(407537.5, 3758237.5, 0.0, 1.5);		
(407537.5, 3758212.5, 0.0, 1.5);	(407537.5, 3758187.5, 0.0, 1.5);		
(407537.5, 3758162.5, 0.0, 1.5);	(407537.5, 3758137.5, 0.0, 1.5);		
(407562.5, 3758512.5, 0.0, 1.5);	(407562.5, 3758487.5, 0.0, 1.5);		

Appendix B

PM Annual Emissions Mitigated

```
( 407762.5, 3758362.5, 0.0, 1.5); ( 407762.5, 3758337.5, 0.0, 1.5);
( 407762.5, 3758312.5, 0.0, 1.5); ( 407762.5, 3758287.5, 0.0, 1.5);
*** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS ANNUAL PM emissions mitigated *** 12:01:02
**MODELOPTs: ** PAGE 24
CONC URBAN ELEV FLGPOL NOCALM
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

```
( 407762.5, 3758262.5, 0.0, 1.5); ( 407762.5, 3758237.5, 0.0, 1.5);
( 407762.5, 3758212.5, 0.0, 1.5); ( 407762.5, 3758187.5, 0.0, 1.5);
( 407762.5, 3758162.5, 0.0, 1.5); ( 407762.5, 3758137.5, 0.0, 1.5);
( 407787.5, 3758512.5, 0.0, 1.5); ( 407787.5, 3758487.5, 0.0, 1.5);
( 407787.5, 3758462.5, 0.0, 1.5); ( 407787.5, 3758437.5, 0.0, 1.5);
( 407787.5, 3758412.5, 0.0, 1.5); ( 407787.5, 3758387.5, 0.0, 1.5);
( 407787.5, 3758362.5, 0.0, 1.5); ( 407787.5, 3758337.5, 0.0, 1.5);
( 407787.5, 3758312.5, 0.0, 1.5); ( 407787.5, 3758287.5, 0.0, 1.5);
( 407787.5, 3758262.5, 0.0, 1.5); ( 407787.5, 3758237.5, 0.0, 1.5);
( 407787.5, 3758212.5, 0.0, 1.5); ( 407787.5, 3758187.5, 0.0, 1.5);
( 407787.5, 3758162.5, 0.0, 1.5); ( 407787.5, 3758137.5, 0.0, 1.5);
( 407812.5, 3758512.5, 0.0, 1.5); ( 407812.5, 3758487.5, 0.0, 1.5);
( 407812.5, 3758462.5, 0.0, 1.5); ( 407812.5, 3758437.5, 0.0, 1.5);
( 407812.5, 3758412.5, 0.0, 1.5); ( 407812.5, 3758387.5, 0.0, 1.5);
( 407812.5, 3758362.5, 0.0, 1.5); ( 407812.5, 3758337.5, 0.0, 1.5);
( 407812.5, 3758312.5, 0.0, 1.5); ( 407812.5, 3758287.5, 0.0, 1.5);
( 407812.5, 3758262.5, 0.0, 1.5); ( 407812.5, 3758237.5, 0.0, 1.5);
( 407812.5, 3758212.5, 0.0, 1.5); ( 407812.5, 3758187.5, 0.0, 1.5);
( 407812.5, 3758162.5, 0.0, 1.5); ( 407812.5, 3758137.5, 0.0, 1.5);
( 407837.5, 3758512.5, 0.0, 1.5); ( 407837.5, 3758487.5, 0.0, 1.5);
( 407837.5, 3758462.5, 0.0, 1.5); ( 407837.5, 3758437.5, 0.0, 1.5);
( 407837.5, 3758412.5, 0.0, 1.5); ( 407837.5, 3758387.5, 0.0, 1.5);
( 407837.5, 3758362.5, 0.0, 1.5); ( 407837.5, 3758337.5, 0.0, 1.5);
( 407837.5, 3758312.5, 0.0, 1.5); ( 407837.5, 3758287.5, 0.0, 1.5);
( 407837.5, 3758262.5, 0.0, 1.5); ( 407837.5, 3758237.5, 0.0, 1.5);
( 407837.5, 3758212.5, 0.0, 1.5); ( 407837.5, 3758187.5, 0.0, 1.5);
( 407837.5, 3758162.5, 0.0, 1.5); ( 407837.5, 3758137.5, 0.0, 1.5);
( 407862.5, 3758512.5, 0.0, 1.5); ( 407862.5, 3758487.5, 0.0, 1.5);
( 407862.5, 3758462.5, 0.0, 1.5); ( 407862.5, 3758437.5, 0.0, 1.5);
( 407862.5, 3758412.5, 0.0, 1.5); ( 407862.5, 3758387.5, 0.0, 1.5);
( 407862.5, 3758362.5, 0.0, 1.5); ( 407862.5, 3758337.5, 0.0, 1.5);
( 407862.5, 3758312.5, 0.0, 1.5); ( 407862.5, 3758287.5, 0.0, 1.5);
( 407862.5, 3758262.5, 0.0, 1.5); ( 407862.5, 3758237.5, 0.0, 1.5);
( 407862.5, 3758212.5, 0.0, 1.5); ( 407862.5, 3758187.5, 0.0, 1.5);
( 407862.5, 3758162.5, 0.0, 1.5); ( 407862.5, 3758137.5, 0.0, 1.5);
( 407887.5, 3758512.5, 0.0, 1.5); ( 407887.5, 3758487.5, 0.0, 1.5);
( 407887.5, 3758462.5, 0.0, 1.5); ( 407887.5, 3758437.5, 0.0, 1.5);
( 407887.5, 3758412.5, 0.0, 1.5); ( 407887.5, 3758387.5, 0.0, 1.5);
( 407887.5, 3758362.5, 0.0, 1.5); ( 407887.5, 3758337.5, 0.0, 1.5);
( 407887.5, 3758312.5, 0.0, 1.5); ( 407887.5, 3758287.5, 0.0, 1.5);
( 407887.5, 3758262.5, 0.0, 1.5); ( 407887.5, 3758237.5, 0.0, 1.5);
( 407887.5, 3758212.5, 0.0, 1.5); ( 407887.5, 3758187.5, 0.0, 1.5);
( 407887.5, 3758162.5, 0.0, 1.5); ( 407887.5, 3758137.5, 0.0, 1.5);
( 407912.5, 3758512.5, 0.0, 1.5); ( 407912.5, 3758487.5, 0.0, 1.5);
( 407912.5, 3758462.5, 0.0, 1.5); ( 407912.5, 3758437.5, 0.0, 1.5);
*** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS ANNUAL PM emissions mitigated *** 12:01:02
**MODELOPTs: ** PAGE 25
CONC URBAN ELEV FLGPOL NOCALM
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

```
( 407912.5, 3758412.5, 0.0, 1.5); ( 407912.5, 3758387.5, 0.0, 1.5);
( 407912.5, 3758362.5, 0.0, 1.5); ( 407912.5, 3758337.5, 0.0, 1.5);
( 407912.5, 3758312.5, 0.0, 1.5); ( 407912.5, 3758287.5, 0.0, 1.5);
( 407912.5, 3758262.5, 0.0, 1.5); ( 407912.5, 3758237.5, 0.0, 1.5);
( 407912.5, 3758212.5, 0.0, 1.5); ( 407912.5, 3758187.5, 0.0, 1.5);
( 407912.5, 3758162.5, 0.0, 1.5); ( 407912.5, 3758137.5, 0.0, 1.5);
( 407937.5, 3758512.5, 0.0, 1.5); ( 407937.5, 3758487.5, 0.0, 1.5);
( 407937.5, 3758462.5, 0.0, 1.5); ( 407937.5, 3758437.5, 0.0, 1.5);
( 407937.5, 3758412.5, 0.0, 1.5); ( 407937.5, 3758387.5, 0.0, 1.5);
```

Appendix B

PM Annual Emissions Mitigated

(407937.5, 3758362.5, 0.0, 1.5);	(407937.5, 3758337.5, 0.0, 1.5);
(407937.5, 3758312.5, 0.0, 1.5);	(407937.5, 3758287.5, 0.0, 1.5);
(407937.5, 3758262.5, 0.0, 1.5);	(407937.5, 3758237.5, 0.0, 1.5);
(407937.5, 3758212.5, 0.0, 1.5);	(407937.5, 3758187.5, 0.0, 1.5);
(407937.5, 3758162.5, 0.0, 1.5);	(407937.5, 3758137.5, 0.0, 1.5);
(407962.5, 3758512.5, 0.0, 1.5);	(407962.5, 3758487.5, 0.0, 1.5);
(407962.5, 3758462.5, 0.0, 1.5);	(407962.5, 3758437.5, 0.0, 1.5);
(407962.5, 3758412.5, 0.0, 1.5);	(407962.5, 3758387.5, 0.0, 1.5);
(407962.5, 3758362.5, 0.0, 1.5);	(407962.5, 3758337.5, 0.0, 1.5);
(407962.5, 3758312.5, 0.0, 1.5);	(407962.5, 3758287.5, 0.0, 1.5);
(407962.5, 3758262.5, 0.0, 1.5);	(407962.5, 3758237.5, 0.0, 1.5);
(407962.5, 3758212.5, 0.0, 1.5);	(407962.5, 3758187.5, 0.0, 1.5);
(407962.5, 3758162.5, 0.0, 1.5);	(407962.5, 3758137.5, 0.0, 1.5);
(407987.5, 3758512.5, 0.0, 1.5);	(407987.5, 3758487.5, 0.0, 1.5);
(407987.5, 3758462.5, 0.0, 1.5);	(407987.5, 3758437.5, 0.0, 1.5);
(407987.5, 3758412.5, 0.0, 1.5);	(407987.5, 3758387.5, 0.0, 1.5);
(407987.5, 3758362.5, 0.0, 1.5);	(407987.5, 3758337.5, 0.0, 1.5);
(407987.5, 3758312.5, 0.0, 1.5);	(407987.5, 3758287.5, 0.0, 1.5);
(407987.5, 3758262.5, 0.0, 1.5);	(407987.5, 3758237.5, 0.0, 1.5);
(407987.5, 3758212.5, 0.0, 1.5);	(407987.5, 3758187.5, 0.0, 1.5);
(407987.5, 3758162.5, 0.0, 1.5);	(407987.5, 3758137.5, 0.0, 1.5);
(408012.5, 3758512.5, 0.0, 1.5);	(408012.5, 3758487.5, 0.0, 1.5);
(408012.5, 3758462.5, 0.0, 1.5);	(408012.5, 3758437.5, 0.0, 1.5);
(408012.5, 3758412.5, 0.0, 1.5);	(408012.5, 3758387.5, 0.0, 1.5);
(408012.5, 3758362.5, 0.0, 1.5);	(408012.5, 3758337.5, 0.0, 1.5);
(408012.5, 3758312.5, 0.0, 1.5);	(408012.5, 3758287.5, 0.0, 1.5);
(408012.5, 3758262.5, 0.0, 1.5);	(408012.5, 3758237.5, 0.0, 1.5);
(408012.5, 3758212.5, 0.0, 1.5);	(408012.5, 3758187.5, 0.0, 1.5);
(408012.5, 3758162.5, 0.0, 1.5);	(408012.5, 3758137.5, 0.0, 1.5);
(408037.5, 3758512.5, 0.0, 1.5);	(408037.5, 3758487.5, 0.0, 1.5);
(408037.5, 3758462.5, 0.0, 1.5);	(408037.5, 3758437.5, 0.0, 1.5);
(408037.5, 3758412.5, 0.0, 1.5);	(408037.5, 3758387.5, 0.0, 1.5);
(408037.5, 3758362.5, 0.0, 1.5);	(408037.5, 3758337.5, 0.0, 1.5);
(408037.5, 3758312.5, 0.0, 1.5);	(408037.5, 3758287.5, 0.0, 1.5);
(408037.5, 3758262.5, 0.0, 1.5);	(408037.5, 3758237.5, 0.0, 1.5);
(408037.5, 3758212.5, 0.0, 1.5);	(408037.5, 3758187.5, 0.0, 1.5);

* *** ISCAST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

07/29/11

*** ANALYSIS ANNUAL PM emissions mitigated

12:01:02

**MODELOPTs:

CONC

URBAN ELEV FLGPOL

NOCALM

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*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(408037.5, 3758162.5, 0.0, 1.5);	(408037.5, 3758137.5, 0.0, 1.5);
(408062.5, 3758512.5, 0.0, 1.5);	(408062.5, 3758487.5, 0.0, 1.5);
(408062.5, 3758462.5, 0.0, 1.5);	(408062.5, 3758437.5, 0.0, 1.5);
(408062.5, 3758412.5, 0.0, 1.5);	(408062.5, 3758387.5, 0.0, 1.5);
(408062.5, 3758362.5, 0.0, 1.5);	(408062.5, 3758337.5, 0.0, 1.5);
(408062.5, 3758312.5, 0.0, 1.5);	(408062.5, 3758287.5, 0.0, 1.5);
(408062.5, 3758262.5, 0.0, 1.5);	(408062.5, 3758237.5, 0.0, 1.5);
(408062.5, 3758212.5, 0.0, 1.5);	(408062.5, 3758187.5, 0.0, 1.5);
(408062.5, 3758162.5, 0.0, 1.5);	(408062.5, 3758137.5, 0.0, 1.5);
(408087.5, 3758512.5, 0.0, 1.5);	(408087.5, 3758487.5, 0.0, 1.5);
(408087.5, 3758462.5, 0.0, 1.5);	(408087.5, 3758437.5, 0.0, 1.5);
(408087.5, 3758412.5, 0.0, 1.5);	(408087.5, 3758387.5, 0.0, 1.5);
(408087.5, 3758362.5, 0.0, 1.5);	(408087.5, 3758337.5, 0.0, 1.5);
(408087.5, 3758312.5, 0.0, 1.5);	(408087.5, 3758287.5, 0.0, 1.5);
(408087.5, 3758262.5, 0.0, 1.5);	(408087.5, 3758237.5, 0.0, 1.5);
(408087.5, 3758212.5, 0.0, 1.5);	(408087.5, 3758187.5, 0.0, 1.5);
(408087.5, 3758162.5, 0.0, 1.5);	(408087.5, 3758137.5, 0.0, 1.5);
(408112.5, 3758512.5, 0.0, 1.5);	(408112.5, 3758487.5, 0.0, 1.5);
(408112.5, 3758462.5, 0.0, 1.5);	(408112.5, 3758437.5, 0.0, 1.5);
(408112.5, 3758412.5, 0.0, 1.5);	(408112.5, 3758387.5, 0.0, 1.5);
(408112.5, 3758362.5, 0.0, 1.5);	(408112.5, 3758337.5, 0.0, 1.5);
(408112.5, 3758312.5, 0.0, 1.5);	(408112.5, 3758287.5, 0.0, 1.5);
(408112.5, 3758262.5, 0.0, 1.5);	(408112.5, 3758237.5, 0.0, 1.5);
(408112.5, 3758212.5, 0.0, 1.5);	(408112.5, 3758187.5, 0.0, 1.5);
(408112.5, 3758162.5, 0.0, 1.5);	(408112.5, 3758137.5, 0.0, 1.5);
(405962.5, 3758562.5, 93.0, 1.5);	(406012.5, 3758562.5, 94.6, 1.5);
(406062.5, 3758562.5, 95.6, 1.5);	(406112.5, 3758562.5, 97.0, 1.5);
(406162.5, 3758562.5, 98.3, 1.5);	(406212.5, 3758562.5, 100.1, 1.5);
(406262.5, 3758562.5, 102.3, 1.5);	(406312.5, 3758562.5, 104.1, 1.5);
(406362.5, 3758562.5, 105.2, 1.5);	(406412.5, 3758562.5, 107.0, 1.5);

Appendix B

PM Annual Emissions Mitigated

(406462.5, 3758562.5, 108.1, 1.5);	(405962.5, 3760012.5, 228.9, 1.5);		
(405962.5, 3759962.5, 226.7, 1.5);	(405962.5, 3759912.5, 220.6, 1.5);		
(405962.5, 3759862.5, 203.9, 1.5);	(405962.5, 3759812.5, 193.4, 1.5);		
(405962.5, 3759762.5, 189.1, 1.5);	(405962.5, 3759712.5, 171.9, 1.5);		
(405962.5, 3759662.5, 164.7, 1.5);	(405962.5, 3759612.5, 159.7, 1.5);		
(405962.5, 3759562.5, 157.0, 1.5);	(405962.5, 3759512.5, 160.4, 1.5);		
(405962.5, 3759462.5, 159.7, 1.5);	(405962.5, 3759412.5, 153.9, 1.5);		
(405962.5, 3759362.5, 143.8, 1.5);	(405962.5, 3759312.5, 134.1, 1.5);		
(405962.5, 3759262.5, 124.2, 1.5);	(405962.5, 3759212.5, 116.4, 1.5);		
(405962.5, 3759162.5, 114.5, 1.5);	(405962.5, 3759112.5, 112.4, 1.5);		
(405962.5, 3759062.5, 110.0, 1.5);	(405962.5, 3759012.5, 108.6, 1.5);		
(405962.5, 3758962.5, 107.3, 1.5);	(405962.5, 3758912.5, 105.1, 1.5);		
(405962.5, 3758862.5, 103.6, 1.5);	(405962.5, 3758812.5, 102.0, 1.5);		
(405962.5, 3758762.5, 99.6, 1.5);	(405962.5, 3758712.5, 98.0, 1.5);		
(405962.5, 3758662.5, 96.1, 1.5);	(405962.5, 3758612.5, 95.0, 1.5);		

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions mitigated *** 12:01:02
 MODELOPTs: * PAGE 27
 CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406012.5, 3760012.5, 227.1, 1.5);	(406012.5, 3759962.5, 216.2, 1.5);		
(406012.5, 3759912.5, 200.3, 1.5);	(406012.5, 3759862.5, 198.9, 1.5);		
(406012.5, 3759812.5, 192.1, 1.5);	(406012.5, 3759762.5, 189.3, 1.5);		
(406012.5, 3759712.5, 185.9, 1.5);	(406012.5, 3759662.5, 166.7, 1.5);		
(406012.5, 3759612.5, 163.4, 1.5);	(406012.5, 3759562.5, 160.7, 1.5);		
(406012.5, 3759512.5, 160.8, 1.5);	(406012.5, 3759462.5, 155.5, 1.5);		
(406012.5, 3759412.5, 147.6, 1.5);	(406012.5, 3759362.5, 141.4, 1.5);		
(406012.5, 3759312.5, 133.4, 1.5);	(406012.5, 3759262.5, 127.0, 1.5);		
(406012.5, 3759212.5, 116.9, 1.5);	(406012.5, 3759162.5, 116.0, 1.5);		
(406012.5, 3759112.5, 114.1, 1.5);	(406012.5, 3759062.5, 111.6, 1.5);		
(406012.5, 3759012.5, 109.6, 1.5);	(406012.5, 3758962.5, 109.1, 1.5);		
(406012.5, 3758912.5, 107.1, 1.5);	(406012.5, 3758862.5, 104.5, 1.5);		
(406012.5, 3758812.5, 102.6, 1.5);	(406012.5, 3758762.5, 101.1, 1.5);		
(406012.5, 3758712.5, 99.0, 1.5);	(406012.5, 3758662.5, 97.0, 1.5);		
(406012.5, 3758612.5, 95.6, 1.5);	(406062.5, 3760012.5, 211.4, 1.5);		
(406062.5, 3759812.5, 167.0, 1.5);	(406062.5, 3759762.5, 164.6, 1.5);		
(406062.5, 3759712.5, 168.0, 1.5);	(406062.5, 3759662.5, 160.9, 1.5);		
(406062.5, 3759612.5, 160.0, 1.5);	(406062.5, 3759562.5, 151.0, 1.5);		
(406062.5, 3759512.5, 143.5, 1.5);	(406062.5, 3759462.5, 141.4, 1.5);		
(406062.5, 3759412.5, 136.6, 1.5);	(406062.5, 3759362.5, 131.2, 1.5);		
(406062.5, 3759312.5, 129.1, 1.5);	(406062.5, 3759262.5, 120.6, 1.5);		
(406062.5, 3759212.5, 119.6, 1.5);	(406062.5, 3759162.5, 118.0, 1.5);		
(406062.5, 3759112.5, 116.0, 1.5);	(406062.5, 3759062.5, 114.0, 1.5);		
(406062.5, 3759012.5, 112.3, 1.5);	(406062.5, 3758962.5, 111.0, 1.5);		
(406062.5, 3758912.5, 108.6, 1.5);	(406062.5, 3758862.5, 106.3, 1.5);		
(406062.5, 3758812.5, 104.5, 1.5);	(406062.5, 3758762.5, 102.1, 1.5);		
(406062.5, 3758712.5, 100.1, 1.5);	(406062.5, 3758662.5, 98.1, 1.5);		
(406062.5, 3758612.5, 97.0, 1.5);	(406112.5, 3760012.5, 187.6, 1.5);		
(406112.5, 3759812.5, 147.9, 1.5);	(406112.5, 3759762.5, 147.3, 1.5);		
(406112.5, 3759712.5, 145.7, 1.5);	(406112.5, 3759662.5, 143.9, 1.5);		
(406112.5, 3759612.5, 143.0, 1.5);	(406112.5, 3759562.5, 142.0, 1.5);		
(406112.5, 3759512.5, 140.7, 1.5);	(406112.5, 3759462.5, 131.5, 1.5);		
(406112.5, 3759412.5, 128.7, 1.5);	(406112.5, 3759362.5, 127.5, 1.5);		
(406112.5, 3759312.5, 127.3, 1.5);	(406112.5, 3759262.5, 125.7, 1.5);		
(406112.5, 3759212.5, 122.1, 1.5);	(406112.5, 3759162.5, 120.1, 1.5);		
(406112.5, 3759112.5, 118.1, 1.5);	(406112.5, 3759062.5, 116.0, 1.5);		
(406112.5, 3759012.5, 115.0, 1.5);	(406112.5, 3758962.5, 112.6, 1.5);		
(406112.5, 3758912.5, 110.6, 1.5);	(406112.5, 3758862.5, 108.6, 1.5);		
(406112.5, 3758812.5, 106.0, 1.5);	(406112.5, 3758762.5, 103.6, 1.5);		
(406112.5, 3758712.5, 101.6, 1.5);	(406112.5, 3758662.5, 99.6, 1.5);		
(406112.5, 3758612.5, 98.0, 1.5);	(406162.5, 3760012.5, 159.1, 1.5);		
(406162.5, 3759812.5, 152.2, 1.5);	(406162.5, 3759462.5, 135.8, 1.5);		
(406162.5, 3759412.5, 139.3, 1.5);	(406162.5, 3759362.5, 137.3, 1.5);		
(406162.5, 3759312.5, 136.2, 1.5);	(406162.5, 3759262.5, 128.6, 1.5);		
(406162.5, 3759212.5, 124.6, 1.5);	(406162.5, 3759162.5, 122.1, 1.5);		

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions mitigated *** 12:01:02
 MODELOPTs: * PAGE 28
 CONC URBAN ELEV FLGPOL NOCALM

Appendix B

PM Annual Emissions Mitigated
 *** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406162.5, 3759112.5, 120.0, 1.5);	(406162.5, 3759062.5, 118.0, 1.5);
(406162.5, 3759012.5, 116.6, 1.5);	(406162.5, 3758962.5, 115.1, 1.5);
(406162.5, 3758912.5, 112.0, 1.5);	(406162.5, 3758862.5, 110.0, 1.5);
(406162.5, 3758812.5, 107.4, 1.5);	(406162.5, 3758762.5, 104.6, 1.5);
(406162.5, 3758712.5, 102.4, 1.5);	(406162.5, 3758662.5, 101.0, 1.5);
(406162.5, 3758612.5, 99.2, 1.5);	(406212.5, 3759412.5, 147.3, 1.5);
(406212.5, 3759362.5, 144.6, 1.5);	(406212.5, 3759312.5, 138.4, 1.5);
(406212.5, 3759262.5, 132.1, 1.5);	(406212.5, 3759212.5, 126.6, 1.5);
(406212.5, 3759162.5, 123.6, 1.5);	(406212.5, 3759112.5, 121.6, 1.5);
(406212.5, 3759062.5, 120.0, 1.5);	(406212.5, 3759012.5, 117.6, 1.5);
(406212.5, 3758962.5, 116.0, 1.5);	(406212.5, 3758912.5, 113.1, 1.5);
(406212.5, 3758862.5, 110.6, 1.5);	(406212.5, 3758812.5, 108.4, 1.5);
(406212.5, 3758762.5, 105.1, 1.5);	(406212.5, 3758712.5, 103.1, 1.5);
(406212.5, 3758662.5, 102.0, 1.5);	(406212.5, 3758612.5, 101.1, 1.5);
(406262.5, 3759412.5, 152.2, 1.5);	(406262.5, 3759362.5, 144.2, 1.5);
(406262.5, 3759312.5, 138.1, 1.5);	(406262.5, 3759262.5, 134.1, 1.5);
(406262.5, 3759212.5, 128.4, 1.5);	(406262.5, 3759162.5, 125.5, 1.5);
(406262.5, 3759112.5, 123.0, 1.5);	(406262.5, 3759062.5, 121.0, 1.5);
(406262.5, 3759012.5, 118.0, 1.5);	(406262.5, 3758962.5, 116.0, 1.5);
(406262.5, 3758912.5, 113.4, 1.5);	(406262.5, 3758862.5, 110.5, 1.5);
(406262.5, 3758812.5, 108.4, 1.5);	(406262.5, 3758762.5, 106.0, 1.5);
(406262.5, 3758712.5, 104.6, 1.5);	(406262.5, 3758662.5, 103.1, 1.5);
(406262.5, 3758612.5, 102.6, 1.5);	(406312.5, 3759412.5, 155.0, 1.5);
(406312.5, 3759362.5, 149.0, 1.5);	(406312.5, 3759312.5, 139.7, 1.5);
(406312.5, 3759262.5, 135.5, 1.5);	(406312.5, 3759212.5, 130.5, 1.5);
(406312.5, 3759162.5, 126.6, 1.5);	(406312.5, 3759112.5, 123.4, 1.5);
(406312.5, 3759062.5, 121.0, 1.5);	(406312.5, 3759012.5, 118.4, 1.5);
(406312.5, 3758962.5, 115.5, 1.5);	(406312.5, 3758912.5, 113.0, 1.5);
(406312.5, 3758862.5, 111.0, 1.5);	(406312.5, 3758812.5, 109.0, 1.5);
(406312.5, 3758762.5, 107.0, 1.5);	(406312.5, 3758712.5, 105.1, 1.5);
(406312.5, 3758662.5, 104.6, 1.5);	(406312.5, 3758612.5, 104.2, 1.5);
(406362.5, 3759412.5, 148.7, 1.5);	(406362.5, 3759362.5, 146.9, 1.5);
(406362.5, 3759312.5, 139.4, 1.5);	(406362.5, 3759262.5, 134.3, 1.5);
(406362.5, 3759212.5, 131.0, 1.5);	(406362.5, 3759162.5, 127.1, 1.5);
(406362.5, 3759112.5, 124.1, 1.5);	(406362.5, 3759062.5, 121.4, 1.5);
(406362.5, 3759012.5, 118.6, 1.5);	(406362.5, 3758962.5, 116.0, 1.5);
(406362.5, 3758912.5, 113.4, 1.5);	(406362.5, 3758862.5, 110.3, 1.5);
(406362.5, 3758812.5, 108.7, 1.5);	(406362.5, 3758762.5, 107.6, 1.5);
(406362.5, 3758712.5, 107.0, 1.5);	(406362.5, 3758662.5, 106.6, 1.5);
(406362.5, 3758612.5, 106.0, 1.5);	(406412.5, 3759312.5, 138.0, 1.5);
(406412.5, 3759262.5, 135.0, 1.5);	(406412.5, 3759212.5, 131.6, 1.5);
(406412.5, 3759162.5, 127.4, 1.5);	(406412.5, 3759112.5, 124.4, 1.5);
(406412.5, 3759062.5, 121.8, 1.5);	(406412.5, 3759012.5, 119.5, 1.5);
(406412.5, 3758962.5, 116.4, 1.5);	(406412.5, 3758912.5, 113.4, 1.5);
(406412.5, 3758862.5, 109.3, 1.5);	(406412.5, 3758812.5, 108.6, 1.5);

• *** ISCS3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions mitigated

*** 07/29/11
 *** 12:01:02
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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406412.5, 3758762.5, 108.6, 1.5);	(406412.5, 3758712.5, 109.0, 1.5);
(406412.5, 3758662.5, 109.0, 1.5);	(406412.5, 3758612.5, 108.0, 1.5);
(406462.5, 3759312.5, 138.0, 1.5);	(406462.5, 3759262.5, 135.1, 1.5);
(406462.5, 3759212.5, 131.4, 1.5);	(406462.5, 3759162.5, 127.4, 1.5);
(406462.5, 3759112.5, 124.4, 1.5);	(406462.5, 3759062.5, 121.0, 1.5);
(406462.5, 3759012.5, 119.5, 1.5);	(406462.5, 3758962.5, 117.1, 1.5);
(406462.5, 3758912.5, 114.7, 1.5);	(406462.5, 3758862.5, 110.2, 1.5);
(406462.5, 3758812.5, 109.6, 1.5);	(406462.5, 3758762.5, 110.6, 1.5);
(406462.5, 3758712.5, 110.6, 1.5);	(406462.5, 3758662.5, 110.0, 1.5);
(406462.5, 3758612.5, 109.0, 1.5);	(406512.5, 3759262.5, 136.0, 1.5);
(406512.5, 3759212.5, 132.1, 1.5);	(406512.5, 3759162.5, 127.4, 1.5);
(406512.5, 3759112.5, 125.0, 1.5);	(406512.5, 3759062.5, 122.6, 1.5);
(406512.5, 3759012.5, 120.1, 1.5);	(406512.5, 3758962.5, 117.3, 1.5);
(406512.5, 3758912.5, 115.5, 1.5);	(406512.5, 3758862.5, 113.3, 1.5);
(406512.5, 3758812.5, 114.2, 1.5);	(406512.5, 3758762.5, 113.6, 1.5);
(406512.5, 3758712.5, 113.0, 1.5);	(406512.5, 3758662.5, 112.0, 1.5);
(406512.5, 3758612.5, 110.6, 1.5);	(406537.5, 3758562.5, 110.0, 1.5);

Appendix B

				PM Annual Emissions Mitigated			
(408062.5, 3758612.5,	0.0,	1.5);	(408087.5, 3758562.5,	0.0,	1.5);		
(408112.5, 3758612.5,	0.0,	1.5);	(405962.5, 3758537.5,	92.3,	1.5);		
(405987.5, 3758562.5,	93.8,	1.5);	(406037.5, 3758562.5,	95.0,	1.5);		
(406087.5, 3758562.5,	96.0,	1.5);	(406137.5, 3758562.5,	97.9,	1.5);		
(406187.5, 3758562.5,	99.0,	1.5);	(406237.5, 3758562.5,	101.3,	1.5);		
(406287.5, 3758562.5,	103.4,	1.5);	(406337.5, 3758562.5,	105.0,	1.5);		
(406387.5, 3758562.5,	106.0,	1.5);	(406437.5, 3758562.5,	107.7,	1.5);		

• *** ISCS T3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions mitigated *** 12:01:02
 **MODELOPTs: PAGE 31

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406487.5, 3758562.5,	109.0,	1.5);	(406537.5, 3758537.5,	109.0,	1.5);
(406587.5, 3758537.5,	109.7,	1.5);	(406637.5, 3758537.5,	109.0,	1.5);
(406687.5, 3758537.5,	110.0,	1.5);	(406737.5, 3758537.5,	109.9,	1.5);
(406787.5, 3758537.5,	110.0,	1.5);	(406837.5, 3758537.5,	111.0,	1.5);
(406887.5, 3758537.5,	113.7,	1.5);	(406937.5, 3758537.5,	116.0,	1.5);
(406987.5, 3758537.5,	120.8,	1.5);	(407037.5, 3758537.5,	122.0,	1.5);
(407087.5, 3758537.5,	124.8,	1.5);	(407137.5, 3758537.5,	128.8,	1.5);
(407187.5, 3758537.5,	137.7,	1.5);	(407237.5, 3758537.5,	141.0,	1.5);
(407287.5, 3758537.5,	143.8,	1.5);	(407337.5, 3758537.5,	147.0,	1.5);
(407387.5, 3758537.5,	148.8,	1.5);	(407437.5, 3758537.5,	153.5,	1.5);
(407487.5, 3758537.5,	155.4,	1.5);	(407537.5, 3758537.5,	0.0,	1.5);
(407587.5, 3758537.5,	0.0,	1.5);	(407637.5, 3758537.5,	0.0,	1.5);
(407687.5, 3758537.5,	0.0,	1.5);	(407737.5, 3758537.5,	0.0,	1.5);
(407787.5, 3758537.5,	0.0,	1.5);	(407837.5, 3758537.5,	0.0,	1.5);
(407887.5, 3758537.5,	0.0,	1.5);	(407937.5, 3758537.5,	0.0,	1.5);
(407987.5, 3758537.5,	0.0,	1.5);	(408037.5, 3758537.5,	0.0,	1.5);
(408087.5, 3758537.5,	0.0,	1.5);	(405962.5, 3759987.5,	229.9,	1.5);
(405962.5, 3759937.5,	223.6,	1.5);	(405962.5, 3759887.5,	214.8,	1.5);
(405962.5, 3759837.5,	195.5,	1.5);	(405962.5, 3759787.5,	191.6,	1.5);
(405962.5, 3759737.5,	188.7,	1.5);	(405962.5, 3759687.5,	167.2,	1.5);
(405962.5, 3759637.5,	162.2,	1.5);	(405962.5, 3759587.5,	157.2,	1.5);
(405962.5, 3759537.5,	159.3,	1.5);	(405962.5, 3759487.5,	159.3,	1.5);
(405962.5, 3759437.5,	157.2,	1.5);	(405962.5, 3759387.5,	148.9,	1.5);
(405962.5, 3759337.5,	138.2,	1.5);	(405962.5, 3759287.5,	128.2,	1.5);
(405962.5, 3759237.5,	120.2,	1.5);	(405962.5, 3759187.5,	115.0,	1.5);
(405962.5, 3759137.5,	113.9,	1.5);	(405962.5, 3759087.5,	112.0,	1.5);
(405962.5, 3759037.5,	109.0,	1.5);	(405962.5, 3758987.5,	108.0,	1.5);
(405962.5, 3758937.5,	106.3,	1.5);	(405962.5, 3758887.5,	104.9,	1.5);
(405962.5, 3758837.5,	103.0,	1.5);	(405962.5, 3758787.5,	100.9,	1.5);
(405962.5, 3758737.5,	98.9,	1.5);	(405962.5, 3758687.5,	97.0,	1.5);
(405962.5, 3758637.5,	95.0,	1.5);	(406012.5, 3759987.5,	224.1,	1.5);
(406012.5, 3759937.5,	203.5,	1.5);	(406012.5, 3759887.5,	201.9,	1.5);
(406012.5, 3759837.5,	196.6,	1.5);	(406012.5, 3759787.5,	190.7,	1.5);
(406012.5, 3759737.5,	190.4,	1.5);	(406012.5, 3759687.5,	169.9,	1.5);
(406012.5, 3759637.5,	165.9,	1.5);	(406012.5, 3759587.5,	161.0,	1.5);
(406012.5, 3759537.5,	161.0,	1.5);	(406012.5, 3759487.5,	159.1,	1.5);
(406012.5, 3759437.5,	150.2,	1.5);	(406012.5, 3759387.5,	146.3,	1.5);
(406012.5, 3759337.5,	137.4,	1.5);	(406012.5, 3759287.5,	129.9,	1.5);
(406012.5, 3759237.5,	121.6,	1.5);	(406012.5, 3759187.5,	116.3,	1.5);
(406012.5, 3759137.5,	115.2,	1.5);	(406012.5, 3759087.5,	113.0,	1.5);
(406012.5, 3759037.5,	110.2,	1.5);	(406012.5, 3758987.5,	110.0,	1.5);
(406012.5, 3758937.5,	108.2,	1.5);	(406012.5, 3758887.5,	105.9,	1.5);
(406012.5, 3758837.5,	103.0,	1.5);	(406012.5, 3758787.5,	102.0,	1.5);
(406012.5, 3758737.5,	99.9,	1.5);	(406012.5, 3758687.5,	98.0,	1.5);
(406012.5, 3758637.5,	96.3,	1.5);	(406062.5, 3759987.5,	209.4,	1.5);

• *** ISCS T3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions mitigated *** 12:01:02
 **MODELOPTs: PAGE 32

CONC URBAN ELEV FLGPOL NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406062.5, 3759837.5,	177.7,	1.5);	(406062.5, 3759787.5,	171.7,	1.5);
(406062.5, 3759737.5,	166.3,	1.5);	(406062.5, 3759687.5,	167.2,	1.5);
(406062.5, 3759637.5,	161.1,	1.5);	(406062.5, 3759587.5,	157.8,	1.5);
(406062.5, 3759537.5,	146.4,	1.5);	(406062.5, 3759487.5,	142.0,	1.5);

Appendix B

PM Annual Emissions Mitigated

(406062.5, 3759437.5, 138.4, 1.5);	(406062.5, 3759387.5, 133.4, 1.5);
(406062.5, 3759337.5, 129.4, 1.5);	(406062.5, 3759287.5, 126.4, 1.5);
(406062.5, 3759237.5, 120.0, 1.5);	(406062.5, 3759187.5, 119.0, 1.5);
(406062.5, 3759137.5, 117.0, 1.5);	(406062.5, 3759087.5, 114.9, 1.5);
(406062.5, 3759037.5, 113.0, 1.5);	(406062.5, 3758987.5, 112.0, 1.5);
(406062.5, 3758937.5, 109.0, 1.5);	(406062.5, 3758887.5, 107.3, 1.5);
(406062.5, 3758837.5, 105.0, 1.5);	(406062.5, 3758787.5, 103.0, 1.5);
(406062.5, 3758737.5, 101.3, 1.5);	(406062.5, 3758687.5, 99.0, 1.5);
(406062.5, 3758637.5, 98.0, 1.5);	(406112.5, 3759987.5, 180.6, 1.5);
(406112.5, 3759837.5, 149.0, 1.5);	(406112.5, 3759787.5, 147.9, 1.5);
(406112.5, 3759737.5, 145.7, 1.5);	(406112.5, 3759687.5, 145.0, 1.5);
(406112.5, 3759637.5, 143.0, 1.5);	(406112.5, 3759587.5, 143.0, 1.5);
(406112.5, 3759537.5, 141.7, 1.5);	(406112.5, 3759487.5, 136.8, 1.5);
(406112.5, 3759437.5, 129.9, 1.5);	(406112.5, 3759387.5, 127.3, 1.5);
(406112.5, 3759337.5, 128.5, 1.5);	(406112.5, 3759287.5, 127.5, 1.5);
(406112.5, 3759237.5, 123.2, 1.5);	(406112.5, 3759187.5, 121.2, 1.5);
(406112.5, 3759137.5, 119.0, 1.5);	(406112.5, 3759087.5, 117.0, 1.5);
(406112.5, 3759037.5, 115.2, 1.5);	(406112.5, 3758987.5, 114.0, 1.5);
(406112.5, 3758937.5, 111.3, 1.5);	(406112.5, 3758887.5, 109.2, 1.5);
(406112.5, 3758837.5, 107.3, 1.5);	(406112.5, 3758787.5, 104.9, 1.5);
(406112.5, 3758737.5, 102.3, 1.5);	(406112.5, 3758687.5, 100.9, 1.5);
(406112.5, 3758637.5, 99.0, 1.5);	(406162.5, 3759987.5, 155.4, 1.5);
(406162.5, 3759837.5, 153.4, 1.5);	(406162.5, 3759787.5, 154.2, 1.5);
(406162.5, 3759437.5, 137.1, 1.5);	(406162.5, 3759387.5, 138.5, 1.5);
(406162.5, 3759337.5, 137.8, 1.5);	(406162.5, 3759287.5, 132.2, 1.5);
(406162.5, 3759237.5, 126.2, 1.5);	(406162.5, 3759187.5, 123.2, 1.5);
(406162.5, 3759137.5, 120.9, 1.5);	(406162.5, 3759087.5, 119.0, 1.5);
(406162.5, 3759037.5, 117.3, 1.5);	(406162.5, 3758987.5, 116.0, 1.5);
(406162.5, 3758937.5, 113.2, 1.5);	(406162.5, 3758887.5, 111.0, 1.5);
(406162.5, 3758837.5, 109.0, 1.5);	(406162.5, 3758787.5, 105.9, 1.5);
(406162.5, 3758737.5, 103.0, 1.5);	(406162.5, 3758687.5, 102.0, 1.5);
(406162.5, 3758637.5, 100.0, 1.5);	(406212.5, 3759437.5, 151.9, 1.5);
(406212.5, 3759387.5, 147.2, 1.5);	(406212.5, 3759337.5, 141.0, 1.5);
(406212.5, 3759287.5, 134.9, 1.5);	(406212.5, 3759237.5, 128.2, 1.5);
(406212.5, 3759187.5, 125.0, 1.5);	(406212.5, 3759137.5, 123.0, 1.5);
(406212.5, 3759087.5, 120.9, 1.5);	(406212.5, 3759037.5, 118.9, 1.5);
(406212.5, 3758987.5, 117.0, 1.5);	(406212.5, 3758937.5, 114.9, 1.5);
(406212.5, 3758887.5, 112.0, 1.5);	(406212.5, 3758837.5, 109.2, 1.5);
(406212.5, 3758787.5, 107.0, 1.5);	(406212.5, 3758737.5, 104.0, 1.5);
(406212.5, 3758687.5, 103.0, 1.5);	(406212.5, 3758637.5, 102.0, 1.5);
(406262.5, 3759437.5, 153.2, 1.5);	(406262.5, 3759387.5, 149.5, 1.5);

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT ***
 MODELOPTs: * ANALYSIS ANNUAL PM emissions mitigated
 CONC URBAN ELEV FLGPOL NOCALM

*** 07/29/11
 *** 12:01:02
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*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(406262.5, 3759337.5, 139.9, 1.5);	(406262.5, 3759287.5, 135.9, 1.5);
(406262.5, 3759237.5, 131.2, 1.5);	(406262.5, 3759187.5, 126.9, 1.5);
(406262.5, 3759137.5, 124.0, 1.5);	(406262.5, 3759087.5, 122.0, 1.5);
(406262.5, 3759037.5, 119.9, 1.5);	(406262.5, 3758987.5, 117.0, 1.5);
(406262.5, 3758937.5, 114.9, 1.5);	(406262.5, 3758887.5, 112.0, 1.5);
(406262.5, 3758837.5, 109.7, 1.5);	(406262.5, 3758787.5, 108.0, 1.5);
(406262.5, 3758737.5, 105.0, 1.5);	(406262.5, 3758687.5, 104.0, 1.5);
(406262.5, 3758637.5, 103.0, 1.5);	(406312.5, 3759437.5, 155.9, 1.5);
(406312.5, 3759387.5, 153.9, 1.5);	(406312.5, 3759337.5, 144.2, 1.5);
(406312.5, 3759287.5, 138.0, 1.5);	(406312.5, 3759237.5, 133.0, 1.5);
(406312.5, 3759187.5, 128.0, 1.5);	(406312.5, 3759137.5, 124.9, 1.5);
(406312.5, 3759087.5, 122.0, 1.5);	(406312.5, 3759037.5, 119.9, 1.5);
(406312.5, 3758987.5, 117.0, 1.5);	(406312.5, 3758937.5, 114.0, 1.5);
(406312.5, 3758887.5, 112.0, 1.5);	(406312.5, 3758837.5, 109.9, 1.5);
(406312.5, 3758787.5, 108.0, 1.5);	(406312.5, 3758737.5, 106.0, 1.5);
(406312.5, 3758687.5, 105.0, 1.5);	(406312.5, 3758637.5, 104.2, 1.5);
(406362.5, 3759437.5, 151.1, 1.5);	(406362.5, 3759387.5, 148.1, 1.5);
(406362.5, 3759337.5, 143.6, 1.5);	(406362.5, 3759287.5, 136.9, 1.5);
(406362.5, 3759237.5, 133.0, 1.5);	(406362.5, 3759187.5, 128.9, 1.5);
(406362.5, 3759137.5, 125.9, 1.5);	(406362.5, 3759087.5, 123.0, 1.5);
(406362.5, 3759037.5, 120.0, 1.5);	(406362.5, 3758987.5, 117.0, 1.5);
(406362.5, 3758937.5, 114.9, 1.5);	(406362.5, 3758887.5, 111.7, 1.5);
(406362.5, 3758837.5, 109.0, 1.5);	(406362.5, 3758787.5, 108.0, 1.5);
(406362.5, 3758737.5, 107.3, 1.5);	(406362.5, 3758687.5, 107.0, 1.5);
(406362.5, 3758637.5, 106.0, 1.5);	(406412.5, 3759337.5, 138.9, 1.5);

Appendix B

PM Annual Emissions Mitigated

*** ANALYSIS ANNUAL PM emissions mitigated

12:01:02

**MODELOPTs:

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CONC URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(407462.5, 3758587.5, 155.0, 1.5);	(407512.5, 3758637.5, 146.7, 1.5);
(407512.5, 3758587.5, 146.1, 1.5);	(407562.5, 3758637.5, 0.0, 1.5);
(407562.5, 3758587.5, 0.0, 1.5);	(407612.5, 3758637.5, 0.0, 1.5);
(407612.5, 3758587.5, 0.0, 1.5);	(407662.5, 3758637.5, 0.0, 1.5);
(407662.5, 3758587.5, 0.0, 1.5);	(407712.5, 3758637.5, 0.0, 1.5);
(407712.5, 3758587.5, 0.0, 1.5);	(407762.5, 3758637.5, 0.0, 1.5);
(407762.5, 3758587.5, 0.0, 1.5);	(407812.5, 3758637.5, 0.0, 1.5);
(407812.5, 3758587.5, 0.0, 1.5);	(407862.5, 3758637.5, 0.0, 1.5);
(407862.5, 3758587.5, 0.0, 1.5);	(407912.5, 3758637.5, 0.0, 1.5);
(407912.5, 3758587.5, 0.0, 1.5);	(407962.5, 3758637.5, 0.0, 1.5);
(407962.5, 3758587.5, 0.0, 1.5);	(408012.5, 3758637.5, 0.0, 1.5);
(408012.5, 3758587.5, 0.0, 1.5);	(408062.5, 3758637.5, 0.0, 1.5);
(408062.5, 3758587.5, 0.0, 1.5);	(408112.5, 3758637.5, 0.0, 1.5);
(408112.5, 3758587.5, 0.0, 1.5);	(405987.5, 3758537.5, 93.0, 1.5);
(406012.5, 3758537.5, 94.0, 1.5);	(406037.5, 3758537.5, 94.7, 1.5);
(406062.5, 3758537.5, 95.0, 1.5);	(406087.5, 3758537.5, 96.0, 1.5);
(406112.5, 3758537.5, 96.3, 1.5);	(406137.5, 3758537.5, 97.0, 1.5);
(406162.5, 3758537.5, 98.0, 1.5);	(406187.5, 3758537.5, 98.8, 1.5);
(406212.5, 3758537.5, 99.9, 1.5);	(406237.5, 3758537.5, 100.8, 1.5);
(406262.5, 3758537.5, 102.0, 1.5);	(406287.5, 3758537.5, 103.0, 1.5);
(406312.5, 3758537.5, 104.0, 1.5);	(406337.5, 3758537.5, 104.7, 1.5);
(406362.5, 3758537.5, 105.0, 1.5);	(406387.5, 3758537.5, 105.7, 1.5);
(406412.5, 3758537.5, 106.0, 1.5);	(406437.5, 3758537.5, 107.0, 1.5);
(406462.5, 3758537.5, 108.0, 1.5);	(406487.5, 3758537.5, 108.0, 1.5);
(406512.5, 3758537.5, 109.0, 1.5);	(406562.5, 3758537.5, 109.0, 1.5);
(406612.5, 3758537.5, 109.9, 1.5);	(406662.5, 3758537.5, 109.0, 1.5);
(406712.5, 3758537.5, 109.9, 1.5);	(406762.5, 3758537.5, 109.0, 1.5);
(406812.5, 3758537.5, 110.0, 1.5);	(406862.5, 3758537.5, 111.3, 1.5);
(406912.5, 3758537.5, 114.9, 1.5);	(406962.5, 3758537.5, 118.5, 1.5);
(407012.5, 3758537.5, 122.0, 1.5);	(407062.5, 3758537.5, 123.0, 1.5);
(407112.5, 3758537.5, 127.0, 1.5);	(407162.5, 3758537.5, 130.0, 1.5);
(407212.5, 3758537.5, 141.0, 1.5);	(407262.5, 3758537.5, 142.0, 1.5);
(407312.5, 3758537.5, 147.0, 1.5);	(407362.5, 3758537.5, 147.3, 1.5);
(407412.5, 3758537.5, 151.2, 1.5);	(407462.5, 3758537.5, 158.3, 1.5);
(407512.5, 3758537.5, 148.4, 1.5);	(407562.5, 3758537.5, 0.0, 1.5);
(407612.5, 3758537.5, 0.0, 1.5);	(407662.5, 3758537.5, 0.0, 1.5);
(407712.5, 3758537.5, 0.0, 1.5);	(407762.5, 3758537.5, 0.0, 1.5);
(407812.5, 3758537.5, 0.0, 1.5);	(407862.5, 3758537.5, 0.0, 1.5);
(407912.5, 3758537.5, 0.0, 1.5);	(407962.5, 3758537.5, 0.0, 1.5);
(408012.5, 3758537.5, 0.0, 1.5);	(408062.5, 3758537.5, 0.0, 1.5);
(408112.5, 3758537.5, 0.0, 1.5);	(405962.5, 3758587.5, 94.0, 1.5);
(406012.5, 3758587.5, 95.0, 1.5);	(406062.5, 3758587.5, 96.0, 1.5);
(406112.5, 3758587.5, 97.0, 1.5);	(406162.5, 3758587.5, 99.0, 1.5);
(406212.5, 3758587.5, 100.9, 1.5);	(406262.5, 3758587.5, 102.3, 1.5);
(406312.5, 3758587.5, 104.2, 1.5);	(406362.5, 3758587.5, 105.2, 1.5);

• *** ISCSST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

07/29/11

*** ANALYSIS ANNUAL PM emissions mitigated

12:01:02

**MODELOPTs:

PAGE 36

CONC URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(406412.5, 3758587.5, 107.0, 1.5);	(406462.5, 3758587.5, 109.0, 1.5);
(406512.5, 3758587.5, 110.0, 1.5);	(405987.5, 3760012.5, 229.9, 1.5);
(405987.5, 3759962.5, 223.9, 1.5);	(405987.5, 3759912.5, 217.2, 1.5);
(405987.5, 3759862.5, 205.0, 1.5);	(405987.5, 3759812.5, 194.2, 1.5);
(405987.5, 3759762.5, 190.0, 1.5);	(405987.5, 3759712.5, 179.8, 1.5);
(405987.5, 3759662.5, 165.8, 1.5);	(405987.5, 3759612.5, 161.8, 1.5);
(405987.5, 3759562.5, 160.3, 1.5);	(405987.5, 3759512.5, 162.0, 1.5);
(405987.5, 3759462.5, 161.3, 1.5);	(405987.5, 3759412.5, 153.1, 1.5);
(405987.5, 3759362.5, 143.5, 1.5);	(405987.5, 3759312.5, 134.9, 1.5);
(405987.5, 3759262.5, 126.7, 1.5);	(405987.5, 3759212.5, 116.1, 1.5);
(405987.5, 3759162.5, 115.0, 1.5);	(405987.5, 3759112.5, 113.4, 1.5);
(405987.5, 3759062.5, 110.9, 1.5);	(405987.5, 3759012.5, 109.0, 1.5);

Appendix B

				PM Annual Emissions Mitigated			
(406337.5, 3759312.5, 140.9, 1.5);	(406337.5, 3759262.5, 135.5, 1.5);						
(406337.5, 3759212.5, 130.5, 1.5);	(406337.5, 3759162.5, 127.3, 1.5);						
(406337.5, 3759112.5, 123.4, 1.5);	(406337.5, 3759062.5, 121.0, 1.5);						
(406337.5, 3759012.5, 118.4, 1.5);	(406337.5, 3758962.5, 115.5, 1.5);						
(406337.5, 3758912.5, 113.0, 1.5);	(406337.5, 3758862.5, 110.6, 1.5);						
(406337.5, 3758812.5, 109.0, 1.5);	(406337.5, 3758762.5, 107.0, 1.5);						
(406337.5, 3758712.5, 106.0, 1.5);	(406337.5, 3758662.5, 105.8, 1.5);						
(406387.5, 3759362.5, 141.9, 1.5);	(406387.5, 3759312.5, 138.7, 1.5);						
(406387.5, 3759262.5, 134.3, 1.5);	(406387.5, 3759212.5, 131.4, 1.5);						
(406387.5, 3759162.5, 127.4, 1.5);	(406387.5, 3759112.5, 124.4, 1.5);						
(406387.5, 3759062.5, 122.0, 1.5);	(406387.5, 3759012.5, 119.0, 1.5);						
(406387.5, 3758962.5, 116.3, 1.5);	(406387.5, 3758912.5, 113.4, 1.5);						
* *** ISCST3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT	***	07/29/11				
MODELOPTs:	* ANALYSIS ANNUAL PM emissions mitigated	***	12:01:02				
CONC	URBAN ELEV FLGPOL		PAGE 38				
*** DISCRETE CARTESIAN RECEPTORS ***							
(X-COORD, Y-COORD, ZELEV, ZFLAG)							
(METERS)							
(406387.5, 3758862.5, 109.5, 1.5);	(406387.5, 3758812.5, 108.0, 1.5);						
(406387.5, 3758762.5, 108.0, 1.5);	(406387.5, 3758712.5, 108.0, 1.5);						
(406387.5, 3758662.5, 107.7, 1.5);	(406437.5, 3759312.5, 137.4, 1.5);						
(406437.5, 3759262.5, 135.1, 1.5);	(406437.5, 3759212.5, 131.9, 1.5);						
(406437.5, 3759162.5, 127.4, 1.5);	(406437.5, 3759112.5, 124.4, 1.5);						
(406437.5, 3759062.5, 121.4, 1.5);	(406437.5, 3759012.5, 119.5, 1.5);						
(406437.5, 3758962.5, 117.0, 1.5);	(406437.5, 3758912.5, 114.2, 1.5);						
(406437.5, 3758862.5, 109.3, 1.5);	(406437.5, 3758812.5, 109.0, 1.5);						
(406437.5, 3758762.5, 109.0, 1.5);	(406437.5, 3758712.5, 109.4, 1.5);						
(406437.5, 3758662.5, 109.0, 1.5);	(406487.5, 3759312.5, 138.3, 1.5);						
(406487.5, 3759262.5, 135.5, 1.5);	(406487.5, 3759212.5, 131.4, 1.5);						
(406487.5, 3759162.5, 127.1, 1.5);	(406487.5, 3759112.5, 124.4, 1.5);						
(406487.5, 3759062.5, 121.9, 1.5);	(406487.5, 3759012.5, 119.8, 1.5);						
(406487.5, 3758962.5, 117.4, 1.5);	(406487.5, 3758912.5, 115.5, 1.5);						
(406487.5, 3758862.5, 111.9, 1.5);	(406487.5, 3758812.5, 111.3, 1.5);						
(406487.5, 3758762.5, 112.0, 1.5);	(406487.5, 3758712.5, 112.0, 1.5);						
(406487.5, 3758662.5, 111.0, 1.5);	(406537.5, 3759262.5, 136.4, 1.5);						
(406537.5, 3759212.5, 132.4, 1.5);	(406537.5, 3759162.5, 128.4, 1.5);						
(406537.5, 3759112.5, 125.9, 1.5);	(406537.5, 3759062.5, 123.0, 1.5);						
(406537.5, 3759012.5, 120.9, 1.5);	(406537.5, 3758962.5, 117.0, 1.5);						
(406537.5, 3758912.5, 115.0, 1.5);	(406537.5, 3758862.5, 115.4, 1.5);						
(406537.5, 3758812.5, 115.9, 1.5);	(406537.5, 3758762.5, 115.0, 1.5);						
(406537.5, 3758712.5, 114.0, 1.5);	(406537.5, 3758662.5, 112.9, 1.5);						
(406587.5, 3759212.5, 134.8, 1.5);	(406587.5, 3759162.5, 131.2, 1.5);						
(406587.5, 3759112.5, 127.3, 1.5);	(406587.5, 3759062.5, 124.4, 1.5);						
(406587.5, 3759012.5, 121.4, 1.5);	(406587.5, 3758962.5, 118.8, 1.5);						
(406587.5, 3758912.5, 118.8, 1.5);	(406587.5, 3758862.5, 119.3, 1.5);						
(406587.5, 3758812.5, 118.0, 1.5);	(406587.5, 3758762.5, 116.9, 1.5);						
(406587.5, 3758712.5, 115.9, 1.5);	(406587.5, 3758662.5, 114.3, 1.5);						
(406587.5, 3758612.5, 112.0, 1.5);	(406637.5, 3759212.5, 137.3, 1.5);						
(406637.5, 3759162.5, 133.4, 1.5);	(406637.5, 3759112.5, 129.4, 1.5);						
(406637.5, 3759062.5, 126.4, 1.5);	(406637.5, 3759012.5, 121.9, 1.5);						
(406637.5, 3758962.5, 122.9, 1.5);	(406637.5, 3758912.5, 122.7, 1.5);						
(406637.5, 3758862.5, 121.9, 1.5);	(406637.5, 3758812.5, 120.0, 1.5);						
(406637.5, 3758762.5, 118.0, 1.5);	(406637.5, 3758712.5, 116.9, 1.5);						
(406637.5, 3758662.5, 113.6, 1.5);	(406687.5, 3759162.5, 133.6, 1.5);						
(406687.5, 3759112.5, 128.0, 1.5);	(406687.5, 3759062.5, 128.7, 1.5);						
(406687.5, 3759012.5, 127.3, 1.5);	(406687.5, 3758962.5, 126.7, 1.5);						
(406687.5, 3758912.5, 125.5, 1.5);	(406687.5, 3758862.5, 123.0, 1.5);						
(406687.5, 3758762.5, 118.0, 1.5);	(406737.5, 3759112.5, 133.7, 1.5);						
(406737.5, 3759062.5, 136.5, 1.5);	(406737.5, 3759012.5, 132.2, 1.5);						
(406737.5, 3758962.5, 129.4, 1.5);	(406737.5, 3758912.5, 125.5, 1.5);						
(406737.5, 3758662.5, 117.7, 1.5);	(406737.5, 3758612.5, 116.0, 1.5);						
(406787.5, 3759012.5, 134.8, 1.5);	(406787.5, 3758962.5, 129.4, 1.5);						
(406787.5, 3758712.5, 120.6, 1.5);	(406787.5, 3758662.5, 119.3, 1.5);						
* *** ISCST3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT	***	07/29/11				
MODELOPTs:	* ANALYSIS ANNUAL PM emissions mitigated	***	12:01:02				
CONC	URBAN ELEV FLGPOL		PAGE 39				
*** DISCRETE CARTESIAN RECEPTORS ***							
(X-COORD, Y-COORD, ZELEV, ZFLAG)							
(METERS)							

Appendix B

PM Annual Emissions Mitigated

(406787.5, 3758612.5,	115.8,	1.5);	(406837.5, 3758712.5,	123.0,	1.5);		
(406837.5, 3758662.5,	120.5,	1.5);	(406837.5, 3758612.5,	116.6,	1.5);		
(406887.5, 3758762.5,	125.3,	1.5);	(406887.5, 3758712.5,	122.4,	1.5);		
(406887.5, 3758662.5,	119.5,	1.5);	(406887.5, 3758612.5,	112.6,	1.5);		
(406937.5, 3758762.5,	125.5,	1.5);	(406937.5, 3758712.5,	121.4,	1.5);		
(406937.5, 3758662.5,	117.6,	1.5);	(406937.5, 3758612.5,	115.4,	1.5);		
(406987.5, 3758712.5,	121.9,	1.5);	(406987.5, 3758662.5,	116.4,	1.5);		
(406987.5, 3758612.5,	116.4,	1.5);	(407037.5, 3758712.5,	121.4,	1.5);		
(407037.5, 3758662.5,	115.1,	1.5);	(407037.5, 3758612.5,	119.3,	1.5);		
(407087.5, 3758662.5,	116.7,	1.5);	(407087.5, 3758612.5,	122.9,	1.5);		
(407137.5, 3758662.5,	123.3,	1.5);	(407137.5, 3758612.5,	125.8,	1.5);		
(407187.5, 3758662.5,	129.8,	1.5);	(407187.5, 3758612.5,	130.3,	1.5);		
(407237.5, 3758662.5,	134.8,	1.5);	(407237.5, 3758612.5,	134.5,	1.5);		
(407287.5, 3758662.5,	139.8,	1.5);	(407287.5, 3758612.5,	139.8,	1.5);		
(407337.5, 3758662.5,	144.7,	1.5);	(407337.5, 3758612.5,	143.7,	1.5);		
(407387.5, 3758662.5,	149.7,	1.5);	(407387.5, 3758612.5,	149.5,	1.5);		
(407437.5, 3758662.5,	153.7,	1.5);	(407437.5, 3758612.5,	154.4,	1.5);		
(407487.5, 3758662.5,	152.4,	1.5);	(407487.5, 3758612.5,	149.5,	1.5);		
(407537.5, 3758662.5,	0.0,	1.5);	(407537.5, 3758612.5,	0.0,	1.5);		
(407587.5, 3758662.5,	0.0,	1.5);	(407587.5, 3758612.5,	0.0,	1.5);		
(407637.5, 3758612.5,	0.0,	1.5);	(407687.5, 3758612.5,	0.0,	1.5);		
(407737.5, 3758612.5,	0.0,	1.5);	(407787.5, 3758612.5,	0.0,	1.5);		
(407837.5, 3758612.5,	0.0,	1.5);	(407887.5, 3758612.5,	0.0,	1.5);		
(407937.5, 3758612.5,	0.0,	1.5);	(407987.5, 3758612.5,	0.0,	1.5);		
(408037.5, 3758612.5,	0.0,	1.5);	(408087.5, 3758612.5,	0.0,	1.5);		
(405987.5, 3758612.5,	95.0,	1.5);	(406037.5, 3758612.5,	96.3,	1.5);		
(406087.5, 3758612.5,	97.4,	1.5);	(406137.5, 3758612.5,	98.4,	1.5);		
(406187.5, 3758612.5,	100.3,	1.5);	(406237.5, 3758612.5,	102.0,	1.5);		
(406287.5, 3758612.5,	103.8,	1.5);	(406337.5, 3758612.5,	105.0,	1.5);		
(406387.5, 3758612.5,	106.9,	1.5);	(406437.5, 3758612.5,	108.8,	1.5);		
(406487.5, 3758612.5,	110.0,	1.5);	(406512.5, 3758562.5,	109.1,	1.5);		
(406537.5, 3758612.5,	111.3,	1.5);	(406562.5, 3758562.5,	110.0,	1.5);		
(406612.5, 3758562.5,	110.8,	1.5);	(406662.5, 3758562.5,	110.0,	1.5);		
(406712.5, 3758562.5,	112.0,	1.5);	(406762.5, 3758562.5,	112.0,	1.5);		
(406812.5, 3758562.5,	110.7,	1.5);	(406862.5, 3758562.5,	109.8,	1.5);		
(406912.5, 3758562.5,	116.1,	1.5);	(406962.5, 3758562.5,	118.1,	1.5);		
(407012.5, 3758562.5,	120.6,	1.5);	(407062.5, 3758562.5,	122.6,	1.5);		
(407112.5, 3758562.5,	126.1,	1.5);	(407162.5, 3758562.5,	127.1,	1.5);		
(407212.5, 3758562.5,	139.0,	1.5);	(407262.5, 3758562.5,	139.8,	1.5);		
(407312.5, 3758562.5,	142.0,	1.5);	(407362.5, 3758562.5,	146.2,	1.5);		
(407412.5, 3758562.5,	152.1,	1.5);	(407462.5, 3758562.5,	157.2,	1.5);		
(407512.5, 3758562.5,	147.3,	1.5);	(407562.5, 3758562.5,	0.0,	1.5);		
(407612.5, 3758562.5,	0.0,	1.5);	(407662.5, 3758562.5,	0.0,	1.5);		
(407712.5, 3758562.5,	0.0,	1.5);	(407762.5, 3758562.5,	0.0,	1.5);		
(407812.5, 3758562.5,	0.0,	1.5);	(407862.5, 3758562.5,	0.0,	1.5);		
* *** ISCST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			***	07/29/11
			*** ANALYSIS ANNUAL PM emissions mitigated			***	12:01:02
**MODELOPTs:							PAGE 40
CONC	URBAN ELEV	FLGPOL		NOCALM			
			*** DISCRETE CARTESIAN RECEPTORS ***				
			(X-COORD, Y-COORD, ZELEV, ZFLAG)				
			(METERS)				
(407912.5, 3758562.5,	0.0,	1.5);	(407962.5, 3758562.5,	0.0,	1.5);		
(408012.5, 3758562.5,	0.0,	1.5);	(408062.5, 3758562.5,	0.0,	1.5);		
(408112.5, 3758562.5,	0.0,	1.5);	(405987.5, 3759987.5,	228.1,	1.5);		
(405987.5, 3759937.5,	218.6,	1.5);	(405987.5, 3759887.5,	212.3,	1.5);		
(405987.5, 3759837.5,	197.9,	1.5);	(405987.5, 3759787.5,	191.2,	1.5);		
(405987.5, 3759737.5,	190.5,	1.5);	(405987.5, 3759687.5,	168.9,	1.5);		
(405987.5, 3759637.5,	163.7,	1.5);	(405987.5, 3759587.5,	159.7,	1.5);		
(405987.5, 3759537.5,	161.8,	1.5);	(405987.5, 3759487.5,	162.0,	1.5);		
(405987.5, 3759437.5,	158.7,	1.5);	(405987.5, 3759387.5,	148.9,	1.5);		
(405987.5, 3759337.5,	139.7,	1.5);	(405987.5, 3759287.5,	129.9,	1.5);		
(405987.5, 3759237.5,	122.7,	1.5);	(405987.5, 3759187.5,	115.0,	1.5);		
(405987.5, 3759137.5,	114.7,	1.5);	(405987.5, 3759087.5,	112.0,	1.5);		
(405987.5, 3759037.5,	109.0,	1.5);	(405987.5, 3758987.5,	109.0,	1.5);		
(405987.5, 3758937.5,	107.7,	1.5);	(405987.5, 3758887.5,	105.0,	1.5);		
(405987.5, 3758837.5,	103.0,	1.5);	(405987.5, 3758787.5,	101.0,	1.5);		
(405987.5, 3758737.5,	99.0,	1.5);	(405987.5, 3758687.5,	97.7,	1.5);		
(406037.5, 3759987.5,	215.7,	1.5);	(406037.5, 3759837.5,	192.5,	1.5);		
(406037.5, 3759787.5,	184.0,	1.5);	(406037.5, 3759737.5,	179.8,	1.5);		
(406037.5, 3759687.5,	170.7,	1.5);	(406037.5, 3759637.5,	164.2,	1.5);		
(406037.5, 3759587.5,	160.2,	1.5);	(406037.5, 3759537.5,	157.6,	1.5);		

Appendix B

PM Annual Emissions Mitigated

(406037.5, 3759487.5, 146.4, 1.5);	(406037.5, 3759437.5, 141.2, 1.5);		
(406037.5, 3759387.5, 139.4, 1.5);	(406037.5, 3759337.5, 133.2, 1.5);		
(406037.5, 3759287.5, 127.3, 1.5);	(406037.5, 3759237.5, 120.9, 1.5);		
(406037.5, 3759187.5, 118.0, 1.5);	(406037.5, 3759137.5, 116.0, 1.5);		
(406037.5, 3759087.5, 114.0, 1.5);	(406037.5, 3759037.5, 111.7, 1.5);		
(406037.5, 3758987.5, 111.0, 1.5);	(406037.5, 3758937.5, 109.0, 1.5);		
(406037.5, 3758887.5, 106.7, 1.5);	(406037.5, 3758837.5, 104.0, 1.5);		
(406037.5, 3758787.5, 102.7, 1.5);	(406037.5, 3758737.5, 100.7, 1.5);		
(406037.5, 3758687.5, 98.0, 1.5);	(406087.5, 3759987.5, 196.7, 1.5);		
(406087.5, 3759837.5, 156.9, 1.5);	(406087.5, 3759787.5, 152.5, 1.5);		
(406087.5, 3759737.5, 151.3, 1.5);	(406087.5, 3759687.5, 149.5, 1.5);		
(406087.5, 3759637.5, 149.5, 1.5);	(406087.5, 3759587.5, 146.6, 1.5);		
(406087.5, 3759537.5, 142.0, 1.5);	(406087.5, 3759487.5, 141.2, 1.5);		
(406087.5, 3759437.5, 132.6, 1.5);	(406087.5, 3759387.5, 128.4, 1.5);		
(406087.5, 3759337.5, 127.0, 1.5);	(406087.5, 3759287.5, 128.2, 1.5);		
(406087.5, 3759237.5, 121.0, 1.5);	(406087.5, 3759187.5, 120.0, 1.5);		
(406087.5, 3759137.5, 118.0, 1.5);	(406087.5, 3759087.5, 116.0, 1.5);		
(406087.5, 3759037.5, 114.0, 1.5);	(406087.5, 3758987.5, 112.7, 1.5);		
(406087.5, 3758937.5, 110.0, 1.5);	(406087.5, 3758887.5, 108.7, 1.5);		
(406087.5, 3758837.5, 106.0, 1.5);	(406087.5, 3758787.5, 104.0, 1.5);		
(406087.5, 3758737.5, 102.0, 1.5);	(406087.5, 3758687.5, 100.0, 1.5);		
(406137.5, 3759987.5, 167.9, 1.5);	(406137.5, 3759837.5, 148.9, 1.5);		
(406137.5, 3759787.5, 147.9, 1.5);	(406137.5, 3759737.5, 147.5, 1.5);		
(406137.5, 3759687.5, 147.5, 1.5);	(406137.5, 3759637.5, 143.7, 1.5);		
(406137.5, 3759587.5, 141.9, 1.5);	(406137.5, 3759537.5, 139.3, 1.5);		
• *** ISCST3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT	***	07/29/11
	*** ANALYSIS ANNUAL PM emissions mitigated	***	12:01:02
**MODELOPTs:			PAGE 41
CONC	URBAN ELEV FLGPOL	NOCALM	
	*** DISCRETE CARTESIAN RECEPTORS ***		
	(X-COORD, Y-COORD, ZELEV, ZFLAG)		
	(METERS)		
(406137.5, 3759487.5, 130.4, 1.5);	(406137.5, 3759437.5, 130.8, 1.5);		
(406137.5, 3759387.5, 133.5, 1.5);	(406137.5, 3759337.5, 132.6, 1.5);		
(406137.5, 3759287.5, 130.7, 1.5);	(406137.5, 3759237.5, 124.9, 1.5);		
(406137.5, 3759187.5, 122.7, 1.5);	(406137.5, 3759137.5, 120.0, 1.5);		
(406137.5, 3759087.5, 118.0, 1.5);	(406137.5, 3759037.5, 116.0, 1.5);		
(406137.5, 3758987.5, 115.0, 1.5);	(406137.5, 3758937.5, 112.7, 1.5);		
(406137.5, 3758887.5, 110.0, 1.5);	(406137.5, 3758837.5, 108.0, 1.5);		
(406137.5, 3758787.5, 105.0, 1.5);	(406137.5, 3758737.5, 103.0, 1.5);		
(406137.5, 3758687.5, 101.0, 1.5);	(406187.5, 3759437.5, 148.5, 1.5);		
(406187.5, 3759387.5, 143.3, 1.5);	(406187.5, 3759337.5, 141.0, 1.5);		
(406187.5, 3759287.5, 133.9, 1.5);	(406187.5, 3759237.5, 127.0, 1.5);		
(406187.5, 3759187.5, 124.0, 1.5);	(406187.5, 3759137.5, 122.0, 1.5);		
(406187.5, 3759087.5, 120.0, 1.5);	(406187.5, 3759037.5, 118.0, 1.5);		
(406187.5, 3758987.5, 116.7, 1.5);	(406187.5, 3758937.5, 114.0, 1.5);		
(406187.5, 3758887.5, 111.7, 1.5);	(406187.5, 3758837.5, 109.0, 1.5);		
(406187.5, 3758787.5, 106.0, 1.5);	(406187.5, 3758737.5, 103.9, 1.5);		
(406187.5, 3758687.5, 102.0, 1.5);	(406237.5, 3759437.5, 152.9, 1.5);		
(406237.5, 3759387.5, 147.2, 1.5);	(406237.5, 3759337.5, 140.9, 1.5);		
(406237.5, 3759287.5, 135.9, 1.5);	(406237.5, 3759237.5, 129.9, 1.5);		
(406237.5, 3759187.5, 126.0, 1.5);	(406237.5, 3759137.5, 123.0, 1.5);		
(406237.5, 3759087.5, 121.7, 1.5);	(406237.5, 3759037.5, 119.0, 1.5);		
(406237.5, 3758987.5, 117.0, 1.5);	(406237.5, 3758937.5, 114.9, 1.5);		
(406237.5, 3758887.5, 112.0, 1.5);	(406237.5, 3758837.5, 109.9, 1.5);		
(406237.5, 3758787.5, 107.0, 1.5);	(406237.5, 3758737.5, 104.9, 1.5);		
(406237.5, 3758687.5, 103.0, 1.5);	(406287.5, 3759437.5, 155.0, 1.5);		
(406287.5, 3759387.5, 152.7, 1.5);	(406287.5, 3759337.5, 141.7, 1.5);		
(406287.5, 3759287.5, 136.9, 1.5);	(406287.5, 3759237.5, 131.9, 1.5);		
(406287.5, 3759187.5, 127.0, 1.5);	(406287.5, 3759137.5, 124.7, 1.5);		
(406287.5, 3759087.5, 122.0, 1.5);	(406287.5, 3759037.5, 119.9, 1.5);		
(406287.5, 3758987.5, 117.0, 1.5);	(406287.5, 3758937.5, 114.9, 1.5);		
(406287.5, 3758887.5, 112.0, 1.5);	(406287.5, 3758837.5, 109.0, 1.5);		
(406287.5, 3758787.5, 108.0, 1.5);	(406287.5, 3758737.5, 105.7, 1.5);		
(406287.5, 3758687.5, 104.7, 1.5);	(406337.5, 3759437.5, 154.9, 1.5);		
(406337.5, 3759387.5, 152.2, 1.5);	(406337.5, 3759337.5, 144.9, 1.5);		
(406337.5, 3759287.5, 138.0, 1.5);	(406337.5, 3759237.5, 133.0, 1.5);		
(406337.5, 3759187.5, 128.9, 1.5);	(406337.5, 3759137.5, 125.7, 1.5);		
(406337.5, 3759087.5, 122.0, 1.5);	(406337.5, 3759037.5, 120.0, 1.5);		
(406337.5, 3758987.5, 117.0, 1.5);	(406337.5, 3758937.5, 114.0, 1.5);		
(406337.5, 3758887.5, 112.0, 1.5);	(406337.5, 3758837.5, 109.2, 1.5);		
(406337.5, 3758787.5, 108.0, 1.5);	(406337.5, 3758737.5, 106.7, 1.5);		
(406337.5, 3758687.5, 105.8, 1.5);	(406387.5, 3759337.5, 139.9, 1.5);		

Appendix B

PM Annual Emissions Mitigated

```
( 406387.5, 3759287.5, 136.9, 1.5); ( 406387.5, 3759237.5, 133.0, 1.5);
( 406387.5, 3759187.5, 129.7, 1.5); ( 406387.5, 3759137.5, 125.9, 1.5);
( 406387.5, 3759087.5, 123.0, 1.5); ( 406387.5, 3759037.5, 120.0, 1.5);
( 406387.5, 3758987.5, 117.7, 1.5); ( 406387.5, 3758937.5, 114.9, 1.5);
• *** ISCSST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT ***
*** ANALYSIS ANNUAL PM emissions mitigated ***
**MODELOPTs:
CONC URBAN ELEV FLGPOL NOCALM
*** 07/29/11
*** 12:01:02
*** PAGE 42
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

```
( 406387.5, 3758887.5, 110.9, 1.5); ( 406387.5, 3758837.5, 109.0, 1.5);
( 406387.5, 3758787.5, 108.0, 1.5); ( 406387.5, 3758737.5, 108.0, 1.5);
( 406387.5, 3758687.5, 108.0, 1.5); ( 406437.5, 3759337.5, 138.9, 1.5);
( 406437.5, 3759287.5, 136.0, 1.5); ( 406437.5, 3759237.5, 134.0, 1.5);
( 406437.5, 3759187.5, 129.9, 1.5); ( 406437.5, 3759137.5, 125.9, 1.5);
( 406437.5, 3759087.5, 123.0, 1.5); ( 406437.5, 3759037.5, 120.0, 1.5);
( 406437.5, 3758987.5, 118.0, 1.5); ( 406437.5, 3758937.5, 115.9, 1.5);
( 406437.5, 3758887.5, 111.7, 1.5); ( 406437.5, 3758837.5, 109.0, 1.5);
( 406437.5, 3758787.5, 109.0, 1.5); ( 406437.5, 3758737.5, 109.0, 1.5);
( 406437.5, 3758687.5, 110.0, 1.5); ( 406487.5, 3759287.5, 136.9, 1.5);
( 406487.5, 3759237.5, 133.9, 1.5); ( 406487.5, 3759187.5, 129.0, 1.5);
( 406487.5, 3759137.5, 126.0, 1.5); ( 406487.5, 3759087.5, 123.0, 1.5);
( 406487.5, 3759037.5, 120.7, 1.5); ( 406487.5, 3758987.5, 118.9, 1.5);
( 406487.5, 3758937.5, 116.7, 1.5); ( 406487.5, 3758887.5, 113.0, 1.5);
( 406487.5, 3758837.5, 111.7, 1.5); ( 406487.5, 3758787.5, 111.8, 1.5);
( 406487.5, 3758737.5, 112.0, 1.5); ( 406487.5, 3758687.5, 111.7, 1.5);
( 406537.5, 3759237.5, 134.0, 1.5); ( 406537.5, 3759187.5, 130.0, 1.5);
( 406537.5, 3759137.5, 126.9, 1.5); ( 406537.5, 3759087.5, 124.7, 1.5);
( 406537.5, 3759037.5, 122.0, 1.5); ( 406537.5, 3758987.5, 118.9, 1.5);
( 406537.5, 3758937.5, 115.9, 1.5); ( 406537.5, 3758887.5, 115.0, 1.5);
( 406537.5, 3758837.5, 116.0, 1.5); ( 406537.5, 3758787.5, 115.8, 1.5);
( 406537.5, 3758737.5, 114.7, 1.5); ( 406537.5, 3758687.5, 113.7, 1.5);
( 406587.5, 3759237.5, 136.7, 1.5); ( 406587.5, 3759187.5, 133.0, 1.5);
( 406587.5, 3759137.5, 129.0, 1.5); ( 406587.5, 3759087.5, 126.0, 1.5);
( 406587.5, 3759037.5, 123.0, 1.5); ( 406587.5, 3758987.5, 120.0, 1.5);
( 406587.5, 3758937.5, 118.8, 1.5); ( 406587.5, 3758887.5, 118.8, 1.5);
( 406587.5, 3758837.5, 118.8, 1.5); ( 406587.5, 3758787.5, 117.7, 1.5);
( 406587.5, 3758737.5, 116.0, 1.5); ( 406587.5, 3758687.5, 115.0, 1.5);
( 406587.5, 3758637.5, 113.0, 1.5); ( 406637.5, 3759187.5, 135.0, 1.5);
( 406637.5, 3759137.5, 130.9, 1.5); ( 406637.5, 3759087.5, 128.0, 1.5);
( 406637.5, 3759037.5, 123.0, 1.5); ( 406637.5, 3758987.5, 122.0, 1.5);
( 406637.5, 3758937.5, 122.7, 1.5); ( 406637.5, 3758887.5, 122.7, 1.5);
( 406637.5, 3758837.5, 121.0, 1.5); ( 406637.5, 3758787.5, 119.0, 1.5);
( 406637.5, 3758737.5, 117.0, 1.5); ( 406637.5, 3758687.5, 115.9, 1.5);
( 406687.5, 3759137.5, 130.9, 1.5); ( 406687.5, 3759087.5, 128.0, 1.5);
( 406687.5, 3759037.5, 127.0, 1.5); ( 406687.5, 3758987.5, 126.9, 1.5);
( 406687.5, 3758937.5, 126.7, 1.5); ( 406687.5, 3758887.5, 123.9, 1.5);
( 406687.5, 3758837.5, 122.0, 1.5); ( 406687.5, 3758737.5, 117.0, 1.5);
( 406737.5, 3759137.5, 133.7, 1.5); ( 406737.5, 3759037.5, 133.7, 1.5);
( 406737.5, 3758987.5, 130.9, 1.5); ( 406737.5, 3758937.5, 127.2, 1.5);
( 406737.5, 3758637.5, 117.0, 1.5); ( 406787.5, 3759037.5, 138.7, 1.5);
( 406787.5, 3758987.5, 131.9, 1.5); ( 406787.5, 3758937.5, 127.0, 1.5);
( 406787.5, 3758687.5, 120.0, 1.5); ( 406787.5, 3758637.5, 116.0, 1.5);
( 406837.5, 3758737.5, 123.9, 1.5); ( 406837.5, 3758687.5, 122.0, 1.5);
( 406837.5, 3758637.5, 118.0, 1.5); ( 406887.5, 3758787.5, 126.7, 1.5);
• *** ISCSST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT ***
*** ANALYSIS ANNUAL PM emissions mitigated ***
**MODELOPTs:
CONC URBAN ELEV FLGPOL NOCALM
*** 07/29/11
*** 12:01:02
*** PAGE 43
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

```
( 406887.5, 3758737.5, 123.9, 1.5); ( 406887.5, 3758687.5, 120.9, 1.5);
( 406887.5, 3758637.5, 117.0, 1.5); ( 406937.5, 3758737.5, 123.0, 1.5);
( 406937.5, 3758687.5, 119.9, 1.5); ( 406937.5, 3758637.5, 115.9, 1.5);
( 406987.5, 3758737.5, 123.0, 1.5); ( 406987.5, 3758687.5, 119.9, 1.5);
( 406987.5, 3758637.5, 115.0, 1.5); ( 407037.5, 3758687.5, 118.1, 1.5);
( 407037.5, 3758637.5, 116.0, 1.5); ( 407087.5, 3758637.5, 122.0, 1.5);
( 407137.5, 3758637.5, 124.8, 1.5); ( 407187.5, 3758637.5, 128.7, 1.5);
```

Appendix B

PM Annual Emissions Mitigated

(407237.5, 3758637.5, 133.7, 1.5);	(407287.5, 3758637.5, 139.8, 1.5);
(407337.5, 3758637.5, 144.7, 1.5);	(407387.5, 3758637.5, 149.5, 1.5);
(407437.5, 3758637.5, 154.0, 1.5);	(407487.5, 3758637.5, 149.4, 1.5);
(407537.5, 3758637.5, 0.0, 1.5);	(407587.5, 3758637.5, 0.0, 1.5);
(407637.5, 3758637.5, 0.0, 1.5);	(407687.5, 3758637.5, 0.0, 1.5);
(407737.5, 3758637.5, 0.0, 1.5);	(407787.5, 3758637.5, 0.0, 1.5);
(407837.5, 3758637.5, 0.0, 1.5);	(407887.5, 3758637.5, 0.0, 1.5);
(407937.5, 3758637.5, 0.0, 1.5);	(407987.5, 3758637.5, 0.0, 1.5);
(408037.5, 3758637.5, 0.0, 1.5);	(408087.5, 3758637.5, 0.0, 1.5);
(405987.5, 3758637.5, 96.0, 1.5);	(405987.5, 3758587.5, 94.7, 1.5);
(406037.5, 3758637.5, 97.0, 1.5);	(406037.5, 3758587.5, 95.7, 1.5);
(406087.5, 3758637.5, 98.0, 1.5);	(406087.5, 3758587.5, 97.0, 1.5);
(406137.5, 3758637.5, 99.0, 1.5);	(406137.5, 3758587.5, 98.0, 1.5);
(406187.5, 3758637.5, 101.0, 1.5);	(406187.5, 3758587.5, 99.8, 1.5);
(406237.5, 3758637.5, 102.0, 1.5);	(406237.5, 3758587.5, 101.7, 1.5);
(406287.5, 3758637.5, 103.8, 1.5);	(406287.5, 3758587.5, 103.8, 1.5);
(406337.5, 3758637.5, 105.0, 1.5);	(406337.5, 3758587.5, 105.0, 1.5);
(406387.5, 3758637.5, 107.0, 1.5);	(406387.5, 3758587.5, 106.0, 1.5);
(406437.5, 3758637.5, 109.0, 1.5);	(406437.5, 3758587.5, 108.0, 1.5);
(406487.5, 3758637.5, 110.7, 1.5);	(406487.5, 3758587.5, 109.0, 1.5);
(406537.5, 3758637.5, 112.0, 1.5);	(406537.5, 3758587.5, 110.7, 1.5);
(406587.5, 3758587.5, 111.0, 1.5);	(406737.5, 3758587.5, 113.9, 1.5);
(406787.5, 3758587.5, 115.7, 1.5);	(406837.5, 3758587.5, 113.1, 1.5);
(406887.5, 3758587.5, 108.0, 1.5);	(406937.5, 3758587.5, 116.0, 1.5);
(406987.5, 3758587.5, 118.0, 1.5);	(407037.5, 3758587.5, 121.8, 1.5);
(407087.5, 3758587.5, 123.0, 1.5);	(407137.5, 3758587.5, 126.0, 1.5);
(407187.5, 3758587.5, 132.6, 1.5);	(407237.5, 3758587.5, 137.7, 1.5);
(407287.5, 3758587.5, 139.0, 1.5);	(407337.5, 3758587.5, 143.8, 1.5);
(407387.5, 3758587.5, 150.3, 1.5);	(407437.5, 3758587.5, 154.7, 1.5);
(407487.5, 3758587.5, 151.4, 1.5);	(407537.5, 3758587.5, 0.0, 1.5);
(407587.5, 3758587.5, 0.0, 1.5);	(407637.5, 3758587.5, 0.0, 1.5);
(407687.5, 3758587.5, 0.0, 1.5);	(407737.5, 3758587.5, 0.0, 1.5);
(407787.5, 3758587.5, 0.0, 1.5);	(407837.5, 3758587.5, 0.0, 1.5);
(407887.5, 3758587.5, 0.0, 1.5);	(407937.5, 3758587.5, 0.0, 1.5);
(407987.5, 3758587.5, 0.0, 1.5);	(408037.5, 3758587.5, 0.0, 1.5);
(408087.5, 3758587.5, 0.0, 1.5);	(408749.8, 3760427.5, 0.0, 0.0);
(408576.4, 3760430.5, 0.0, 0.0);	(408341.8, 3760655.3, 0.0, 0.0);
(408422.1, 3760726.5, 0.0, 0.0);	(408512.5, 3760597.3, 0.0, 0.0);

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL PM emissions mitigated

*** 07/29/11
*** 12:01:02
*** PAGE 44

**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(408737.2, 3760284.3, 0.0, 0.0);	(407589.2, 3757492.8, 0.0, 0.0);
(406297.8, 3757662.0, 87.0, 0.0);	(406584.2, 3757389.8, 79.0, 0.0);
(407118.8, 3757983.5, 114.2, 0.0);	(406874.3, 3758349.8, 116.0, 0.0);
(406620.2, 3758321.0, 107.0, 0.0);	(406622.5, 3757771.8, 94.1, 0.0);
(406913.0, 3757488.0, 86.7, 0.0);	(406700.6, 3757538.3, 87.1, 0.0);
(407066.2, 3757290.8, 86.2, 0.0);	(407127.3, 3757406.5, 92.0, 0.0);
(408971.5, 3759219.3, 0.0, 0.0);	(408922.5, 3758958.8, 0.0, 0.0);
(408826.5, 3758876.0, 0.0, 0.0);	(409072.4, 3758868.3, 0.0, 0.0);
(408995.0, 3758728.5, 0.0, 0.0);	(408227.3, 3758224.5, 0.0, 0.0);
(408139.7, 3758492.5, 0.0, 0.0);	(408582.0, 3758154.3, 0.0, 0.0);
(408461.6, 3758025.8, 0.0, 0.0);	(407729.4, 3758130.8, 0.0, 0.0);
(407645.4, 3757976.3, 0.0, 0.0);	(407482.9, 3757723.5, 130.9, 0.0);
(405320.4, 3759820.0, 121.0, 0.0);	(405904.1, 3759261.5, 124.5, 0.0);
(405691.5, 3759433.3, 136.0, 0.0);	(405617.4, 3759631.3, 165.1, 0.0);
(405524.7, 3759523.8, 131.7, 0.0);	(405402.4, 3759491.8, 129.0, 0.0);
(405646.0, 3759323.0, 120.1, 0.0);	(405616.3, 3759173.5, 105.0, 0.0);
(405512.6, 3759095.0, 98.0, 0.0);	(405377.5, 3759043.0, 95.0, 0.0);
(405466.3, 3758975.8, 94.0, 0.0);	(405527.8, 3758925.3, 94.0, 0.0);
(406550.6, 3758915.0, 116.0, 0.0);	(406480.5, 3759093.0, 123.0, 0.0);
(406259.7, 3759222.5, 129.4, 0.0);	(406195.8, 3759106.8, 120.9, 0.0);
(406070.3, 3759025.3, 113.0, 0.0);	(405757.6, 3758923.0, 101.4, 0.0);
(405844.4, 3758855.3, 100.8, 0.0);	(406318.1, 3758856.0, 110.8, 0.0);
(406403.5, 3759010.5, 119.1, 0.0);	(406352.0, 3759038.5, 120.0, 0.0);
(406045.0, 3760461.3, 192.0, 0.0);	(407358.3, 3758534.5, 147.9, 0.0);
(407261.7, 3758458.8, 145.1, 0.0);	(406506.8, 3758549.3, 109.0, 0.0);
(406457.9, 3758378.0, 105.0, 0.0);	(406301.7, 3758551.3, 104.0, 0.0);
(406205.0, 3758613.5, 101.0, 0.0);	(406115.4, 3758675.3, 100.0, 0.0);
(406028.6, 3758737.0, 100.0, 0.0);	(405938.3, 3758799.0, 100.9, 0.0);

Appendix B

CONC

URBAN ELEV FLGPOL

PM Annual Emissions Mitigated
NOCALM

*** THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

FILE: c:\ISC\whittier.asc
 FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)
 SURFACE STATION NO.: 53114 UPPER AIR STATION NO.: 91919
 NAME: LOSANGELES NAME: LOSANGELES
 YEAR: 1981 YEAR: 1981

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING HEIGHT (M)	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
81	01	01	01	179.8	1.00	282.6	7	387.2	152.0	0.0000	0.0	0.0000	0 0.00
81	01	01	02	169.9	0.00	282.6	7	397.3	152.0	0.0000	0.0	0.0000	0 0.00
81	01	01	03	85.0	1.00	283.1	7	407.3	152.0	0.0000	0.0	0.0000	0 0.00
81	01	01	04	256.0	1.00	283.7	7	417.4	152.0	0.0000	0.0	0.0000	0 0.00
81	01	01	05	174.0	1.00	281.5	7	427.5	152.0	0.0000	0.0	0.0000	0 0.00
81	01	01	06	117.0	1.00	281.5	7	437.5	152.0	0.0000	0.0	0.0000	0 0.00
81	01	01	07	184.5	1.00	280.4	7	447.6	152.0	0.0000	0.0	0.0000	0 0.00
81	01	01	08	134.6	1.00	282.0	6	71.6	202.6	0.0000	0.0	0.0000	0 0.00
81	01	01	09	96.5	1.00	286.5	5	146.0	255.1	0.0000	0.0	0.0000	0 0.00
81	01	01	10	324.1	1.00	290.4	4	220.4	307.7	0.0000	0.0	0.0000	0 0.00
81	01	01	11	314.1	1.34	294.3	3	294.8	360.3	0.0000	0.0	0.0000	0 0.00
81	01	01	12	305.6	1.79	295.4	3	369.2	412.9	0.0000	0.0	0.0000	0 0.00
81	01	01	13	289.7	1.79	297.6	3	443.6	465.4	0.0000	0.0	0.0000	0 0.00
81	01	01	14	259.2	1.34	295.9	2	518.0	518.0	0.0000	0.0	0.0000	0 0.00
81	01	01	15	359.8	1.34	294.8	2	518.0	518.0	0.0000	0.0	0.0000	0 0.00
81	01	01	16	8.2	1.79	293.1	3	518.0	518.0	0.0000	0.0	0.0000	0 0.00
81	01	01	17	357.6	1.34	290.4	4	518.0	518.0	0.0000	0.0	0.0000	0 0.00
81	01	01	18	52.6	1.00	288.1	5	518.0	468.1	0.0000	0.0	0.0000	0 0.00
81	01	01	19	358.0	1.00	287.6	6	518.0	425.6	0.0000	0.0	0.0000	0 0.00
81	01	01	20	33.2	1.00	287.0	7	518.0	383.1	0.0000	0.0	0.0000	0 0.00
81	01	01	21	178.6	1.00	285.9	7	518.0	340.6	0.0000	0.0	0.0000	0 0.00
81	01	01	22	137.0	1.00	285.9	7	518.0	298.0	0.0000	0.0	0.0000	0 0.00
81	01	01	23	90.7	1.00	285.4	7	518.0	255.5	0.0000	0.0	0.0000	0 0.00
81	01	01	24	134.7	1.00	284.8	7	518.0	213.0	0.0000	0.0	0.0000	0 0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
 FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.
 * *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions mitigated

*** 07/29/11
 *** 12:01:02
 *** PAGE 47

**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
409779.53	3759787.50	0.00190	409779.34	3759762.50	0.00194
409779.19	3759737.50	0.00196	409779.03	3759712.50	0.00199
409778.88	3759687.50	0.00201	409778.72	3759662.50	0.00203
409778.53	3759637.50	0.00205	409778.38	3759612.50	0.00207
409778.22	3759587.50	0.00208	409778.06	3759562.50	0.00209
409777.88	3759537.50	0.00210	409777.72	3759512.50	0.00211
409777.56	3759487.50	0.00211	409777.41	3759462.50	0.00211
409777.25	3759437.50	0.00211	409777.06	3759412.50	0.00211
409776.91	3759387.50	0.00210	409776.75	3759362.50	0.00209
409776.56	3759337.50	0.00208	409776.41	3759312.50	0.00206
409776.25	3759287.50	0.00204	409776.09	3759262.50	0.00202
409775.94	3759237.50	0.00200	409775.66	3759212.50	0.00197
409775.38	3759187.50	0.00194	409775.13	3759162.50	0.00191
409774.84	3759137.50	0.00188	409774.59	3759112.50	0.00184
409774.31	3759087.50	0.00181	409774.03	3759062.50	0.00177
409773.78	3759037.50	0.00173	409765.25	3759020.25	0.00170
409740.25	3759020.50	0.00170	409715.25	3759021.00	0.00170
409690.25	3759021.25	0.00170	409665.25	3759021.50	0.00170

Appendix B

		PM Annual Emissions Mitigated			
CONC	URBAN ELEV	FLGPOL	NOCALM		
409640.25	3759021.75	0.00170	409615.25	3759022.25	0.00170
409590.25	3759022.50	0.00170	409565.25	3759022.75	0.00170
409540.25	3759023.25	0.00170	409515.28	3759024.25	0.00170
409490.28	3759025.25	0.00170	409465.31	3759026.50	0.00170
409440.34	3759027.00	0.00170	409415.34	3759027.75	0.00170
409390.34	3759027.75	0.00169	409365.34	3759028.50	0.00169
409340.34	3759029.00	0.00169	409315.38	3759029.50	0.00169
409290.38	3759030.00	0.00169	409265.38	3759030.50	0.00168
409240.38	3759031.00	0.00168	409215.38	3759031.50	0.00168
409190.38	3759032.00	0.00168	409165.41	3759032.50	0.00167
409140.41	3759033.00	0.00167	409115.41	3759033.50	0.00167
409090.41	3759034.00	0.00166	409065.41	3759034.50	0.00166
409040.41	3759035.00	0.00165	409015.44	3759035.50	0.00165
408990.44	3759036.25	0.00165	408965.44	3759036.75	0.00164
408940.44	3759037.25	0.00164	408915.44	3759037.75	0.00164
408890.47	3759038.25	0.00163	408865.47	3759038.75	0.00163
408840.47	3759039.25	0.00162	408815.47	3759039.75	0.00162
408790.47	3759040.25	0.00161	408765.47	3759040.75	0.00161
408740.50	3759041.25	0.00160	408715.50	3759041.75	0.00160
408690.50	3759042.25	0.00160	408665.50	3759042.75	0.00159
408640.50	3759043.25	0.00159	408615.50	3759044.00	0.00158
408590.53	3759044.50	0.00158	408581.91	3759028.75	0.00153

*** ICST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions mitigated *** 12:01:02
 **MODELOPTs: PAGE 48
 CONC URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER IN MICROGRAMS/M**3 **			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
408581.59	3759004.00	0.00147	408581.28	3758979.00	0.00141
408580.97	3758954.00	0.00136	408580.66	3758929.00	0.00131
408580.31	3758904.00	0.00127	408580.00	3758879.00	0.00123
408579.69	3758854.00	0.00120	408579.38	3758829.00	0.00118
408579.06	3758804.00	0.00115	408578.75	3758779.00	0.00114
408578.44	3758754.00	0.00112	408578.13	3758729.00	0.00110
408567.84	3758707.50	0.00109	408550.69	3758689.50	0.00108
408533.56	3758671.25	0.00107	408513.78	3758658.50	0.00106
408488.78	3758658.75	0.00106	408463.78	3758659.25	0.00106
408438.78	3758659.75	0.00106	408413.78	3758660.25	0.00105
408388.78	3758660.50	0.00105	408363.78	3758661.00	0.00105
408338.81	3758661.50	0.00105	408313.81	3758662.00	0.00105
408288.81	3758662.50	0.00106	408263.81	3758662.75	0.00106
408238.81	3758663.25	0.00106	408213.81	3758663.75	0.00107
408188.81	3758664.25	0.00107	408163.81	3758664.50	0.00108
408138.84	3758665.00	0.00109	408113.84	3758665.50	0.00109
408088.84	3758666.00	0.00110	408063.84	3758666.25	0.00111
408038.84	3758666.75	0.00113	408013.84	3758667.25	0.00114
407988.84	3758667.75	0.00115	407963.84	3758668.25	0.00116
407938.84	3758668.50	0.00117	407913.88	3758669.00	0.00118
407888.88	3758669.50	0.00119	407863.88	3758670.00	0.00120
407838.88	3758670.25	0.00121	407813.88	3758670.75	0.00121
407788.88	3758671.25	0.00121	407763.88	3758671.75	0.00121
407738.88	3758672.25	0.00121	407713.91	3758672.50	0.00120
407688.91	3758673.00	0.00119	407663.91	3758673.50	0.00117
407638.91	3758674.00	0.00115	407613.91	3758674.25	0.00113
407588.91	3758674.75	0.00111	407563.91	3758675.25	0.00108
407538.91	3758675.75	0.00105	407513.94	3758676.25	0.00959
407488.91	3758676.75	0.01085	407463.97	3758678.00	0.01107
407439.00	3758679.25	0.01130	407414.03	3758680.75	0.01135
407389.06	3758682.00	0.01107	407364.09	3758683.25	0.01159
407339.13	3758684.75	0.01217	407314.16	3758686.00	0.01297
407289.19	3758687.25	0.01411	407264.22	3758688.75	0.01508
407239.28	3758690.00	0.01615	407214.31	3758691.25	0.01693
407189.34	3758692.75	0.01614	407164.38	3758694.00	0.01457
407139.41	3758695.25	0.01298	407114.44	3758696.50	0.01263
407089.50	3758698.00	0.01329	407065.69	3758703.50	0.01418
407045.13	3758717.75	0.01466	407024.56	3758731.75	0.01465
407004.03	3758746.00	0.01444	406983.47	3758760.25	0.01432
406962.94	3758774.50	0.01413	406942.38	3758788.75	0.01363

Appendix B

PM Annual Emissions Mitigated

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions mitigated

*** 07/29/11
 *** 12:01:02
 *** PAGE 49

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406921.81	3758803.00	0.01327	406901.25	3758817.25	0.01280
406883.91	3758804.50	0.01152	406866.50	3758786.50	0.01101
406849.06	3758768.50	0.01074	406828.84	3758753.75	0.01009
406808.59	3758739.00	0.00967	406788.38	3758724.50	0.00903
406768.13	3758709.75	0.00857	406747.91	3758695.00	0.00821
406730.00	3758678.50	0.00796	406717.97	3758656.75	0.00771
406705.94	3758634.75	0.00738	406693.88	3758612.75	0.00689
406681.84	3758591.00	0.00652	406667.50	3758575.50	0.00629
406646.56	3758589.25	0.00658	406625.63	3758603.00	0.00706
406625.50	3758621.50	0.00737	406639.09	3758642.50	0.00755
406652.69	3758663.50	0.00792	406666.25	3758684.50	0.00827
406679.84	3758705.50	0.00882	406693.44	3758726.50	0.00919
406707.03	3758747.50	0.00953	406720.81	3758768.00	0.00977
406700.25	3758782.00	0.01085	406681.69	3758797.25	0.01183
406695.59	3758818.00	0.01218	406709.50	3758839.00	0.01287
406723.44	3758859.75	0.01343	406737.34	3758880.50	0.01402
406756.84	3758895.50	0.01430	406778.28	3758908.50	0.01484
406799.72	3758921.25	0.01580	406821.16	3758934.25	0.01614
406830.97	3758956.25	0.01724	406839.75	3758979.75	0.01835
406848.53	3759003.25	0.02125	406844.09	3759021.75	0.02477
406823.38	3759035.75	0.03128	406802.63	3759049.75	0.03441
406781.88	3759063.75	0.03678	406761.16	3759077.75	0.03858
406740.41	3759091.50	0.03396	406747.50	3759112.50	0.03600
406760.22	3759134.00	0.03900	406747.75	3759150.00	0.03593
406732.22	3759166.50	0.03436	406714.66	3759177.00	0.03550
406693.59	3759190.50	0.03731	406672.50	3759204.00	0.03780
406651.41	3759217.25	0.03856	406630.34	3759230.75	0.03814
406609.25	3759244.25	0.03745	406588.16	3759257.75	0.03676
406567.09	3759271.00	0.03551	406546.00	3759284.50	0.03544
406524.91	3759298.00	0.03562	406503.81	3759311.50	0.03559
406482.75	3759324.75	0.03626	406461.66	3759338.25	0.03726
406440.59	3759351.75	0.03807	406419.50	3759365.25	0.03893
406398.41	3759378.50	0.04056	406377.03	3759392.25	0.04241
406375.66	3759417.25	0.04425	406374.28	3759442.25	0.04638
406372.91	3759467.25	0.04704	406351.53	3759469.50	0.04984
406326.53	3759468.75	0.04855	406301.56	3759468.00	0.05430
406276.56	3759467.25	0.04427	406251.56	3759466.50	0.04188
406226.59	3759465.75	0.03983	406201.59	3759465.00	0.03750
406176.59	3759464.25	0.03193	406171.34	3759484.50	0.02933
406171.63	3759509.50	0.02759	406171.91	3759534.50	0.02763

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions mitigated

*** 07/29/11
 *** 12:01:02
 *** PAGE 50

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406172.19	3759559.50	0.02818	406172.47	3759584.50	0.02885
406172.75	3759609.50	0.02896	406173.03	3759634.50	0.02968
406173.28	3759659.50	0.02818	406173.56	3759684.50	0.03152
406173.84	3759709.50	0.02905	406174.13	3759734.50	0.02702
406174.41	3759759.50	0.02554	406174.69	3759784.50	0.02463
406174.97	3759809.50	0.02340	406175.22	3759834.50	0.02218
406175.50	3759859.50	0.02136	406152.34	3759859.50	0.01677
406127.34	3759859.00	0.01521	406102.34	3759858.25	0.01498

Appendix B

			PM Annual Emissions Mitigated				
406077.38	3759857.50	0.01903	406052.38	3759856.75	0.01635		
406041.31	3759871.00	0.01574	406041.56	3759896.00	0.01501		
406041.84	3759921.00	0.01427	406042.09	3759946.00	0.01373		
406042.38	3759971.00	0.01329	406067.34	3759972.50	0.01396		
406092.34	3759973.50	0.01469	406117.31	3759974.25	0.01551		
406142.31	3759975.00	0.01823	406167.31	3759975.75	0.01625		
406187.16	3759980.75	0.01700	406187.44	3760005.75	0.01707		
406187.69	3760030.75	0.01720	406187.97	3760055.75	0.02007		
406188.25	3760080.75	0.01952	406188.50	3760105.75	0.01696		
406188.78	3760130.75	0.01698	406189.06	3760155.75	0.01722		
406189.31	3760180.75	0.01669	406189.59	3760205.75	0.01649		
406189.88	3760230.75	0.01584	406190.13	3760255.50	0.01567		
406198.22	3760273.75	0.01558	406223.22	3760274.50	0.01581		
406248.19	3760275.25	0.01625	406270.56	3760282.00	0.01629		
406289.75	3760298.25	0.01629	406308.91	3760314.25	0.01629		
406328.09	3760330.25	0.01581	406347.25	3760346.25	0.01577		
406366.44	3760362.25	0.01556	406385.59	3760378.50	0.01585		
406404.78	3760394.50	0.01561	406423.94	3760410.50	0.01538		
406438.56	3760430.50	0.01492	406453.13	3760451.00	0.01424		
406464.50	3760468.50	0.01369	406439.66	3760465.75	0.01364		
406414.84	3760462.75	0.01351	406390.31	3760458.25	0.01335		
406365.97	3760452.75	0.01346	406354.47	3760461.75	0.01319		
406362.25	3760484.25	0.01312	406383.81	3760497.00	0.01331		
406405.22	3760509.75	0.01317	406422.63	3760527.50	0.01296		
406440.06	3760545.50	0.01255	406459.63	3760554.25	0.01215		
406482.22	3760543.50	0.01213	406504.78	3760532.75	0.01196		
406527.34	3760522.00	0.01223	406549.91	3760511.25	0.01248		
406572.50	3760500.50	0.01272	406596.63	3760494.75	0.01287		
406621.09	3760489.75	0.01327	406645.00	3760486.75	0.01342		
406667.09	3760498.50	0.01336	406684.06	3760513.00	0.01342		
406685.72	3760538.00	0.01312	406687.41	3760563.00	0.01294		
406689.06	3760587.75	0.01273	406690.72	3760612.75	0.01249		
* *** ISCST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			***	07/29/11
			*** ANALYSIS ANNUAL PM emissions mitigated			***	12:01:02
**MODELOPTs:							PAGE 51
CONC							
URBAN ELEV			NOCALM				
FLGPOL							
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION			VALUES FOR SOURCE GROUP: 1			***	
INCLUDING SOURCE(S):			1 , 2 , 3 , 4 ,				
*** DISCRETE CARTESIAN RECEPTOR POINTS ***							
** CONC OF OTHER			IN MICROGRAMS/M**3			**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
406692.41	3760637.75	0.01223	406694.06	3760662.75	0.01171		
406695.72	3760687.75	0.01130	406694.03	3760710.75	0.01103		
406675.66	3760727.75	0.01057	406657.31	3760744.75	0.01036		
406638.94	3760761.75	0.01005	406620.59	3760778.75	0.00986		
406600.09	3760790.50	0.00956	406575.31	3760793.75	0.00926		
406550.50	3760796.75	0.00911	406525.72	3760800.00	0.00896		
406500.91	3760803.25	0.00881	406478.03	3760812.00	0.00866		
406457.19	3760826.00	0.00838	406436.38	3760839.75	0.00815		
406415.53	3760853.50	0.00800	406392.28	3760856.25	0.00802		
406367.41	3760853.75	0.00795	406342.53	3760851.25	0.00788		
406317.66	3760848.75	0.00784	406292.78	3760846.00	0.00793		
406267.91	3760843.50	0.00788	406244.09	3760836.50	0.00783		
406220.34	3760828.75	0.00789	406196.59	3760821.00	0.00799		
406172.84	3760813.25	0.00804	406149.09	3760805.25	0.00803		
406125.34	3760797.50	0.00806	406105.59	3760782.50	0.00807		
406085.88	3760767.25	0.00820	406083.44	3760744.00	0.00837		
406083.94	3760719.00	0.00862	406084.44	3760694.00	0.00886		
406073.81	3760679.50	0.00900	406048.81	3760680.25	0.00888		
406023.81	3760681.00	0.00903	405998.84	3760681.75	0.00923		
405973.84	3760682.50	0.00938	405948.84	3760683.25	0.00916		
405923.88	3760684.00	0.00899	405898.88	3760684.75	0.00905		
405873.91	3760685.50	0.01043	405848.91	3760686.25	0.01067		
405823.91	3760687.00	0.01045	405798.94	3760687.75	0.01036		
405774.47	3760683.75	0.01023	405749.56	3760682.25	0.01011		
405724.56	3760682.50	0.00956	405699.56	3760682.75	0.00971		
405674.56	3760683.00	0.00959	405649.56	3760683.25	0.00907		
405632.09	3760691.50	0.00811	405632.81	3760716.50	0.00782		
405633.53	3760741.50	0.00750	405634.22	3760766.50	0.00741		
405634.94	3760791.50	0.00729	405635.63	3760816.50	0.00720		
405636.34	3760841.50	0.00704	405637.06	3760866.50	0.00683		

Appendix B

		PM Annual Emissions Mitigated	
405637.75	3760891.50	0.00666	405638.47 3760916.50 0.00656
405639.16	3760941.50	0.00651	405639.88 3760966.50 0.00636
405644.09	3760990.75	0.00625	405653.31 3761014.00 0.00626
405653.75	3761039.00	0.00611	405654.16 3761064.00 0.00595
405654.53	3761089.00	0.00582	405672.81 3761096.25 0.00575
405697.78	3761095.50	0.00589	405722.78 3761095.00 0.00592
405747.78	3761094.50	0.00597	405772.78 3761093.75 0.00605
405797.75	3761093.25	0.00608	405822.75 3761092.50 0.00622
405847.75	3761092.00	0.00642	405872.75 3761091.50 0.00641
405897.72	3761090.75	0.00642	405922.72 3761090.25 0.00638

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL PM emissions mitigated

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**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
405947.72	3761089.50	0.00644	405972.72	3761089.00	0.00655
405997.72	3761088.50	0.00666	406022.69	3761087.75	0.00671
406047.69	3761087.25	0.00650	406072.69	3761086.50	0.00622
406097.69	3761086.00	0.00623	406122.66	3761085.50	0.00647
406147.66	3761084.75	0.00670	406172.66	3761084.25	0.00662
406197.66	3761083.50	0.00653	406222.66	3761083.00	0.00666
406247.63	3761082.50	0.00688	406272.63	3761081.75	0.00692
406297.63	3761081.25	0.00695	406322.59	3761080.50	0.00683
406347.59	3761080.00	0.00718	406372.59	3761079.50	0.00726
406397.59	3761078.75	0.00736	406422.59	3761078.25	0.00738
406447.56	3761077.50	0.00742	406472.56	3761077.00	0.00766
406497.56	3761076.50	0.00790	406522.56	3761075.75	0.00783
406547.53	3761075.25	0.00777	406572.53	3761074.50	0.00778
406597.53	3761074.00	0.00812	406622.53	3761073.50	0.00800
406647.53	3761072.75	0.00812	406672.50	3761072.25	0.00839
406697.50	3761071.50	0.00826	406722.50	3761071.00	0.00826
406747.50	3761070.50	0.00854	406772.50	3761069.75	0.00893
406797.47	3761069.25	0.00885	406822.47	3761068.50	0.00875
406847.47	3761068.00	0.00867	406872.47	3761067.50	0.00879
406897.44	3761066.75	0.00900	406922.44	3761066.25	0.00918
406947.44	3761065.50	0.00947	406972.41	3761065.00	0.00974
406997.41	3761064.50	0.00996	407021.13	3761061.75	0.00978
407020.31	3761036.75	0.01019	407019.50	3761011.75	0.01021
407018.69	3760986.75	0.01025	407017.84	3760961.75	0.01020
407017.03	3760936.75	0.01028	407016.22	3760911.75	0.01033
407015.41	3760886.75	0.01060	407014.59	3760861.75	0.01104
407013.75	3760836.75	0.01147	407012.94	3760811.75	0.01187
407012.13	3760787.00	0.01237	407011.31	3760762.00	0.01296
407010.47	3760737.00	0.01359	407009.66	3760712.00	0.01429
407008.84	3760687.00	0.01513	407008.03	3760662.00	0.01590
407031.94	3760661.50	0.01640	407056.94	3760661.25	0.01702
407081.94	3760661.25	0.01701	407106.94	3760661.00	0.01625
407131.91	3760660.75	0.01534	407156.94	3760660.50	0.01480
407181.94	3760660.25	0.01404	407206.91	3760660.00	0.01351
407231.91	3760660.00	0.01289	407256.91	3760659.75	0.01252
407281.91	3760659.50	0.01233	407306.91	3760659.25	0.01200
407331.91	3760659.00	0.01171	407356.91	3760659.00	0.01129
407381.91	3760658.75	0.01110	407406.91	3760658.50	0.01068
407431.91	3760658.25	0.01025	407456.91	3760658.00	0.00978
407481.91	3760657.75	0.00933	407506.91	3760657.75	0.00916

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL PM emissions mitigated

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**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Appendix B

X-COORD (M)	Y-COORD (M)	CONC	PM Annual Emissions Mitigated		
			X-COORD (M)	Y-COORD (M)	CONC
407531.91	3760657.50	0.00878	407556.91	3760657.25	0.00349
407581.91	3760657.00	0.00343	407606.91	3760656.75	0.00336
407631.91	3760656.75	0.00330	407656.91	3760656.50	0.00324
407681.91	3760656.25	0.00318	407706.91	3760656.00	0.00312
407731.91	3760655.75	0.00306	407756.91	3760655.50	0.00300
407781.91	3760655.50	0.00293	407806.91	3760655.25	0.00287
407831.91	3760655.00	0.00280	407856.91	3760654.75	0.00273
407881.91	3760654.50	0.00267	407906.91	3760654.25	0.00260
407931.91	3760654.25	0.00253	407956.91	3760654.00	0.00247
407981.91	3760653.75	0.00240	408006.91	3760653.50	0.00234
408031.88	3760653.25	0.00228	408056.88	3760653.25	0.00221
408081.91	3760653.00	0.00215	408106.91	3760652.75	0.00210
408131.88	3760652.50	0.00204	408156.88	3760652.25	0.00199
408181.88	3760652.00	0.00194	408206.88	3760652.00	0.00190
408225.75	3760645.00	0.00186	408224.94	3760620.00	0.00186
408224.16	3760595.00	0.00185	408223.34	3760570.00	0.00185
408222.56	3760545.00	0.00185	408221.75	3760520.00	0.00185
408220.94	3760495.00	0.00185	408220.16	3760470.00	0.00185
408219.34	3760445.00	0.00185	408218.56	3760420.00	0.00185
408217.75	3760395.00	0.00186	408216.94	3760370.00	0.00186
408216.16	3760345.00	0.00187	408215.34	3760320.00	0.00187
408214.56	3760295.00	0.00188	408213.75	3760270.00	0.00188
408212.97	3760245.25	0.00189	408212.16	3760220.25	0.00190
408211.38	3760195.25	0.00190	408210.56	3760170.25	0.00191
408209.75	3760145.25	0.00192	408208.97	3760120.25	0.00192
408208.16	3760095.25	0.00193	408207.38	3760070.25	0.00194
408206.56	3760045.25	0.00195	408205.75	3760020.25	0.00196
408204.97	3759995.25	0.00198	408204.16	3759970.25	0.00200
408203.38	3759945.25	0.00202	408202.56	3759920.25	0.00205
408201.78	3759895.25	0.00208	408200.97	3759870.25	0.00213
408201.59	3759847.50	0.00217	408226.56	3759847.25	0.00214
408251.56	3759846.75	0.00211	408276.56	3759846.25	0.00209
408301.56	3759846.00	0.00207	408326.56	3759845.50	0.00205
408351.56	3759845.25	0.00203	408376.56	3759844.75	0.00201
408401.56	3759844.50	0.00199	408426.56	3759844.00	0.00198
408451.53	3759843.75	0.00196	408476.53	3759843.25	0.00195
408501.53	3759842.75	0.00194	408526.53	3759842.50	0.00193
408551.53	3759842.00	0.00192	408576.53	3759841.75	0.00191
408601.53	3759841.25	0.00190	408626.53	3759841.00	0.00190
408651.53	3759840.50	0.00189	408676.53	3759840.25	0.00189

• *** ISCSST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

07/29/11

*** ANALYSIS ANNUAL PM emissions mitigated

12:01:02

**MODELOPTs:

CONC URBAN ELEV FLGPOL

NOCALM

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*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
408701.53	3759839.75	0.00188	408726.50	3759839.50	0.00188
408751.50	3759839.00	0.00188	408776.50	3759838.50	0.00187
408801.50	3759838.25	0.00187	408826.50	3759837.75	0.00187
408851.50	3759837.50	0.00187	408876.50	3759837.00	0.00187
408901.50	3759836.75	0.00187	408926.50	3759836.25	0.00187
408951.50	3759836.00	0.00187	408976.47	3759835.50	0.00187
409001.50	3759835.00	0.00187	409026.47	3759834.75	0.00187
409051.47	3759834.25	0.00187	409076.47	3759834.00	0.00187
409101.47	3759833.50	0.00187	409126.47	3759833.25	0.00187
409151.47	3759833.00	0.00187	409176.47	3759832.50	0.00187
409201.47	3759832.25	0.00187	409226.47	3759832.00	0.00187
409251.47	3759831.50	0.00187	409276.44	3759831.25	0.00187
409301.44	3759831.00	0.00187	409326.44	3759830.50	0.00187
409351.44	3759830.25	0.00187	409376.44	3759830.00	0.00187
409401.44	3759829.50	0.00187	409426.44	3759829.25	0.00187
409451.44	3759829.00	0.00187	409476.44	3759828.50	0.00187
409501.44	3759828.25	0.00187	409526.44	3759828.00	0.00187
409551.44	3759827.50	0.00187	409576.44	3759827.25	0.00187
409601.44	3759827.00	0.00187	409626.41	3759826.50	0.00187
409651.44	3759826.25	0.00186	409676.41	3759826.00	0.00186

Appendix B

			PM Annual Emissions Mitigated				
409700.88	3759821.50	0.00187	409724.59	3759813.50	0.00188		
409748.28	3759805.75	0.00188	409772.00	3759797.75	0.00189		
407390.94	3759093.50	0.03073	407365.13	3759080.25	0.02889		
407339.78	3759067.50	0.02694	407316.59	3759058.75	0.02509		
407283.19	3759053.00	0.02527	407252.94	3759048.75	0.02703		
407225.69	3759048.50	0.03111	407196.97	3759050.00	0.03683		
407179.00	3759048.00	0.03912	407162.81	3759027.25	0.03990		
407144.13	3759004.00	0.03712	407126.47	3758984.75	0.03276		
407105.78	3758967.50	0.03033	407088.16	3758951.75	0.02905		
407069.53	3758935.25	0.02726	407049.31	3758918.50	0.02517		
407036.31	3758905.00	0.02317	407039.69	3758879.25	0.02328		
407046.66	3758854.25	0.02164	407052.50	3758829.00	0.02069		
407055.88	3758804.50	0.01949	407059.22	3758781.50	0.01824		
407066.25	3758771.75	0.01792	407073.94	3758765.00	0.01737		
407083.13	3758759.50	0.01697	407094.38	3758756.75	0.01695		
407109.31	3758764.25	0.01746	407134.59	3758776.75	0.01748		
407157.81	3758790.75	0.01773	407181.59	3758803.25	0.01776		
407205.38	3758815.75	0.01716	407230.69	3758833.50	0.01658		
407254.03	3758858.25	0.01538	407272.69	3758877.50	0.01420		
405962.50	3758512.50	0.00570	405962.50	3758487.50	0.00557		
. *** ISCST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			***	07/29/11
			*** ANALYSIS ANNUAL PM emissions mitigated			***	12:01:02
**MODELOPTs:							PAGE 55
CONC	URBAN ELEV	FLGPOL	NOCALM				
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION			VALUES FOR SOURCE GROUP: 1			***	
INCLUDING SOURCE(S):			1 , 2 , 3 , 4 ,				
*** DISCRETE CARTESIAN RECEPTOR POINTS ***							
		** CONC OF OTHER	IN MICROGRAMS/M**3				
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
405962.50	3758462.50	0.00552	405962.50	3758437.50	0.00546		
405962.50	3758412.50	0.00533	405962.50	3758387.50	0.00526		
405962.50	3758362.50	0.00517	405962.50	3758337.50	0.00509		
405962.50	3758312.50	0.00501	405962.50	3758287.50	0.00493		
405962.50	3758262.50	0.00485	405962.50	3758237.50	0.00472		
405962.50	3758212.50	0.00463	405962.50	3758187.50	0.00454		
405962.50	3758162.50	0.00446	405962.50	3758137.50	0.00434		
405987.50	3758512.50	0.00583	405987.50	3758487.50	0.00571		
405987.50	3758462.50	0.00559	405987.50	3758437.50	0.00549		
405987.50	3758412.50	0.00542	405987.50	3758387.50	0.00535		
405987.50	3758362.50	0.00527	405987.50	3758337.50	0.00518		
405987.50	3758312.50	0.00510	405987.50	3758287.50	0.00501		
405987.50	3758262.50	0.00491	405987.50	3758237.50	0.00477		
405987.50	3758212.50	0.00469	405987.50	3758187.50	0.00459		
405987.50	3758162.50	0.00448	405987.50	3758137.50	0.00437		
406012.50	3758512.50	0.00593	406012.50	3758487.50	0.00585		
406012.50	3758462.50	0.00570	406012.50	3758437.50	0.00561		
406012.50	3758412.50	0.00553	406012.50	3758387.50	0.00539		
406012.50	3758362.50	0.00530	406012.50	3758337.50	0.00522		
406012.50	3758312.50	0.00515	406012.50	3758287.50	0.00504		
406012.50	3758262.50	0.00493	406012.50	3758237.50	0.00484		
406012.50	3758212.50	0.00475	406012.50	3758187.50	0.00461		
406012.50	3758162.50	0.00450	406012.50	3758137.50	0.00441		
406037.50	3758512.50	0.00606	406037.50	3758487.50	0.00596		
406037.50	3758462.50	0.00581	406037.50	3758437.50	0.00573		
406037.50	3758412.50	0.00562	406037.50	3758387.50	0.00547		
406037.50	3758362.50	0.00538	406037.50	3758337.50	0.00528		
406037.50	3758312.50	0.00519	406037.50	3758287.50	0.00509		
406037.50	3758262.50	0.00500	406037.50	3758237.50	0.00488		
406037.50	3758212.50	0.00474	406037.50	3758187.50	0.00464		
406037.50	3758162.50	0.00454	406037.50	3758137.50	0.00444		
406062.50	3758512.50	0.00621	406062.50	3758487.50	0.00605		
406062.50	3758462.50	0.00594	406062.50	3758437.50	0.00578		
406062.50	3758412.50	0.00567	406062.50	3758387.50	0.00556		
406062.50	3758362.50	0.00547	406062.50	3758337.50	0.00537		
406062.50	3758312.50	0.00527	406062.50	3758287.50	0.00516		
406062.50	3758262.50	0.00503	406062.50	3758237.50	0.00491		
406062.50	3758212.50	0.00478	406062.50	3758187.50	0.00463		
406062.50	3758162.50	0.00452	406062.50	3758137.50	0.00442		
406087.50	3758512.50	0.00625	406087.50	3758487.50	0.00616		
. *** ISCST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			***	07/29/11
			*** ANALYSIS ANNUAL PM emissions mitigated			***	12:01:02

Appendix B

**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406087.50	3758462.50	0.00605	406087.50	3758437.50	0.00586
406087.50	3758412.50	0.00576	406087.50	3758387.50	0.00566
406087.50	3758362.50	0.00555	406087.50	3758337.50	0.00543
406087.50	3758312.50	0.00532	406087.50	3758287.50	0.00521
406087.50	3758262.50	0.00505	406087.50	3758237.50	0.00493
406087.50	3758212.50	0.00481	406087.50	3758187.50	0.00465
406087.50	3758162.50	0.00453	406087.50	3758137.50	0.00442
406112.50	3758512.50	0.00639	406112.50	3758487.50	0.00628
406112.50	3758462.50	0.00609	406112.50	3758437.50	0.00597
406112.50	3758412.50	0.00586	406112.50	3758387.50	0.00569
406112.50	3758362.50	0.00558	406112.50	3758337.50	0.00546
406112.50	3758312.50	0.00533	406112.50	3758287.50	0.00521
406112.50	3758262.50	0.00509	406112.50	3758237.50	0.00497
406112.50	3758212.50	0.00480	406112.50	3758187.50	0.00468
406112.50	3758162.50	0.00454	406112.50	3758137.50	0.00442
406137.50	3758512.50	0.00653	406137.50	3758487.50	0.00631
406137.50	3758462.50	0.00620	406137.50	3758437.50	0.00606
406137.50	3758412.50	0.00587	406137.50	3758387.50	0.00575
406137.50	3758362.50	0.00563	406137.50	3758337.50	0.00551
406137.50	3758312.50	0.00539	406137.50	3758287.50	0.00526
406137.50	3758262.50	0.00512	406137.50	3758237.50	0.00499
406137.50	3758212.50	0.00483	406137.50	3758187.50	0.00467
406137.50	3758162.50	0.00454	406137.50	3758137.50	0.00441
406162.50	3758512.50	0.00662	406162.50	3758487.50	0.00643
406162.50	3758462.50	0.00627	406162.50	3758437.50	0.00609
406162.50	3758412.50	0.00596	406162.50	3758387.50	0.00583
406162.50	3758362.50	0.00564	406162.50	3758337.50	0.00551
406162.50	3758312.50	0.00536	406162.50	3758287.50	0.00522
406162.50	3758262.50	0.00508	406162.50	3758237.50	0.00495
406162.50	3758212.50	0.00481	406162.50	3758187.50	0.00467
406162.50	3758162.50	0.00453	406162.50	3758137.50	0.00439
406187.50	3758512.50	0.00668	406187.50	3758487.50	0.00653
406187.50	3758462.50	0.00632	406187.50	3758437.50	0.00618
406187.50	3758412.50	0.00603	406187.50	3758387.50	0.00588
406187.50	3758362.50	0.00567	406187.50	3758337.50	0.00553
406187.50	3758312.50	0.00539	406187.50	3758287.50	0.00524
406187.50	3758262.50	0.00510	406187.50	3758237.50	0.00495
406187.50	3758212.50	0.00480	406187.50	3758187.50	0.00465
406187.50	3758162.50	0.00449	406187.50	3758137.50	0.00430
406212.50	3758512.50	0.00681	406212.50	3758487.50	0.00659

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL PM emissions mitigated

*** 07/29/11
*** 12:01:02
*** PAGE 57

**MODELOPTs:
CONC

URBAN ELEV FLGPOL

NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406212.50	3758462.50	0.00641	406212.50	3758437.50	0.00626
406212.50	3758412.50	0.00605	406212.50	3758387.50	0.00587
406212.50	3758362.50	0.00574	406212.50	3758337.50	0.00557
406212.50	3758312.50	0.00541	406212.50	3758287.50	0.00525
406212.50	3758262.50	0.00509	406212.50	3758237.50	0.00493
406212.50	3758212.50	0.00478	406212.50	3758187.50	0.00462
406212.50	3758162.50	0.00444	406212.50	3758137.50	0.00425
406237.50	3758512.50	0.00697	406237.50	3758487.50	0.00674
406237.50	3758462.50	0.00650	406237.50	3758437.50	0.00631
406237.50	3758412.50	0.00608	406237.50	3758387.50	0.00591

Appendix B

			PM Annual Emissions Mitigated			
406237.50	3758362.50	0.00575	406237.50	3758337.50	0.00556	
406237.50	3758312.50	0.00539	406237.50	3758287.50	0.00523	
406237.50	3758262.50	0.00506	406237.50	3758237.50	0.00489	
406237.50	3758212.50	0.00474	406237.50	3758187.50	0.00457	
406237.50	3758162.50	0.00436	406237.50	3758137.50	0.00420	
406262.50	3758512.50	0.00711	406262.50	3758487.50	0.00686	
406262.50	3758462.50	0.00660	406262.50	3758437.50	0.00639	
406262.50	3758412.50	0.00613	406262.50	3758387.50	0.00594	
406262.50	3758362.50	0.00576	406262.50	3758337.50	0.00552	
406262.50	3758312.50	0.00532	406262.50	3758287.50	0.00514	
406262.50	3758262.50	0.00498	406262.50	3758237.50	0.00482	
406262.50	3758212.50	0.00462	406262.50	3758187.50	0.00446	
406262.50	3758162.50	0.00430	406262.50	3758137.50	0.00409	
406287.50	3758512.50	0.00717	406287.50	3758487.50	0.00693	
406287.50	3758462.50	0.00667	406287.50	3758437.50	0.00642	
406287.50	3758412.50	0.00618	406287.50	3758387.50	0.00595	
406287.50	3758362.50	0.00575	406287.50	3758337.50	0.00554	
406287.50	3758312.50	0.00529	406287.50	3758287.50	0.00510	
406287.50	3758262.50	0.00492	406287.50	3758237.50	0.00474	
406287.50	3758212.50	0.00457	406287.50	3758187.50	0.00434	
406287.50	3758162.50	0.00418	406287.50	3758137.50	0.00403	
406312.50	3758512.50	0.00722	406312.50	3758487.50	0.00691	
406312.50	3758462.50	0.00667	406312.50	3758437.50	0.00646	
406312.50	3758412.50	0.00618	406312.50	3758387.50	0.00594	
406312.50	3758362.50	0.00573	406312.50	3758337.50	0.00547	
406312.50	3758312.50	0.00525	406312.50	3758287.50	0.00505	
406312.50	3758262.50	0.00486	406312.50	3758237.50	0.00468	
406312.50	3758212.50	0.00445	406312.50	3758187.50	0.00427	
406312.50	3758162.50	0.00408	406312.50	3758137.50	0.00391	
406337.50	3758512.50	0.00726	406337.50	3758487.50	0.00691	
* *** ISCST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT ***			07/29/11
			*** ANALYSIS ANNUAL PM emissions mitigated ***			12:01:02
**MODELOPTs:						PAGE 58
CONC	URBAN ELEV	FLGPOL	NOCALM			
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1			***			
INCLUDING SOURCE(S):			1	2	3	4
*** DISCRETE CARTESIAN RECEPTOR POINTS ***						
		** CONC OF OTHER	IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
406337.50	3758462.50	0.00667	406337.50	3758437.50	0.00643	
406337.50	3758412.50	0.00613	406337.50	3758387.50	0.00591	
406337.50	3758362.50	0.00568	406337.50	3758337.50	0.00539	
406337.50	3758312.50	0.00519	406337.50	3758287.50	0.00491	
406337.50	3758262.50	0.00473	406337.50	3758237.50	0.00454	
406337.50	3758212.50	0.00434	406337.50	3758187.50	0.00415	
406337.50	3758162.50	0.00400	406337.50	3758137.50	0.00385	
406362.50	3758512.50	0.00725	406362.50	3758487.50	0.00692	
406362.50	3758462.50	0.00668	406362.50	3758437.50	0.00636	
406362.50	3758412.50	0.00610	406362.50	3758387.50	0.00586	
406362.50	3758362.50	0.00554	406362.50	3758337.50	0.00533	
406362.50	3758312.50	0.00512	406362.50	3758287.50	0.00484	
406362.50	3758262.50	0.00465	406362.50	3758237.50	0.00441	
406362.50	3758212.50	0.00420	406362.50	3758187.50	0.00403	
406362.50	3758162.50	0.00387	406362.50	3758137.50	0.00373	
406387.50	3758512.50	0.00717	406387.50	3758487.50	0.00691	
406387.50	3758462.50	0.00662	406387.50	3758437.50	0.00628	
406387.50	3758412.50	0.00603	406387.50	3758387.50	0.00570	
406387.50	3758362.50	0.00547	406387.50	3758337.50	0.00523	
406387.50	3758312.50	0.00496	406387.50	3758287.50	0.00476	
406387.50	3758262.50	0.00451	406387.50	3758237.50	0.00428	
406387.50	3758212.50	0.00406	406387.50	3758187.50	0.00387	
406387.50	3758162.50	0.00373	406387.50	3758137.50	0.00360	
406412.50	3758512.50	0.00715	406412.50	3758487.50	0.00675	
406412.50	3758462.50	0.00648	406412.50	3758437.50	0.00621	
406412.50	3758412.50	0.00587	406412.50	3758387.50	0.00562	
406412.50	3758362.50	0.00536	406412.50	3758337.50	0.00509	
406412.50	3758312.50	0.00485	406412.50	3758287.50	0.00462	
406412.50	3758262.50	0.00437	406412.50	3758237.50	0.00409	
406412.50	3758212.50	0.00391	406412.50	3758187.50	0.00376	
406412.50	3758162.50	0.00364	406412.50	3758137.50	0.00352	
406437.50	3758512.50	0.00702	406437.50	3758487.50	0.00668	

Appendix B

				PM Annual Emissions Mitigated			
406437.50	3758462.50	0.00633	406437.50	3758437.50	0.00603		
406437.50	3758412.50	0.00577	406437.50	3758387.50	0.00551		
406437.50	3758362.50	0.00522	406437.50	3758337.50	0.00500		
406437.50	3758312.50	0.00473	406437.50	3758287.50	0.00448		
406437.50	3758262.50	0.00420	406437.50	3758237.50	0.00394		
406437.50	3758212.50	0.00379	406437.50	3758187.50	0.00367		
406437.50	3758162.50	0.00356	406437.50	3758137.50	0.00346		
406462.50	3758512.50	0.00690	406462.50	3758487.50	0.00649		
* *** ISCST3 - VERSION 02035 ***		*** WHITTIER MATRIX OIL PROJECT		***		07/29/11	
		*** ANALYSIS ANNUAL PM emissions mitigated		***		12:01:02	
**MODELOPTs:						PAGE 59	
CONC	URBAN ELEV	FLGPOL	NOCALM				
		*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION		VALUES FOR SOURCE GROUP: 1		***	
		INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,					
*** DISCRETE CARTESIAN RECEPTOR POINTS ***							
		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
406462.50	3758462.50	0.00621	406462.50	3758437.50	0.00587		
406462.50	3758412.50	0.00559	406462.50	3758387.50	0.00536		
406462.50	3758362.50	0.00510	406462.50	3758337.50	0.00485		
406462.50	3758312.50	0.00464	406462.50	3758287.50	0.00438		
406462.50	3758262.50	0.00404	406462.50	3758237.50	0.00383		
406462.50	3758212.50	0.00371	406462.50	3758187.50	0.00361		
406462.50	3758162.50	0.00353	406462.50	3758137.50	0.00346		
406487.50	3758512.50	0.00679	406487.50	3758487.50	0.00639		
406487.50	3758462.50	0.00601	406487.50	3758437.50	0.00574		
406487.50	3758412.50	0.00541	406487.50	3758387.50	0.00519		
406487.50	3758362.50	0.00498	406487.50	3758337.50	0.00471		
406487.50	3758312.50	0.00454	406487.50	3758287.50	0.00431		
406487.50	3758262.50	0.00390	406487.50	3758237.50	0.00375		
406487.50	3758212.50	0.00369	406487.50	3758187.50	0.00363		
406487.50	3758162.50	0.00355	406487.50	3758137.50	0.00350		
406512.50	3758512.50	0.00658	406512.50	3758487.50	0.00618		
406512.50	3758462.50	0.00581	406512.50	3758437.50	0.00547		
406512.50	3758412.50	0.00524	406512.50	3758387.50	0.00503		
406512.50	3758362.50	0.00479	406512.50	3758337.50	0.00459		
406512.50	3758312.50	0.00438	406512.50	3758287.50	0.00409		
406512.50	3758262.50	0.00379	406512.50	3758237.50	0.00372		
406512.50	3758212.50	0.00380	406512.50	3758187.50	0.00371		
406512.50	3758162.50	0.00362	406512.50	3758137.50	0.00353		
406537.50	3758512.50	0.00641	406537.50	3758487.50	0.00597		
406537.50	3758462.50	0.00562	406537.50	3758437.50	0.00530		
406537.50	3758412.50	0.00509	406537.50	3758387.50	0.00483		
406537.50	3758362.50	0.00462	406537.50	3758337.50	0.00442		
406537.50	3758312.50	0.00424	406537.50	3758287.50	0.00407		
406537.50	3758262.50	0.00397	406537.50	3758237.50	0.00402		
406537.50	3758212.50	0.00387	406537.50	3758187.50	0.00373		
406537.50	3758162.50	0.00362	406537.50	3758137.50	0.00353		
406562.50	3758512.50	0.00622	406562.50	3758487.50	0.00578		
406562.50	3758462.50	0.00544	406562.50	3758437.50	0.00515		
406562.50	3758412.50	0.00488	406562.50	3758387.50	0.00463		
406562.50	3758362.50	0.00448	406562.50	3758337.50	0.00434		
406562.50	3758312.50	0.00423	406562.50	3758287.50	0.00416		
406562.50	3758262.50	0.00409	406562.50	3758237.50	0.00401		
406562.50	3758212.50	0.00388	406562.50	3758187.50	0.00378		
406562.50	3758162.50	0.00367	406562.50	3758137.50	0.00358		
406587.50	3758512.50	0.00606	406587.50	3758487.50	0.00563		
* *** ISCST3 - VERSION 02035 ***		*** WHITTIER MATRIX OIL PROJECT		***		07/29/11	
		*** ANALYSIS ANNUAL PM emissions mitigated		***		12:01:02	
**MODELOPTs:						PAGE 60	
CONC	URBAN ELEV	FLGPOL	NOCALM				
		*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION		VALUES FOR SOURCE GROUP: 1		***	
		INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,					
*** DISCRETE CARTESIAN RECEPTOR POINTS ***							
		** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		

Appendix B

			PM Annual Emissions Mitigated		
406587.50	3758462.50	0.00526	406587.50	3758437.50	0.00494
406587.50	3758412.50	0.00477	406587.50	3758387.50	0.00460
406587.50	3758362.50	0.00444	406587.50	3758337.50	0.00434
406587.50	3758312.50	0.00430	406587.50	3758287.50	0.00420
406587.50	3758262.50	0.00410	406587.50	3758237.50	0.00400
406587.50	3758212.50	0.00392	406587.50	3758187.50	0.00383
406587.50	3758162.50	0.00372	406587.50	3758137.50	0.00364
406612.50	3758512.50	0.00589	406612.50	3758487.50	0.00547
406612.50	3758462.50	0.00507	406612.50	3758437.50	0.00484
406612.50	3758412.50	0.00469	406612.50	3758387.50	0.00450
406612.50	3758362.50	0.00448	406612.50	3758337.50	0.00443
406612.50	3758312.50	0.00438	406612.50	3758287.50	0.00427
406612.50	3758262.50	0.00418	406612.50	3758237.50	0.00407
406612.50	3758212.50	0.00397	406612.50	3758187.50	0.00387
406612.50	3758162.50	0.00380	406612.50	3758137.50	0.00373
406637.50	3758512.50	0.00566	406637.50	3758487.50	0.00536
406637.50	3758462.50	0.00505	406637.50	3758437.50	0.00477
406637.50	3758412.50	0.00468	406637.50	3758387.50	0.00466
406637.50	3758362.50	0.00466	406637.50	3758337.50	0.00465
406637.50	3758312.50	0.00455	406637.50	3758287.50	0.00439
406637.50	3758262.50	0.00427	406637.50	3758237.50	0.00415
406637.50	3758212.50	0.00403	406637.50	3758187.50	0.00395
406637.50	3758162.50	0.00384	406637.50	3758137.50	0.00378
406662.50	3758512.50	0.00565	406662.50	3758487.50	0.00538
406662.50	3758462.50	0.00515	406662.50	3758437.50	0.00502
406662.50	3758412.50	0.00497	406662.50	3758387.50	0.00485
406662.50	3758362.50	0.00481	406662.50	3758337.50	0.00476
406662.50	3758312.50	0.00463	406662.50	3758287.50	0.00450
406662.50	3758262.50	0.00435	406662.50	3758237.50	0.00423
406662.50	3758212.50	0.00414	406662.50	3758187.50	0.00402
406662.50	3758162.50	0.00396	406662.50	3758137.50	0.00385
406687.50	3758512.50	0.00559	406687.50	3758487.50	0.00543
406687.50	3758462.50	0.00529	406687.50	3758437.50	0.00523
406687.50	3758412.50	0.00512	406687.50	3758387.50	0.00499
406687.50	3758362.50	0.00493	406687.50	3758337.50	0.00486
406687.50	3758312.50	0.00471	406687.50	3758287.50	0.00456
406687.50	3758262.50	0.00445	406687.50	3758237.50	0.00434
406687.50	3758212.50	0.00422	406687.50	3758187.50	0.00415
406687.50	3758162.50	0.00404	406687.50	3758137.50	0.00393
406712.50	3758512.50	0.00557	406712.50	3758487.50	0.00546

• *** ISCS3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions mitigated

*** 07/29/11
 *** 12:01:02
 *** PAGE 61

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406712.50	3758462.50	0.00540	406712.50	3758437.50	0.00530
406712.50	3758412.50	0.00525	406712.50	3758387.50	0.00515
406712.50	3758362.50	0.00505	406712.50	3758337.50	0.00495
406712.50	3758312.50	0.00479	406712.50	3758287.50	0.00464
406712.50	3758262.50	0.00457	406712.50	3758237.50	0.00444
406712.50	3758212.50	0.00437	406712.50	3758187.50	0.00425
406712.50	3758162.50	0.00414	406712.50	3758137.50	0.00403
406737.50	3758512.50	0.00565	406737.50	3758487.50	0.00557
406737.50	3758462.50	0.00554	406737.50	3758437.50	0.00544
406737.50	3758412.50	0.00537	406737.50	3758387.50	0.00530
406737.50	3758362.50	0.00523	406737.50	3758337.50	0.00506
406737.50	3758312.50	0.00493	406737.50	3758287.50	0.00483
406737.50	3758262.50	0.00469	406737.50	3758237.50	0.00462
406737.50	3758212.50	0.00449	406737.50	3758187.50	0.00437
406737.50	3758162.50	0.00426	406737.50	3758137.50	0.00415
406762.50	3758512.50	0.00576	406762.50	3758487.50	0.00576
406762.50	3758462.50	0.00568	406762.50	3758437.50	0.00564
406762.50	3758412.50	0.00554	406762.50	3758387.50	0.00545
406762.50	3758362.50	0.00539	406762.50	3758337.50	0.00528
406762.50	3758312.50	0.00513	406762.50	3758287.50	0.00499
406762.50	3758262.50	0.00490	406762.50	3758237.50	0.00477
406762.50	3758212.50	0.00468	406762.50	3758187.50	0.00452

Appendix B

				PM Annual Emissions Mitigated	
406762.50	3758162.50	0.00440	406762.50	3758137.50	0.00429
406787.50	3758512.50	0.00588	406787.50	3758487.50	0.00589
406787.50	3758462.50	0.00589	406787.50	3758437.50	0.00587
406787.50	3758412.50	0.00580	406787.50	3758387.50	0.00571
406787.50	3758362.50	0.00566	406787.50	3758337.50	0.00552
406787.50	3758312.50	0.00538	406787.50	3758287.50	0.00529
406787.50	3758262.50	0.00511	406787.50	3758237.50	0.00502
406787.50	3758212.50	0.00489	406787.50	3758187.50	0.00469
406787.50	3758162.50	0.00458	406787.50	3758137.50	0.00441
406812.50	3758512.50	0.00613	406812.50	3758487.50	0.00618
406812.50	3758462.50	0.00616	406812.50	3758437.50	0.00613
406812.50	3758412.50	0.00613	406812.50	3758387.50	0.00605
406812.50	3758362.50	0.00596	406812.50	3758337.50	0.00585
406812.50	3758312.50	0.00565	406812.50	3758287.50	0.00553
406812.50	3758262.50	0.00539	406812.50	3758237.50	0.00523
406812.50	3758212.50	0.00510	406812.50	3758187.50	0.00497
406812.50	3758162.50	0.00474	406812.50	3758137.50	0.00459
406837.50	3758512.50	0.00649	406837.50	3758487.50	0.00643
. *** ISCST3 - VERSION 02035 ***		*** WHITTIER MATRIX OIL PROJECT		***	
		*** ANALYSIS ANNUAL PM emissions mitigated		07/29/11	
**MODELOPTs:				12:01:02	
CONC		URBAN ELEV FLGPOL NOCALM		PAGE 62	
		*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION		VALUES FOR SOURCE GROUP: 1	
		INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,		***	
*** DISCRETE CARTESIAN RECEPTOR POINTS ***					
		** CONC OF OTHER		IN MICROGRAMS/M**3	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406837.50	3758462.50	0.00645	406837.50	3758437.50	0.00648
406837.50	3758412.50	0.00653	406837.50	3758387.50	0.00648
406837.50	3758362.50	0.00634	406837.50	3758337.50	0.00622
406837.50	3758312.50	0.00603	406837.50	3758287.50	0.00579
406837.50	3758262.50	0.00559	406837.50	3758237.50	0.00542
406837.50	3758212.50	0.00534	406837.50	3758187.50	0.00520
406837.50	3758162.50	0.00501	406837.50	3758137.50	0.00486
406862.50	3758512.50	0.00686	406862.50	3758487.50	0.00686
406862.50	3758462.50	0.00689	406862.50	3758437.50	0.00691
406862.50	3758412.50	0.00693	406862.50	3758387.50	0.00686
406862.50	3758362.50	0.00673	406862.50	3758337.50	0.00663
406862.50	3758312.50	0.00640	406862.50	3758287.50	0.00598
406862.50	3758262.50	0.00576	406862.50	3758237.50	0.00569
406862.50	3758212.50	0.00562	406862.50	3758187.50	0.00553
406862.50	3758162.50	0.00547	406862.50	3758137.50	0.00535
406887.50	3758512.50	0.00743	406887.50	3758487.50	0.00736
406887.50	3758462.50	0.00732	406887.50	3758437.50	0.00739
406887.50	3758412.50	0.00736	406887.50	3758387.50	0.00732
406887.50	3758362.50	0.00720	406887.50	3758337.50	0.00700
406887.50	3758312.50	0.00658	406887.50	3758287.50	0.00612
406887.50	3758262.50	0.00610	406887.50	3758237.50	0.00612
406887.50	3758212.50	0.00612	406887.50	3758187.50	0.00602
406887.50	3758162.50	0.00594	406887.50	3758137.50	0.00588
406912.50	3758512.50	0.00800	406912.50	3758487.50	0.00794
406912.50	3758462.50	0.00782	406912.50	3758437.50	0.00784
406912.50	3758412.50	0.00792	406912.50	3758387.50	0.00785
406912.50	3758362.50	0.00761	406912.50	3758337.50	0.00737
406912.50	3758312.50	0.00679	406912.50	3758287.50	0.00641
406912.50	3758262.50	0.00663	406912.50	3758237.50	0.00679
406912.50	3758212.50	0.00671	406912.50	3758187.50	0.00658
406912.50	3758162.50	0.00648	406912.50	3758137.50	0.00638
406937.50	3758512.50	0.00870	406937.50	3758487.50	0.00856
406937.50	3758462.50	0.00841	406937.50	3758437.50	0.00830
406937.50	3758412.50	0.00842	406937.50	3758387.50	0.00829
406937.50	3758362.50	0.00802	406937.50	3758337.50	0.00766
406937.50	3758312.50	0.00715	406937.50	3758287.50	0.00721
406937.50	3758262.50	0.00739	406937.50	3758237.50	0.00754
406937.50	3758212.50	0.00748	406937.50	3758187.50	0.00734
406937.50	3758162.50	0.00715	406937.50	3758137.50	0.00693
406962.50	3758512.50	0.00966	406962.50	3758487.50	0.00949
. *** ISCST3 - VERSION 02035 ***		*** WHITTIER MATRIX OIL PROJECT		***	
		*** ANALYSIS ANNUAL PM emissions mitigated		07/29/11	
**MODELOPTs:				12:01:02	
CONC		URBAN ELEV FLGPOL NOCALM		PAGE 63	

Appendix B

PM Annual Emissions Mitigated

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406962.50	3758462.50	0.00931	406962.50	3758437.50	0.00909
406962.50	3758412.50	0.00906	406962.50	3758387.50	0.00885
406962.50	3758362.50	0.00832	406962.50	3758337.50	0.00800
406962.50	3758312.50	0.00788	406962.50	3758287.50	0.00799
406962.50	3758262.50	0.00827	406962.50	3758237.50	0.00823
406962.50	3758212.50	0.00810	406962.50	3758187.50	0.00797
406962.50	3758162.50	0.00767	406962.50	3758137.50	0.00729
406987.50	3758512.50	0.01078	406987.50	3758487.50	0.01056
406987.50	3758462.50	0.01016	406987.50	3758437.50	0.00994
406987.50	3758412.50	0.00966	406987.50	3758387.50	0.00924
406987.50	3758362.50	0.00863	406987.50	3758337.50	0.00833
406987.50	3758312.50	0.00824	406987.50	3758287.50	0.00851
406987.50	3758262.50	0.00878	406987.50	3758237.50	0.00860
406987.50	3758212.50	0.00843	406987.50	3758187.50	0.00816
406987.50	3758162.50	0.00771	406987.50	3758137.50	0.00726
407012.50	3758512.50	0.01154	407012.50	3758487.50	0.01125
407012.50	3758462.50	0.01098	407012.50	3758437.50	0.01059
407012.50	3758412.50	0.01021	407012.50	3758387.50	0.00974
407012.50	3758362.50	0.00926	407012.50	3758337.50	0.00911
407012.50	3758312.50	0.00891	407012.50	3758287.50	0.00906
407012.50	3758262.50	0.00903	407012.50	3758237.50	0.00874
407012.50	3758212.50	0.00849	407012.50	3758187.50	0.00804
407012.50	3758162.50	0.00753	407012.50	3758137.50	0.00737
407037.50	3758512.50	0.01204	407037.50	3758487.50	0.01184
407037.50	3758462.50	0.01150	407037.50	3758437.50	0.01118
407037.50	3758412.50	0.01075	407037.50	3758387.50	0.01030
407037.50	3758362.50	0.01005	407037.50	3758337.50	0.00995
407037.50	3758312.50	0.00970	407037.50	3758287.50	0.00947
407037.50	3758262.50	0.00915	407037.50	3758237.50	0.00884
407037.50	3758212.50	0.00860	407037.50	3758187.50	0.00846
407037.50	3758162.50	0.00829	407037.50	3758137.50	0.00810
407062.50	3758512.50	0.01242	407062.50	3758487.50	0.01238
407062.50	3758462.50	0.01203	407062.50	3758437.50	0.01169
407062.50	3758412.50	0.01120	407062.50	3758387.50	0.01074
407062.50	3758362.50	0.01047	407062.50	3758337.50	0.01030
407062.50	3758312.50	0.01004	407062.50	3758287.50	0.00969
407062.50	3758262.50	0.00937	407062.50	3758237.50	0.00907
407062.50	3758212.50	0.00892	407062.50	3758187.50	0.00875
407062.50	3758162.50	0.00854	407062.50	3758137.50	0.00835
407087.50	3758512.50	0.01315	407087.50	3758487.50	0.01290

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions mitigated

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 *** 12:01:02
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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407087.50	3758462.50	0.01267	407087.50	3758437.50	0.01215
407087.50	3758412.50	0.01169	407087.50	3758387.50	0.01127
407087.50	3758362.50	0.01096	407087.50	3758337.50	0.01066
407087.50	3758312.50	0.01038	407087.50	3758287.50	0.01010
407087.50	3758262.50	0.00972	407087.50	3758237.50	0.00935
407087.50	3758212.50	0.00912	407087.50	3758187.50	0.00892
407087.50	3758162.50	0.00871	407087.50	3758137.50	0.00850
407112.50	3758512.50	0.01353	407112.50	3758487.50	0.01342
407112.50	3758462.50	0.01301	407112.50	3758437.50	0.01261
407112.50	3758412.50	0.01204	407112.50	3758387.50	0.01150
407112.50	3758362.50	0.01118	407112.50	3758337.50	0.01087
407112.50	3758312.50	0.01059	407112.50	3758287.50	0.01033

Appendix B

			PM Annual Emissions Mitigated		
407112.50	3758262.50	0.01003	407112.50	3758237.50	0.00967
407112.50	3758212.50	0.00941	407112.50	3758187.50	0.00916
407112.50	3758162.50	0.00886	407112.50	3758137.50	0.00854
407137.50	3758512.50	0.01401	407137.50	3758487.50	0.01403
407137.50	3758462.50	0.01359	407137.50	3758437.50	0.01283
407137.50	3758412.50	0.01228	407137.50	3758387.50	0.01174
407137.50	3758362.50	0.01129	407137.50	3758337.50	0.01109
407137.50	3758312.50	0.01078	407137.50	3758287.50	0.01061
407137.50	3758262.50	0.01021	407137.50	3758237.50	0.00993
407137.50	3758212.50	0.00952	407137.50	3758187.50	0.00932
407137.50	3758162.50	0.00908	407137.50	3758137.50	0.00876
407162.50	3758512.50	0.01426	407162.50	3758487.50	0.01423
407162.50	3758462.50	0.01403	407162.50	3758437.50	0.01310
407162.50	3758412.50	0.01245	407162.50	3758387.50	0.01200
407162.50	3758362.50	0.01151	407162.50	3758337.50	0.01118
407162.50	3758312.50	0.01101	407162.50	3758287.50	0.01070
407162.50	3758262.50	0.01041	407162.50	3758237.50	0.01016
407162.50	3758212.50	0.00991	407162.50	3758187.50	0.00966
407162.50	3758162.50	0.00939	407162.50	3758137.50	0.00896
407187.50	3758512.50	0.01543	407187.50	3758487.50	0.01519
407187.50	3758462.50	0.01429	407187.50	3758437.50	0.01338
407187.50	3758412.50	0.01255	407187.50	3758387.50	0.01201
407187.50	3758362.50	0.01167	407187.50	3758337.50	0.01134
407187.50	3758312.50	0.01104	407187.50	3758287.50	0.01084
407187.50	3758262.50	0.01056	407187.50	3758237.50	0.01037
407187.50	3758212.50	0.01023	407187.50	3758187.50	0.01009
407187.50	3758162.50	0.00976	407187.50	3758137.50	0.00931
407212.50	3758512.50	0.01521	407212.50	3758487.50	0.01476
*** ICST3 - VERSION 02035 ***					
*** WHITTIER MATRIX OIL PROJECT ***					
*** ANALYSIS ANNUAL PM emissions mitigated ***					
**MODELOPTs:					
CONC	URBAN ELEV	FLGPOL	NOCALM		
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***					
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,					
*** DISCRETE CARTESIAN RECEPTOR POINTS ***					
** CONC OF OTHER IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407212.50	3758462.50	0.01411	407212.50	3758437.50	0.01365
407212.50	3758412.50	0.01278	407212.50	3758387.50	0.01205
407212.50	3758362.50	0.01169	407212.50	3758337.50	0.01136
407212.50	3758312.50	0.01106	407212.50	3758287.50	0.01078
407212.50	3758262.50	0.01059	407212.50	3758237.50	0.01040
407212.50	3758212.50	0.01038	407212.50	3758187.50	0.01020
407212.50	3758162.50	0.00989	407212.50	3758137.50	0.00936
407237.50	3758512.50	0.01463	407237.50	3758487.50	0.01431
407237.50	3758462.50	0.01387	407237.50	3758437.50	0.01334
407237.50	3758412.50	0.01263	407237.50	3758387.50	0.01195
407237.50	3758362.50	0.01151	407237.50	3758337.50	0.01120
407237.50	3758312.50	0.01096	407237.50	3758287.50	0.01074
407237.50	3758262.50	0.01047	407237.50	3758237.50	0.01022
407237.50	3758212.50	0.01014	407237.50	3758187.50	0.00989
407237.50	3758162.50	0.00952	407237.50	3758137.50	0.00909
407262.50	3758512.50	0.01392	407262.50	3758487.50	0.01364
407262.50	3758462.50	0.01329	407262.50	3758437.50	0.01307
407262.50	3758412.50	0.01256	407262.50	3758387.50	0.01167
407262.50	3758362.50	0.01118	407262.50	3758337.50	0.01091
407262.50	3758312.50	0.01074	407262.50	3758287.50	0.01048
407262.50	3758262.50	0.01029	407262.50	3758237.50	0.00998
407262.50	3758212.50	0.00966	407262.50	3758187.50	0.00938
407262.50	3758162.50	0.00908	407262.50	3758137.50	0.00872
407287.50	3758512.50	0.01316	407287.50	3758487.50	0.01278
407287.50	3758462.50	0.01261	407287.50	3758437.50	0.01240
407287.50	3758412.50	0.01201	407287.50	3758387.50	0.01128
407287.50	3758362.50	0.01069	407287.50	3758337.50	0.01052
407287.50	3758312.50	0.01036	407287.50	3758287.50	0.01015
407287.50	3758262.50	0.00992	407287.50	3758237.50	0.00953
407287.50	3758212.50	0.00907	407287.50	3758187.50	0.00882
407287.50	3758162.50	0.00869	407287.50	3758137.50	0.00836
407312.50	3758512.50	0.01248	407312.50	3758487.50	0.01232
407312.50	3758462.50	0.01192	407312.50	3758437.50	0.01160
407312.50	3758412.50	0.01126	407312.50	3758387.50	0.01076

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Appendix B

		PM Annual Emissions Mitigated			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407312.50	3758362.50	0.01013	407312.50	3758337.50	0.00988
407312.50	3758312.50	0.00976	407312.50	3758287.50	0.00956
407312.50	3758262.50	0.00924	407312.50	3758237.50	0.00878
407312.50	3758212.50	0.00845	407312.50	3758187.50	0.00829
407312.50	3758162.50	0.00824	407312.50	3758137.50	0.00810
407337.50	3758512.50	0.01250	407337.50	3758487.50	0.01219
• *** ISCST3 - VERSION 02035 ***		*** WHITTIER MATRIX OIL PROJECT		***	
		*** ANALYSIS ANNUAL PM emissions mitigated		07/29/11	
**MODELOPTs:				12:01:02	
CONC				PAGE 66	
URBAN ELEV		NOCALM			
FLGPOL					
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1					
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,					
*** DISCRETE CARTESIAN RECEPTOR POINTS ***					
** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407337.50	3758462.50	0.01107	407337.50	3758437.50	0.01073
407337.50	3758412.50	0.01039	407337.50	3758387.50	0.01004
407337.50	3758362.50	0.00940	407337.50	3758337.50	0.00913
407337.50	3758312.50	0.00890	407337.50	3758287.50	0.00866
407337.50	3758262.50	0.00841	407337.50	3758237.50	0.00814
407337.50	3758212.50	0.00787	407337.50	3758187.50	0.00773
407337.50	3758162.50	0.00777	407337.50	3758137.50	0.00768
407362.50	3758512.50	0.01145	407362.50	3758487.50	0.01122
407362.50	3758462.50	0.01014	407362.50	3758437.50	0.00983
407362.50	3758412.50	0.00955	407362.50	3758387.50	0.00925
407362.50	3758362.50	0.00877	407362.50	3758337.50	0.00846
407362.50	3758312.50	0.00813	407362.50	3758287.50	0.00786
407362.50	3758262.50	0.00764	407362.50	3758237.50	0.00725
407362.50	3758212.50	0.00714	407362.50	3758187.50	0.00699
407362.50	3758162.50	0.00705	407362.50	3758137.50	0.00708
407387.50	3758512.50	0.01050	407387.50	3758487.50	0.01029
407387.50	3758462.50	0.00922	407387.50	3758437.50	0.00889
407387.50	3758412.50	0.00873	407387.50	3758387.50	0.00852
407387.50	3758362.50	0.00815	407387.50	3758337.50	0.00794
407387.50	3758312.50	0.00761	407387.50	3758287.50	0.00730
407387.50	3758262.50	0.00696	407387.50	3758237.50	0.00664
407387.50	3758212.50	0.00633	407387.50	3758187.50	0.00595
407387.50	3758162.50	0.00590	407387.50	3758137.50	0.00591
407412.50	3758512.50	0.00895	407412.50	3758487.50	0.00875
407412.50	3758462.50	0.00844	407412.50	3758437.50	0.00813
407412.50	3758412.50	0.00794	407412.50	3758387.50	0.00782
407412.50	3758362.50	0.00758	407412.50	3758337.50	0.00735
407412.50	3758312.50	0.00718	407412.50	3758287.50	0.00689
407412.50	3758262.50	0.00662	407412.50	3758237.50	0.00628
407412.50	3758212.50	0.00595	407412.50	3758187.50	0.00566
407412.50	3758162.50	0.00552	407412.50	3758137.50	0.00539
407437.50	3758512.50	0.00922	407437.50	3758487.50	0.00902
407437.50	3758462.50	0.00886	407437.50	3758437.50	0.00787
407437.50	3758412.50	0.00753	407437.50	3758387.50	0.00729
407437.50	3758362.50	0.00706	407437.50	3758337.50	0.00690
407437.50	3758312.50	0.00675	407437.50	3758287.50	0.00660
407437.50	3758262.50	0.00625	407437.50	3758237.50	0.00599
407437.50	3758212.50	0.00584	407437.50	3758187.50	0.00575
407437.50	3758162.50	0.00561	407437.50	3758137.50	0.00538
407462.50	3758512.50	0.01034	407462.50	3758487.50	0.01027
• *** ISCST3 - VERSION 02035 ***		*** WHITTIER MATRIX OIL PROJECT		***	
		*** ANALYSIS ANNUAL PM emissions mitigated		07/29/11	
**MODELOPTs:				12:01:02	
CONC				PAGE 67	
URBAN ELEV		NOCALM			
FLGPOL					
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1					
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,					
*** DISCRETE CARTESIAN RECEPTOR POINTS ***					
** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407462.50	3758462.50	0.01006	407462.50	3758437.50	0.00825
407462.50	3758412.50	0.00722	407462.50	3758387.50	0.00685

Appendix B

			PM Annual Emissions Mitigated			
407462.50	3758362.50	0.00653	407462.50	3758337.50	0.00641	
407462.50	3758312.50	0.00632	407462.50	3758287.50	0.00624	
407462.50	3758262.50	0.00607	407462.50	3758237.50	0.00578	
407462.50	3758212.50	0.00564	407462.50	3758187.50	0.00554	
407462.50	3758162.50	0.00540	407462.50	3758137.50	0.00528	
407487.50	3758512.50	0.00946	407487.50	3758487.50	0.00925	
407487.50	3758462.50	0.00924	407487.50	3758437.50	0.00774	
407487.50	3758412.50	0.00684	407487.50	3758387.50	0.00646	
407487.50	3758362.50	0.00618	407487.50	3758337.50	0.00603	
407487.50	3758312.50	0.00593	407487.50	3758287.50	0.00588	
407487.50	3758262.50	0.00580	407487.50	3758237.50	0.00567	
407487.50	3758212.50	0.00555	407487.50	3758187.50	0.00539	
407487.50	3758162.50	0.00529	407487.50	3758137.50	0.00519	
407512.50	3758512.50	0.00729	407512.50	3758487.50	0.00714	
407512.50	3758462.50	0.00750	407512.50	3758437.50	0.00681	
407512.50	3758412.50	0.00641	407512.50	3758387.50	0.00611	
407512.50	3758362.50	0.00590	407512.50	3758337.50	0.00586	
407512.50	3758312.50	0.00576	407512.50	3758287.50	0.00566	
407512.50	3758262.50	0.00557	407512.50	3758237.50	0.00545	
407512.50	3758212.50	0.00537	407512.50	3758187.50	0.00527	
407512.50	3758162.50	0.00518	407512.50	3758137.50	0.00505	
407537.50	3758512.50	0.00088	407537.50	3758487.50	0.00086	
407537.50	3758462.50	0.00084	407537.50	3758437.50	0.00082	
407537.50	3758412.50	0.00081	407537.50	3758387.50	0.00079	
407537.50	3758362.50	0.00078	407537.50	3758337.50	0.00077	
407537.50	3758312.50	0.00076	407537.50	3758287.50	0.00075	
407537.50	3758262.50	0.00074	407537.50	3758237.50	0.00073	
407537.50	3758212.50	0.00073	407537.50	3758187.50	0.00072	
407537.50	3758162.50	0.00072	407537.50	3758137.50	0.00071	
407562.50	3758512.50	0.00090	407562.50	3758487.50	0.00087	
407562.50	3758462.50	0.00085	407562.50	3758437.50	0.00083	
407562.50	3758412.50	0.00082	407562.50	3758387.50	0.00080	
407562.50	3758362.50	0.00079	407562.50	3758337.50	0.00077	
407562.50	3758312.50	0.00076	407562.50	3758287.50	0.00075	
407562.50	3758262.50	0.00074	407562.50	3758237.50	0.00073	
407562.50	3758212.50	0.00072	407562.50	3758187.50	0.00072	
407562.50	3758162.50	0.00071	407562.50	3758137.50	0.00071	
407587.50	3758512.50	0.00092	407587.50	3758487.50	0.00089	
* *** ISCST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			*** 07/29/11
MODELOPTs:			* ANALYSIS ANNUAL PM emissions mitigated			*** 12:01:02
CONC						PAGE 68
URBAN ELEV			NOCALM			
FLG POL						
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***						
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,						
*** DISCRETE CARTESIAN RECEPTOR POINTS ***						
** CONC OF OTHER IN MICROGRAMS/M**3 **						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
407587.50	3758462.50	0.00087	407587.50	3758437.50	0.00085	
407587.50	3758412.50	0.00083	407587.50	3758387.50	0.00081	
407587.50	3758362.50	0.00079	407587.50	3758337.50	0.00078	
407587.50	3758312.50	0.00077	407587.50	3758287.50	0.00075	
407587.50	3758262.50	0.00074	407587.50	3758237.50	0.00073	
407587.50	3758212.50	0.00072	407587.50	3758187.50	0.00072	
407587.50	3758162.50	0.00071	407587.50	3758137.50	0.00070	
407612.50	3758512.50	0.00094	407612.50	3758487.50	0.00091	
407612.50	3758462.50	0.00089	407612.50	3758437.50	0.00086	
407612.50	3758412.50	0.00084	407612.50	3758387.50	0.00082	
407612.50	3758362.50	0.00081	407612.50	3758337.50	0.00079	
407612.50	3758312.50	0.00077	407612.50	3758287.50	0.00076	
407612.50	3758262.50	0.00075	407612.50	3758237.50	0.00074	
407612.50	3758212.50	0.00073	407612.50	3758187.50	0.00072	
407612.50	3758162.50	0.00071	407612.50	3758137.50	0.00070	
407637.50	3758512.50	0.00096	407637.50	3758487.50	0.00093	
407637.50	3758462.50	0.00090	407637.50	3758437.50	0.00088	
407637.50	3758412.50	0.00086	407637.50	3758387.50	0.00084	
407637.50	3758362.50	0.00082	407637.50	3758337.50	0.00080	
407637.50	3758312.50	0.00078	407637.50	3758287.50	0.00077	
407637.50	3758262.50	0.00076	407637.50	3758237.50	0.00074	
407637.50	3758212.50	0.00073	407637.50	3758187.50	0.00072	
407637.50	3758162.50	0.00071	407637.50	3758137.50	0.00070	
407662.50	3758512.50	0.00098	407662.50	3758487.50	0.00095	

Appendix B

				PM Annual Emissions Mitigated	
407662.50	3758462.50	0.00092	407662.50	3758437.50	0.00090
407662.50	3758412.50	0.00088	407662.50	3758387.50	0.00085
407662.50	3758362.50	0.00083	407662.50	3758337.50	0.00081
407662.50	3758312.50	0.00080	407662.50	3758287.50	0.00078
407662.50	3758262.50	0.00076	407662.50	3758237.50	0.00075
407662.50	3758212.50	0.00074	407662.50	3758187.50	0.00073
407662.50	3758162.50	0.00072	407662.50	3758137.50	0.00071
407687.50	3758512.50	0.00100	407687.50	3758487.50	0.00097
407687.50	3758462.50	0.00094	407687.50	3758437.50	0.00092
407687.50	3758412.50	0.00089	407687.50	3758387.50	0.00087
407687.50	3758362.50	0.00085	407687.50	3758337.50	0.00083
407687.50	3758312.50	0.00081	407687.50	3758287.50	0.00079
407687.50	3758262.50	0.00078	407687.50	3758237.50	0.00076
407687.50	3758212.50	0.00075	407687.50	3758187.50	0.00073
407687.50	3758162.50	0.00072	407687.50	3758137.50	0.00071
407712.50	3758512.50	0.00102	407712.50	3758487.50	0.00099
. *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11					
*** ANALYSIS ANNUAL PM emissions mitigated *** 12:01:02					
**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 69					
CONC					
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***					
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,					
*** DISCRETE CARTESIAN RECEPTOR POINTS ***					
** CONC OF OTHER IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407712.50	3758462.50	0.00096	407712.50	3758437.50	0.00094
407712.50	3758412.50	0.00091	407712.50	3758387.50	0.00089
407712.50	3758362.50	0.00087	407712.50	3758337.50	0.00084
407712.50	3758312.50	0.00082	407712.50	3758287.50	0.00081
407712.50	3758262.50	0.00079	407712.50	3758237.50	0.00077
407712.50	3758212.50	0.00076	407712.50	3758187.50	0.00074
407712.50	3758162.50	0.00073	407712.50	3758137.50	0.00072
407737.50	3758512.50	0.00104	407737.50	3758487.50	0.00101
407737.50	3758462.50	0.00098	407737.50	3758437.50	0.00096
407737.50	3758412.50	0.00093	407737.50	3758387.50	0.00091
407737.50	3758362.50	0.00088	407737.50	3758337.50	0.00086
407737.50	3758312.50	0.00084	407737.50	3758287.50	0.00082
407737.50	3758262.50	0.00080	407737.50	3758237.50	0.00078
407737.50	3758212.50	0.00077	407737.50	3758187.50	0.00075
407737.50	3758162.50	0.00074	407737.50	3758137.50	0.00073
407762.50	3758512.50	0.00106	407762.50	3758487.50	0.00103
407762.50	3758462.50	0.00100	407762.50	3758437.50	0.00098
407762.50	3758412.50	0.00095	407762.50	3758387.50	0.00093
407762.50	3758362.50	0.00090	407762.50	3758337.50	0.00088
407762.50	3758312.50	0.00086	407762.50	3758287.50	0.00084
407762.50	3758262.50	0.00082	407762.50	3758237.50	0.00080
407762.50	3758212.50	0.00078	407762.50	3758187.50	0.00077
407762.50	3758162.50	0.00075	407762.50	3758137.50	0.00074
407787.50	3758512.50	0.00107	407787.50	3758487.50	0.00105
407787.50	3758462.50	0.00102	407787.50	3758437.50	0.00100
407787.50	3758412.50	0.00097	407787.50	3758387.50	0.00095
407787.50	3758362.50	0.00092	407787.50	3758337.50	0.00090
407787.50	3758312.50	0.00088	407787.50	3758287.50	0.00085
407787.50	3758262.50	0.00083	407787.50	3758237.50	0.00081
407787.50	3758212.50	0.00080	407787.50	3758187.50	0.00078
407787.50	3758162.50	0.00076	407787.50	3758137.50	0.00075
407812.50	3758512.50	0.00108	407812.50	3758487.50	0.00106
407812.50	3758462.50	0.00104	407812.50	3758437.50	0.00101
407812.50	3758412.50	0.00099	407812.50	3758387.50	0.00096
407812.50	3758362.50	0.00094	407812.50	3758337.50	0.00092
407812.50	3758312.50	0.00089	407812.50	3758287.50	0.00087
407812.50	3758262.50	0.00085	407812.50	3758237.50	0.00083
407812.50	3758212.50	0.00081	407812.50	3758187.50	0.00079
407812.50	3758162.50	0.00078	407812.50	3758137.50	0.00076
407837.50	3758512.50	0.00110	407837.50	3758487.50	0.00107
. *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11					
*** ANALYSIS ANNUAL PM emissions mitigated *** 12:01:02					
**MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 70					
CONC					
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***					

Appendix B

INCLUDING SOURCE(S): 1 , 2 , 3 , 4 , PM Annual Emissions Mitigated

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
407837.50	3758462.50	0.00105	407837.50	3758437.50	0.00103		
407837.50	3758412.50	0.00101	407837.50	3758387.50	0.00098		
407837.50	3758362.50	0.00096	407837.50	3758337.50	0.00094		
407837.50	3758312.50	0.00091	407837.50	3758287.50	0.00089		
407837.50	3758262.50	0.00087	407837.50	3758237.50	0.00085		
407837.50	3758212.50	0.00083	407837.50	3758187.50	0.00081		
407837.50	3758162.50	0.00079	407837.50	3758137.50	0.00077		
407862.50	3758512.50	0.00110	407862.50	3758487.50	0.00109		
407862.50	3758462.50	0.00106	407862.50	3758437.50	0.00104		
407862.50	3758412.50	0.00102	407862.50	3758387.50	0.00100		
407862.50	3758362.50	0.00098	407862.50	3758337.50	0.00096		
407862.50	3758312.50	0.00093	407862.50	3758287.50	0.00091		
407862.50	3758262.50	0.00089	407862.50	3758237.50	0.00087		
407862.50	3758212.50	0.00085	407862.50	3758187.50	0.00083		
407862.50	3758162.50	0.00081	407862.50	3758137.50	0.00079		
407887.50	3758512.50	0.00111	407887.50	3758487.50	0.00109		
407887.50	3758462.50	0.00108	407887.50	3758437.50	0.00106		
407887.50	3758412.50	0.00104	407887.50	3758387.50	0.00102		
407887.50	3758362.50	0.00100	407887.50	3758337.50	0.00097		
407887.50	3758312.50	0.00095	407887.50	3758287.50	0.00093		
407887.50	3758262.50	0.00091	407887.50	3758237.50	0.00089		
407887.50	3758212.50	0.00087	407887.50	3758187.50	0.00085		
407887.50	3758162.50	0.00083	407887.50	3758137.50	0.00081		
407912.50	3758512.50	0.00111	407912.50	3758487.50	0.00110		
407912.50	3758462.50	0.00108	407912.50	3758437.50	0.00107		
407912.50	3758412.50	0.00105	407912.50	3758387.50	0.00103		
407912.50	3758362.50	0.00101	407912.50	3758337.50	0.00099		
407912.50	3758312.50	0.00097	407912.50	3758287.50	0.00095		
407912.50	3758262.50	0.00093	407912.50	3758237.50	0.00091		
407912.50	3758212.50	0.00089	407912.50	3758187.50	0.00087		
407912.50	3758162.50	0.00085	407912.50	3758137.50	0.00083		
407937.50	3758512.50	0.00112	407937.50	3758487.50	0.00110		
407937.50	3758462.50	0.00109	407937.50	3758437.50	0.00107		
407937.50	3758412.50	0.00106	407937.50	3758387.50	0.00104		
407937.50	3758362.50	0.00102	407937.50	3758337.50	0.00101		
407937.50	3758312.50	0.00099	407937.50	3758287.50	0.00097		
407937.50	3758262.50	0.00095	407937.50	3758237.50	0.00093		
407937.50	3758212.50	0.00091	407937.50	3758187.50	0.00089		
407937.50	3758162.50	0.00086	407937.50	3758137.50	0.00085		
407962.50	3758512.50	0.00111	407962.50	3758487.50	0.00110		

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions mitigated

*** 07/29/11
 *** 12:01:02
 *** PAGE 71

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 , ***

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
407962.50	3758462.50	0.00109	407962.50	3758437.50	0.00108		
407962.50	3758412.50	0.00107	407962.50	3758387.50	0.00105		
407962.50	3758362.50	0.00104	407962.50	3758337.50	0.00102		
407962.50	3758312.50	0.00100	407962.50	3758287.50	0.00098		
407962.50	3758262.50	0.00096	407962.50	3758237.50	0.00094		
407962.50	3758212.50	0.00092	407962.50	3758187.50	0.00090		
407962.50	3758162.50	0.00088	407962.50	3758137.50	0.00086		
407987.50	3758512.50	0.00111	407987.50	3758487.50	0.00110		
407987.50	3758462.50	0.00109	407987.50	3758437.50	0.00108		
407987.50	3758412.50	0.00107	407987.50	3758387.50	0.00106		
407987.50	3758362.50	0.00104	407987.50	3758337.50	0.00103		
407987.50	3758312.50	0.00101	407987.50	3758287.50	0.00100		
407987.50	3758262.50	0.00098	407987.50	3758237.50	0.00096		
407987.50	3758212.50	0.00094	407987.50	3758187.50	0.00092		

Appendix B

			PM Annual Emissions Mitigated		
407987.50	3758162.50	0.00090	407987.50	3758137.50	0.00088
408012.50	3758512.50	0.00111	408012.50	3758487.50	0.00110
408012.50	3758462.50	0.00109	408012.50	3758437.50	0.00108
408012.50	3758412.50	0.00107	408012.50	3758387.50	0.00106
408012.50	3758362.50	0.00105	408012.50	3758337.50	0.00104
408012.50	3758312.50	0.00102	408012.50	3758287.50	0.00101
408012.50	3758262.50	0.00099	408012.50	3758237.50	0.00098
408012.50	3758212.50	0.00096	408012.50	3758187.50	0.00094
408012.50	3758162.50	0.00092	408012.50	3758137.50	0.00090
408037.50	3758512.50	0.00110	408037.50	3758487.50	0.00109
408037.50	3758462.50	0.00109	408037.50	3758437.50	0.00108
408037.50	3758412.50	0.00107	408037.50	3758387.50	0.00107
408037.50	3758362.50	0.00106	408037.50	3758337.50	0.00105
408037.50	3758312.50	0.00103	408037.50	3758287.50	0.00102
408037.50	3758262.50	0.00101	408037.50	3758237.50	0.00099
408037.50	3758212.50	0.00098	408037.50	3758187.50	0.00096
408037.50	3758162.50	0.00094	408037.50	3758137.50	0.00092
408062.50	3758512.50	0.00109	408062.50	3758487.50	0.00109
408062.50	3758462.50	0.00108	408062.50	3758437.50	0.00108
408062.50	3758412.50	0.00107	408062.50	3758387.50	0.00107
408062.50	3758362.50	0.00106	408062.50	3758337.50	0.00105
408062.50	3758312.50	0.00104	408062.50	3758287.50	0.00103
408062.50	3758262.50	0.00102	408062.50	3758237.50	0.00100
408062.50	3758212.50	0.00099	408062.50	3758187.50	0.00097
408062.50	3758162.50	0.00096	408062.50	3758137.50	0.00094
408087.50	3758512.50	0.00108	408087.50	3758487.50	0.00108

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions mitigated

*** 07/29/11
 *** 12:01:02
 *** PAGE 72

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
408087.50	3758462.50	0.00108	408087.50	3758437.50	0.00107
408087.50	3758412.50	0.00107	408087.50	3758387.50	0.00107
408087.50	3758362.50	0.00106	408087.50	3758337.50	0.00105
408087.50	3758312.50	0.00104	408087.50	3758287.50	0.00104
408087.50	3758262.50	0.00102	408087.50	3758237.50	0.00101
408087.50	3758212.50	0.00100	408087.50	3758187.50	0.00099
408087.50	3758162.50	0.00097	408087.50	3758137.50	0.00096
408112.50	3758512.50	0.00107	408112.50	3758487.50	0.00107
408112.50	3758462.50	0.00107	408112.50	3758437.50	0.00107
408112.50	3758412.50	0.00107	408112.50	3758387.50	0.00106
408112.50	3758362.50	0.00106	408112.50	3758337.50	0.00105
408112.50	3758312.50	0.00105	408112.50	3758287.50	0.00104
408112.50	3758262.50	0.00103	408112.50	3758237.50	0.00102
408112.50	3758212.50	0.00101	408112.50	3758187.50	0.00100
408112.50	3758162.50	0.00098	408112.50	3758137.50	0.00097
405962.50	3758562.50	0.00586	406012.50	3758562.50	0.00618
406062.50	3758562.50	0.00642	406112.50	3758562.50	0.00669
406162.50	3758562.50	0.00693	406212.50	3758562.50	0.00722
406262.50	3758562.50	0.00753	406312.50	3758562.50	0.00777
406362.50	3758562.50	0.00783	406412.50	3758562.50	0.00786
406462.50	3758562.50	0.00768	405962.50	3760012.50	0.01150
405962.50	3759962.50	0.01186	405962.50	3759912.50	0.01297
405962.50	3759862.50	0.01451	405962.50	3759812.50	0.01609
405962.50	3759762.50	0.01799	405962.50	3759712.50	0.02104
405962.50	3759662.50	0.02646	405962.50	3759612.50	0.02770
405962.50	3759562.50	0.02975	405962.50	3759512.50	0.03170
405962.50	3759462.50	0.03170	405962.50	3759412.50	0.02631
405962.50	3759362.50	0.02261	405962.50	3759312.50	0.01922
405962.50	3759262.50	0.01550	405962.50	3759212.50	0.01243
405962.50	3759162.50	0.01077	405962.50	3759112.50	0.00941
405962.50	3759062.50	0.00831	405962.50	3759012.50	0.00765
405962.50	3758962.50	0.00722	405962.50	3758912.50	0.00688
405962.50	3758862.50	0.00672	405962.50	3758812.50	0.00660
405962.50	3758762.50	0.00643	405962.50	3758712.50	0.00632
405962.50	3758662.50	0.00618	405962.50	3758612.50	0.00608
406012.50	3760012.50	0.01244	406012.50	3759962.50	0.01283

Appendix B

406012.50	3759912.50	0.01400	406012.50	3759862.50	0.01531
406012.50	3759812.50	0.01689	406012.50	3759762.50	0.01888
406012.50	3759712.50	0.02107	406012.50	3759662.50	0.02770
406012.50	3759612.50	0.03008	406012.50	3759562.50	0.03167

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions mitigated *** 12:01:02
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 73
 CONC

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406012.50	3759512.50	0.03390	406012.50	3759462.50	0.02864
406012.50	3759412.50	0.02586	406012.50	3759362.50	0.02344
406012.50	3759312.50	0.01999	406012.50	3759262.50	0.01666
406012.50	3759212.50	0.01279	406012.50	3759162.50	0.01125
406012.50	3759112.50	0.00987	406012.50	3759062.50	0.00875
406012.50	3759012.50	0.00803	406012.50	3758962.50	0.00774
406012.50	3758912.50	0.00742	406012.50	3758862.50	0.00714
406012.50	3758812.50	0.00699	406012.50	3758762.50	0.00690
406012.50	3758712.50	0.00671	406012.50	3758662.50	0.00651
406012.50	3758612.50	0.00634	406062.50	3760012.50	0.01373
406062.50	3759812.50	0.02026	406062.50	3759762.50	0.02280
406062.50	3759712.50	0.02583	406062.50	3759662.50	0.02952
406062.50	3759612.50	0.03143	406062.50	3759562.50	0.02737
406062.50	3759512.50	0.02663	406062.50	3759462.50	0.02642
406062.50	3759412.50	0.02468	406062.50	3759362.50	0.02201
406062.50	3759312.50	0.01976	406062.50	3759262.50	0.01565
406062.50	3759212.50	0.01367	406062.50	3759162.50	0.01187
406062.50	3759112.50	0.01043	406062.50	3759062.50	0.00937
406062.50	3759012.50	0.00870	406062.50	3758962.50	0.00834
406062.50	3758912.50	0.00799	406062.50	3758862.50	0.00773
406062.50	3758812.50	0.00758	406062.50	3758762.50	0.00735
406062.50	3758712.50	0.00713	406062.50	3758662.50	0.00688
406062.50	3758612.50	0.00668	406112.50	3760012.50	0.01518
406112.50	3759812.50	0.01587	406112.50	3759762.50	0.01772
406112.50	3759712.50	0.02009	406112.50	3759662.50	0.02269
406112.50	3759612.50	0.02513	406112.50	3759562.50	0.02684
406112.50	3759512.50	0.02762	406112.50	3759462.50	0.02487
406112.50	3759412.50	0.02354	406112.50	3759362.50	0.02201
406112.50	3759312.50	0.02010	406112.50	3759262.50	0.01750
406112.50	3759212.50	0.01460	406112.50	3759162.50	0.01261
406112.50	3759112.50	0.01112	406112.50	3759062.50	0.01004
406112.50	3759012.50	0.00950	406112.50	3758962.50	0.00900
406112.50	3758912.50	0.00870	406112.50	3758862.50	0.00848
406112.50	3758812.50	0.00818	406112.50	3758762.50	0.00788
406112.50	3758712.50	0.00760	406112.50	3758662.50	0.00728
406112.50	3758612.50	0.00696	406162.50	3760012.50	0.01954
406162.50	3759812.50	0.01815	406162.50	3759462.50	0.02817
406162.50	3759412.50	0.02906	406162.50	3759362.50	0.02674
406162.50	3759312.50	0.02392	406162.50	3759262.50	0.01892
406162.50	3759212.50	0.01565	406162.50	3759162.50	0.01343

• *** ISCST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
 *** ANALYSIS ANNUAL PM emissions mitigated *** 12:01:02
 **MODELOPTs: URBAN ELEV FLGPOL NOCALM PAGE 74
 CONC

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406162.50	3759112.50	0.01188	406162.50	3759062.50	0.01082
406162.50	3759012.50	0.01026	406162.50	3758962.50	0.00991
406162.50	3758912.50	0.00943	406162.50	3758862.50	0.00917
406162.50	3758812.50	0.00881	406162.50	3758762.50	0.00838

Appendix B

			PM Annual Emissions Mitigated				
406162.50	3758712.50	0.00799	406162.50	3758662.50	0.00766		
406162.50	3758612.50	0.00726	406212.50	3759412.50	0.03432		
406212.50	3759362.50	0.03119	406212.50	3759312.50	0.02592		
406212.50	3759262.50	0.02073	406212.50	3759212.50	0.01670		
406212.50	3759162.50	0.01427	406212.50	3759112.50	0.01272		
406212.50	3759062.50	0.01176	406212.50	3759012.50	0.01102		
406212.50	3758962.50	0.01068	406212.50	3758912.50	0.01019		
406212.50	3758862.50	0.00978	406212.50	3758812.50	0.00941		
406212.50	3758762.50	0.00879	406212.50	3758712.50	0.00834		
406212.50	3758662.50	0.00797	406212.50	3758612.50	0.00761		
406262.50	3759412.50	0.04058	406262.50	3759362.50	0.03325		
406262.50	3759312.50	0.02717	406262.50	3759262.50	0.02228		
406262.50	3759212.50	0.01789	406262.50	3759162.50	0.01536		
406262.50	3759112.50	0.01366	406262.50	3759062.50	0.01264		
406262.50	3759012.50	0.01177	406262.50	3758962.50	0.01134		
406262.50	3758912.50	0.01087	406262.50	3758862.50	0.01028		
406262.50	3758812.50	0.00983	406262.50	3758762.50	0.00923		
406262.50	3758712.50	0.00878	406262.50	3758662.50	0.00828		
406262.50	3758612.50	0.00790	406312.50	3759412.50	0.04529		
406312.50	3759362.50	0.03785	406312.50	3759312.50	0.02934		
406312.50	3759262.50	0.02381	406312.50	3759212.50	0.01936		
406312.50	3759162.50	0.01644	406312.50	3759112.50	0.01453		
406312.50	3759062.50	0.01340	406312.50	3759012.50	0.01264		
406312.50	3758962.50	0.01194	406312.50	3758912.50	0.01138		
406312.50	3758862.50	0.01089	406312.50	3758812.50	0.01031		
406312.50	3758762.50	0.00967	406312.50	3758712.50	0.00903		
406312.50	3758662.50	0.00861	406312.50	3758612.50	0.00818		
406362.50	3759412.50	0.04477	406362.50	3759362.50	0.03973		
406362.50	3759312.50	0.03085	406362.50	3759262.50	0.02448		
406362.50	3759212.50	0.02054	406362.50	3759162.50	0.01751		
406362.50	3759112.50	0.01561	406362.50	3759062.50	0.01442		
406362.50	3759012.50	0.01353	406362.50	3758962.50	0.01281		
406362.50	3758912.50	0.01210	406362.50	3758862.50	0.01118		
406362.50	3758812.50	0.01056	406362.50	3758762.50	0.00999		
406362.50	3758712.50	0.00948	406362.50	3758662.50	0.00898		
406362.50	3758612.50	0.00842	406412.50	3759312.50	0.03174		
* *** ICST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			***	07/29/11
			*** ANALYSIS ANNUAL PM emissions mitigated			***	12:01:02
**MODELOPTs:			URBAN ELEV FLGPOL			NOCALM	
CONC			*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION			VALUES FOR SOURCE GROUP: 1	
			INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,			***	
			*** DISCRETE CARTESIAN RECEPTOR POINTS ***				
			** CONC OF OTHER IN MICROGRAMS/M**3			**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
406412.50	3759262.50	0.02611	406412.50	3759212.50	0.02201		
406412.50	3759162.50	0.01872	406412.50	3759112.50	0.01676		
406412.50	3759062.50	0.01555	406412.50	3759012.50	0.01470		
406412.50	3758962.50	0.01370	406412.50	3758912.50	0.01266		
406412.50	3758862.50	0.01128	406412.50	3758812.50	0.01076		
406412.50	3758762.50	0.01034	406412.50	3758712.50	0.00992		
406412.50	3758662.50	0.00936	406412.50	3758612.50	0.00860		
406462.50	3759312.50	0.03354	406462.50	3759262.50	0.02777		
406462.50	3759212.50	0.02340	406462.50	3759162.50	0.01998		
406462.50	3759112.50	0.01794	406462.50	3759062.50	0.01631		
406462.50	3759012.50	0.01565	406462.50	3758962.50	0.01462		
406462.50	3758912.50	0.01351	406462.50	3758862.50	0.01178		
406462.50	3758812.50	0.01116	406462.50	3758762.50	0.01084		
406462.50	3758712.50	0.01019	406462.50	3758662.50	0.00937		
406462.50	3758612.50	0.00849	406512.50	3759262.50	0.03033		
406512.50	3759212.50	0.02552	406512.50	3759162.50	0.02142		
406512.50	3759112.50	0.01951	406512.50	3759062.50	0.01813		
406512.50	3759012.50	0.01680	406512.50	3758962.50	0.01531		
406512.50	3758912.50	0.01413	406512.50	3758862.50	0.01283		
406512.50	3758812.50	0.01241	406512.50	3758762.50	0.01144		
406512.50	3758712.50	0.01043	406512.50	3758662.50	0.00937		
406512.50	3758612.50	0.00832	406537.50	3758562.50	0.00724		
406562.50	3759262.50	0.03408	406562.50	3759212.50	0.02876		
406562.50	3759162.50	0.02454	406562.50	3759112.50	0.02188		
406562.50	3759062.50	0.01999	406562.50	3759012.50	0.01820		
406562.50	3758962.50	0.01552	406562.50	3758912.50	0.01465		

Appendix B

			PM Annual Emissions Mitigated				
406562.50	3758862.50	0.01415	406562.50	3758812.50	0.01304		
406562.50	3758762.50	0.01168	406562.50	3758712.50	0.01038		
406562.50	3758662.50	0.00913	406562.50	3758612.50	0.00800		
406587.50	3758562.50	0.00682	406612.50	3759212.50	0.03399		
406612.50	3759162.50	0.02880	406612.50	3759112.50	0.02479		
406612.50	3759062.50	0.02193	406612.50	3759012.50	0.01882		
406612.50	3758962.50	0.01776	406612.50	3758912.50	0.01662		
406612.50	3758862.50	0.01506	406612.50	3758812.50	0.01319		
406612.50	3758762.50	0.01142	406612.50	3758712.50	0.00996		
406612.50	3758662.50	0.00866	406637.50	3758562.50	0.00635		
406662.50	3759162.50	0.03197	406662.50	3759112.50	0.02642		
406662.50	3759062.50	0.02394	406662.50	3759012.50	0.02082		
406662.50	3758962.50	0.01966	406662.50	3758912.50	0.01755		
406662.50	3758862.50	0.01511	406662.50	3758812.50	0.01277		
• *** ISCST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			***	07/29/11
			*** ANALYSIS ANNUAL PM emissions mitigated			***	12:01:02
**MODELOPTs:						PAGE 76	
CONC	URBAN ELEV	FLGPOL	NOCALM				
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION			VALUES FOR SOURCE GROUP: 1			***	
INCLUDING SOURCE(S):			1	2	3	4	
*** DISCRETE CARTESIAN RECEPTOR POINTS ***							
		** CONC OF OTHER	IN MICROGRAMS/M**3				
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
406662.50	3758762.50	0.01076	406662.50	3758712.50	0.00923		
406687.50	3758562.50	0.00622	406712.50	3759162.50	0.03410		
406712.50	3759112.50	0.02883	406712.50	3759062.50	0.02926		
406712.50	3759012.50	0.02470	406712.50	3758962.50	0.02140		
406712.50	3758912.50	0.01719	406712.50	3758862.50	0.01398		
406712.50	3758612.50	0.00717	406737.50	3758562.50	0.00622		
406762.50	3759062.50	0.03576	406762.50	3759012.50	0.02643		
406762.50	3758962.50	0.02037	406762.50	3758912.50	0.01571		
406762.50	3758662.50	0.00806	406762.50	3758612.50	0.00704		
406787.50	3758562.50	0.00646	406812.50	3759012.50	0.02645		
406812.50	3758962.50	0.01875	406812.50	3758712.50	0.00926		
406812.50	3758662.50	0.00826	406812.50	3758612.50	0.00746		
406837.50	3758562.50	0.00631	406862.50	3758762.50	0.01075		
406862.50	3758712.50	0.00981	406862.50	3758662.50	0.00881		
406862.50	3758612.50	0.00769	406887.50	3758562.50	0.00784		
406912.50	3758762.50	0.01190	406912.50	3758712.50	0.01052		
406912.50	3758662.50	0.00944	406912.50	3758612.50	0.00809		
406937.50	3758562.50	0.00906	406962.50	3758762.50	0.01358		
406962.50	3758712.50	0.01188	406962.50	3758662.50	0.01048		
406962.50	3758612.50	0.00983	406987.50	3758562.50	0.01088		
407012.50	3758712.50	0.01375	407012.50	3758662.50	0.01125		
407012.50	3758612.50	0.01135	407037.50	3758562.50	0.01233		
407062.50	3758662.50	0.01203	407062.50	3758612.50	0.01311		
407087.50	3758562.50	0.01339	407112.50	3758662.50	0.01417		
407112.50	3758612.50	0.01436	407137.50	3758562.50	0.01413		
407162.50	3758662.50	0.01615	407162.50	3758612.50	0.01478		
407187.50	3758562.50	0.01518	407212.50	3758662.50	0.01609		
407212.50	3758612.50	0.01562	407237.50	3758562.50	0.01490		
407262.50	3758662.50	0.01481	407262.50	3758612.50	0.01414		
407287.50	3758562.50	0.01286	407312.50	3758662.50	0.01296		
407312.50	3758612.50	0.01233	407337.50	3758562.50	0.01125		
407362.50	3758662.50	0.01145	407362.50	3758612.50	0.01081		
407387.50	3758562.50	0.00985	407412.50	3758662.50	0.01041		
407412.50	3758612.50	0.01064	407437.50	3758562.50	0.00960		
407462.50	3758662.50	0.01067	407462.50	3758612.50	0.00985		
407487.50	3758562.50	0.00886	407512.50	3758662.50	0.00917		
407512.50	3758612.50	0.00812	407537.50	3758562.50	0.00093		
407562.50	3758662.50	0.00106	407562.50	3758612.50	0.00100		
407587.50	3758562.50	0.00097	407612.50	3758662.50	0.00112		
407612.50	3758612.50	0.00105	407637.50	3758562.50	0.00101		
• *** ISCST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			***	07/29/11
			*** ANALYSIS ANNUAL PM emissions mitigated			***	12:01:02
**MODELOPTs:						PAGE 77	
CONC	URBAN ELEV	FLGPOL	NOCALM				
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION			VALUES FOR SOURCE GROUP: 1			***	
INCLUDING SOURCE(S):			1	2	3	4	

Appendix B

PM Annual Emissions Mitigated
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER IN MICROGRAMS/M**3					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
407662.50	3758612.50	0.00110	407687.50	3758562.50	0.00106		
407712.50	3758612.50	0.00113	407737.50	3758562.50	0.00109		
407762.50	3758612.50	0.00116	407787.50	3758562.50	0.00112		
407812.50	3758612.50	0.00117	407837.50	3758562.50	0.00114		
407862.50	3758612.50	0.00117	407887.50	3758562.50	0.00114		
407912.50	3758612.50	0.00116	407937.50	3758562.50	0.00114		
407962.50	3758612.50	0.00115	407987.50	3758562.50	0.00112		
408012.50	3758612.50	0.00113	408037.50	3758562.50	0.00111		
408062.50	3758612.50	0.00110	408087.50	3758562.50	0.00109		
408112.50	3758612.50	0.00108	405962.50	3758537.50	0.00577		
405987.50	3758562.50	0.00602	406037.50	3758562.50	0.00629		
406087.50	3758562.50	0.00652	406137.50	3758562.50	0.00684		
406187.50	3758562.50	0.00705	406237.50	3758562.50	0.00740		
406287.50	3758562.50	0.00768	406337.50	3758562.50	0.00785		
406387.50	3758562.50	0.00784	406437.50	3758562.50	0.00782		
406487.50	3758562.50	0.00759	406537.50	3758537.50	0.00678		
406587.50	3758537.50	0.00642	406637.50	3758537.50	0.00598		
406687.50	3758537.50	0.00588	406737.50	3758537.50	0.00583		
406787.50	3758537.50	0.00598	406837.50	3758537.50	0.00649		
406887.50	3758537.50	0.00753	406937.50	3758537.50	0.00884		
406987.50	3758537.50	0.01084	407037.50	3758537.50	0.01205		
407087.50	3758537.50	0.01320	407137.50	3758537.50	0.01412		
407187.50	3758537.50	0.01549	407237.50	3758537.50	0.01474		
407287.50	3758537.50	0.01313	407337.50	3758537.50	0.01129		
407387.50	3758537.50	0.00963	407437.50	3758537.50	0.00939		
407487.50	3758537.50	0.00861	407537.50	3758537.50	0.00090		
407587.50	3758537.50	0.00094	407637.50	3758537.50	0.00098		
407687.50	3758537.50	0.00103	407737.50	3758537.50	0.00107		
407787.50	3758537.50	0.00110	407837.50	3758537.50	0.00112		
407887.50	3758537.50	0.00113	407937.50	3758537.50	0.00113		
407987.50	3758537.50	0.00112	408037.50	3758537.50	0.00110		
408087.50	3758537.50	0.00109	405962.50	3759987.50	0.01162		
405962.50	3759937.50	0.01243	405962.50	3759887.50	0.01380		
405962.50	3759837.50	0.01549	405962.50	3759787.50	0.01705		
405962.50	3759737.50	0.01914	405962.50	3759687.50	0.02484		
405962.50	3759637.50	0.02700	405962.50	3759587.50	0.02862		
405962.50	3759537.50	0.03082	405962.50	3759487.50	0.03209		
405962.50	3759437.50	0.03110	405962.50	3759387.50	0.02410		
405962.50	3759337.50	0.02083	405962.50	3759287.50	0.01716		
405962.50	3759237.50	0.01390	405962.50	3759187.50	0.01148		

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions mitigated

*** 07/29/11
 *** 12:01:02
 *** PAGE 78

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER IN MICROGRAMS/M**3					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
405962.50	3759137.50	0.01012	405962.50	3759087.50	0.00892		
405962.50	3759037.50	0.00791	405962.50	3758987.50	0.00741		
405962.50	3758937.50	0.00704	405962.50	3758887.50	0.00685		
405962.50	3758837.50	0.00667	405962.50	3758787.50	0.00653		
405962.50	3758737.50	0.00639	405962.50	3758687.50	0.00625		
405962.50	3758637.50	0.00608	406012.50	3759987.50	0.01249		
406012.50	3759937.50	0.01324	406012.50	3759887.50	0.01461		
406012.50	3759837.50	0.01624	406012.50	3759787.50	0.01772		
406012.50	3759737.50	0.01999	406012.50	3759687.50	0.02597		
406012.50	3759637.50	0.02870	406012.50	3759587.50	0.03062		
406012.50	3759537.50	0.03291	406012.50	3759487.50	0.03440		
406012.50	3759437.50	0.02666	406012.50	3759387.50	0.02515		
406012.50	3759337.50	0.02177	406012.50	3759287.50	0.01825		
406012.50	3759237.50	0.01459	406012.50	3759187.50	0.01195		
406012.50	3759137.50	0.01055	406012.50	3759087.50	0.00928		
406012.50	3759037.50	0.00830	406012.50	3758987.50	0.00793		

Appendix B

			PM Annual Emissions Mitigated				
406012.50	3758937.50	0.00758	406012.50	3758887.50	0.00729		
406012.50	3758837.50	0.00700	406012.50	3758787.50	0.00696		
406012.50	3758737.50	0.00680	406012.50	3758687.50	0.00661		
406012.50	3758637.50	0.00643	406062.50	3759987.50	0.01385		
406062.50	3759837.50	0.01732	406062.50	3759787.50	0.01942		
406062.50	3759737.50	0.02431	406062.50	3759687.50	0.02737		
406062.50	3759637.50	0.03051	406062.50	3759587.50	0.03260		
406062.50	3759537.50	0.02693	406062.50	3759487.50	0.02648		
406062.50	3759437.50	0.02546	406062.50	3759387.50	0.02328		
406062.50	3759337.50	0.02074	406062.50	3759287.50	0.01810		
406062.50	3759237.50	0.01461	406062.50	3759187.50	0.01276		
406062.50	3759137.50	0.01109	406062.50	3759087.50	0.00985		
406062.50	3759037.50	0.00897	406062.50	3758987.50	0.00854		
406062.50	3758937.50	0.00803	406062.50	3758887.50	0.00783		
406062.50	3758837.50	0.00761	406062.50	3758787.50	0.00742		
406062.50	3758737.50	0.00726	406062.50	3758687.50	0.00699		
406062.50	3758637.50	0.00683	406112.50	3759987.50	0.01540		
406112.50	3759837.50	0.01531	406112.50	3759787.50	0.01674		
406112.50	3759737.50	0.01870	406112.50	3759687.50	0.02143		
406112.50	3759637.50	0.02386	406112.50	3759587.50	0.02623		
406112.50	3759537.50	0.02744	406112.50	3759487.50	0.02662		
406112.50	3759437.50	0.02424	406112.50	3759387.50	0.02256		
406112.50	3759337.50	0.02148	406112.50	3759287.50	0.01910		
406112.50	3759237.50	0.01581	406112.50	3759187.50	0.01357		
* *** ISCT3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			***	07/29/11
			*** ANALYSIS ANNUAL PM emissions mitigated			***	12:01:02
**MODELOPTs:			URBAN ELEV FLGPOL			NOCALM	
CONC			*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION			VALUES FOR SOURCE GROUP: 1	
			INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,			***	
			*** DISCRETE CARTESIAN RECEPTOR POINTS ***				
			** CONC OF OTHER IN MICROGRAMS/M**3			**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
406112.50	3759137.50	0.01178	406112.50	3759087.50	0.01051		
406112.50	3759037.50	0.00970	406112.50	3758987.50	0.00925		
406112.50	3758937.50	0.00879	406112.50	3758887.50	0.00854		
406112.50	3758837.50	0.00833	406112.50	3758787.50	0.00806		
406112.50	3758737.50	0.00771	406112.50	3758687.50	0.00749		
406112.50	3758637.50	0.00715	406162.50	3759987.50	0.01632		
406162.50	3759837.50	0.01759	406162.50	3759787.50	0.01925		
406162.50	3759437.50	0.02859	406162.50	3759387.50	0.02811		
406162.50	3759337.50	0.02577	406162.50	3759287.50	0.02130		
406162.50	3759237.50	0.01710	406162.50	3759187.50	0.01443		
406162.50	3759137.50	0.01257	406162.50	3759087.50	0.01130		
406162.50	3759037.50	0.01050	406162.50	3758987.50	0.01009		
406162.50	3758937.50	0.00961	406162.50	3758887.50	0.00930		
406162.50	3758837.50	0.00904	406162.50	3758787.50	0.00859		
406162.50	3758737.50	0.00811	406162.50	3758687.50	0.00787		
406162.50	3758637.50	0.00745	406212.50	3759437.50	0.03781		
406212.50	3759387.50	0.03338	406212.50	3759337.50	0.02842		
406212.50	3759287.50	0.02313	406212.50	3759237.50	0.01826		
406212.50	3759187.50	0.01536	406212.50	3759137.50	0.01351		
406212.50	3759087.50	0.01222	406212.50	3759037.50	0.01138		
406212.50	3758987.50	0.01086	406212.50	3758937.50	0.01050		
406212.50	3758887.50	0.01001	406212.50	3758837.50	0.00956		
406212.50	3758787.50	0.00914	406212.50	3758737.50	0.00855		
406212.50	3758687.50	0.00822	406212.50	3758637.50	0.00785		
406262.50	3759437.50	0.04158	406262.50	3759387.50	0.03689		
406262.50	3759337.50	0.02974	406262.50	3759287.50	0.02456		
406262.50	3759237.50	0.01991	406262.50	3759187.50	0.01652		
406262.50	3759137.50	0.01437	406262.50	3759087.50	0.01309		
406262.50	3759037.50	0.01227	406262.50	3758987.50	0.01154		
406262.50	3758937.50	0.01115	406262.50	3758887.50	0.01058		
406262.50	3758837.50	0.01011	406262.50	3758787.50	0.00967		
406262.50	3758737.50	0.00896	406262.50	3758687.50	0.00855		
406262.50	3758637.50	0.00811	406312.50	3759437.50	0.04650		
406312.50	3759387.50	0.04359	406312.50	3759337.50	0.03352		
406312.50	3759287.50	0.02657	406312.50	3759237.50	0.02141		
406312.50	3759187.50	0.01760	406312.50	3759137.50	0.01537		
406312.50	3759087.50	0.01384	406312.50	3759037.50	0.01305		
406312.50	3758987.50	0.01228	406312.50	3758937.50	0.01160		

Appendix B

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406312.50 3758887.50 0.01115 PM Annual Emissions Mitigated 406312.50 3758837.50 0.01060
406312.50 3758787.50 0.00999 406312.50 3758737.50 0.00934
. *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS ANNUAL PM emissions mitigated *** 12:01:02
**MODELOPTs:
CONC URBAN ELEV FLGPOL NOCALM PAGE 80

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*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406312.50	3758687.50	0.00884	406312.50	3758637.50	0.00837
406362.50	3759437.50	0.04714	406362.50	3759387.50	0.04268
406362.50	3759337.50	0.03546	406362.50	3759287.50	0.02747
406362.50	3759237.50	0.02248	406362.50	3759187.50	0.01887
406362.50	3759137.50	0.01659	406362.50	3759087.50	0.01501
406362.50	3759037.50	0.01393	406362.50	3758987.50	0.01308
406362.50	3758937.50	0.01253	406362.50	3758887.50	0.01160
406362.50	3758837.50	0.01075	406362.50	3758787.50	0.01024
406362.50	3758737.50	0.00974	406362.50	3758687.50	0.00927
406362.50	3758637.50	0.00866	406412.50	3759337.50	0.03491
406412.50	3759287.50	0.02841	406412.50	3759237.50	0.02422
406412.50	3759187.50	0.02043	406412.50	3759137.50	0.01766
406412.50	3759087.50	0.01603	406412.50	3759037.50	0.01488
406412.50	3758987.50	0.01421	406412.50	3758937.50	0.01327
406412.50	3758887.50	0.01185	406412.50	3758837.50	0.01103
406412.50	3758787.50	0.01048	406412.50	3758737.50	0.01017
406412.50	3758687.50	0.00965	406412.50	3758637.50	0.00894
406462.50	3759287.50	0.03062	406462.50	3759237.50	0.02579
406462.50	3759187.50	0.02181	406462.50	3759137.50	0.01886
406462.50	3759087.50	0.01677	406462.50	3759037.50	0.01588
406462.50	3758987.50	0.01503	406462.50	3758937.50	0.01410
406462.50	3758887.50	0.01255	406462.50	3758837.50	0.01130
406462.50	3758787.50	0.01104	406462.50	3758737.50	0.01044
406462.50	3758687.50	0.00990	406462.50	3758637.50	0.00889
406512.50	3759287.50	0.03337	406512.50	3759237.50	0.02773
406512.50	3759187.50	0.02302	406512.50	3759137.50	0.02040
406512.50	3759087.50	0.01886	406512.50	3759037.50	0.01743
406512.50	3758987.50	0.01615	406512.50	3758937.50	0.01483
406512.50	3758887.50	0.01335	406512.50	3758837.50	0.01278
406512.50	3758787.50	0.01176	406512.50	3758737.50	0.01093
406512.50	3758687.50	0.00985	406512.50	3758637.50	0.00883
406562.50	3759237.50	0.03104	406562.50	3759187.50	0.02669
406562.50	3759137.50	0.02298	406562.50	3759087.50	0.02089
406562.50	3759037.50	0.01923	406562.50	3758987.50	0.01720
406562.50	3758937.50	0.01500	406562.50	3758887.50	0.01426
406562.50	3758837.50	0.01365	406562.50	3758787.50	0.01229
406562.50	3758737.50	0.01112	406562.50	3758687.50	0.00973
406562.50	3758637.50	0.00857	406612.50	3758587.50	0.00748
406612.50	3759187.50	0.03096	406612.50	3759137.50	0.02641
406612.50	3759087.50	0.02328	406612.50	3759037.50	0.02005

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. *** IS CST3 - VERSION 02035 *** *** WHITTIER MATRIX OIL PROJECT *** 07/29/11
*** ANALYSIS ANNUAL PM emissions mitigated *** 12:01:02
**MODELOPTs:
CONC URBAN ELEV FLGPOL NOCALM PAGE 81

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*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406612.50	3758987.50	0.01815	406612.50	3758937.50	0.01727
406612.50	3758887.50	0.01601	406612.50	3758837.50	0.01415
406612.50	3758787.50	0.01219	406612.50	3758737.50	0.01070
406612.50	3758687.50	0.00941	406612.50	3758637.50	0.00799
406612.50	3758587.50	0.00697	406662.50	3759187.50	0.03555
406662.50	3759137.50	0.02887	406662.50	3759087.50	0.02516

Appendix B

			PM Annual Emissions Mitigated		
406662.50	3759037.50	0.02207	406662.50	3758987.50	0.02031
406662.50	3758937.50	0.01887	406662.50	3758887.50	0.01614
406662.50	3758837.50	0.01403	406662.50	3758787.50	0.01165
406662.50	3758737.50	0.00996	406712.50	3759137.50	0.03066
406712.50	3759087.50	0.02891	406712.50	3759037.50	0.02620
406712.50	3758987.50	0.02288	406712.50	3758937.50	0.01957
406712.50	3758887.50	0.01540	406712.50	3758587.50	0.00670
406762.50	3759037.50	0.03051	406762.50	3758987.50	0.02345
406762.50	3758937.50	0.01775	406762.50	3758687.50	0.00829
406762.50	3758637.50	0.00746	406762.50	3758587.50	0.00667
406812.50	3758987.50	0.02228	406812.50	3758687.50	0.00880
406812.50	3758637.50	0.00768	406812.50	3758587.50	0.00711
406862.50	3758737.50	0.01029	406862.50	3758687.50	0.00938
406862.50	3758637.50	0.00829	406862.50	3758587.50	0.00662
406912.50	3758787.50	0.01262	406912.50	3758737.50	0.01100
406912.50	3758687.50	0.00992	406912.50	3758637.50	0.00894
406912.50	3758587.50	0.00845	406962.50	3758737.50	0.01255
406962.50	3758687.50	0.01128	406962.50	3758637.50	0.00976
406962.50	3758587.50	0.00988	407012.50	3758687.50	0.01246
407012.50	3758637.50	0.01100	407012.50	3758587.50	0.01154
407062.50	3758687.50	0.01287	407062.50	3758637.50	0.01277
407062.50	3758587.50	0.01305	407112.50	3758637.50	0.01450
407112.50	3758587.50	0.01413	407162.50	3758637.50	0.01525
407162.50	3758587.50	0.01433	407212.50	3758637.50	0.01542
407212.50	3758587.50	0.01556	407262.50	3758637.50	0.01447
407262.50	3758587.50	0.01400	407312.50	3758637.50	0.01272
407312.50	3758587.50	0.01211	407362.50	3758637.50	0.01104
407362.50	3758587.50	0.01060	407412.50	3758637.50	0.01081
407412.50	3758587.50	0.01049	407462.50	3758637.50	0.01017
407462.50	3758587.50	0.00944	407512.50	3758637.50	0.00862
407512.50	3758587.50	0.00783	407562.50	3758637.50	0.00103
407562.50	3758587.50	0.00097	407612.50	3758637.50	0.00108
407612.50	3758587.50	0.00102	407662.50	3758637.50	0.00113
407662.50	3758587.50	0.00107	407712.50	3758637.50	0.00116
• *** ICST3 - VERSION 02035 ***	*** WHITTIER MATRIX OIL PROJECT				*** 07/29/11
	*** ANALYSIS ANNUAL PM emissions mitigated				*** 12:01:02
**MODELOPTs:					PAGE 82
CONC	URBAN ELEV	FLGPOL	NOCALM		
	*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1				***
	INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,				
	*** DISCRETE CARTESIAN RECEPTOR POINTS ***				
	** CONC OF OTHER	IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407712.50	3758587.50	0.00110	407762.50	3758637.50	0.00118
407762.50	3758587.50	0.00113	407812.50	3758637.50	0.00119
407812.50	3758587.50	0.00115	407862.50	3758637.50	0.00119
407862.50	3758587.50	0.00116	407912.50	3758637.50	0.00117
407912.50	3758587.50	0.00115	407962.50	3758637.50	0.00115
407962.50	3758587.50	0.00114	408012.50	3758637.50	0.00113
408012.50	3758587.50	0.00112	408062.50	3758637.50	0.00111
408062.50	3758587.50	0.00110	408112.50	3758637.50	0.00109
408112.50	3758587.50	0.00108	405987.50	3758537.50	0.00590
406012.50	3758537.50	0.00606	406037.50	3758537.50	0.00620
406062.50	3758537.50	0.00628	406087.50	3758537.50	0.00644
406112.50	3758537.50	0.00652	406137.50	3758537.50	0.00663
406162.50	3758537.50	0.00678	406187.50	3758537.50	0.00690
406212.50	3758537.50	0.00706	406237.50	3758537.50	0.00717
406262.50	3758537.50	0.00733	406287.50	3758537.50	0.00744
406312.50	3758537.50	0.00754	406337.50	3758537.50	0.00759
406362.50	3758537.50	0.00754	406387.50	3758537.50	0.00754
406412.50	3758537.50	0.00744	406437.50	3758537.50	0.00740
406462.50	3758537.50	0.00733	406487.50	3758537.50	0.00712
406512.50	3758537.50	0.00701	406562.50	3758537.50	0.00655
406612.50	3758537.50	0.00625	406662.50	3758537.50	0.00585
406712.50	3758537.50	0.00583	406762.50	3758537.50	0.00577
406812.50	3758537.50	0.00614	406862.50	3758537.50	0.00682
406912.50	3758537.50	0.00816	406962.50	3758537.50	0.00984
407012.50	3758537.50	0.01161	407062.50	3758537.50	0.01259
407112.50	3758537.50	0.01378	407162.50	3758537.50	0.01419
407212.50	3758537.50	0.01554	407262.50	3758537.50	0.01395
407312.50	3758537.50	0.01240	407362.50	3758537.50	0.01033

Appendix B

			PM Annual Emissions Mitigated		
407412.50	3758537.50	0.00914	407462.50	3758537.50	0.01036
407512.50	3758537.50	0.00744	407562.50	3758537.50	0.00092
407612.50	3758537.50	0.00096	407662.50	3758537.50	0.00101
407712.50	3758537.50	0.00105	407762.50	3758537.50	0.00108
407812.50	3758537.50	0.00111	407862.50	3758537.50	0.00112
407912.50	3758537.50	0.00113	407962.50	3758537.50	0.00112
408012.50	3758537.50	0.00111	408062.50	3758537.50	0.00109
408112.50	3758537.50	0.00108	405962.50	3758587.50	0.00597
406012.50	3758587.50	0.00625	406062.50	3758587.50	0.00652
406112.50	3758587.50	0.00677	406162.50	3758587.50	0.00712
406212.50	3758587.50	0.00746	406262.50	3758587.50	0.00770
406312.50	3758587.50	0.00799	406362.50	3758587.50	0.00807

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL PM emissions mitigated

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*** 12:01:02
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**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406412.50	3758587.50	0.00816	406462.50	3758587.50	0.00814
406512.50	3758587.50	0.00785	405987.50	3760012.50	0.01179
405987.50	3759962.50	0.01226	405987.50	3759912.50	0.01330
405987.50	3759862.50	0.01480	405987.50	3759812.50	0.01642
405987.50	3759762.50	0.01845	405987.50	3759712.50	0.02126
405987.50	3759662.50	0.02714	405987.50	3759612.50	0.02870
405987.50	3759562.50	0.03072	405987.50	3759512.50	0.03284
405987.50	3759462.50	0.03284	405987.50	3759412.50	0.02707
405987.50	3759362.50	0.02323	405987.50	3759312.50	0.01985
405987.50	3759262.50	0.01630	405987.50	3759212.50	0.01250
405987.50	3759162.50	0.01096	405987.50	3759112.50	0.00964
405987.50	3759062.50	0.00853	405987.50	3759012.50	0.00781
405987.50	3758962.50	0.00749	405987.50	3758912.50	0.00717
405987.50	3758862.50	0.00696	405987.50	3758812.50	0.00676
405987.50	3758762.50	0.00666	405987.50	3758712.50	0.00650
405987.50	3758662.50	0.00633	406037.50	3760012.50	0.01309
406037.50	3759812.50	0.01763	406037.50	3759762.50	0.01999
406037.50	3759712.50	0.02235	406037.50	3759662.50	0.02877
406037.50	3759612.50	0.03046	406037.50	3759562.50	0.03265
406037.50	3759512.50	0.02909	406037.50	3759462.50	0.02589
406037.50	3759412.50	0.02520	406037.50	3759362.50	0.02259
406037.50	3759312.50	0.02038	406037.50	3759262.50	0.01595
406037.50	3759212.50	0.01343	406037.50	3759162.50	0.01153
406037.50	3759112.50	0.01012	406037.50	3759062.50	0.00906
406037.50	3759012.50	0.00846	406037.50	3758962.50	0.00806
406037.50	3758912.50	0.00771	406037.50	3758862.50	0.00738
406037.50	3758812.50	0.00732	406037.50	3758762.50	0.00715
406037.50	3758712.50	0.00691	406037.50	3758662.50	0.00673
406087.50	3760012.50	0.01443	406087.50	3759812.50	0.01676
406087.50	3759762.50	0.01778	406087.50	3759712.50	0.02066
406087.50	3759662.50	0.02287	406087.50	3759612.50	0.02592
406087.50	3759562.50	0.02652	406087.50	3759512.50	0.02710
406087.50	3759462.50	0.02656	406087.50	3759412.50	0.02334
406087.50	3759362.50	0.02170	406087.50	3759312.50	0.01975
406087.50	3759262.50	0.01631	406087.50	3759212.50	0.01401
406087.50	3759162.50	0.01222	406087.50	3759112.50	0.01073
406087.50	3759062.50	0.00969	406087.50	3759012.50	0.00910
406087.50	3758962.50	0.00860	406087.50	3758912.50	0.00830
406087.50	3758862.50	0.00808	406087.50	3758812.50	0.00784
406087.50	3758762.50	0.00763	406087.50	3758712.50	0.00738

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL PM emissions mitigated

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**MODELOPTs:
CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Appendix B

PM Annual Emissions Mitigated

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406087.50	3758662.50	0.00709	406137.50	3760012.50	0.01637
406137.50	3759812.50	0.01627	406137.50	3759762.50	0.01819
406137.50	3759712.50	0.02089	406137.50	3759662.50	0.02367
406137.50	3759612.50	0.02588	406137.50	3759562.50	0.02727
406137.50	3759512.50	0.02585	406137.50	3759462.50	0.02507
406137.50	3759412.50	0.02547	406137.50	3759362.50	0.02451
406137.50	3759312.50	0.02235	406137.50	3759262.50	0.01821
406137.50	3759212.50	0.01511	406137.50	3759162.50	0.01306
406137.50	3759112.50	0.01147	406137.50	3759062.50	0.01040
406137.50	3759012.50	0.00990	406137.50	3758962.50	0.00944
406137.50	3758912.50	0.00906	406137.50	3758862.50	0.00877
406137.50	3758812.50	0.00845	406137.50	3758762.50	0.00816
406137.50	3758712.50	0.00780	406137.50	3758662.50	0.00748
406187.50	3759412.50	0.03278	406187.50	3759362.50	0.02900
406187.50	3759312.50	0.02535	406187.50	3759262.50	0.01980
406187.50	3759212.50	0.01623	406187.50	3759162.50	0.01386
406187.50	3759112.50	0.01230	406187.50	3759062.50	0.01125
406187.50	3759012.50	0.01067	406187.50	3758962.50	0.01034
406187.50	3758912.50	0.00978	406187.50	3758862.50	0.00950
406187.50	3758812.50	0.00911	406187.50	3758762.50	0.00860
406187.50	3758712.50	0.00818	406187.50	3758662.50	0.00787
406237.50	3759412.50	0.03678	406237.50	3759362.50	0.03211
406237.50	3759312.50	0.02647	406237.50	3759262.50	0.02156
406237.50	3759212.50	0.01722	406237.50	3759162.50	0.01477
406237.50	3759112.50	0.01331	406237.50	3759062.50	0.01215
406237.50	3759012.50	0.01142	406237.50	3758962.50	0.01100
406237.50	3758912.50	0.01056	406237.50	3758862.50	0.01012
406237.50	3758812.50	0.00963	406237.50	3758762.50	0.00900
406237.50	3758712.50	0.00858	406237.50	3758662.50	0.00818
406287.50	3759412.50	0.04292	406287.50	3759362.50	0.03550
406287.50	3759312.50	0.02820	406287.50	3759262.50	0.02289
406287.50	3759212.50	0.01859	406287.50	3759162.50	0.01586
406287.50	3759112.50	0.01401	406287.50	3759062.50	0.01301
406287.50	3759012.50	0.01223	406287.50	3758962.50	0.01170
406287.50	3758912.50	0.01118	406287.50	3758862.50	0.01061
406287.50	3758812.50	0.01002	406287.50	3758762.50	0.00945
406287.50	3758712.50	0.00893	406287.50	3758662.50	0.00846
406337.50	3759412.50	0.04691	406337.50	3759362.50	0.03953
406337.50	3759312.50	0.03072	406337.50	3759262.50	0.02438
406337.50	3759212.50	0.01983	406337.50	3759162.50	0.01712

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
*** ANALYSIS ANNUAL PM emissions mitigated

*** 07/29/11
*** 12:01:02
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**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406337.50	3759112.50	0.01494	406337.50	3759062.50	0.01383
406337.50	3759012.50	0.01305	406337.50	3758962.50	0.01230
406337.50	3758912.50	0.01168	406337.50	3758862.50	0.01102
406337.50	3758812.50	0.01047	406337.50	3758762.50	0.00978
406337.50	3758712.50	0.00925	406337.50	3758662.50	0.00883
406387.50	3759362.50	0.03825	406387.50	3759312.50	0.03128
406387.50	3759262.50	0.02511	406387.50	3759212.50	0.02131
406387.50	3759162.50	0.01815	406387.50	3759112.50	0.01622
406387.50	3759062.50	0.01508	406387.50	3759012.50	0.01408
406387.50	3758962.50	0.01330	406387.50	3758912.50	0.01239
406387.50	3758862.50	0.01116	406387.50	3758812.50	0.01052
406387.50	3758762.50	0.01014	406387.50	3758712.50	0.00971
406387.50	3758662.50	0.00918	406437.50	3759312.50	0.03228
406437.50	3759262.50	0.02692	406437.50	3759212.50	0.02288
406437.50	3759162.50	0.01933	406437.50	3759112.50	0.01733
406437.50	3759062.50	0.01594	406437.50	3759012.50	0.01518
406437.50	3758962.50	0.01424	406437.50	3758912.50	0.01313
406437.50	3758862.50	0.01142	406437.50	3758812.50	0.01093

Appendix B

			PM Annual Emissions Mitigated			
406437.50	3758762.50	0.01045	406437.50	3758712.50	0.00999	
406437.50	3758662.50	0.00929	406487.50	3759312.50	0.03481	
406487.50	3759262.50	0.02892	406487.50	3759212.50	0.02422	
406487.50	3759162.50	0.02049	406487.50	3759112.50	0.01858	
406487.50	3759062.50	0.01723	406487.50	3759012.50	0.01626	
406487.50	3758962.50	0.01506	406487.50	3758912.50	0.01395	
406487.50	3758862.50	0.01233	406487.50	3758812.50	0.01161	
406487.50	3758762.50	0.01113	406487.50	3758712.50	0.01037	
406487.50	3758662.50	0.00939	406537.50	3759262.50	0.03187	
406537.50	3759212.50	0.02678	406537.50	3759162.50	0.02282	
406537.50	3759112.50	0.02069	406537.50	3759062.50	0.01889	
406537.50	3759012.50	0.01755	406537.50	3758962.50	0.01542	
406537.50	3758912.50	0.01409	406537.50	3758862.50	0.01353	
406537.50	3758812.50	0.01282	406537.50	3758762.50	0.01164	
406537.50	3758712.50	0.01043	406537.50	3758662.50	0.00928	
406587.50	3759212.50	0.03107	406587.50	3759162.50	0.02660	
406587.50	3759112.50	0.02314	406587.50	3759062.50	0.02081	
406587.50	3759012.50	0.01854	406587.50	3758962.50	0.01658	
406587.50	3758912.50	0.01566	406587.50	3758862.50	0.01479	
406587.50	3758812.50	0.01313	406587.50	3758762.50	0.01162	
406587.50	3758712.50	0.01025	406587.50	3758662.50	0.00895	
406587.50	3758612.50	0.00773	406637.50	3759212.50	0.03662	
. *** ISCT3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			*** 07/29/11
			*** ANALYSIS ANNUAL PM emissions mitigated			*** 12:01:02
**MODELOPTs:						PAGE 86
CONC	URBAN ELEV	FLGPL	NOCALM			
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1						
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,						
*** DISCRETE CARTESIAN RECEPTOR POINTS ***						
** CONC OF OTHER IN MICROGRAMS/M**3 **						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
406637.50	3759162.50	0.03075	406637.50	3759112.50	0.02622	
406637.50	3759062.50	0.02304	406637.50	3759012.50	0.01927	
406637.50	3758962.50	0.01869	406637.50	3758912.50	0.01720	
406637.50	3758862.50	0.01524	406637.50	3758812.50	0.01307	
406637.50	3758762.50	0.01116	406637.50	3758712.50	0.00976	
406637.50	3758662.50	0.00821	406687.50	3759162.50	0.03323	
406687.50	3759112.50	0.02627	406687.50	3759062.50	0.02554	
406687.50	3759012.50	0.02284	406687.50	3758962.50	0.02053	
406687.50	3758912.50	0.01774	406687.50	3758862.50	0.01475	
406687.50	3758762.50	0.01036	406737.50	3759112.50	0.03289	
406737.50	3759062.50	0.03278	406737.50	3759012.50	0.02597	
406737.50	3758962.50	0.02110	406737.50	3758912.50	0.01657	
406737.50	3758662.50	0.00798	406737.50	3758612.50	0.00715	
406787.50	3759012.50	0.02654	406787.50	3758962.50	0.01960	
406787.50	3758712.50	0.00898	406787.50	3758662.50	0.00814	
406787.50	3758612.50	0.00715	406837.50	3758712.50	0.00955	
406837.50	3758662.50	0.00859	406837.50	3758612.50	0.00761	
406887.50	3758762.50	0.01129	406887.50	3758712.50	0.01011	
406887.50	3758662.50	0.00912	406887.50	3758612.50	0.00765	
406937.50	3758762.50	0.01266	406937.50	3758712.50	0.01111	
406937.50	3758662.50	0.00985	406937.50	3758612.50	0.00912	
406987.50	3758712.50	0.01284	406987.50	3758662.50	0.01089	
406987.50	3758612.50	0.01052	407037.50	3758712.50	0.01421	
407037.50	3758662.50	0.01164	407037.50	3758612.50	0.01229	
407087.50	3758662.50	0.01273	407087.50	3758612.50	0.01390	
407137.50	3758662.50	0.01482	407137.50	3758612.50	0.01470	
407187.50	3758662.50	0.01608	407187.50	3758612.50	0.01524	
407237.50	3758662.50	0.01553	407237.50	3758612.50	0.01466	
407287.50	3758662.50	0.01390	407287.50	3758612.50	0.01335	
407337.50	3758662.50	0.01210	407337.50	3758612.50	0.01152	
407387.50	3758662.50	0.01087	407387.50	3758612.50	0.01032	
407437.50	3758662.50	0.01095	407437.50	3758612.50	0.01002	
407487.50	3758662.50	0.01047	407487.50	3758612.50	0.00854	
407537.50	3758662.50	0.00104	407537.50	3758612.50	0.00098	
407587.50	3758662.50	0.00109	407587.50	3758612.50	0.00103	
407637.50	3758612.50	0.00107	407687.50	3758612.50	0.00112	
407737.50	3758612.50	0.00115	407787.50	3758612.50	0.00117	
407837.50	3758612.50	0.00117	407887.50	3758612.50	0.00117	
407937.50	3758612.50	0.00116	407987.50	3758612.50	0.00114	
408037.50	3758612.50	0.00112	408087.50	3758612.50	0.00109	

Appendix B

PM Annual Emissions Mitigated

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions mitigated

*** 07/29/11
 *** 12:01:02
 *** PAGE 87

**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
405987.50	3758612.50	0.00618	406037.50	3758612.50	0.00652
406087.50	3758612.50	0.00682	406137.50	3758612.50	0.00708
406187.50	3758612.50	0.00746	406237.50	3758612.50	0.00778
406287.50	3758612.50	0.00809	406337.50	3758612.50	0.00829
406387.50	3758612.50	0.00851	406437.50	3758612.50	0.00861
406487.50	3758612.50	0.00845	406512.50	3758562.50	0.00737
406537.50	3758612.50	0.00818	406562.50	3758562.50	0.00699
406612.50	3758562.50	0.00664	406662.50	3758562.50	0.00619
406712.50	3758562.50	0.00624	406762.50	3758562.50	0.00625
406812.50	3758562.50	0.00633	406862.50	3758562.50	0.00669
406912.50	3758562.50	0.00847	406962.50	3758562.50	0.00994
407012.50	3758562.50	0.01159	407062.50	3758562.50	0.01285
407112.50	3758562.50	0.01400	407162.50	3758562.50	0.01393
407212.50	3758562.50	0.01566	407262.50	3758562.50	0.01393
407312.50	3758562.50	0.01200	407362.50	3758562.50	0.01041
407412.50	3758562.50	0.01018	407462.50	3758562.50	0.01058
407512.50	3758562.50	0.00762	407562.50	3758562.50	0.00095
407612.50	3758562.50	0.00099	407662.50	3758562.50	0.00104
407712.50	3758562.50	0.00108	407762.50	3758562.50	0.00111
407812.50	3758562.50	0.00113	407862.50	3758562.50	0.00114
407912.50	3758562.50	0.00114	407962.50	3758562.50	0.00113
408012.50	3758562.50	0.00112	408062.50	3758562.50	0.00110
408112.50	3758562.50	0.00108	405987.50	3759987.50	0.01194
405987.50	3759937.50	0.01277	405987.50	3759887.50	0.01415
405987.50	3759837.50	0.01584	405987.50	3759787.50	0.01733
405987.50	3759737.50	0.01972	405987.50	3759687.50	0.02544
405987.50	3759637.50	0.02791	405987.50	3759587.50	0.02958
405987.50	3759537.50	0.03190	405987.50	3759487.50	0.03333
405987.50	3759437.50	0.03214	405987.50	3759387.50	0.02487
405987.50	3759337.50	0.02171	405987.50	3759287.50	0.01789
405987.50	3759237.50	0.01460	405987.50	3759187.50	0.01160
405987.50	3759137.50	0.01035	405987.50	3759087.50	0.00902
405987.50	3759037.50	0.00801	405987.50	3758987.50	0.00766
405987.50	3758937.50	0.00736	405987.50	3758887.50	0.00701
405987.50	3758837.50	0.00683	405987.50	3758787.50	0.00669
405987.50	3758737.50	0.00654	405987.50	3758687.50	0.00646
406037.50	3759987.50	0.01316	406037.50	3759837.50	0.01645
406037.50	3759787.50	0.01833	406037.50	3759737.50	0.02103
406037.50	3759687.50	0.02636	406037.50	3759637.50	0.02971
406037.50	3759587.50	0.03155	406037.50	3759537.50	0.03392

• *** ISCST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT
 *** ANALYSIS ANNUAL PM emissions mitigated

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 *** 12:01:02
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**MODELOPTs:
 CONC

URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406037.50	3759487.50	0.02674	406037.50	3759437.50	0.02542
406037.50	3759387.50	0.02425	406037.50	3759337.50	0.02128
406037.50	3759287.50	0.01799	406037.50	3759237.50	0.01464
406037.50	3759187.50	0.01241	406037.50	3759137.50	0.01079
406037.50	3759087.50	0.00956	406037.50	3759037.50	0.00864
406037.50	3758987.50	0.00823	406037.50	3758937.50	0.00785
406037.50	3758887.50	0.00757	406037.50	3758837.50	0.00729
406037.50	3758787.50	0.00722	406037.50	3758737.50	0.00704

Appendix B

		PM Annual Emissions Mitigated			
406037.50	3758687.50	0.00675	406087.50	3759987.50	0.01460
406087.50	3759837.50	0.01643	406087.50	3759787.50	0.01771
406087.50	3759737.50	0.01920	406087.50	3759687.50	0.02181
406087.50	3759637.50	0.02470	406087.50	3759587.50	0.02637
406087.50	3759537.50	0.02664	406087.50	3759487.50	0.02715
406087.50	3759437.50	0.02443	406087.50	3759387.50	0.02235
406087.50	3759337.50	0.02051	406087.50	3759287.50	0.01891
406087.50	3759237.50	0.01504	406087.50	3759187.50	0.01312
406087.50	3759137.50	0.01142	406087.50	3759087.50	0.01017
406087.50	3759037.50	0.00930	406087.50	3758987.50	0.00885
406087.50	3758937.50	0.00837	406087.50	3758887.50	0.00824
406087.50	3758837.50	0.00794	406087.50	3758787.50	0.00773
406087.50	3758737.50	0.00751	406087.50	3758687.50	0.00724
406137.50	3759987.50	0.01802	406137.50	3759837.50	0.01572
406137.50	3759787.50	0.01713	406137.50	3759737.50	0.01942
406137.50	3759687.50	0.02249	406137.50	3759637.50	0.02472
406137.50	3759587.50	0.02676	406137.50	3759537.50	0.02759
406137.50	3759487.50	0.02512	406137.50	3759437.50	0.02529
406137.50	3759387.50	0.02547	406137.50	3759337.50	0.02336
406137.50	3759287.50	0.02041	406137.50	3759237.50	0.01649
406137.50	3759187.50	0.01410	406137.50	3759137.50	0.01216
406137.50	3759087.50	0.01089	406137.50	3759037.50	0.01003
406137.50	3758987.50	0.00965	406137.50	3758937.50	0.00926
406137.50	3758887.50	0.00888	406137.50	3758837.50	0.00865
406137.50	3758787.50	0.00825	406137.50	3758737.50	0.00796
406137.50	3758687.50	0.00762	406187.50	3759437.50	0.03390
406187.50	3759387.50	0.03082	406187.50	3759337.50	0.02759
406187.50	3759287.50	0.02230	406187.50	3759237.50	0.01759
406187.50	3759187.50	0.01484	406187.50	3759137.50	0.01302
406187.50	3759087.50	0.01174	406187.50	3759037.50	0.01089
406187.50	3758987.50	0.01051	406187.50	3758937.50	0.01002
406187.50	3758887.50	0.00969	406187.50	3758837.50	0.00927
* *** IS CST3 - VERSION 02035 ***		*** WHITTIER MATRIX OIL PROJECT		***	
		*** ANALYSIS ANNUAL PM emissions mitigated		07/29/11	
**MODELOPTs:				12:01:02	
CONC		URBAN ELEV FLGPOL NOCALM		PAGE 89	
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1					
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,					
*** DISCRETE CARTESIAN RECEPTOR POINTS ***					
		** CONC OF OTHER IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406187.50	3758787.50	0.00879	406187.50	3758737.50	0.00840
406187.50	3758687.50	0.00798	406237.50	3759437.50	0.03971
406237.50	3759387.50	0.03463	406237.50	3759337.50	0.02925
406237.50	3759287.50	0.02401	406237.50	3759237.50	0.01912
406237.50	3759187.50	0.01592	406237.50	3759137.50	0.01380
406237.50	3759087.50	0.01270	406237.50	3759037.50	0.01171
406237.50	3758987.50	0.01120	406237.50	3758937.50	0.01082
406237.50	3758887.50	0.01030	406237.50	3758837.50	0.00992
406237.50	3758787.50	0.00932	406237.50	3758737.50	0.00883
406237.50	3758687.50	0.00831	406287.50	3759437.50	0.04404
406287.50	3759387.50	0.04147	406287.50	3759337.50	0.03142
406287.50	3759287.50	0.02553	406287.50	3759237.50	0.02058
406287.50	3759187.50	0.01689	406287.50	3759137.50	0.01493
406287.50	3759087.50	0.01345	406287.50	3759037.50	0.01265
406287.50	3758987.50	0.01190	406287.50	3758937.50	0.01149
406287.50	3758887.50	0.01087	406287.50	3758837.50	0.01019
406287.50	3758787.50	0.00984	406287.50	3758737.50	0.00920
406287.50	3758687.50	0.00874	406337.50	3759437.50	0.04845
406337.50	3759387.50	0.04477	406337.50	3759337.50	0.03495
406337.50	3759287.50	0.02724	406337.50	3759237.50	0.02192
406337.50	3759187.50	0.01838	406337.50	3759137.50	0.01605
406337.50	3759087.50	0.01426	406337.50	3759037.50	0.01348
406337.50	3758987.50	0.01267	406337.50	3758937.50	0.01194
406337.50	3758887.50	0.01141	406337.50	3758837.50	0.01063
406337.50	3758787.50	0.01012	406337.50	3758737.50	0.00957
406337.50	3758687.50	0.00903	406387.50	3759337.50	0.03450
406387.50	3759287.50	0.02817	406387.50	3759237.50	0.02308
406387.50	3759187.50	0.01973	406387.50	3759137.50	0.01710
406387.50	3759087.50	0.01551	406387.50	3759037.50	0.01440
406387.50	3758987.50	0.01372	406387.50	3758937.50	0.01286

Appendix B

			PM Annual Emissions Mitigated				
406387.50	3758887.50	0.01164	406387.50	3758837.50	0.01090		
406387.50	3758787.50	0.01034	406387.50	3758737.50	0.00993		
406387.50	3758687.50	0.00947	406437.50	3759337.50	0.03594		
406437.50	3759287.50	0.02918	406437.50	3759237.50	0.02497		
406437.50	3759187.50	0.02109	406437.50	3759137.50	0.01823		
406437.50	3759087.50	0.01659	406437.50	3759037.50	0.01538		
406437.50	3758987.50	0.01463	406437.50	3758937.50	0.01380		
406437.50	3758887.50	0.01224	406437.50	3758837.50	0.01114		
406437.50	3758787.50	0.01070	406437.50	3758737.50	0.01019		
406437.50	3758687.50	0.00980	406487.50	3759287.50	0.03158		
* *** IS CST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			***	07/29/11
			*** ANALYSIS ANNUAL PM emissions mitigated			***	12:01:02
**MODELOPTs:							PAGE 90
CONC	URBAN ELEV	FLGPOL	NOCALM				
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION			VALUES FOR SOURCE GROUP: 1			***	
INCLUDING SOURCE(S):			1	2	3	4	
*** DISCRETE CARTESIAN RECEPTOR POINTS ***							
		** CONC OF OTHER	IN MICROGRAMS/M**3				
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
406487.50	3759237.50	0.02670	406487.50	3759187.50	0.02207		
406487.50	3759137.50	0.01955	406487.50	3759087.50	0.01778		
406487.50	3759037.50	0.01670	406487.50	3758987.50	0.01578		
406487.50	3758937.50	0.01462	406487.50	3758887.50	0.01291		
406487.50	3758837.50	0.01203	406487.50	3758787.50	0.01142		
406487.50	3758737.50	0.01076	406487.50	3758687.50	0.00993		
406537.50	3759237.50	0.02884	406537.50	3759187.50	0.02435		
406537.50	3759137.50	0.02155	406537.50	3759087.50	0.01993		
406537.50	3759037.50	0.01825	406537.50	3758987.50	0.01647		
406537.50	3758937.50	0.01474	406537.50	3758887.50	0.01377		
406537.50	3758837.50	0.01331	406537.50	3758787.50	0.01233		
406537.50	3758737.50	0.01109	406537.50	3758687.50	0.00990		
406587.50	3759237.50	0.03382	406587.50	3759187.50	0.02861		
406587.50	3759137.50	0.02453	406587.50	3759087.50	0.02200		
406587.50	3759037.50	0.01967	406587.50	3758987.50	0.01747		
406587.50	3758937.50	0.01612	406587.50	3758887.50	0.01516		
406587.50	3758837.50	0.01399	406587.50	3758787.50	0.01245		
406587.50	3758737.50	0.01083	406587.50	3758687.50	0.00955		
406587.50	3758637.50	0.00828	406637.50	3759187.50	0.03305		
406637.50	3759137.50	0.02794	406637.50	3759087.50	0.02460		
406637.50	3759037.50	0.02037	406637.50	3758987.50	0.01883		
406637.50	3758937.50	0.01795	406637.50	3758887.50	0.01639		
406637.50	3758837.50	0.01414	406637.50	3758787.50	0.01207		
406637.50	3758737.50	0.01033	406637.50	3758687.50	0.00907		
406687.50	3759137.50	0.02969	406687.50	3759087.50	0.02565		
406687.50	3759037.50	0.02347	406687.50	3758987.50	0.02169		
406687.50	3758937.50	0.01944	406687.50	3758887.50	0.01607		
406687.50	3758837.50	0.01354	406687.50	3758737.50	0.00960		
406737.50	3759137.50	0.03408	406737.50	3759037.50	0.02872		
406737.50	3758987.50	0.02351	406737.50	3758937.50	0.01855		
406737.50	3758637.50	0.00755	406787.50	3759037.50	0.03204		
406787.50	3758987.50	0.02265	406787.50	3758937.50	0.01707		
406787.50	3758687.50	0.00853	406787.50	3758637.50	0.00738		
406837.50	3758737.50	0.01006	406837.50	3758687.50	0.00909		
406837.50	3758637.50	0.00799	406887.50	3758787.50	0.01198		
406887.50	3758737.50	0.01068	406887.50	3758687.50	0.00959		
406887.50	3758637.50	0.00851	406937.50	3758737.50	0.01171		
406937.50	3758687.50	0.01056	406937.50	3758637.50	0.00937		
406987.50	3758737.50	0.01344	406987.50	3758687.50	0.01203		
406987.50	3758637.50	0.01037	407037.50	3758687.50	0.01282		
* *** IS CST3 - VERSION 02035 ***			*** WHITTIER MATRIX OIL PROJECT			***	07/29/11
			*** ANALYSIS ANNUAL PM emissions mitigated			***	12:01:02
**MODELOPTs:							PAGE 91
CONC	URBAN ELEV	FLGPOL	NOCALM				
*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION			VALUES FOR SOURCE GROUP: 1			***	
INCLUDING SOURCE(S):			1	2	3	4	
*** DISCRETE CARTESIAN RECEPTOR POINTS ***							
		** CONC OF OTHER	IN MICROGRAMS/M**3				

Appendix B

X-COORD (M)	Y-COORD (M)	CONC	PM Annual Emissions Mitigated		
			X-COORD (M)	Y-COORD (M)	CONC
407037.50	3758637.50	0.01168	407087.50	3758637.50	0.01403
407137.50	3758637.50	0.01487	407187.50	3758637.50	0.01526
407237.50	3758637.50	0.01487	407287.50	3758637.50	0.01363
407337.50	3758637.50	0.01187	407387.50	3758637.50	0.01057
407437.50	3758637.50	0.01041	407487.50	3758637.50	0.00888
407537.50	3758637.50	0.00101	407587.50	3758637.50	0.00106
407637.50	3758637.50	0.00111	407687.50	3758637.50	0.00115
407737.50	3758637.50	0.00117	407787.50	3758637.50	0.00119
407837.50	3758637.50	0.00119	407887.50	3758637.50	0.00118
407937.50	3758637.50	0.00116	407987.50	3758637.50	0.00114
408037.50	3758637.50	0.00112	408087.50	3758637.50	0.00110
405987.50	3758637.50	0.00629	405987.50	3758587.50	0.00614
406037.50	3758637.50	0.00662	406037.50	3758587.50	0.00642
406087.50	3758637.50	0.00693	406087.50	3758587.50	0.00670
406137.50	3758637.50	0.00724	406137.50	3758587.50	0.00695
406187.50	3758637.50	0.00765	406187.50	3758587.50	0.00727
406237.50	3758637.50	0.00792	406237.50	3758587.50	0.00760
406287.50	3758637.50	0.00827	406287.50	3758587.50	0.00792
406337.50	3758637.50	0.00850	406337.50	3758587.50	0.00807
406387.50	3758637.50	0.00879	406387.50	3758587.50	0.00811
406437.50	3758637.50	0.00897	406437.50	3758587.50	0.00817
406487.50	3758637.50	0.00896	406487.50	3758587.50	0.00794
406537.50	3758637.50	0.00869	406537.50	3758587.50	0.00770
406587.50	3758587.50	0.00722	406737.50	3758587.50	0.00665
406787.50	3758587.50	0.00697	406837.50	3758587.50	0.00698
406887.50	3758587.50	0.00684	406937.50	3758587.50	0.00911
406987.50	3758587.50	0.01069	407037.50	3758587.50	0.01263
407087.50	3758587.50	0.01353	407137.50	3758587.50	0.01431
407187.50	3758587.50	0.01536	407237.50	3758587.50	0.01498
407287.50	3758587.50	0.01295	407337.50	3758587.50	0.01132
407387.50	3758587.50	0.01016	407437.50	3758587.50	0.00976
407487.50	3758587.50	0.00836	407537.50	3758587.50	0.00095
407587.50	3758587.50	0.00100	407637.50	3758587.50	0.00104
407687.50	3758587.50	0.00109	407737.50	3758587.50	0.00112
407787.50	3758587.50	0.00114	407837.50	3758587.50	0.00115
407887.50	3758587.50	0.00116	407937.50	3758587.50	0.00115
407987.50	3758587.50	0.00113	408037.50	3758587.50	0.00111
408087.50	3758587.50	0.00109	408749.81	3760427.50	0.00138
408576.44	3760430.50	0.00150	408341.81	3760655.25	0.00169
408422.13	3760726.50	0.00160	408512.50	3760597.25	0.00153

• *** ISCSST3 - VERSION 02035 ***

*** WHITTIER MATRIX OIL PROJECT

*** ANALYSIS ANNUAL PM emissions mitigated

07/29/11

12:01:02

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**MODELOPTs:

CONC URBAN ELEV FLGPOL NOCALM

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1
INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
408737.16	3760284.25	0.00137	407589.22	3757492.75	0.00072
406297.84	3757662.00	0.00211	406584.22	3757389.75	0.00198
407118.84	3757983.50	0.00664	406874.28	3758349.75	0.00685
406620.19	3758321.00	0.00446	406622.53	3757771.75	0.00273
406913.03	3757488.00	0.00328	406700.63	3757538.25	0.00258
407066.22	3757290.75	0.00319	407127.28	3757406.50	0.00359
408971.50	3759219.25	0.00209	408922.47	3758958.75	0.00145
408826.50	3758876.00	0.00127	409072.44	3758868.25	0.00131
408994.97	3758728.50	0.00112	408227.34	3758224.50	0.00103
408139.69	3758492.50	0.00106	408581.97	3758154.25	0.00094
408461.59	3758025.75	0.00099	407729.41	3758130.75	0.00072
407645.41	3757976.25	0.00067	407482.91	3757723.50	0.00441
405320.38	3759820.00	0.00797	405904.09	3759261.50	0.01495
405691.53	3759433.25	0.01638	405617.38	3759631.25	0.01924
405524.66	3759523.75	0.01348	405402.38	3759491.75	0.01198
405646.00	3759323.00	0.01277	405616.31	3759173.50	0.00856
405512.63	3759095.00	0.00658	405377.47	3759043.00	0.00563
405466.31	3758975.75	0.00502	405527.84	3758925.25	0.00473
406550.63	3758915.00	0.01454	406480.47	3759093.00	0.01762
406259.69	3759222.50	0.01859	406195.81	3759106.75	0.01231

Appendix B

				PM Annual Emissions Mitigated			
406070.25	3759025.25	0.00894	405757.63	3758923.00	0.00569		
405844.38	3758855.25	0.00582	406318.13	3758856.00	0.01088		
406403.53	3759010.50	0.01441	406352.00	3759038.50	0.01375		
406045.00	3760461.25	0.01184	407358.28	3758534.50	0.01053		
407261.69	3758458.75	0.01327	406506.84	3758549.25	0.00722		
406457.91	3758378.00	0.00530	406301.69	3758551.25	0.00766		
406205.03	3758613.50	0.00758	406115.41	3758675.25	0.00736		
406028.59	3758737.00	0.00690	405938.28	3758799.00	0.00636		
405736.72	3758451.50	0.00452	405814.44	3758395.25	0.00473		
406257.69	3758091.75	0.00383	406166.63	3758153.50	0.00446		
405932.31	3758196.50	0.00451	406072.19	3758298.75	0.00521		
405823.09	3758062.75	0.00391	405911.28	3757995.50	0.00381		
405982.13	3757889.25	0.00339	405799.16	3757924.25	0.00350		
405647.81	3758653.25	0.00432	405489.16	3758508.50	0.00364		
405436.44	3758454.50	0.00347	405455.72	3758338.00	0.00352		
405549.16	3758093.00	0.00352	405661.88	3758014.50	0.00355		
405479.72	3758764.50	0.00385	405359.16	3758904.50	0.00425		
405170.69	3759021.00	0.00517	405201.97	3758906.00	0.00413		
405349.88	3758821.25	0.00375	405215.44	3758773.00	0.00339		
405359.75	3758681.25	0.00336	405435.38	3758629.50	0.00351		
. *** ISCST3 - VERSION 02035 ***		*** WHITTIER MATRIX OIL PROJECT		***		07/29/11	
		*** ANALYSIS ANNUAL PM emissions mitigated		***		12:01:02	
**MODELOPTs:						PAGE 93	
CONC		URBAN ELEV FLGPOL NOCALM					
		*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION		VALUES FOR SOURCE GROUP: 1		***	
		INCLUDING SOURCE(S): 1 , 2 , 3 , 4 ,					
		*** DISCRETE CARTESIAN RECEPTOR POINTS ***					
		** CONC OF OTHER IN MICROGRAMS/M**3		**			
X-COORD (M) Y-COORD (M) CONC		X-COORD (M) Y-COORD (M) CONC					
405236.44 3759463.75 0.00920		405212.38 3759382.75 0.00856					
405186.19 3759300.00 0.00797		405257.38 3759088.75 0.00601					
408456.66 3760361.75 0.00160		408269.97 3760516.25 0.00178					
407367.84 3760879.75 0.00846		408322.63 3760275.50 0.00175					
408794.38 3759931.00 0.00166		406130.81 3760014.50 0.01604					
. *** ISCST3 - VERSION 02035 ***		*** WHITTIER MATRIX OIL PROJECT		***		07/29/11	
		*** ANALYSIS ANNUAL PM emissions mitigated		***		12:01:02	
**MODELOPTs:						PAGE 94	
CONC		URBAN ELEV FLGPOL NOCALM					
		*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***					
		** CONC OF OTHER IN MICROGRAMS/M**3		**			

GROUP ID	AVERAGE CONC	RECEPTOR	(XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
1	1ST HIGHEST VALUE IS	0.05430 AT (	406301.56, 3759468.00,	157.95, 1.50)	DC NA
	2ND HIGHEST VALUE IS	0.04984 AT (	406351.53, 3759469.50,	153.74, 1.50)	DC NA
	3RD HIGHEST VALUE IS	0.04855 AT (	406326.53, 3759468.75,	156.36, 1.50)	DC NA
	4TH HIGHEST VALUE IS	0.04845 AT (	406337.50, 3759437.50,	154.93, 1.50)	DC NA
	5TH HIGHEST VALUE IS	0.04714 AT (	406362.50, 3759437.50,	151.09, 1.50)	DC NA
	6TH HIGHEST VALUE IS	0.04704 AT (	406372.91, 3759467.25,	148.68, 1.50)	DC NA
	7TH HIGHEST VALUE IS	0.04691 AT (	406337.50, 3759412.50,	153.65, 1.50)	DC NA
	8TH HIGHEST VALUE IS	0.04650 AT (	406312.50, 3759437.50,	155.94, 1.50)	DC NA
	9TH HIGHEST VALUE IS	0.04638 AT (	406374.28, 3759442.25,	147.83, 1.50)	DC NA
	10TH HIGHEST VALUE IS	0.04529 AT (	406312.50, 3759412.50,	154.96, 1.50)	DC NA
*** RECEPTOR TYPES:		GC = GRIDCART			
		GP = GRIDPOLR			
		DC = DISCCART			
		DP = DISCPOLR			
		BD = BOUNDARY			
. *** ISCST3 - VERSION 02035 ***		*** WHITTIER MATRIX OIL PROJECT		***	
		*** ANALYSIS ANNUAL PM emissions mitigated		***	
**MODELOPTs:					
CONC		URBAN ELEV FLGPOL NOCALM			

. *** ISCST3 - VERSION 02035 ***		*** WHITTIER MATRIX OIL PROJECT		***		07/29/11	
		*** ANALYSIS ANNUAL PM emissions mitigated		***		12:01:02	
**MODELOPTs:						PAGE 95	
CONC		URBAN ELEV FLGPOL NOCALM					

Appendix B

PM Annual Emissions Mitigated

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 75552 Informational Message(s)
A Total of 1405 Calm Hours Identified
A Total of 74147 Cases Identified with HE > ZI

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
ME W360 7444 SET_WI:2-Digit Year Specified: Valid for Range 1950-2049 SURFDATA
RE W282 7437 CHK_EL:RecElev < SrcBase; See non-DEFAULT HE>ZI option in MCB#9

*** ISCST3 Finishes Successfully ***
