

# City of Whittier

## **Whittier Utility Authority**



*People, Pride, Progress*

*Adopted Budget for  
Fiscal Year 2016-17*



⋮  
City of Whittier

*Whittier Utility Authority*

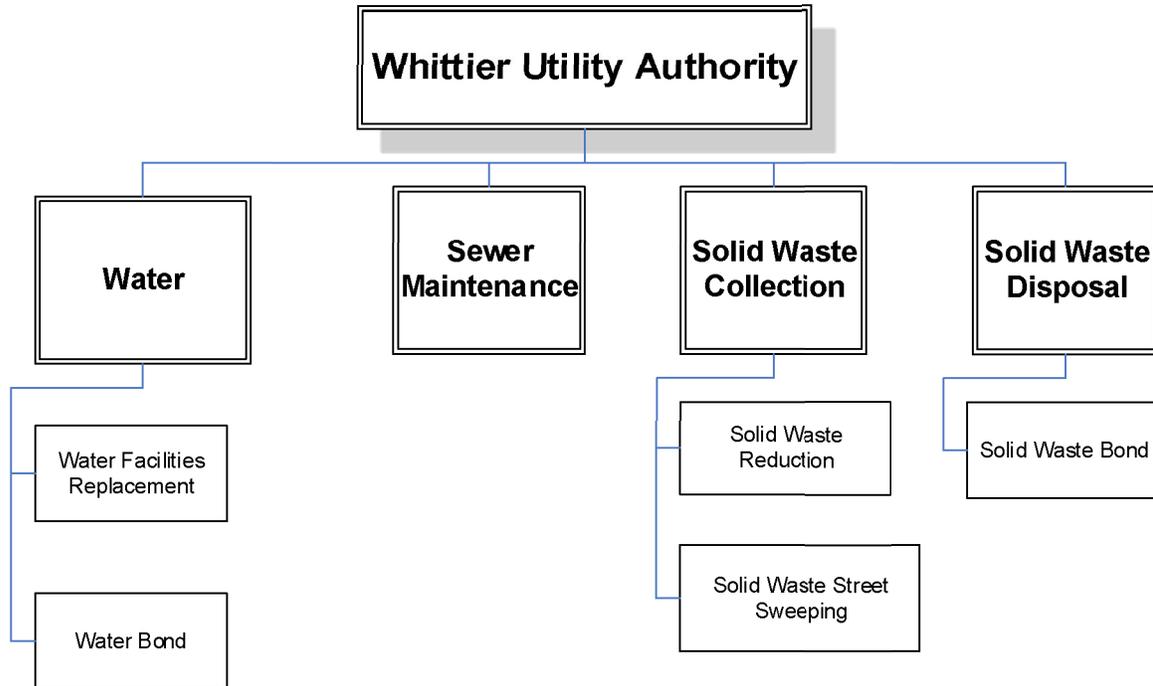
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- *Sewer Maintenance*
- *Water Fund*
- *Solid Waste Collection*
- *Solid Waste Reduction*
- *Solid Waste Street Sweeping*
- *Solid and Toxic Waste Disposal*
- *Water Facilities Replacement*
- *Water Bond*
- *Solid Waste Bond*



# Whittier Utility Authority

## Organization Chart

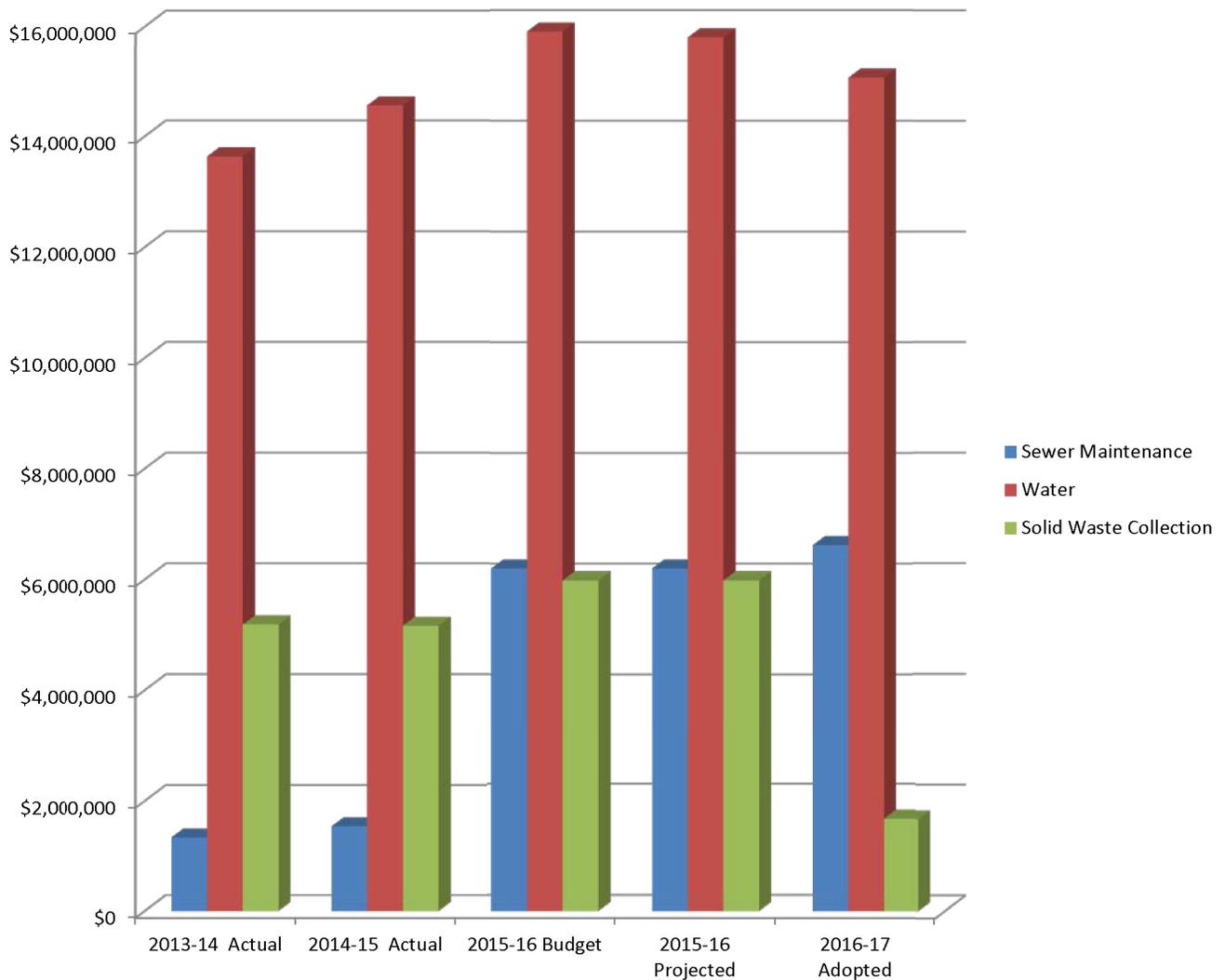




# City of Whittier

## Whittier Utility Authority

Division/Cost Center	2013-14 Actual	2014-15 Actual	2015-16 Budget	2015-16 Projected	2016-17 Adopted
Sewer Maintenance	\$ 1,341,274	\$ 1,542,603	\$ 6,203,569	\$ 6,203,569	\$ 6,626,094
Water	13,638,374	14,560,609	15,899,236	15,793,286	15,068,720
Solid Waste Collection	5,186,241	5,165,714	5,990,287	5,990,287	1,656,931



# City of Whittier

## Sewer Maintenance

### OVERVIEW

The Sewer Maintenance Division maintains 194 miles of sewer lines within the City. The Division routinely cleans these sewer lines once every twelve months and some areas on a more frequent basis. The Sewer Maintenance Division is working with the Engineering Division to establish, design and construct priority sewer repair and replacement projects to reduce the number of sewer stoppages and overflows.

In addition, the Sewer Maintenance Division will administer an annual contract for the Spot Repair Program for known structural defects that may cause sewer overflow. This contract targets approximately 70 spot repairs each year. This program in one year reduced the sewer overflows from 43 in FY 2014-2015 overflows 19 in FY 2015-16. At the same time the sewer overflow volume decreased more than 50%.

During this same period, Sewer Division installed seven (7) Smart Covers that measures the sewer water levels in the pipes. This technology based manhole covers alerted Sewer Maintenance Crews of at least 4 potential overflows in less than one year.

Chemical Root foaming was performed in FY 2015-16. It was deemed ineffective compared with the cost of service. The Spot Repair program coupled with the Smart Covers yield better results in reducing sewer overflows.

### KEY GOALS

- Provide for the safe and efficient maintenance of the sewer system to maintain health and sanitation standards
- Update and improve existing sewer system plans by automating system data
- Improve information retrieval by computer scanning of sewer plans for secondary back-up systems
- Replace old and undersized sewer mains
- Identify problem areas by analyzing maintenance and repair data
- Evaluate sewer main conditions using video inspections
- Comply with state requirements for monitoring and reporting sewer spills
- Comply with the State Water Resources Central Board (SWRCB) for the general Waste Discharge Requirements for Sanitary Sewer System
- Evaluate rate structure to ensure the continued financial viability of sewer system.

### PERFORMANCE MEASURES

Measure	FY 2013-14 Actual	FY 2014-15 Actual	FY 2015-16 Actual	FY 2016-17 Estimated
Single-family sewer service	18,442	18,444	18,444	18,442
Multi-residential sewer service	2,024	2,024	2,024	2,024
Commercial sewer service	1,675	1,675	1,675	1,675
Sewer spills	22	43	19	12

# City of Whittier

## Sewer Maintenance (410-30-342-000)

	2013-14 Actual	2014-15 Actual	2015-16 Budget	2015-16 Projected	2016-17 Adopted
<b><u>SUMMARY</u></b>					
<b>Expenditures and Transfers-Out By Type</b>					
Employee Services	\$ 582,886	\$ 633,817	\$ 667,151	\$ 667,151	\$ 889,244
Maintenance and Operations	524,286	520,140	902,418	902,418	1,066,850
Capital Outlay	224,102	348,646	4,410,000	4,410,000	4,410,000
Total Expenditures	1,331,274	1,502,603	5,979,569	5,979,569	6,366,094
Transfers-Out	10,000	40,000	224,000	224,000	260,000
Total Expenditures and Transfers-Out	\$ <u>1,341,274</u>	\$ <u>1,542,603</u>	\$ <u>6,203,569</u>	\$ <u>6,203,569</u>	\$ <u>6,626,094</u>
<b>Expenditures and Transfers-Out By Funding Source</b>					
Sewer Maintenance Fund	1,341,274	1,542,603	6,203,569	6,203,569	6,626,094
Total Expenditures and Transfers-Out	\$ <u>1,341,274</u>	\$ <u>1,542,603</u>	\$ <u>6,203,569</u>	\$ <u>6,203,569</u>	\$ <u>6,626,094</u>
<b><u>DETAIL</u></b>					
<b>Operating Expenditures and Transfers-Out</b>					
Salaries and Wages	\$ 205,637	\$ 251,352	\$ 244,102	\$ 244,102	\$ 371,111
Employee Benefits	377,249	382,465	423,049	423,049	518,133
Total Employee Services	582,886	633,817	667,151	667,151	889,244
Dues, Memberships, License and Publications	296	507	1,507	1,507	1,507
Rentals	-	-	3,000	3,000	3,000
Taxes and Assessments	-	-	-	-	-
Insurance	190,803	154,956	247,109	247,109	355,582
Professional Services	2,709	25,549	181,300	181,300	181,300
Utilities	1,731	2,419	2,101	2,101	2,101
Miscellaneous Services	2,023	1,354	3,379	3,379	3,379
Repairs and Maintenance	104,072	102,538	230,039	230,039	230,039
Materials and Supplies	11,008	20,334	23,804	23,804	33,804
City Charges	73,229	74,034	74,553	74,553	76,044
Mobile Equipment Rental	138,415	138,415	132,926	132,926	166,344
Other	-	34	2,700	2,700	2,700
Total Maintenance and Operations	524,286	520,140	902,418	902,418	1,055,800
Capital Outlay	224,102	348,646	4,410,000	4,410,000	4,410,000
Transfers-Out	10,000	40,000	20,000	20,000	20,000
Total Operating Expenditures/Transfers	1,341,274	1,542,603	5,999,569	5,999,569	6,375,044
<b>Non-Operating Expenditures and Transfers-Out</b>					
Employee Services	-	-	-	-	-
Maintenance and Operations	-	-	-	-	11,050
Capital Outlay	-	-	-	-	-
Transfers-Out	-	-	204,000	204,000	240,000
Total Non-Operating Expenditures/Transfers	-	-	204,000	204,000	251,050
Total Expenditures and Transfers-Out	\$ <u>1,341,274</u>	\$ <u>1,542,603</u>	\$ <u>6,203,569</u>	\$ <u>6,203,569</u>	\$ <u>6,626,094</u>
<b>Full Time Positions</b>	4.0	4.0	4.0	4.0	6.0
<b>Part Time Positions (Full Time Equivalent)</b>	0.9	0.9	0.9	0.9	0.9
Total	<u>4.9</u>	<u>4.9</u>	<u>4.9</u>	<u>4.9</u>	<u>6.9</u>

# City of Whittier

## Water Fund (420)

### OVERVIEW

The Water Division, a major component of the Whittier Utility Authority (WUA), provides nearly 2.5 billion gallons of water each year to residents and businesses in the City of Whittier. Operated by the WUA within the department of Public Works, the Water Division performs over 1,500 water quality tests each year. Additionally, the Water Division is responsible for the maintenance of the water system to ensure it remains contaminate free, with consistent water pressure and adequate fire flow to ensure protection of life and property. The water system includes seven production wells, nine booster stations and twelve reservoirs, all operated and maintained by City personnel. In addition, the Water Division is contracted to operate the Central Basin Quality Protection Program (CBWQPP). The CBWQPP chlorinates and pumps approximately 4 million gallons of water per day. These facilities provide drinking water (as needed by each City) to the City of Whittier, Santa Fe Springs, and City of Pico Rivera with quality drinking water for the future, while protecting the valuable water resources of our neighboring communities.

### KEY GOALS

- Provide a continuous supply of high quality water that meets all state and federal regulations
- Operate the CBWQPP for Central Basin and coordinate operations with the cities of Pico Rivera and Santa Fe Springs
- Maintain all valves in the water system ensuring proper function
- Inspect or monitor water meters to ensure accurate consumption measurement
- Provide water, if available, to the cities of Pico Rivera and Santa Fe Springs
- Collaborate with Central Basin Municipal Water District to supply reclaimed water to large customers
- Calibrate the operation of production and distribution systems to maximize efficiency in water delivery to customers through field-testing and computer modeling
- Update the Water Master Plan to incorporate the new Marshall R. Bowen Pumping Plant (formerly Pumping Plant 2) to prioritize water improvement projects and have a long-range plan for the water system
- Replace damaged water transmission main valves and undersized water distribution mains
- Minimize water loss by early detection and repair of leaks
- Complete security system improvements at all critical water facilities
- Collaborate with Environmental Protection Agency (EPA) and Department of Toxic Substances Control (DTSC) to mitigate water quality in Main Basin and negotiate the terms and conditions for resumption of Whittier Narrows Operative Unit (WNOU)

### PERFORMANCE MEASURES

<b>Measure</b>	<b>FY 2013-14 Actual</b>	<b>FY 2014-15 Actual</b>	<b>FY 2015-16 Actual</b>	<b>FY 2016-17 Projected</b>
Water customers (# of service connections)	11,352	11,352	11,352	11,353
Average daily water production (gal)	7,814,490	7,191,175	6,000,508	6,300,500
Maximum plant capacity per day (gal)	19,400,000	19,400,000	25,200,000	25,200,000

# City of Whittier

## Water Fund (420)

	2013-14 Actual	2014-15 Actual	2015-16 Budget	2015-16 Projected	2016-17 Adopted
<b><u>SUMMARY</u></b>					
<b>Expenditures and Transfers-Out By Type</b>					
Employee Services	\$ 2,163,419	\$ 2,309,868	\$ 2,846,789	\$ 2,632,680	\$ 3,020,256
Maintenance and Operations	6,975,137	7,012,929	6,658,307	6,627,954	4,889,269
Capital Outlay	2,979,545	3,823,055	5,004,100	4,816,038	5,755,000
Total Expenditures	12,118,101	13,145,852	14,509,196	14,076,672	13,664,525
Transfers-Out	1,520,273	1,414,757	1,390,040	1,716,614	1,404,195
Total Expenditures and Transfers-Out	\$ <u>13,638,374</u>	\$ <u>14,560,609</u>	\$ <u>15,899,236</u>	\$ <u>15,793,286</u>	\$ <u>15,068,720</u>
<b>Expenditures and Transfers-Out By Funding Source</b>					
Water Fund	13,638,374	14,560,609	15,899,236	15,793,286	15,068,720
Total Expenditures and Transfers-Out	\$ <u>13,638,374</u>	\$ <u>14,560,609</u>	\$ <u>15,899,236</u>	\$ <u>15,793,286</u>	\$ <u>15,068,720</u>
<b><u>DETAIL</u></b>					
<b>Operating Expenditures and Transfers-Out</b>					
Salaries and Wages	\$ 1,398,773	\$ 1,448,253	\$ 1,957,556	\$ 1,786,231	\$ 1,936,330
Employee Benefits	764,646	861,615	889,233	846,449	1,083,926
Total Employee Services	2,163,419	2,309,868	2,846,789	2,632,680	3,020,256
Dues, Memberships, License and Publications	17,673	237,373	31,862	31,862	31,862
Rentals	934,629	934,629	936,629	936,629	936,629
Taxes and Assessments	1,343,712	1,031,322	417,410	417,410	417,410
Insurance	408,911	443,999	462,510	462,510	485,603
Professional Services	257,247	274,746	252,140	252,140	252,140
Utilities	978,581	969,407	1,192,324	1,161,865	1,159,524
Miscellaneous Services	1,934	1,234	22,706	22,706	37,706
Repairs and Maintenance	286,511	368,198	618,789	618,789	618,789
Materials and Supplies	140,139	142,680	145,226	145,332	162,319
City Charges	504,048	509,992	514,151	514,151	520,313
Mobile Equipment Rental	201,784	187,662	149,960	149,960	186,174
Other	14,968	26,687	29,600	29,600	30,800
Total Maintenance and Operations	5,090,137	5,127,929	4,773,307	4,742,954	4,839,269
Capital Outlay	467,471	206,664	4,940,000	2,237,967	5,350,000
Transfers-Out	388,596	428,976	1,214,990	1,214,990	1,237,145
Total Operating Expenditures/Transfers	8,109,623	8,073,437	13,775,086	10,828,591	14,446,670
<b>Non-Operating Expenditures and Transfers-Out</b>					
Employee Services	-	-	-	-	-
Maintenance and Operations	1,885,000	1,885,000	1,885,000	1,885,000	50,000
Capital Outlay	2,512,074	3,616,391	64,100	2,578,071	405,000
Transfers-Out	1,131,677	985,781	175,050	501,624	167,050
Total Non-Operating Expenditures/Transfers	5,528,751	6,487,172	2,124,150	4,964,695	622,050
Total Expenditures and Transfers-Out	\$ <u>13,638,374</u>	\$ <u>14,560,609</u>	\$ <u>15,899,236</u>	\$ <u>15,793,286</u>	\$ <u>15,068,720</u>
<b>Full Time Positions</b>					
	22.0	22.0	24.0	24.0	24.0
<b>Part Time Positions (Full Time Equivalent)</b>					
	2.7	2.7	2.7	2.7	2.7
Total	<u>24.7</u>	<u>24.7</u>	<u>26.7</u>	<u>26.7</u>	<u>26.7</u>

# City of Whittier

## Solid Waste Collection

### OVERVIEW

The Solid Waste Collection program, a component of the Whittier Utility Authority, is operated under the direction of the City's Public Works Department. As of July 1, 2016 the City no longer provides solid waste collection service by City employees. The City is now serviced by two private refuse collection haulers under exclusive agreements. Athens Services provides solid waste collection and recycling services to the western half of the City and Republic Services provides service to the eastern half of the City.

### KEY GOALS

- Insure private haulers provide reliable solid waste collection and recycling services
- Monitor utility billing to accurately reflect service levels provided
- Continue alley rehabilitation program to increase aesthetics, repair pavement and reduce the potential for illegal dumping
- Continue to comply with National Pollutant Discharge Elimination System (NPDES) permit program



Before



After



Athens Services Automated Truck



Republic Services Front Loader Truck

### PERFORMANCE MEASURES

	<b>FY 2013-14</b>	<b>FY 2014-15</b>	<b>FY 2015-16</b>	<b>FY 2016-17</b>
<b>Measure</b>	<b>Actual</b>	<b>Actual</b>	<b>Actual</b>	<b>Projected</b>
Bins repaired or replaced	23	19	0	0
Commercial customers/total	652	652	640	0

# City of Whittier

## Solid Waste Collection (430-30-352-851)

	2013-14 Actual	2014-15 Actual	2015-16 Budget	2015-16 Projected	2016-17 Adopted
<b><u>SUMMARY</u></b>					
<b>Expenditures and Transfers-Out By Type</b>					
Employee Services	\$ 1,525,184	\$ 1,511,533	\$ 1,881,569	\$ 1,881,569	\$ 383,488
Maintenance and Operations	3,514,356	3,522,315	3,952,218	3,952,218	1,141,943
Capital Outlay	15,201	5,366	50,000	50,000	50,000
Total Expenditures	5,054,741	5,039,214	5,883,787	5,883,787	1,575,431
Transfers-Out	131,500	126,500	106,500	106,500	81,500
Total Expenditures and Transfers-Out	\$ <u>5,186,241</u>	\$ <u>5,165,714</u>	\$ <u>5,990,287</u>	\$ <u>5,990,287</u>	\$ <u>1,656,931</u>
<b>Expenditures and Transfers-Out By Funding Source</b>					
Solid Waste Collection Fund	5,186,241	5,165,714	5,990,287	5,990,287	1,656,931
Total Expenditures and Transfers-Out	\$ <u>5,186,241</u>	\$ <u>5,165,714</u>	\$ <u>5,990,287</u>	\$ <u>5,990,287</u>	\$ <u>1,656,931</u>
<b><u>DETAIL</u></b>					
<b>Operating Expenditures and Transfers-Out</b>					
Salaries and Wages	\$ 1,137,699	\$ 1,104,531	\$ 1,397,987	\$ 1,397,987	\$ 380,729
Employee Benefits	387,485	407,002	483,582	483,582	2,759
Total Employee Services	1,525,184	1,511,533	1,881,569	1,881,569	383,488
Dues, Memberships, License and Publications	1,532	4,623	6,171	6,171	4,800
Rentals	843,228	843,228	843,228	843,228	17,019
Taxes and Assessments	1,093	1,013	4,050	4,050	1,100
Insurance	68,496	63,257	67,300	67,300	45,955
Professional Services	25,154	65,523	228,300	228,300	66,800
Utilities	1,136,423	1,169,598	1,299,263	1,299,263	5,650
Miscellaneous Services	35,067	35,319	96,500	96,500	20,250
Repairs and Maintenance	287,341	225,422	364,412	364,412	252,062
Materials and Supplies	16,181	19,913	20,365	20,365	1,750
City Charges	201,865	204,085	205,514	205,514	209,624
Mobile Equipment Rental	890,361	889,462	801,915	801,915	516,033
Other *	7,615	872	15,200	15,200	900
Total Maintenance and Operations	3,514,356	3,522,315	3,952,218	3,952,218	1,141,943
Capital Outlay	15,201	5,366	50,000	50,000	50,000
Transfers-Out	25,000	45,000	25,000	25,000	-
Total Operating Expenditures/Transfers	5,079,741	5,084,214	5,908,787	5,908,787	1,575,431
<b>Non-Operating Expenditures and Transfers-Out</b>					
Employee Services	-	-	-	-	-
Maintenance and Operations	-	-	-	-	-
Capital Outlay	-	-	-	-	-
Transfers-Out	106,500	81,500	81,500	81,500	81,500
Total Non-Operating Expenditures/Transfers	106,500	81,500	81,500	81,500	81,500
Total Expenditures and Transfers-Out	\$ <u>5,186,241</u>	\$ <u>5,165,714</u>	\$ <u>5,990,287</u>	\$ <u>5,990,287</u>	\$ <u>1,656,931</u>
<b>Full Time Positions</b>					
	22.0	22.0	22.0	22.0	6.0
<b>Part Time Positions (Full Time Equivalent)</b>					
	1.3	1.3	1.4	1.4	0.0
Total	<u>23.3</u>	<u>23.3</u>	<u>23.4</u>	<u>23.4</u>	<u>6.0</u>

# City of Whittier

## Solid Waste Reduction

### OVERVIEW

The Solid Waste Source Reduction and Recycling Program responsible for compliance with AB 939, the California Integrated Waste Management Act of 1989 was eliminated from the Fiscal Year 2016-17 budget. Most of the programs outlined in the City's Source Reduction and Recycling Element of the County Integrated Waste Management Plan are included in the Interim Solid Waste and Recycling Agreements with Athens Services and Republic Services. These programs utilize several approaches such as solid waste source reduction, recycling and public education to maintain a 50% reduction in the amount of solid waste disposed in landfills. A commercial recycling plan has been implemented in response to the passage of AB 341 as required by CalRecycle.

### KEY GOALS

- Continue the automated co-mingled curbside and greenwaste recycling program
- Maintain a 50% reduction in the amount of solid waste disposed of in landfills
- Continuously promote and encourage public efforts regarding recycling, household hazardous waste disposal, used oil recycling and backyard composting
- Encourage more commercial recycling through public awareness and education and establish or reinforce successful programs or campaigns



Used oil container



Educational Outreach

### PERFORMANCE MEASURES

Measure	FY 2013-14 Actual	FY 2014-15 Actual	FY 2015-16 Actual	FY 2016-17 Projected
Amount recycled (tons)	26,426	29,093	25,481	30,000
Used Motor Oil Recycled (gal)	8,226	8,005	12,194	12,000

# City of Whittier

## Solid Waste Reduction (430-30-352-852)

	2013-14 <u>Actual</u>	2014-15 <u>Actual</u>	2015-16 <u>Budget</u>	2015-16 <u>Projected</u>	2016-17 <u>Adopted</u>
<b><u>SUMMARY</u></b>					
<b>Expenditures and Transfers-Out By Type</b>					
Employee Services	\$ 11,532	\$ 11,648	\$ 26,330	\$ 26,330	\$ -
Maintenance and Operations	635,673	697,653	642,907	642,907	-
Capital Outlay	-	-	-	-	-
Total Expenditures	<u>647,205</u>	<u>709,301</u>	<u>669,237</u>	<u>669,237</u>	-
Transfers-Out	-	-	-	-	-
Total Expenditures and Transfers-Out	<u>\$ 647,205</u>	<u>\$ 709,301</u>	<u>\$ 669,237</u>	<u>\$ 669,237</u>	<u>\$ -</u>
<b>Expenditures and Transfers-Out By Funding Source</b>					
Solid Waste Collection Fund	647,205	709,301	669,237	669,237	-
Total Expenditures and Transfers-Out	<u>\$ 647,205</u>	<u>\$ 709,301</u>	<u>\$ 669,237</u>	<u>\$ 669,237</u>	<u>\$ -</u>
<b><u>DETAIL</u></b>					
<b>Operating Expenditures and Transfers-Out</b>					
Salaries and Wages	\$ -	\$ -	\$ -	\$ -	\$ -
Employee Benefits	11,532	11,648	26,330	26,330	-
Total Employee Services	<u>11,532</u>	<u>11,648</u>	<u>26,330</u>	<u>26,330</u>	-
Dues, Memberships, License and Publications	-	-	-	-	-
Rentals	-	-	-	-	-
Taxes and Assessments	-	-	-	-	-
Insurance	-	-	-	-	-
Professional Services	-	-	-	-	-
Utilities	634,280	697,178	629,882	629,882	-
Miscellaneous Services	1,353	475	13,000	13,000	-
Repairs and Maintenance	-	-	-	-	-
Materials and Supplies	-	-	-	-	-
City Charges	-	-	-	-	-
Mobile Equipment Rental	-	-	-	-	-
Other	40	-	25	25	-
Total Maintenance and Operations	<u>635,673</u>	<u>697,653</u>	<u>642,907</u>	<u>642,907</u>	-
Capital Outlay	-	-	-	-	-
Transfers-Out	-	-	-	-	-
Total Operating Expenditures/Transfers	<u>647,205</u>	<u>709,301</u>	<u>669,237</u>	<u>669,237</u>	-
<b>Non-Operating Expenditures and Transfers-Out</b>					
Employee Services	-	-	-	-	-
Maintenance and Operations	-	-	-	-	-
Capital Outlay	-	-	-	-	-
Transfers-Out	-	-	-	-	-
Total Non-Operating Expenditures/Transfers	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total Expenditures and Transfers-Out	<u>\$ 647,205</u>	<u>\$ 709,301</u>	<u>\$ 669,237</u>	<u>\$ 669,237</u>	<u>\$ -</u>
<b>Full Time Positions</b>	0.0	0.0	0.0	0.0	0.0
<b>Part Time Positions (Full Time Equivalent)</b>	0.0	0.0	0.0	0.0	0.0
Total	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>

# City of Whittier

## Solid Waste Street Sweeping

### OVERVIEW

The Street Cleaning Program under the Public Works Department is responsible for the sweeping, cleaning and disposal of leaves, litter and debris from Whittier roadways, streets, freeway frontages, alleys, business districts and bus stops.

Street sweeping is conducted regularly to prevent standing water which promotes the growth of algae and increases the presence of flies, mosquitoes and other pests. Street sweeping also eliminates unpleasant or offensive odors.



Whittier Boulevard, a state-owned highway, is part of the City's sweeping route. The City is reimbursed from CALTRANS for sweeping expenses based on the actual cost per mile for the previous year.

Streets within the City are swept bi-weekly, except for the Uptown Maintenance District area, which is swept four times a week. The street maintenance crew operates two (2) vacuum-type street sweepers on a regular basis. An additional street sweeper is available for emergency purposes or in case one of the regular sweepers is in for service or repairs.

For the fiscal year 2016-17, street sweeping was moved to the General Fund (100-30-321-802) as a result of interim agreement to franchise solid waste collection services to trash haulers effective July 1, 2016.



### KEY GOALS

- Provide for the continued maintenance of City roadways in order to maintain a safe environment for City residents
- Reduce leaves, trash and debris from entering the storm drain system as mandated by the National Pollutant Discharge Elimination System (NPDES) permit program

# City of Whittier

## Solid Waste Street Sweeping (430-30-352-853)

	2013-14 Actual	2014-15 Actual	2015-16 Budget	2015-16 Projected	2016-17 Adopted
<b><u>SUMMARY</u></b>					
<b>Expenditures and Transfers-Out By Type</b>					
Employee Services	\$ 146,364	\$ 144,175	\$ 165,719	\$ 165,719	\$ -
Maintenance and Operations	238,817	268,321	288,205	288,205	-
Capital Outlay	131,225	-	-	-	-
Total Expenditures	<u>516,406</u>	<u>412,496</u>	<u>453,924</u>	<u>453,924</u>	<u>-</u>
Transfers-Out	-	-	-	-	-
Total Expenditures and Transfers-Out	<u>\$ 516,406</u>	<u>\$ 412,496</u>	<u>\$ 453,924</u>	<u>\$ 453,924</u>	<u>\$ -</u>
<b>Expenditures and Transfers-Out By Funding Source</b>					
Solid Waste Collection Fund	516,406	412,496	453,924	453,924	-
Total Expenditures and Transfers-Out	<u>\$ 516,406</u>	<u>\$ 412,496</u>	<u>\$ 453,924</u>	<u>\$ 453,924</u>	<u>\$ -</u>
<b><u>DETAIL</u></b>					
<b>Operating Expenditures and Transfers-Out</b>					
Salaries and Wages	\$ 114,762	\$ 118,031	\$ 126,622	\$ 126,622	\$ -
Employee Benefits	31,602	26,144	39,097	39,097	-
Total Employee Services	<u>146,364</u>	<u>144,175</u>	<u>165,719</u>	<u>165,719</u>	<u>-</u>
Dues, Memberships, License and Publications	-	-	-	-	-
Rentals	-	-	-	-	-
Taxes and Assessments	-	-	-	-	-
Insurance	6,393	4,812	5,310	5,310	-
Professional Services	-	-	-	-	-
Utilities	-	-	-	-	-
Miscellaneous Services	-	-	-	-	-
Repairs and Maintenance	-	-	1,000	1,000	-
Materials and Supplies	6,980	7,643	7,000	7,000	-
City Charges	-	-	-	-	-
Mobile Equipment Rental	225,444	255,866	274,895	274,895	-
Other	*	-	-	-	-
Total Maintenance and Operations	<u>238,817</u>	<u>268,321</u>	<u>288,205</u>	<u>288,205</u>	<u>-</u>
Capital Outlay	131,225	-	-	-	-
Transfers-Out	-	-	-	-	-
Total Operating Expenditures/Transfers	<u>516,406</u>	<u>412,496</u>	<u>453,924</u>	<u>453,924</u>	<u>-</u>
<b>Non-Operating Expenditures and Transfers-Out</b>					
Employee Services	-	-	-	-	-
Maintenance and Operations	-	-	-	-	-
Capital Outlay	-	-	-	-	-
Transfers-Out	-	-	-	-	-
Total Non-Operating Expenditures/Transfers	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total Expenditures and Transfers-Out	<u>\$ 516,406</u>	<u>\$ 412,496</u>	<u>\$ 453,924</u>	<u>\$ 453,924</u>	<u>\$ -</u>
<b>Full Time Positions</b>	2.0	2.0	2.0	2.0	0.0
<b>Part Time Positions (Full Time Equivalent)</b>	0.0	0.0	0.0	0.0	0.0
Total	<u>2.0</u>	<u>2.0</u>	<u>2.0</u>	<u>2.0</u>	<u>0.0</u>

# City of Whittier

## Solid and Toxic Waste Disposal

### OVERVIEW

The Solid Waste Disposal Program, a component of the Whittier Utility Authority, is operated under the direction of the City's Public Works Department. Solid Waste Disposal is responsible for maintaining Savage Canyon Landfill, owned and operated by the Whittier Utility Authority. To ensure continued environmental compliance, the landfill maintains gas control and ground water monitoring systems. The 132-acre landfill is permitted to receive 350 tons of waste per day and is projected to close in 2048.

The Toxic Waste Disposal Program is responsible for the disposal of hazardous wastes illegally abandoned in the public right-of-way. It also assists City departments with the disposal of any hazardous waste generated through normal operations. Employees receive the State-mandated "Right-To-Know" hazardous materials training through this program. The Public Works Department Solid Waste Division is responsible for this program. The program was previously funded by the General Fund; however, the Solid Waste Collection Division assumed financial responsibility in Fiscal Year 2009-10.

### KEY GOALS

- Maintain environmental compliance with all applicable state and federal laws
- Implement the Canyon Liner projects in phases
- Expand the gas system to capture all methane gas as required by law
- Maintain optimum drainage, prevent erosion and maintain the landfill's general appearance
- Provide required training to employees on the proper handling of hazardous materials and waste
- Provide for the disposal of hazardous waste to assure the health and safety of employees and the public
- Timely response and removal of illegally abandoned hazardous waste in public right-of-way



Hazardous Containment Area



City Collected Materials Awaiting Removal By Authorized Contractor

### PERFORMANCE MEASURES

Measure	FY 2013-14 Actual	FY 2014-15 Actual	FY 2015-16 Actual	FY 2016-17 Projected
Permitted limit tons per day	350	350	350	350
Average Collection per day	296.68	292.24	291.87	335

# City of Whittier

## Solid Waste Disposal (440-30-353-000)

	2013-14 Actual	2014-15 Actual	2015-16 Budget	2015-16 Projected	2016-17 Adopted
<b><u>SUMMARY</u></b>					
<b>Expenditures and Transfers-Out By Type</b>					
Employee Services	\$ 799,204	\$ 791,160	\$ 847,138	\$ 847,138	\$ 842,614
Maintenance and Operations	1,669,180	1,749,228	2,290,230	3,145,230	4,358,952
Capital Outlay	188,540	97,667	855,000	-	-
Total Expenditures	2,656,924	2,638,055	3,992,368	3,992,368	5,201,566
Transfers-Out	406,861	484,345	302,000	636,000	302,000
Total Expenditures and Transfers-Out	\$ <u>3,063,785</u>	\$ <u>3,122,400</u>	\$ <u>4,294,368</u>	\$ <u>4,628,368</u>	\$ <u>5,503,566</u>
<b>Expenditures and Transfers-Out By Funding Source</b>					
Solid Waste Disposal Fund	3,063,785	3,122,400	4,294,368	4,628,368	5,503,566
Total Expenditures and Transfers-Out	\$ <u>3,063,785</u>	\$ <u>3,122,400</u>	\$ <u>4,294,368</u>	\$ <u>4,628,368</u>	\$ <u>5,503,566</u>
<b><u>DETAIL</u></b>					
<b>Operating Expenditures and Transfers-Out</b>					
Salaries and Wages	\$ 452,111	\$ 440,631	\$ 458,489	\$ 458,489	\$ 465,508
Employee Benefits	347,093	350,529	388,649	388,649	377,106
Total Employee Services	799,204	791,160	847,138	847,138	842,614
Dues, Memberships, License and Publications	1,148	918	1,167	1,167	1,167
Rentals	221,198	194,224	204,513	204,513	204,513
Taxes and Assessments	301,794	321,910	279,025	279,025	279,025
Insurance	45,042	42,521	41,297	41,297	34,495
Professional Services	41,047	66,253	172,580	172,580	172,580
Utilities	56,000	69,382	72,959	72,959	72,959
Miscellaneous Services	2,410	3,155	23,000	23,000	23,000
Repairs and Maintenance	95,849	97,449	157,243	157,243	157,243
Materials and Supplies	83,420	87,258	154,691	154,691	172,418
City Charges	254,516	257,316	259,117	259,117	264,299
Mobile Equipment Rental	564,663	608,827	921,688	921,688	914,303
Other *	2,093	15	2,950	2,950	2,950
Total Maintenance and Operations	1,669,180	1,749,228	2,290,230	2,290,230	2,298,952
Capital Outlay	1,860	-	-	-	-
Transfers-Out	272,000	312,000	302,000	302,000	302,000
Total Operating Expenditures/Transfers	2,742,244	2,852,388	3,439,368	3,439,368	3,443,566
<b>Non-Operating Expenditures and Transfers-Out</b>					
Employee Services	-	-	-	-	-
Maintenance and Operations	-	-	-	855,000	2,060,000
Capital Outlay	186,680	97,667	855,000	-	-
Transfers-Out	134,861	172,345	-	334,000	-
Total Non-Operating Expenditures/Transfers	321,541	270,012	855,000	1,189,000	2,060,000
Total Expenditures and Transfers-Out	\$ <u>3,063,785</u>	\$ <u>3,122,400</u>	\$ <u>4,294,368</u>	\$ <u>4,628,368</u>	\$ <u>5,503,566</u>
<b>Full Time Positions</b>	7.0	7.0	7.0	7.0	7.0
<b>Part Time Positions (Full Time Equivalent)</b>	1.0	1.0	1.0	1.0	1.0
<b>Total</b>	<u>8.0</u>	<u>8.0</u>	<u>8.0</u>	<u>8.0</u>	<u>8.0</u>

# City of Whittier

## Water Facilities Replacement

### OVERVIEW

The Water Facilities Replacement Fund was created by the City Council during FY 1990-91. This fund is used to account for 3% of the water rate increase in FY's 1990-91 and 1991-92 or a composite rate of 4.9% of water sales. The fund was used to rehabilitate existing components of the City's water system and insuring that the future needs of the water system will be met.

The last Water Master Plan (WMP) was completed and adopted by the Whittier Utility Authority in FY 2007-08. With the completion of the new Pumping Plant, a new Water Master Plan update is underway to analyze the changed hydraulics of the Water System. The revised WMP will assist Water Division staff in determining water system improvement projects in systematic manner. Over \$6 million is budgeted for replacement of aging infrastructure for FY 2016-2017.

### KEY GOALS

- Rehabilitate the water distribution lines, reservoirs and water production facilities
- Monitor and plan for future water treatment when it becomes necessary

# City of Whittier

## Water Facilities Replacement (450-30-341-000)

	2013-14 Actual	2014-15 Actual	2015-16 Budget	2015-16 Projected	2016-17 Adopted
<b><i>SUMMARY</i></b>					
<b>Expenditures and Transfers-Out By Type</b>					
Employee Services	\$ -	\$ -	\$ -	\$ -	\$ -
Maintenance and Operations	-	-	-	-	-
Capital Outlay	-	-	-	-	-
Total Expenditures	-	-	-	-	-
Transfers-Out	-	1,945,892	1,945,892	-	3,380,107
Total Expenditures and Transfers-Out	\$ -	\$ 1,945,892	\$ 1,945,892	\$ -	\$ 3,380,107
<b>Expenditures and Transfers-Out By Funding Source</b>					
Water Facilities Replacement Fund	-	1,945,892	1,945,892	-	3,380,107
Total Expenditures and Transfers-Out	\$ -	\$ 1,945,892	\$ 1,945,892	\$ -	\$ 3,380,107
<b><i>DETAIL</i></b>					
<b>Operating Expenditures and Transfers-Out</b>					
Salaries and Wages	\$ -	\$ -	\$ -	\$ -	\$ -
Employee Benefits	-	-	-	-	-
Total Employee Services	-	-	-	-	-
Dues, Memberships, License and Publications	-	-	-	-	-
Rentals	-	-	-	-	-
Taxes and Assessments	-	-	-	-	-
Insurance	-	-	-	-	-
Professional Services	-	-	-	-	-
Utilities	-	-	-	-	-
Miscellaneous Services	-	-	-	-	-
Repairs and Maintenance	-	-	-	-	-
Materials and Supplies	-	-	-	-	-
City Charges	-	-	-	-	-
Mobile Equipment Rental	-	-	-	-	-
Other	-	-	-	-	-
Total Maintenance and Operations	-	-	-	-	-
Capital Outlay	-	-	-	-	-
Transfers-Out	-	1,945,892	1,945,892	-	3,380,107
Total Operating Expenditures/Transfers	-	1,945,892	1,945,892	-	3,380,107
<b>Non-Operating Expenditures and Transfers-Out</b>					
Employee Services	-	-	-	-	-
Maintenance and Operations	-	-	-	-	-
Capital Outlay	-	-	-	-	-
Transfers-Out	-	-	-	-	-
Total Non-Operating Expenditures/Transfers	-	-	-	-	-
Total Expenditures and Transfers-Out	\$ -	\$ 1,945,892	\$ 1,945,892	\$ -	\$ 3,380,107
<b>Full Time Positions</b>	0.0	0.0	0.0	0.0	0.0
<b>Part Time Positions (Full Time Equivalent)</b>	0.0	0.0	0.0	0.0	0.0
Total	0.0	0.0	0.0	0.0	0.0

# City of Whittier

## Water Bond

### OVERVIEW

The Water Bond Fund was established to account for bond proceeds to be used for funding capital improvement projects approved in the 1987 and the 1995-96 updates to the Water Master Plan. These are needed to improve safety, reliability and provide for the future needs of the City's water system. The Bonds were refunded in 1993 and again in 2003 and will mature on June 1, 2033. Another bond was issued in 2009. Water system capital projects are the responsibility of the Water Division of the Public Works Department. As of June 30, 2016, the outstanding principal amount of the Series 2009A Bonds is \$7,915,000.

On November 8, 2012, the City of Whittier's Utility Authority issued a non-taxable Water Revenue Bonds, Series 2012 for \$10,085,000 payable through 2033. The principal of the Bonds is payable through June 1, 2033, and interest rates vary from 2% to 5%. The Water Revenue Bonds Series 2012, were issued to finance various improvements to the City's water production, storage and distribution enterprise, refund the Authority's outstanding Water Revenue Bonds, 2003 Series A, and pay the costs of issuance of the Bonds.

As of June 30, 2016, the outstanding principal amount of the Series 2012 Bonds is \$8,600,000.

### KEY GOALS

- Fund capital improvement projects that will increase safety and improve water quality and reliability of the water system. Examples include new pumping plant that replaced an over 80-year pumping plant, water main replacement, water valves replacement, water wells rehabilitation, water reservoirs replacement and installation of water sampling stations to monitor water quality

# City of Whittier

## Water Bond (470-30-341-848, 849)

	2013-14 Actual	2014-15 Actual	2015-16 Budget	2015-16 Projected	2016-17 Adopted
<b><u>SUMMARY</u></b>					
<b>Expenditures and Transfers-Out By Type</b>					
Employee Services	\$ -	\$ -	\$ -	\$ -	\$ -
Maintenance and Operations	627,212	679,161	1,350,212	1,350,262	1,353,512
Capital Outlay	95,157	7,518,876	-	1,402,050	-
Total Expenditures	722,369	8,198,037	1,350,212	2,752,312	1,353,512
Transfers-Out	1,172,758	-	-	-	-
Total Expenditures and Transfers-Out	<u>\$ 1,895,127</u>	<u>\$ 8,198,037</u>	<u>\$ 1,350,212</u>	<u>\$ 2,752,312</u>	<u>\$ 1,353,512</u>
<b>Expenditures and Transfers-Out By Funding Source</b>					
Water Bond Fund	1,895,127	8,198,037	1,350,212	2,752,312	1,353,512
Total Expenditures and Transfers-Out	<u>\$ 1,895,127</u>	<u>\$ 8,198,037</u>	<u>\$ 1,350,212</u>	<u>\$ 2,752,312</u>	<u>\$ 1,353,512</u>
<b><u>DETAIL</u></b>					
<b>Operating Expenditures and Transfers-Out</b>					
Salaries and Wages	\$ -	\$ -	\$ -	\$ -	\$ -
Employee Benefits	-	-	-	-	-
Total Employee Services	-	-	-	-	-
Dues, Memberships, License and Publications	-	-	-	-	-
Rentals	-	-	-	-	-
Taxes and Assessments	-	-	-	-	-
Insurance	-	-	-	-	-
Professional Services	3,500	4,463	4,000	4,050	4,100
Utilities	-	-	-	-	-
Miscellaneous Services	-	-	-	-	-
Repairs and Maintenance	-	-	-	-	-
Materials and Supplies	-	-	-	-	-
City Charges	-	-	-	-	-
Mobile Equipment Rental	-	-	-	-	-
Other *	-	-	-	-	-
Total Maintenance and Operations	3,500	4,463	4,000	4,050	4,100
Capital Outlay	-	-	-	-	-
Transfers-Out	1,172,758	-	-	-	-
Total Operating Expenditures/Transfers	<u>1,176,258</u>	<u>4,463</u>	<u>4,000</u>	<u>4,050</u>	<u>4,100</u>
<b>Non-Operating Expenditures and Transfers-Out</b>					
Employee Services	-	-	-	-	-
Maintenance and Operations	623,712	674,698	1,346,212	1,346,212	1,349,412
Capital Outlay	95,157	7,518,876	-	1,402,050	-
Transfers-Out	-	-	-	-	-
Total Non-Operating Expenditures/Transfers	<u>718,869</u>	<u>8,193,574</u>	<u>1,346,212</u>	<u>2,748,262</u>	<u>1,349,412</u>
Total Expenditures and Transfers-Out	<u>\$ 1,895,127</u>	<u>\$ 8,198,037</u>	<u>\$ 1,350,212</u>	<u>\$ 2,752,312</u>	<u>\$ 1,353,512</u>
<b>Full Time Positions</b>	0.0	0.0	0.0	0.0	0.0
<b>Part Time Positions (Full Time Equivalent)</b>	0.0	0.0	0.0	0.0	0.0
Total	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>

# City of Whittier

## Solid Waste Bond

### OVERVIEW

The Solid Waste Bond program is intended to fund several capital improvement projects in connection with the City's Solid Waste Program. The Solid Waste bond matured on August 1, 2014. Solid waste management related capital projects are the responsibility of the Solid Waste Division of Public Works.

As of June 30, 2016, the Solid Waste Revenue Bonds, 1993 Series A was fully paid off.

### KEY GOALS

- Maintain a high quality, cost effective solid waste program by funding needed capital improvements

# City of Whittier

## Solid Waste Bond (480-30-351-861)

	2013-14 <u>Actual</u>	2014-15 <u>Actual</u>	2015-16 <u>Budget</u>	2015-16 <u>Projected</u>	2016-17 <u>Adopted</u>
<b><u>SUMMARY</u></b>					
<b>Expenditures and Transfers-Out By Type</b>					
Employee Services	\$ -	\$ -	\$ -	\$ -	\$ -
Maintenance and Operations	451,810	447,993	-	-	-
Capital Outlay	-	-	-	-	-
Total Expenditures	<u>451,810</u>	<u>447,993</u>	-	-	-
Transfers-Out	-	-	-	-	-
Total Expenditures and Transfers-Out	<u>\$ 451,810</u>	<u>\$ 447,993</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
<b>Expenditures and Transfers-Out By Funding Source</b>					
Solid Waste Bond Fund	<u>451,810</u>	<u>447,993</u>	-	-	-
Total Expenditures and Transfers-Out	<u>\$ 451,810</u>	<u>\$ 447,993</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
<b><u>DETAIL</u></b>					
<b>Operating Expenditures and Transfers-Out</b>					
Salaries and Wages	\$ -	\$ -	\$ -	\$ -	\$ -
Employee Benefits	-	-	-	-	-
Total Employee Services	-	-	-	-	-
Dues, Memberships, License and Publications	-	-	-	-	-
Rentals	-	-	-	-	-
Taxes and Assessments	-	-	-	-	-
Insurance	-	-	-	-	-
Professional Services	6,010	1,000	-	-	-
Utilities	-	-	-	-	-
Miscellaneous Services	-	-	-	-	-
Repairs and Maintenance	-	-	-	-	-
Materials and Supplies	-	-	-	-	-
City Charges	-	-	-	-	-
Mobile Equipment Rental	-	-	-	-	-
Other	*	-	-	-	-
Total Maintenance and Operations	<u>6,010</u>	<u>1,000</u>	-	-	-
Capital Outlay	-	-	-	-	-
Transfers-Out	-	-	-	-	-
Total Operating Expenditures/Transfers	<u>6,010</u>	<u>1,000</u>	-	-	-
<b>Non-Operating Expenditures and Transfers-Out</b>					
Employee Services	-	-	-	-	-
Maintenance and Operations	445,800	446,993	-	-	-
Capital Outlay	-	-	-	-	-
Transfers-Out	-	-	-	-	-
Total Non-Operating Expenditures/Transfers	<u>445,800</u>	<u>446,993</u>	-	-	-
Total Expenditures and Transfers-Out	<u>\$ 451,810</u>	<u>\$ 447,993</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
<b>Full Time Positions</b>	0.0	0.0	0.0	0.0	0.0
<b>Part Time Positions (Full Time Equivalent)</b>	0.0	0.0	0.0	0.0	0.0
Total	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>

