# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T4-.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-014A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010828B** BatchID: **5555** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | ND | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Arsenic | 4.0 | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Barium | 6.0 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Chromium | 1.5 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Cobalt | 2.0 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Copper | 4.0 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Lead | 3.5 | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Molybdenum | ND | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Nickel | 1.5 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Thallium | ND | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Vanadium | 5.5 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Zinc | 20 | 0.50 | | mg/Kg | 1.0 | 8/28/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830B** BatchID: **5573** | | | | PrepDate: **8/28/01** | | Analyst: **NS** |
| Mercury | 0.11 | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

**Qualifiers:**

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B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:_____



Advanced Technology Laboratories
2275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T4-1 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-015A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010828B** BatchID: **5555** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 0.48 | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Arsenic | 60 | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Barium | 66 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Chromium | 12 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Cobalt | 6.0 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Copper | 12 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Lead | 2.5 | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Molybdenum | ND | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Nickel | 9.0 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Thallium | 1.0 | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Vanadium | 24 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Zinc | 34 | 0.50 | | mg/Kg | 1.0 | 8/28/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830B** BatchID: **5573** | | | | PrepDate: **8/28/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

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E - Value above quantitation range
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Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T4-2 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-016A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010828B** BatchID: **5555** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 0.45 | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Arsenic | 90 | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Barium | 110 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Chromium | 18 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Cobalt | 9.0 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Copper | 20 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Lead | 3.5 | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Molybdenum | 0.29 | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Nickel | 16 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Thallium | 1.0 | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Vanadium | 35 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Zinc | 46 | 0.50 | | mg/Kg | 1.0 | 8/28/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830B** BatchID: **5573** | | | | PrepDate: **8/28/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

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Advanced Technology Laboratories
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3275 Walnut Avenue Signal Hill, CA 90806 Tel: 562 989-4045 Fax: 562 989-4040

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**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | S2-.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-017A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ORGANOCHLORINE PESTICIDES BY GC/ECD** | | | **EPA 8081A** | | | |
| RunID: **GC9_010827A** BatchID: **5551** | | | | PrepDate: **8/27/01** | | Analyst: **GG** |
| 4,4'-DDD | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| 4,4'-DDE | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| 4,4'-DDT | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Aldrin | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| alpha-BHC | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| alpha-Chlordane | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| beta-BHC | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| Chlordane | ND | 17 | | µg/Kg | 1.0 | 8/29/01 |
| delta-BHC | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| Dieldrin | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Endosulfan I | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| Endosulfan II | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Endosulfan sulfate | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Endrin | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Endrin aldehyde | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Endrin ketone | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| gamma-BHC | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| gamma-Chlordane | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Heptachlor | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| Heptachlor epoxide | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| Methoxychlor | ND | 17 | | µg/Kg | 1.0 | 8/29/01 |
| Toxaphene | ND | 170 | | µg/Kg | 1.0 | 8/29/01 |
| **PCB BY GC/ECD** | | | **EPA 8082** | | | |
| RunID: **GC9_010827A** BatchID: **5551** | | | | PrepDate: **8/27/01** | | Analyst: **GG** |
| Aroclor 1016 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1221 | ND | 67 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1232 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1242 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1248 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1254 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1260 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1262 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1268 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |

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# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | S3-0 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-018A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010828B** BatchID: **5555** | | | PrepDate: **8/28/01** | | | Analyst: **RQ** |
| Lead | 120 | 0.25 | | mg/Kg | 1.0 | 8/28/01 |

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Initials:_____



Advanced Technology Laboratories
[illegible]
[illegible] Tel: 562 [illegible] Fax: 562 [illegible]

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | S4-0 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-019A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010828B** BatchID: **5555** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Lead | 4.0 | 0.25 | | mg/Kg | 1.0 | 8/28/01 |

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Initials:_____



Advanced Technology Laboratories
3275 Walnut Avenue Chico, CA 95973 Tel: 530-894-1531 Fax: 530-894-1532

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T5-.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-020A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010828B** BatchID: **5555** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 1.0 | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Arsenic | 7.5 | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Barium | 85 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Chromium | 110 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Cobalt | 2.5 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Copper | 14 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Lead | 25 | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Molybdenum | 0.42 | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Nickel | 4.5 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Thallium | 3.0 | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Vanadium | 500 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Zinc | 34 | 0.50 | | mg/Kg | 1.0 | 8/28/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830B** BatchID: **5573** | | | | PrepDate: **8/28/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

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Initials: _____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T5-1 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-021A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010828B** BatchID: **5555** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Arsenic | 45 | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Barium | 54 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Chromium | 8.0 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Cobalt | 4.5 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Copper | 10 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Lead | 15 | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Molybdenum | ND | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Nickel | 6.0 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Thallium | 1.5 | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Vanadium | 25 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Zinc | 110 | 0.50 | | mg/Kg | 1.0 | 8/28/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830B** BatchID: **5573** | | | | PrepDate: **8/28/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

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Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T5-2 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-022A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010828B** BatchID: **5555** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 0.40 | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Arsenic | 100 | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Barium | 150 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Chromium | 18 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Cobalt | 9.0 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Copper | 20 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Lead | 3.5 | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Molybdenum | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Nickel | 17 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Thallium | 1.5 | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Vanadium | 40 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Zinc | 59 | 0.50 | | mg/Kg | 1.0 | 8/28/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830B** BatchID: **5573** | | | | PrepDate: **8/28/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

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Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | S5-:5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-023A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ORGANOCHLORINE PESTICIDES BY GC/ECD** | | | **EPA 8081A** | | | |
| RunID: **GC9_010827A** BatchID: **5551** | | | | PrepDate: **8/27/01** | | Analyst: **GG** |
| 4,4´-DDD | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| 4,4´-DDE | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| 4,4´-DDT | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Aldrin | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| alpha-BHC | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| alpha-Chlordane | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| beta-BHC | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| Chlordane | ND | 17 | | µg/Kg | 1.0 | 8/29/01 |
| delta-BHC | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| Dieldrin | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Endosulfan I | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| Endosulfan II | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Endosulfan sulfate | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Endrin | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Endrin aldehyde | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Endrin ketone | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| gamma-BHC | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| gamma-Chlordane | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Heptachlor | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| Heptachlor epoxide | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| Methoxychlor | ND | 17 | | µg/Kg | 1.0 | 8/29/01 |
| Toxaphene | ND | 170 | | µg/Kg | 1.0 | 8/29/01 |
| **PCB BY GC/ECD** | | | **EPA 8082** | | | |
| RunID: **GC9_010827A** BatchID: **5551** | | | | PrepDate: **8/27/01** | | Analyst: **GG** |
| Aroclor 1016 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1221 | ND | 67 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1232 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1242 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1248 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1254 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1260 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1262 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1268 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |

**Qualifiers:**

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S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T6-.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-024A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **EPA 6010B** | | |
| RunID: **ICP2_010828B** BatchID: **5555** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Arsenic | 44 | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Barium | 62 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Chromium | 26 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Cobalt | 3.5 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Copper | 12 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Lead | 20 | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Molybdenum | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Nickel | 6.5 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Thallium | 1.0 | 0.25 | | mg/Kg | 1.0 | 8/28/01 |
| Vanadium | 79 | 0.15 | | mg/Kg | 1.0 | 8/28/01 |
| Zinc | 64 | 0.50 | | mg/Kg | 1.0 | 8/28/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | | **EPA 7471A** | | |
| RunID: **AA1_010830B** BatchID: **5573** | | | | PrepDate: **8/28/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

**Qualifiers:**

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E - Value above quantitation range
M - Not Monitored. Highly Reactive

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**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T6-1 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-025A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829A** BatchID: **5556** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 0.43 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 84 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 150 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 15 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 7.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 17 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 3.5 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 1.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 15 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 35 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 120 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830B** BatchID: **5573** | | | | PrepDate: **8/28/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

**Qualifiers:**

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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T6-2 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-026A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829A** BatchID: **5556** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 0.45 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 9.5 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 160 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 16 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 8.0 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 18 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 3.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 1.5 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 16 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 38 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 46 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830B** BatchID: **5573** | | | | PrepDate: **8/28/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

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E - Value above quantitation range
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# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | S6-.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-027A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ORGANOCHLORINE PESTICIDES BY GC/ECD** | | | **EPA 8081A** | | | |
| RunID: **GC9_010827A** BatchID: **5551** | | | | PrepDate: **8/27/01** | | Analyst: **GG** |
| 4,4'-DDD | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| 4,4'-DDE | 14 | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| 4,4'-DDT | 23 | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Aldrin | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| alpha-BHC | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| alpha-Chlordane | 16 | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| beta-BHC | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| Chlordane | 130 | 17 | | µg/Kg | 1.0 | 8/29/01 |
| delta-BHC | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| Dieldrin | 10 | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Endosulfan I | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| Endosulfan II | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Endosulfan sulfate | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Endrin | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Endrin aldehyde | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Endrin ketone | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| gamma-BHC | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| gamma-Chlordane | 16 | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Heptachlor | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| Heptachlor epoxide | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| Methoxychlor | ND | 17 | | µg/Kg | 1.0 | 8/29/01 |
| Toxaphene | ND | 170 | | µg/Kg | 1.0 | 8/29/01 |
| **PCB BY GC/ECD** | | | **EPA 8082** | | | |
| RunID: **GC9_010827A** BatchID: **5551** | | | | PrepDate: **8/27/01** | | Analyst: **GG** |
| Aroclor 1016 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1221 | ND | 67 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1232 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1242 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1248 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1254 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1260 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1262 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1268 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |

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H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | S7-.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-028A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ORGANOCHLORINE PESTICIDES BY GC/ECD** | | | **EPA 8081A** | | | |
| RunID: **GC9_010827A** BatchID: **5551** | | | | PrepDate: **8/27/01** | | Analyst: **GG** |
| 4,4'-DDD | 41 | 20 | | µg/Kg | 5.0 | 8/29/01 |
| 4,4'-DDE | 110 | 20 | | µg/Kg | 5.0 | 8/29/01 |
| 4,4'-DDT | 46 | 20 | | µg/Kg | 5.0 | 8/29/01 |
| Aldrin | ND | 10 | | µg/Kg | 5.0 | 8/29/01 |
| alpha-BHC | ND | 10 | | µg/Kg | 5.0 | 8/29/01 |
| alpha-Chlordane | 84 | 20 | | µg/Kg | 5.0 | 8/29/01 |
| beta-BHC | ND | 10 | | µg/Kg | 5.0 | 8/29/01 |
| Chlordane | 370 | 85 | | µg/Kg | 5.0 | 8/29/01 |
| delta-BHC | ND | 10 | | µg/Kg | 5.0 | 8/29/01 |
| Dieldrin | 250 | 20 | | µg/Kg | 5.0 | 8/29/01 |
| Endosulfan I | ND | 10 | | µg/Kg | 5.0 | 8/29/01 |
| Endosulfan II | ND | 20 | | µg/Kg | 5.0 | 8/29/01 |
| Endosulfan sulfate | ND | 20 | | µg/Kg | 5.0 | 8/29/01 |
| Endrin | ND | 20 | | µg/Kg | 5.0 | 8/29/01 |
| Endrin aldehyde | ND | 20 | | µg/Kg | 5.0 | 8/29/01 |
| Endrin ketone | ND | 20 | | µg/Kg | 5.0 | 8/29/01 |
| gamma-BHC | ND | 10 | | µg/Kg | 5.0 | 8/29/01 |
| gamma-Chlordane | 64 | 20 | | µg/Kg | 5.0 | 8/29/01 |
| Heptachlor | ND | 10 | | µg/Kg | 5.0 | 8/29/01 |
| Heptachlor epoxide | 11 | 10 | | µg/Kg | 5.0 | 8/29/01 |
| Methoxychlor | ND | 85 | | µg/Kg | 5.0 | 8/29/01 |
| Toxaphene | ND | 850 | | µg/Kg | 5.0 | 8/29/01 |
| **PCB BY GC/ECD** | | | **EPA 8082** | | | |
| RunID: **GC9_010827A** BatchID: **5551** | | | | PrepDate: **8/27/01** | | Analyst: **GG** |
| Aroclor 1016 | ND | 160 | | µg/Kg | 5.0 | 8/29/01 |
| Aroclor 1221 | ND | 340 | | µg/Kg | 5.0 | 8/29/01 |
| Aroclor 1232 | ND | 160 | | µg/Kg | 5.0 | 8/29/01 |
| Aroclor 1242 | ND | 160 | | µg/Kg | 5.0 | 8/29/01 |
| Aroclor 1248 | ND | 160 | | µg/Kg | 5.0 | 8/29/01 |
| Aroclor 1254 | ND | 160 | | µg/Kg | 5.0 | 8/29/01 |
| Aroclor 1260 | ND | 160 | | µg/Kg | 5.0 | 8/29/01 |
| Aroclor 1262 | ND | 160 | | µg/Kg | 5.0 | 8/29/01 |
| Aroclor 1268 | ND | 160 | | µg/Kg | 5.0 | 8/29/01 |

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H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | RET WALL #1 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-029A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829A** BatchID: **5556** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Lead | 6.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |

**Qualifiers:**

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B - Analyte detected in the associated Method Blank

DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.

H - Samples exceeding analytical holding time

E - Value above quantitation range

M - Not Monitored. Highly Reactive

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**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | RET WALL #1 SOIL |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-030A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829A** BatchID: **5556** | | | PrepDate: **8/28/01** | | | Analyst: **RQ** |
| Lead | 82 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |

**Qualifiers:**

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3175 Walnut Avenue Signal Hill, CA 90807 Tel (562) 989-4045 Fax (562) 989-4040

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**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T7-.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-031A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829A** BatchID: **5556** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 1.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 46 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 140 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 52 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 6.0 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 1000 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 190 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 1.5 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 33 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 1.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 88 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 260 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830B** BatchID: **5573** | | | | PrepDate: **8/28/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

**Qualifiers:**

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DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.

H - Samples exceeding analytical holding time

E - Value above quantitation range

M - Not Monitored. Highly Reactive

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# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T7-1 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-032A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829A** BatchID: **5556** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 46 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 100 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 22 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 7.0 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 160 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 20 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 13 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 1.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 83 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 160 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830B** BatchID: **5573** | | | | PrepDate: **8/28/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

**Qualifiers:**

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B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:_____



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2275 Polaris Avenue Simi Hill CA 93065 Tel (805) [illegible] Fax (805) [illegible]

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T7-2 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-033A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829A** BatchID: **5556** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 0.31 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 45 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 150 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 15 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 8.0 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 22 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 3.5 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 1.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 16 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 36 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 46 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830A** BatchID: **5574** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

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DC - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T7-TIE G |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-034A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID** | | | **EPA 8015B(M)** | | | |
| RunID: **GC7_010829A** BatchID: **5553** | | | | PrepDate: **8/27/01** | | Analyst: **DJK** |
| Diesel | ND | 10 | | mg/Kg | 10 | 8/29/01 |
| Motor Oil | 340 | 10 | | mg/Kg | 10 | 8/29/01 |

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# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T8-1 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-035A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829A** BatchID: **5556** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 0.27 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 6.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 100 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 9.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 4.0 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 14 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 25 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 10 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 19 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 100 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830A** BatchID: **5574** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | 1.0 | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

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# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T8-STK |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-036A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829A** BatchID: **5556** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 32 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 3600 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 76 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 4.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 64 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 5800 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 1.5 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 10 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | 2.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 3.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 18 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 940 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830A** BatchID: **5574** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | 1.7 | 0.10 | | mg/Kg | 1.0 | 8/30/01 |
| **DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID** | | | **EPA 8015B(M)** | | | |
| RunID: **GC7_010829A** BatchID: **5553** | | | | PrepDate: **8/27/01** | | Analyst: **DJK** |
| Diesel | ND | 5.0 | | mg/Kg | 5.0 | 8/29/01 |
| Motor Oil | 250 | 5.0 | | mg/Kg | 5.0 | 8/29/01 |
| **GASOLINE RANGE ORGANICS BY GC/FID** | | | **EPA 8015B(M)** | | | |
| RunID: **GC2_010827A** BatchID: **E018G20S197** | | | | PrepDate: | | Analyst: **JK** |
| GRO | ND | 1.0 | | mg/Kg | 1.0 | 8/27/01 |
| **VOLATILE ORGANIC COMPOUNDS BY GC/PID** | | | **EPA 8020A** | | | |
| RunID: **GC2_010827A** BatchID: **E018G20S197** | | | | PrepDate: | | Analyst: **JK** |
| Benzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Ethylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| m,p-Xylene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| o-Xylene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Toluene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |

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# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T8-STK |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-036A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS BY GC/MS** | | | **EPA 8260B** | | | |
| RunID: **MS1_010827A** BatchID: **P01VOCS156** | | | PrepDate: | | | Analyst: **JPC** |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1,1-Trichloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1,2-Trichloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1-Dichloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1-Dichloroethene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1-Dichloropropene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2,3-Trichlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2,3-Trichloropropane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2,4-Trichlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2,4-Trimethylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2-Dibromo-3-chloropropane | ND | 10 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2-Dibromoethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2-Dichlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2-Dichloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2-Dichloropropane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,3,5-Trimethylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,3-Dichlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,3-Dichloropropane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,4-Dichlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 2,2-Dichloropropane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 2-Chlorotoluene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 4-Chlorotoluene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 4-Isopropyltoluene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Benzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Bromobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Bromodichloromethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Bromoform | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Bromomethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Carbon tetrachloride | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Chlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Chloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Chloroform | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Chloromethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| cis-1,2-Dichloroethene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| cis-1,3-Dichloropropene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Dibromochloromethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Dibromomethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |

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E - Value above quantitation range
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Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T8-STK |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-036A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS BY GC/MS** | | | **EPA 8260B** | | | |
| RunID: **MS1_010827A** BatchID: **P01VOCS156** | | | PrepDate: | | | Analyst: **JPC** |
| Dichlorodifluoromethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Ethylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Hexachlorobutadiene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Isopropylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| m,p-Xylene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Methylene chloride | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| n-Butylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| n-Propylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Naphthalene | 6.9 | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| o-Xylene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| sec-Butylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Styrene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| tert-Butylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Tetrachloroethene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Toluene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| trans-1,2-Dichloroethene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Trichloroethene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Trichlorofluoromethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Vinyl chloride | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |

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Initials:_____



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[illegible] Tel: 562 [illegible] Fax: 562 [illegible]

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T8-5.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-037A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829A** BatchID: **5556** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 11 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 170 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 12 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 7.0 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 30 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 140 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 1.5 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 16 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 29 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 360 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830A** BatchID: **5574** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | 0.19 | 0.10 | | mg/Kg | 1.0 | 8/30/01 |
| **DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID** | | | **EPA 8015B(M)** | | | |
| RunID: **GC7_010829A** BatchID: **5553** | | | | PrepDate: **8/27/01** | | Analyst: **DJK** |
| Diesel | ND | 10 | | mg/Kg | 10 | 8/29/01 |
| Motor Oil | 820 | 10 | | mg/Kg | 10 | 8/29/01 |
| **GASOLINE RANGE ORGANICS BY GC/FID** | | | **EPA 8015B(M)** | | | |
| RunID: **GC2_010827A** BatchID: **E018G20S197** | | | | PrepDate: | | Analyst: **JK** |
| GRO | ND | 1.0 | | mg/Kg | 1.0 | 8/27/01 |
| **VOLATILE ORGANIC COMPOUNDS BY GC/PID** | | | **EPA 8020A** | | | |
| RunID: **GC2_010827A** BatchID: **E018G20S197** | | | | PrepDate: | | Analyst: **JK** |
| Benzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Ethylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| m,p-Xylene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| o-Xylene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Toluene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |

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Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T8-5.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-037A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS BY GC/MS** | | | **EPA 8260B** | | | |
| RunID: **MS1_010827A** BatchID: **P01VOCS156** | | | PrepDate: | | | Analyst: **JPC** |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1,1-Trichloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1,2-Trichloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1-Dichloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1-Dichloroethene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1-Dichloropropene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2,3-Trichlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2,3-Trichloropropane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2,4-Trichlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2,4-Trimethylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2-Dibromo-3-chloropropane | ND | 10 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2-Dibromoethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2-Dichlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2-Dichloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2-Dichloropropane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,3,5-Trimethylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,3-Dichlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,3-Dichloropropane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,4-Dichlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 2,2-Dichloropropane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 2-Chlorotoluene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 4-Chlorotoluene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 4-Isopropyltoluene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Benzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Bromobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Bromodichloromethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Bromoform | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Bromomethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Carbon tetrachloride | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Chlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Chloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Chloroform | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Chloromethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| cis-1,2-Dichloroethene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| cis-1,3-Dichloropropene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Dibromochloromethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Dibromomethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |

**Qualifiers:**
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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T8-5.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-037A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS BY GC/MS** | | | **EPA 8260B** | | | |
| RunID: **MS1_010827A** BatchID: **P01VOCS156** | | | PrepDate: | | | Analyst: **JPC** |
| Dichlorodifluoromethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Ethylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Hexachlorobutadiene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Isopropylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| m,p-Xylene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Methylene chloride | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| n-Butylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| n-Propylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Naphthalene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| o-Xylene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| sec-Butylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Styrene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| tert-Butylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Tetrachloroethene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Toluene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| trans-1,2-Dichloroethene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Trichloroethene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Trichlorofluoromethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Vinyl chloride | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |

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B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T8-7 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-038A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829A** BatchID: **5556** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 14 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 210 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 14 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 8.0 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 29 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 160 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 1.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 16 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | 1.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 1.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 31 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 310 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830A** BatchID: **5574** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |
| **DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID** | | | **EPA 8015B(M)** | | | |
| RunID: **GC7_010829A** BatchID: **5553** | | | | PrepDate: **8/27/01** | | Analyst: **DJK** |
| Diesel | ND | 1.0 | | mg/Kg | 1.0 | 8/29/01 |
| Motor Oil | 5.2 | 1.0 | | mg/Kg | 1.0 | 8/29/01 |
| **GASOLINE RANGE ORGANICS BY GC/FID** | | | **EPA 8015B(M)** | | | |
| RunID: **GC2_010827A** BatchID: **E018G20S197** | | | | PrepDate: | | Analyst: **JK** |
| GRO | ND | 1.0 | | mg/Kg | 1.0 | 8/27/01 |
| **VOLATILE ORGANIC COMPOUNDS BY GC/PID** | | | **EPA 8020A** | | | |
| RunID: **GC2_010827A** BatchID: **E018G20S197** | | | | PrepDate: | | Analyst: **JK** |
| Benzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Ethylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| m,p-Xylene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| o-Xylene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Toluene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |

**Qualifiers:**

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B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
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H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:_____



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# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T8-7 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-038A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS BY GC/MS** | | | **EPA 8260B** | | | |
| RunID: **MS1_010827A** BatchID: **P01VOCS156** | | | PrepDate: | | | Analyst: **JPC** |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1,1-Trichloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1,2-Trichloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1-Dichloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1-Dichloroethene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1-Dichloropropene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2,3-Trichlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2,3-Trichloropropane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2,4-Trichlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2,4-Trimethylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2-Dibromo-3-chloropropane | ND | 10 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2-Dibromoethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2-Dichlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2-Dichloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2-Dichloropropane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,3,5-Trimethylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,3-Dichlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,3-Dichloropropane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,4-Dichlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 2,2-Dichloropropane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 2-Chlorotoluene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 4-Chlorotoluene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 4-Isopropyltoluene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Benzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Bromobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Bromodichloromethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Bromoform | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Bromomethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Carbon tetrachloride | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Chlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Chloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Chloroform | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Chloromethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| cis-1,2-Dichloroethene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| cis-1,3-Dichloropropene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Dibromochloromethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Dibromomethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |

**Qualifiers:**
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B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T8-7 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-038A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS BY GC/MS** | | | **EPA 8260B** | | | |
| RunID: **MS1_010827A** BatchID: **P01VOCS156** | | | PrepDate: | | | Analyst: **JPC** |
| Dichlorodifluoromethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Ethylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Hexachlorobutadiene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Isopropylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| m,p-Xylene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Methylene chloride | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| n-Butylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| n-Propylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Naphthalene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| o-Xylene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| sec-Butylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Styrene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| tert-Butylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Tetrachloroethene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Toluene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| trans-1,2-Dichloroethene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Trichloroethene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Trichlorofluoromethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Vinyl chloride | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |

**Qualifiers:**

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:_____



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2275 Valley Avenue Signal Hill, CA 90755 (714) 552-9992 Fax 552-9553

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T9-1 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-039A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID** | | | **EPA 8015B(M)** | | | |
| RunID: **GC7_010829A** BatchID: **5553** | | | PrepDate: | **8/27/01** | | Analyst: **DJK** |
| Diesel | ND | 1.0 | | mg/Kg | 1.0 | 8/29/01 |
| Motor Oil | 96 | 1.0 | | mg/Kg | 1.0 | 8/29/01 |

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E - Value above quantitation range
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# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T10-1 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-040A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID** | | | | **EPA 8015B(M)** | | |
| RunID: **GC7_010829A** BatchID: **5553** | | | | PrepDate: **8/27/01** | | Analyst: **DJK** |
| Diesel | ND | 1.0 | | mg/Kg | 1.0 | 8/29/01 |
| Motor Oil | 4.9 | 1.0 | | mg/Kg | 1.0 | 8/29/01 |
| **GASOLINE RANGE ORGANICS BY GC/FID** | | | | **EPA 8015B(M)** | | |
| RunID: **GC2_010827A** BatchID: **E018G20S197** | | | | PrepDate: | | Analyst: **JK** |
| GRO | ND | 1.0 | | mg/Kg | 1.0 | 8/27/01 |
| **VOLATILE ORGANIC COMPOUNDS BY GC/PID** | | | | **EPA 8020A** | | |
| RunID: **GC2_010827A** BatchID: **E018G20S197** | | | | PrepDate: | | Analyst: **JK** |
| Benzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Ethylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| m,p-Xylene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| o-Xylene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Toluene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |

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1275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 [illegible] Fax: 562 [illegible]

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | S8-0 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-041A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ORGANOCHLORINE PESTICIDES BY GC/ECD** | | | **EPA 8081A** | | | |
| RunID: **GC9_010827A** BatchID: **5551** | | | | PrepDate: | **8/27/01** | Analyst: **GG** |
| 4,4´-DDD | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| 4,4´-DDE | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| 4,4´-DDT | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| Aldrin | ND | 20 | | µg/Kg | 10 | 8/29/01 |
| alpha-BHC | ND | 20 | | µg/Kg | 10 | 8/29/01 |
| alpha-Chlordane | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| beta-BHC | ND | 20 | | µg/Kg | 10 | 8/29/01 |
| Chlordane | ND | 170 | | µg/Kg | 10 | 8/29/01 |
| delta-BHC | ND | 20 | | µg/Kg | 10 | 8/29/01 |
| Dieldrin | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| Endosulfan I | ND | 20 | | µg/Kg | 10 | 8/29/01 |
| Endosulfan II | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| Endosulfan sulfate | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| Endrin | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| Endrin aldehyde | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| Endrin ketone | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| gamma-BHC | ND | 20 | | µg/Kg | 10 | 8/29/01 |
| gamma-Chlordane | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| Heptachlor | ND | 20 | | µg/Kg | 10 | 8/29/01 |
| Heptachlor epoxide | ND | 20 | | µg/Kg | 10 | 8/29/01 |
| Methoxychlor | ND | 170 | | µg/Kg | 10 | 8/29/01 |
| Toxaphene | ND | 1700 | | µg/Kg | 10 | 8/29/01 |
| **PCB BY GC/ECD** | | | **EPA 8082** | | | |
| RunID: **GC9_010827A** BatchID: **5551** | | | | PrepDate: | **8/27/01** | Analyst: **GG** |
| Aroclor 1016 | ND | 330 | | µg/Kg | 10 | 8/29/01 |
| Aroclor 1221 | ND | 670 | | µg/Kg | 10 | 8/29/01 |
| Aroclor 1232 | ND | 330 | | µg/Kg | 10 | 8/29/01 |
| Aroclor 1242 | ND | 330 | | µg/Kg | 10 | 8/29/01 |
| Aroclor 1248 | ND | 330 | | µg/Kg | 10 | 8/29/01 |
| Aroclor 1254 | ND | 330 | | µg/Kg | 10 | 8/29/01 |
| Aroclor 1260 | ND | 330 | | µg/Kg | 10 | 8/29/01 |
| Aroclor 1262 | ND | 330 | | µg/Kg | 10 | 8/29/01 |
| Aroclor 1268 | ND | 330 | | µg/Kg | 10 | 8/29/01 |

**Qualifiers:**

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T11-2 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-042A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID** | | | | **EPA 8015B(M)** | | |
| RunID: **GC7_010829A** BatchID: **5553** | | | | PrepDate: **8/27/01** | | Analyst: **DJK** |
| Diesel | ND | 1.0 | | mg/Kg | 1.0 | 8/29/01 |
| Motor Oil | 5.7 | 1.0 | | mg/Kg | 1.0 | 8/29/01 |
| **GASOLINE RANGE ORGANICS BY GC/FID** | | | | **EPA 8015B(M)** | | |
| RunID: **GC2_010827A** BatchID: **E018G20S197** | | | | PrepDate: | | Analyst: **JK** |
| GRO | ND | 1.0 | | mg/Kg | 1.0 | 8/27/01 |
| **VOLATILE ORGANIC COMPOUNDS BY GC/PID** | | | | **EPA 8020A** | | |
| RunID: **GC2_010827A** BatchID: **E018G20S197** | | | | PrepDate: | | Analyst: **JK** |
| Benzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Ethylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| m,p-Xylene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| o-Xylene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Toluene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |

**Qualifiers:**

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T12-.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-043A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829A** BatchID: **5556** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 7.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 32 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 7.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 0.50 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 17 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 460 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 630 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 40 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 3.0 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | 0.19 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 0.31 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 0.50 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 420 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830A** BatchID: **5574** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

**Qualifiers:**

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B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | S9-0 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-046A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ORGANOCHLORINE PESTICIDES BY GC/ECD** | | | | **EPA 8081A** | | |
| RunID: **GC9_010827A** BatchID: **5551** | | | | PrepDate: **8/27/01** | | Analyst: **GG** |
| 4,4'-DDD | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| 4,4'-DDE | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| 4,4'-DDT | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| Aldrin | ND | 20 | | µg/Kg | 10 | 8/29/01 |
| alpha-BHC | ND | 20 | | µg/Kg | 10 | 8/29/01 |
| alpha-Chlordane | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| beta-BHC | ND | 20 | | µg/Kg | 10 | 8/29/01 |
| Chlordane | ND | 170 | | µg/Kg | 10 | 8/29/01 |
| delta-BHC | ND | 20 | | µg/Kg | 10 | 8/29/01 |
| Dieldrin | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| Endosulfan I | ND | 20 | | µg/Kg | 10 | 8/29/01 |
| Endosulfan II | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| Endosulfan sulfate | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| Endrin | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| Endrin aldehyde | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| Endrin ketone | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| gamma-BHC | ND | 20 | | µg/Kg | 10 | 8/29/01 |
| gamma-Chlordane | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| Heptachlor | ND | 20 | | µg/Kg | 10 | 8/29/01 |
| Heptachlor epoxide | ND | 20 | | µg/Kg | 10 | 8/29/01 |
| Methoxychlor | ND | 170 | | µg/Kg | 10 | 8/29/01 |
| Toxaphene | ND | 1700 | | µg/Kg | 10 | 8/29/01 |
| **PCB BY GC/ECD** | | | | **EPA 8082** | | |
| RunID: **GC9_010827A** BatchID: **5551** | | | | PrepDate: **8/27/01** | | Analyst: **GG** |
| Aroclor 1016 | ND | 330 | | µg/Kg | 10 | 8/29/01 |
| Aroclor 1221 | ND | 670 | | µg/Kg | 10 | 8/29/01 |
| Aroclor 1232 | ND | 330 | | µg/Kg | 10 | 8/29/01 |
| Aroclor 1242 | ND | 330 | | µg/Kg | 10 | 8/29/01 |
| Aroclor 1248 | ND | 330 | | µg/Kg | 10 | 8/29/01 |
| Aroclor 1254 | ND | 330 | | µg/Kg | 10 | 8/29/01 |
| Aroclor 1260 | ND | 330 | | µg/Kg | 10 | 8/29/01 |
| Aroclor 1262 | ND | 330 | | µg/Kg | 10 | 8/29/01 |
| Aroclor 1268 | ND | 330 | | µg/Kg | 10 | 8/29/01 |

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B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T13-2 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-047A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID** | | | **EPA 8015B(M)** | | | |
| RunID: **GC7_010829A** BatchID: **5553** | | | | PrepDate: **8/27/01** | | Analyst: **DJK** |
| Diesel | ND | 1.0 | | mg/Kg | 1.0 | 8/29/01 |
| Motor Oil | 3.1 | 1.0 | | mg/Kg | 1.0 | 8/29/01 |
| **GASOLINE RANGE ORGANICS BY GC/FID** | | | **EPA 8015B(M)** | | | |
| RunID: **GC2_010827A** BatchID: **E018G20S197** | | | | PrepDate: | | Analyst: **JK** |
| GRO | ND | 1.0 | | mg/Kg | 1.0 | 8/27/01 |
| **VOLATILE ORGANIC COMPOUNDS BY GC/PID** | | | **EPA 8020A** | | | |
| RunID: **GC2_010827A** BatchID: **E018G20S197** | | | | PrepDate: | | Analyst: **JK** |
| Benzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Ethylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| m,p-Xylene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| o-Xylene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Toluene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |

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B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T12-1 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-044A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829A** BatchID: **5556** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 44 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 50 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 47 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 4.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 16 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 38 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 9.0 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 73 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 110 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830A** BatchID: **5574** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T12-2 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-045A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829A** BatchID: **5556** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 0.37 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 10 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 130 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 17 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 7.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 20 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 3.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 2.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 20 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 1.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 40 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 52 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830A** BatchID: **5574** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | 0.20 | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

**Qualifiers:**

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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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5775 Walnut Avenue Signal Hill, CA 90807 Tel: 562 [illegible] Fax: 562 [illegible]

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T14-1 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-048A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ORGANOCHLORINE PESTICIDES BY GC/ECD** | | | **EPA 8081A** | | | |
| RunID: **GC9_010827A** BatchID: **5551** | | | | PrepDate: **8/27/01** | | Analyst: **GG** |
| 4,4'-DDD | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| 4,4'-DDE | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| 4,4'-DDT | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Aldrin | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| alpha-BHC | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| alpha-Chlordane | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| beta-BHC | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| Chlordane | ND | 17 | | µg/Kg | 1.0 | 8/29/01 |
| delta-BHC | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| Dieldrin | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Endosulfan I | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| Endosulfan II | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Endosulfan sulfate | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Endrin | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Endrin aldehyde | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Endrin ketone | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| gamma-BHC | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| gamma-Chlordane | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Heptachlor | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| Heptachlor epoxide | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| Methoxychlor | ND | 17 | | µg/Kg | 1.0 | 8/29/01 |
| Toxaphene | ND | 170 | | µg/Kg | 1.0 | 8/29/01 |
| **PCB BY GC/ECD** | | | **EPA 8082** | | | |
| RunID: **GC9_010827A** BatchID: **5551** | | | | PrepDate: **8/27/01** | | Analyst: **GG** |
| Aroclor 1016 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1221 | ND | 67 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1232 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1242 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1248 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1254 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1260 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1262 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1268 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |

**Qualifiers:**
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B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T15-.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-049A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829A** BatchID: **5556** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 60 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 94 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 9.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 6.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 140 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 94 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 18 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 22 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 22 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 440 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830A** BatchID: **5574** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

**Qualifiers:**

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T15-1 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-050A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829A** BatchID: **5556** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 0.27 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 16 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 170 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 16 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 7.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 22 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 5.5 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 3.5 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 23 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 40 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 66 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830A** BatchID: **5574** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

**Qualifiers:**

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J - Analyte detected below quantitation limits
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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T15-2 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-051A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829A** BatchID: **5556** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 0.29 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 8.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 120 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 13 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 6.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 16 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 2.5 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 1.5 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 16 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 32 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 42 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830A** BatchID: **5574** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:_____



Advanced Technology
1275 Walnut Avenue Chula Vista CA 91911 Tel: 619 691-9191 Fax: 619 691-9191

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T16-.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-052A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829A** BatchID: **5556** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 1.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 18 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 160 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | 1.0 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 200 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 1.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 12 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 7.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 7.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 2.5 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 1000 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 18 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830A** BatchID: **5574** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:_____



Advanced Technology Laboratories
2275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562-989-4045 Fax: 562-989-4040

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T16-1 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-053A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829A** BatchID: **5556** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 18 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 140 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 15 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 7.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 20 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 5.5 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 2.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 18 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 36 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 86 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830A** BatchID: **5574** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

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H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T16-2 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-054A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829A** BatchID: **5556** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 0.40 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 15 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 150 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 18 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 8.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 22 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 6.5 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 2.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 22 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 1.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 42 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 74 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830A** BatchID: **5574** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

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M - Not Monitored. Highly Reactive

Initials:_____



Advanced Technology Laboratories
5275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 [illegible] Fax: 562 [illegible]

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T17-1.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-055A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ORGANOCHLORINE PESTICIDES BY GC/ECD** | | | **EPA 8081A** | | | |
| RunID: **GC9_010827A** BatchID: **5551** | | | | PrepDate: **8/27/01** | | Analyst: **GG** |
| 4,4'-DDD | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| 4,4'-DDE | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| 4,4'-DDT | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Aldrin | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| alpha-BHC | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| alpha-Chlordane | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| beta-BHC | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| Chlordane | ND | 17 | | µg/Kg | 1.0 | 8/29/01 |
| delta-BHC | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| Dieldrin | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Endosulfan I | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| Endosulfan II | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Endosulfan sulfate | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Endrin | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Endrin aldehyde | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Endrin ketone | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| gamma-BHC | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| gamma-Chlordane | ND | 4.0 | | µg/Kg | 1.0 | 8/29/01 |
| Heptachlor | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| Heptachlor epoxide | ND | 2.0 | | µg/Kg | 1.0 | 8/29/01 |
| Methoxychlor | ND | 17 | | µg/Kg | 1.0 | 8/29/01 |
| Toxaphene | ND | 170 | | µg/Kg | 1.0 | 8/29/01 |
| **PCB BY GC/ECD** | | | **EPA 8082** | | | |
| RunID: **GC9_010827A** BatchID: **5551** | | | | PrepDate: **8/27/01** | | Analyst: **GG** |
| Aroclor 1016 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1221 | ND | 67 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1232 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1242 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1248 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1254 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1260 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1262 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |
| Aroclor 1268 | ND | 33 | | µg/Kg | 1.0 | 8/29/01 |

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Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T18-1 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-056A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID** | | | | **EPA 8015B(M)** | | |
| RunID: **GC7_010829A** BatchID: **5553** | | | | PrepDate: **8/27/01** | | Analyst: **DJK** |
| Diesel | ND | 1.0 | | mg/Kg | 1.0 | 8/29/01 |
| Motor Oil | 17 | 1.0 | | mg/Kg | 1.0 | 8/29/01 |
| **VOLATILE ORGANIC COMPOUNDS BY GC/MS** | | | | **EPA 8260B** | | |
| RunID: **MS1_010827A** BatchID: **P01VOCS156** | | | | PrepDate: | | Analyst: **JPC** |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1,1-Trichloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1,2-Trichloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1-Dichloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1-Dichloroethene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1-Dichloropropene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2,3-Trichlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2,3-Trichloropropane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2,4-Trichlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2,4-Trimethylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2-Dibromo-3-chloropropane | ND | 10 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2-Dibromoethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2-Dichlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2-Dichloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2-Dichloropropane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,3,5-Trimethylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,3-Dichlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,3-Dichloropropane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,4-Dichlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 2,2-Dichloropropane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 2-Chlorotoluene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 4-Chlorotoluene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 4-Isopropyltoluene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Benzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Bromobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Bromodichloromethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Bromoform | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Bromomethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Carbon tetrachloride | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Chlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Chloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Chloroform | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |

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E - Value above quantitation range
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Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T18-1 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-056A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS BY GC/MS** | | | **EPA 8260B** | | | |
| RunID: **MS1_010827A** | BatchID: **P01VOCS156** | | | PrepDate: | | Analyst: **JPC** |
| Chloromethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| cis-1,2-Dichloroethene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| cis-1,3-Dichloropropene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Dibromochloromethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Dibromomethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Dichlorodifluoromethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Ethylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Hexachlorobutadiene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Isopropylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| m,p-Xylene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Methylene chloride | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| n-Butylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| n-Propylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Naphthalene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| o-Xylene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| sec-Butylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Styrene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| tert-Butylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Tetrachloroethene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Toluene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| trans-1,2-Dichloroethene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Trichloroethene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Trichlorofluoromethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Vinyl chloride | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |

**Qualifiers:**

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored, Highly Reactive

Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T19-.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-057A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829D** BatchID: **5557** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 1.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 13 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 84 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 20 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 7.0 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 39 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 84 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 1.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 13 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 34 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 140 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830A** BatchID: **5574** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | 0.27 | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

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S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T19-1 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-058A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829D** BatchID: **5557** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 9.5 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 68 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 11 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 8.0 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 23 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 28 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 0.38 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 9.0 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 1.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 30 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 63 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830A** BatchID: **5574** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

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H - Samples exceeding analytical holding time
E - Value above quantitation range
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Initials: _____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T19-2 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-059A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829D** BatchID: **5557** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 0.32 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 18 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 40 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 7.0 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 4.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 9.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 29 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 0.42 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 6.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 16 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 64 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830A** BatchID: **5574** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | 0.10 | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

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Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T20-2 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-060A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID** | | | | **EPA 8015B(M)** | | |
| RunID: **GC7_010829A** BatchID: **5553** | | | | PrepDate: **8/27/01** | | Analyst: **DJK** |
| Diesel | ND | 1.0 | | mg/Kg | 1.0 | 8/29/01 |
| Motor Oil | 6.5 | 1.0 | | mg/Kg | 1.0 | 8/29/01 |
| **GASOLINE RANGE ORGANICS BY GC/FID** | | | | **EPA 8015B(M)** | | |
| RunID: **GC2_010827A** BatchID: **E018G20S197** | | | | PrepDate: | | Analyst: **JK** |
| GRO | ND | 1.0 | | mg/Kg | 1.0 | 8/27/01 |
| **VOLATILE ORGANIC COMPOUNDS BY GC/PID** | | | | **EPA 8020A** | | |
| RunID: **GC2_010827A** BatchID: **E018G20S197** | | | | PrepDate: | | Analyst: **JK** |
| Benzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Ethylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| m,p-Xylene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| o-Xylene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Toluene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| **VOLATILE ORGANIC COMPOUNDS BY GC/MS** | | | | **EPA 8260B** | | |
| RunID: **MS1_010827A** BatchID: **P01VOCS156** | | | | PrepDate: | | Analyst: **JPC** |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1,1-Trichloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1,2-Trichloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1-Dichloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1-Dichloroethene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1-Dichloropropene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2,3-Trichlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2,3-Trichloropropane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2,4-Trichlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2,4-Trimethylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2-Dibromo-3-chloropropane | ND | 10 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2-Dibromoethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2-Dichlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2-Dichloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2-Dichloropropane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,3,5-Trimethylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,3-Dichlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,3-Dichloropropane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,4-Dichlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 2,2-Dichloropropane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |

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S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored, Highly Reactive

Initials: _____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T20-2 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-060A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS BY GC/MS** | | | **EPA 8260B** | | | |
| RunID: **MS1_010827A** BatchID: **P01VOCS156** | | | PrepDate: | | | Analyst: **JPC** |
| 2-Chlorotoluene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 4-Chlorotoluene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 4-Isopropyltoluene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Benzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Bromobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Bromodichloromethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Bromoform | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Bromomethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Carbon tetrachloride | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Chlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Chloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Chloroform | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Chloromethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| cis-1,2-Dichloroethene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| cis-1,3-Dichloropropene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Dibromochloromethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Dibromomethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Dichlorodifluoromethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Ethylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Hexachlorobutadiene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Isopropylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| m,p-Xylene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Methylene chloride | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| n-Butylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| n-Propylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Naphthalene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| o-Xylene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| sec-Butylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Styrene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| tert-Butylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Tetrachloroethene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Toluene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| trans-1,2-Dichloroethene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Trichloroethene | .34 | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Trichlorofluoromethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Vinyl chloride | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |

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Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T21-1 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-061A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS BY GC/MS** | | | **EPA 8260B** | | | |
| RunID: **MS1_010827A** BatchID: **P01VOCS156** | | | PrepDate: | | | Analyst: **JPC** |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1,1-Trichloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1,2-Trichloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1-Dichloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1-Dichloroethene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,1-Dichloropropene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2,3-Trichlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2,3-Trichloropropane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2,4-Trichlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2,4-Trimethylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2-Dibromo-3-chloropropane | ND | 10 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2-Dibromoethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2-Dichlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2-Dichloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,2-Dichloropropane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,3,5-Trimethylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,3-Dichlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,3-Dichloropropane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 1,4-Dichlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 2,2-Dichloropropane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 2-Chlorotoluene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 4-Chlorotoluene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| 4-Isopropyltoluene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Benzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Bromobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Bromodichloromethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Bromoform | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Bromomethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Carbon tetrachloride | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Chlorobenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Chloroethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Chloroform | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Chloromethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| cis-1,2-Dichloroethene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| cis-1,3-Dichloropropene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Dibromochloromethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Dibromomethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |

**Qualifiers:**

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T21-1 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-061A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **VOLATILE ORGANIC COMPOUNDS BY GC/MS** | | | **EPA 8260B** | | | |
| RunID: **MS1_010827A** BatchID: **P01VOCS156** | | | PrepDate: | | | Analyst: **JPC** |
| Dichlorodifluoromethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Ethylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Hexachlorobutadiene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Isopropylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| m,p-Xylene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Methylene chloride | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| n-Butylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| n-Propylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Naphthalene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| o-Xylene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| sec-Butylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Styrene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| tert-Butylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Tetrachloroethene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Toluene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| trans-1,2-Dichloroethene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Trichloroethene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Trichlorofluoromethane | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Vinyl chloride | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |

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H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T22-2 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-062A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID** | | | **EPA 8015B(M)** | | | |
| RunID: **GC7_010829A** BatchID: **5553** | | | | PrepDate: **8/27/01** | | Analyst: **DJK** |
| Diesel | ND | 1.0 | | mg/Kg | 1.0 | 8/29/01 |
| Motor Oil | 7.1 | 1.0 | | mg/Kg | 1.0 | 8/29/01 |

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E - Value above quantitation range
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Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T23-1 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-063A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID** | | | **EPA 8015B(M)** | | | |
| RunID: **GC7_010829A** BatchID: **5553** | | | | PrepDate: **8/27/01** | | Analyst: **DJK** |
| Diesel | ND | 1.0 | | mg/Kg | 1.0 | 8/29/01 |
| Motor Oil | 5.1 | 1.0 | | mg/Kg | 1.0 | 8/29/01 |

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Initials: _____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T24-.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-064A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **EPA 6010B** | | |
| RunID: **ICP2_010829D** BatchID: **5557** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 2.5 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 70 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 96 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 5.0 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 6.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 510 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 330 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 97 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 5.0 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | 0.50 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 0.28 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 8.0 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 660 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | | **EPA 7471A** | | |
| RunID: **AA1_010830A** BatchID: **5574** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | 0.17 | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

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S - Spike/Surrogate outside of limits due to matrix interference.

H - Samples exceeding analytical holding time

E - Value above quantitation range

M - Not Monitored, Highly Reactive

Initials: _____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T24-1 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-065A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829D** BatchID: **5557** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 32 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 43 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 5.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 3.0 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 8.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 10 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 4.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 16 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 260 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830A** BatchID: **5574** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

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H - Samples exceeding analytical holding time
E - Value above quantitation range
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Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T24-2 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-066A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829D** BatchID: **5557** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 0.29 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 9.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 170 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 14 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 6.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 20 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 8.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 1.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 15 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 32 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 46 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830A** BatchID: **5574** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | 0.11 | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

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Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | S9-0 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-067A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829D** BatchID: **5557** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Lead | 120 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |

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Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | S10-0 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-068A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **EPA 6010B** | | |
| RunID: **ICP2_010829D** BatchID: **5557** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Lead | 260 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |

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H - Samples exceeding analytical holding time

E - Value above quantitation range

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Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T25-.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-069A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829D** BatchID: **5557** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 1.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 20 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 60 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 100 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 6.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 240 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 43 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 42 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 6.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 1.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 120 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 150 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830C** BatchID: **5575** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

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E - Value above quantitation range
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Initials: _____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T25-1 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-070A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829D** BatchID: **5557** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 0.25 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 20 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 37 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 8.0 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 3.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 12 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 6.5 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 5.0 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 20 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 73 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830C** BatchID: **5575** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

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E - Value above quantitation range
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Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T25-2 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-071A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829D** BatchID: **5557** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 16 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 150 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 26 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 11 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 25 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 4.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 20 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 1.5 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 46 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 110 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830C** BatchID: **5575** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

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E - Value above quantitation range
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Initials:_____



Advanced Technology Laboratories

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T26-.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-072A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829D** BatchID: **5557** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 2.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 12 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 60 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 170 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 2.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 10 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 18 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 2.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | 2.5 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 10 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 710 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 38 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830C** BatchID: **5575** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | 0.14 | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

**Qualifiers:**

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S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T26-1 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-073A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829D** BatchID: **5557** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 16 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 36 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 5.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 3.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 5.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 2.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 0.30 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 4.0 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 0.48 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 15 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 200 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830C** BatchID: **5575** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

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E - Value above quantitation range
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Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T26-2 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-074A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829D** BatchID: **5557** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 0.38 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 41 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 180 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | 0.16 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 21 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 8.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 24 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 4.5 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 3.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 29 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 1.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 50 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 71 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830C** BatchID: **5575** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

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Initials: _____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T27-1 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-075A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ORGANOCHLORINE PESTICIDES BY GC/ECD** | | | **EPA 8081A** | | | |
| RunID: **GC9_010827A** BatchID: **5551** | | | | PrepDate: **8/27/01** | | Analyst: **GG** |
| 4,4'-DDD | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| 4,4'-DDE | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| 4,4'-DDT | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| Aldrin | ND | 20 | | µg/Kg | 10 | 8/29/01 |
| alpha-BHC | ND | 20 | | µg/Kg | 10 | 8/29/01 |
| alpha-Chlordane | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| beta-BHC | ND | 20 | | µg/Kg | 10 | 8/29/01 |
| Chlordane | ND | 170 | | µg/Kg | 10 | 8/29/01 |
| delta-BHC | ND | 20 | | µg/Kg | 10 | 8/29/01 |
| Dieldrin | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| Endosulfan I | ND | 20 | | µg/Kg | 10 | 8/29/01 |
| Endosulfan II | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| Endosulfan sulfate | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| Endrin | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| Endrin aldehyde | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| Endrin ketone | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| gamma-BHC | ND | 20 | | µg/Kg | 10 | 8/29/01 |
| gamma-Chlordane | ND | 40 | | µg/Kg | 10 | 8/29/01 |
| Heptachlor | ND | 20 | | µg/Kg | 10 | 8/29/01 |
| Heptachlor epoxide | ND | 20 | | µg/Kg | 10 | 8/29/01 |
| Methoxychlor | ND | 170 | | µg/Kg | 10 | 8/29/01 |
| Toxaphene | ND | 1700 | | µg/Kg | 10 | 8/29/01 |
| **PCB BY GC/ECD** | | | **EPA 8082** | | | |
| RunID: **GC9_010827A** BatchID: **5551** | | | | PrepDate: **8/27/01** | | Analyst: **GG** |
| Aroclor 1016 | ND | 330 | | µg/Kg | 10 | 8/29/01 |
| Aroclor 1221 | ND | 670 | | µg/Kg | 10 | 8/29/01 |
| Aroclor 1232 | ND | 330 | | µg/Kg | 10 | 8/29/01 |
| Aroclor 1242 | ND | 330 | | µg/Kg | 10 | 8/29/01 |
| Aroclor 1248 | ND | 330 | | µg/Kg | 10 | 8/29/01 |
| Aroclor 1254 | ND | 330 | | µg/Kg | 10 | 8/29/01 |
| Aroclor 1260 | ND | 330 | | µg/Kg | 10 | 8/29/01 |
| Aroclor 1262 | ND | 330 | | µg/Kg | 10 | 8/29/01 |
| Aroclor 1268 | ND | 330 | | µg/Kg | 10 | 8/29/01 |

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Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T28-.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-076A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829D** BatchID: **5557** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 1.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 34 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 130 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 60 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 4.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 14 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 42 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 8.0 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 1.5 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 130 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 340 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830C** BatchID: **5575** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | 0.12 | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

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H - Samples exceeding analytical holding time

E - Value above quantitation range

M - Not Monitored. Highly Reactive

Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T28-1 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-077A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829D** BatchID: **5557** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 16 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 32 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 6.0 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 3.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 5.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 4.5 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 4.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 16 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 92 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830C** BatchID: **5575** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

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Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T28-2 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-078A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829D** BatchID: **5557** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 0.37 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 20 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 160 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 22 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 8.0 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 24 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 6.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 2.5 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 26 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 1.5 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 50 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 68 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830C** BatchID: **5575** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

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Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T29-1 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-079A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID** | | | **EPA 8015B(M)** | | | |
| RunID: **GC7_010829A** BatchID: **5553** | | | | PrepDate: **8/27/01** | | Analyst: **DJK** |
| Diesel | ND | 5.0 | | mg/Kg | 5.0 | 8/29/01 |
| Motor Oil | 170 | 5.0 | | mg/Kg | 5.0 | 8/29/01 |
| **GASOLINE RANGE ORGANICS BY GC/FID** | | | **EPA 8015B(M)** | | | |
| RunID: **GC2_010827A** BatchID: **E018G20S197** | | | | PrepDate: | | Analyst: **JK** |
| GRO | ND | 1.0 | | mg/Kg | 1.0 | 8/27/01 |
| **VOLATILE ORGANIC COMPOUNDS BY GC/PID** | | | **EPA 8020A** | | | |
| RunID: **GC2_010827A** BatchID: **E018G20S197** | | | | PrepDate: | | Analyst: **JK** |
| Benzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Ethylbenzene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| m,p-Xylene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| o-Xylene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |
| Toluene | ND | 5.0 | | µg/Kg | 1.0 | 8/27/01 |

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Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T30-.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-080A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **EPA 6010B** | | |
| RunID: **ICP2_010829D** BatchID: **5557** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 64 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 94 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 66 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 6.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 18 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 28 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 1.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 11 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 1.5 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 110 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 100 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | | **EPA 7471A** | | |
| RunID: **AA1_010830C** BatchID: **5575** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

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Initials: _____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T30-1 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-081A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829D** BatchID: **5557** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 28 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 38 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 7.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 4.0 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 6.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 3.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 0.37 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 5.0 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 20 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 98 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830C** BatchID: **5575** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

**Qualifiers:**

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored, Highly Reactive

Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T30-2 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-082A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010829D** BatchID: **5557** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 0.32 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 28 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 130 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 18 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 7.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Copper | 18 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 3.5 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 1.5 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 18 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 38 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Zinc | 57 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830C** BatchID: **5575** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

**Qualifiers:**

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored, Highly Reactive

Initials: _____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T31-.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-083A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010830A** BatchID: **5560** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Arsenic | 22 | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Barium | 76 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Chromium | 15 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Cobalt | 8.0 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Copper | 330 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Lead | 84 | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Molybdenum | 4.5 | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Nickel | 12 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Silver | 0.30 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Thallium | 1.0 | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Vanadium | 28 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Zinc | 180 | 0.50 | | mg/Kg | 1.0 | 8/30/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830C** BatchID: **5575** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

**Qualifiers:**

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B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T31-1 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-084A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010830A** BatchID: **5560** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Arsenic | 34 | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Barium | 98 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Chromium | 18 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Cobalt | 8.0 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Copper | 26 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Lead | 40 | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Molybdenum | 1.0 | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Nickel | 16 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Thallium | 1.0 | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Vanadium | 36 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Zinc | 240 | 0.50 | | mg/Kg | 1.0 | 8/30/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830C** BatchID: **5575** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

**Qualifiers:**

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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T31-2 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-085A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010830A** BatchID: **5560** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 0.28 | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Arsenic | 26 | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Barium | 44 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Chromium | 8.0 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Cobalt | 4.0 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Copper | 7.5 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Lead | 2.5 | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Molybdenum | 0.44 | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Nickel | 6.5 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Thallium | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Vanadium | 18 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Zinc | 220 | 0.50 | | mg/Kg | 1.0 | 8/30/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830C** BatchID: **5575** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

**Qualifiers:**

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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:_____

# Advanced Technology Laboratories

**Print Date:** *8/31/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T31-SLAG |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-086A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010830A** BatchID: **5560** | | | | PrepDate: **8/28/01** | | Analyst: **RQ** |
| Antimony | 0.30 | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Arsenic | 2.0 | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Barium | 9.5 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Chromium | 1.0 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Cobalt | 12 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Copper | 300 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Lead | 28 | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Molybdenum | 5.0 | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Nickel | 5.0 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Silver | 0.37 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Thallium | ND | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Vanadium | 1.5 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Zinc | 87 | 0.50 | | mg/Kg | 1.0 | 8/30/01 |
| **MERCURY BY COLD VAPOR TECHNIQUE** | | | **EPA 7471A** | | | |
| RunID: **AA1_010830C** BatchID: **5575** | | | | PrepDate: **8/29/01** | | Analyst: **NS** |
| Mercury | ND | 0.10 | | mg/Kg | 1.0 | 8/30/01 |

**Qualifiers:**

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DQ - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored, Highly Reactive

Initials:_____

Advanced Technology Laboratories

**Date:** *31-Aug-01*

**CLIENT:** Geocon Environmental
**Work Order:** 052729
**Project:** Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Method Blank

Sample ID **MB-5555** Batch ID: **5555** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **8/28/01** Prep Date: **8/28/01**

MBLK SeqNo: **178142**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | 0.25 | | 0 | | | | 0 | | | |
| Arsenic | ND | 0.25 | | 0 | | | | 0 | | | |
| Barium | ND | 0.15 | | 0 | | | | 0 | | | |
| Beryllium | ND | 0.15 | | 0 | | | | 0 | | | |
| Cadmium | ND | 0.15 | | 0 | | | | 0 | | | |
| Chromium | ND | 0.15 | | 0 | | | | 0 | | | |
| Cobalt | ND | 0.15 | | 0 | | | | 0 | | | |
| Copper | ND | 0.15 | | 0 | | | | 0 | | | |
| Lead | ND | 0.25 | | 0 | | | | 0 | | | |
| Molybdenum | ND | 0.25 | | 0 | | | | 0 | | | |
| Nickel | ND | 0.15 | | 0 | | | | 0 | | | |
| Selenium | ND | 0.25 | | 0 | | | | 0 | | | |
| Silver | ND | 0.15 | | 0 | | | | 0 | | | |
| Thallium | ND | 0.25 | | 0 | | | | 0 | | | |
| Vanadium | ND | 0.15 | | 0 | | | | 0 | | | |
| Zinc | ND | 0.50 | | 0 | | | | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

**Initials:** _____

**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Method Blank

Sample ID **MB-5556** Batch ID: **5556** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **8/29/01** Prep Date: **8/28/01**

MBLK SeqNo: **178554**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | 0.25 | | 0 | | | | 0 | | | |
| Arsenic | ND | 0.25 | | 0 | | | | 0 | | | |
| Barium | ND | 0.15 | | 0 | | | | 0 | | | |
| Beryllium | ND | 0.15 | | 0 | | | | 0 | | | |
| Cadmium | ND | 0.15 | | 0 | | | | 0 | | | |
| Chromium | ND | 0.15 | | 0 | | | | 0 | | | |
| Cobalt | ND | 0.15 | | 0 | | | | 0 | | | |
| Copper | ND | 0.15 | | 0 | | | | 0 | | | |
| Lead | ND | 0.25 | | 0 | | | | 0 | | | |
| Molybdenum | ND | 0.25 | | 0 | | | | 0 | | | |
| Nickel | ND | 0.15 | | 0 | | | | 0 | | | |
| Selenium | ND | 0.25 | | 0 | | | | 0 | | | |
| Silver | ND | 0.15 | | 0 | | | | 0 | | | |
| Thallium | ND | 0.25 | | 0 | | | | 0 | | | |
| Vanadium | ND | 0.15 | | 0 | | | | 0 | | | |
| Zinc | ND | 0.50 | | 0 | | | | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Method Blank

Sample ID MB-5557 Batch ID: 5557 Test Name ICP METALS Units mg/Kg Analysis Date: 8/29/01 Prep Date: 8/28/01

MBLK SeqNo: 178700

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | 0.25 | | 0 | | | | 0 | | | |
| Arsenic | ND | 0.25 | | 0 | | | | 0 | | | |
| Barium | ND | 0.15 | | 0 | | | | 0 | | | |
| Beryllium | ND | 0.15 | | 0 | | | | 0 | | | |
| Cadmium | ND | 0.15 | | 0 | | | | 0 | | | |
| Chromium | ND | 0.15 | | 0 | | | | 0 | | | |
| Cobalt | ND | 0.15 | | 0 | | | | 0 | | | |
| Copper | ND | 0.15 | | 0 | | | | 0 | | | |
| Lead | ND | 0.25 | | 0 | | | | 0 | | | |
| Molybdenum | ND | 0.25 | | 0 | | | | 0 | | | |
| Nickel | ND | 0.15 | | 0 | | | | 0 | | | |
| Selenium | ND | 0.25 | | 0 | | | | 0 | | | |
| Silver | ND | 0.15 | | 0 | | | | 0 | | | |
| Thallium | ND | 0.25 | | 0 | | | | 0 | | | |
| Vanadium | ND | 0.15 | | 0 | | | | 0 | | | |
| Zinc | ND | 0.50 | | 0 | | | | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]



All calculations are based on raw values.

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Method Blank

Sample ID **MB-5560** Batch ID: **5560** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **8/30/01** Prep Date: **8/28/01**

MBLK SeqNo: **179132**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | 0.25 | | 0 | | | | 0 | | | |
| Arsenic | ND | 0.25 | | 0 | | | | 0 | | | |
| Barium | ND | 0.15 | | 0 | | | | 0 | | | |
| Beryllium | ND | 0.15 | | 0 | | | | 0 | | | |
| Cadmium | ND | 0.15 | | 0 | | | | 0 | | | |
| Chromium | ND | 0.15 | | 0 | | | | 0 | | | |
| Cobalt | ND | 0.15 | | 0 | | | | 0 | | | |
| Copper | ND | 0.15 | | 0 | | | | 0 | | | |
| Lead | ND | 0.25 | | 0 | | | | 0 | | | |
| Molybdenum | ND | 0.25 | | 0 | | | | 0 | | | |
| Nickel | ND | 0.15 | | 0 | | | | 0 | | | |
| Selenium | ND | 0.25 | | 0 | | | | 0 | | | |
| Silver | ND | 0.15 | | 0 | | | | 0 | | | |
| Thallium | ND | 0.25 | | 0 | | | | 0 | | | |
| Vanadium | ND | 0.15 | | 0 | | | | 0 | | | |
| Zinc | ND | 0.50 | | 0 | | | | 0 | | | |

Sample ID **MB-5574** Batch ID: **5574** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **8/30/01** Prep Date: **8/29/01**

MBLK SeqNo: **179057**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | 0.10 | | 0 | | | | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Method Blank

Sample ID **MB-5573** Batch ID: **5573** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **8/30/01** Prep Date: **8/28/01**
mblk SeqNo: **179378**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | 0.10 | | 0 | | | | 0 | | | |

Sample ID **MB-5575** Batch ID: **5575** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **8/30/01** Prep Date: **8/29/01**
mblk SeqNo: **179398**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ND | 0.10 | | 0 | | | | 0 | | | |

Sample ID **MB-5553** Batch ID: **5553** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **8/29/01** Prep Date: **8/27/01**
MBLK SeqNo: **179399**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel | ND | 1.0 | | 0 | | | | 0 | | | |
| Motor Oil | ND | 1.0 | | 0 | | | | 0 | | | |

Sample ID **010827MBLKS1** Batch ID: **E018G20S197** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **8/27/01** Prep Date:
MBLK SeqNo: **177597**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GRO | ND | 1.0 | | 0 | | | | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

**Initials:** ____

**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Method Blank

Sample ID **010827MBLKS1** Batch ID: **E018G20S197** Test Name **VOLATILE ORGANIC COMPOUNDS GC/PID** Units **µg/Kg** Analysis Date: **8/27/01** Prep Date:

MBLK SeqNo: **177627**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 5.0 | | 0 | | | | 0 | | | |
| Ethylbenzene | ND | 5.0 | | 0 | | | | 0 | | | |
| m,p-Xylene | ND | 5.0 | | 0 | | | | 0 | | | |
| o-Xylene | ND | 5.0 | | 0 | | | | 0 | | | |
| Toluene | ND | 5.0 | | 0 | | | | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Method Blank

Sample ID **MB-5551** Batch ID: **5551** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **8/27/01** Prep Date: **8/27/01**

MBLK SeqNo: **177486**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4,4'-DDD | ND | 4.0 | | 0 | | | | 0 | | | |
| 4,4'-DDE | ND | 4.0 | | 0 | | | | 0 | | | |
| 4,4'-DDT | ND | 4.0 | | 0 | | | | 0 | | | |
| Aldrin | ND | 2.0 | | 0 | | | | 0 | | | |
| alpha-BHC | ND | 2.0 | | 0 | | | | 0 | | | |
| alpha-Chlordane | ND | 4.0 | | 0 | | | | 0 | | | |
| beta-BHC | ND | 2.0 | | 0 | | | | 0 | | | |
| Chlordane | ND | 17 | | 0 | | | | 0 | | | |
| delta-BHC | ND | 2.0 | | 0 | | | | 0 | | | |
| Dieldrin | ND | 4.0 | | 0 | | | | 0 | | | |
| Endosulfan I | ND | 2.0 | | 0 | | | | 0 | | | |
| Endosulfan II | ND | 4.0 | | 0 | | | | 0 | | | |
| Endosulfan sulfate | ND | 4.0 | | 0 | | | | 0 | | | |
| Endrin | ND | 4.0 | | 0 | | | | 0 | | | |
| Endrin aldehyde | ND | 4.0 | | 0 | | | | 0 | | | |
| Endrin ketone | ND | 4.0 | | 0 | | | | 0 | | | |
| gamma-BHC | ND | 2.0 | | 0 | | | | 0 | | | |
| gamma-Chlordane | ND | 4.0 | | 0 | | | | 0 | | | |
| Heptachlor | ND | 2.0 | | 0 | | | | 0 | | | |
| Heptachlor epoxide | ND | 2.0 | | 0 | | | | 0 | | | |
| Methoxychlor | ND | 17 | | 0 | | | | 0 | | | |
| Toxaphene | ND | 170 | | 0 | | | | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

**Initials:** _____



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Method Blank

Sample ID **MB-5551** Batch ID: **5551** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **8/29/01** Prep Date: **8/27/01**

MBLK SeqNo: **179072**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4,4'-DDD | ND | 4.0 | | 0 | | | | 0 | | | |
| 4,4'-DDE | ND | 4.0 | | 0 | | | | 0 | | | |
| 4,4'-DDT | ND | 4.0 | | 0 | | | | 0 | | | |
| Aldrin | ND | 2.0 | | 0 | | | | 0 | | | |
| alpha-BHC | ND | 2.0 | | 0 | | | | 0 | | | |
| alpha-Chlordane | ND | 4.0 | | 0 | | | | 0 | | | |
| beta-BHC | ND | 2.0 | | 0 | | | | 0 | | | |
| Chlordane | ND | 17 | | 0 | | | | 0 | | | |
| delta-BHC | ND | 2.0 | | 0 | | | | 0 | | | |
| Dieldrin | ND | 4.0 | | 0 | | | | 0 | | | |
| Endosulfan I | ND | 2.0 | | 0 | | | | 0 | | | |
| Endosulfan II | ND | 4.0 | | 0 | | | | 0 | | | |
| Endosulfan sulfate | ND | 4.0 | | 0 | | | | 0 | | | |
| Endrin | ND | 4.0 | | 0 | | | | 0 | | | |
| Endrin aldehyde | ND | 4.0 | | 0 | | | | 0 | | | |
| Endrin ketone | ND | 4.0 | | 0 | | | | 0 | | | |
| gamma-BHC | ND | 2.0 | | 0 | | | | 0 | | | |
| gamma-Chlordane | ND | 4.0 | | 0 | | | | 0 | | | |
| Heptachlor | ND | 2.0 | | 0 | | | | 0 | | | |
| Heptachlor epoxide | ND | 2.0 | | 0 | | | | 0 | | | |
| Methoxychlor | ND | 17 | | 0 | | | | 0 | | | |
| Toxaphene | ND | 170 | | 0 | | | | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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B - Analyte detected in the associated Method Blank
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Method Blank

Sample ID **MB-5551** Batch ID: **5551** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **8/27/01** Prep Date: **8/27/01**

MBLK SeqNo: **177491**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1016 | ND | 33 | | 0 | | | | 0 | | | |
| Aroclor 1221 | ND | 67 | | 0 | | | | 0 | | | |
| Aroclor 1232 | ND | 33 | | 0 | | | | 0 | | | |
| Aroclor 1242 | ND | 33 | | 0 | | | | 0 | | | |
| Aroclor 1248 | ND | 33 | | 0 | | | | 0 | | | |
| Aroclor 1254 | ND | 33 | | 0 | | | | 0 | | | |
| Aroclor 1260 | ND | 33 | | 0 | | | | 0 | | | |
| Aroclor 1262 | ND | 33 | | 0 | | | | 0 | | | |
| Aroclor 1268 | ND | 33 | | 0 | | | | 0 | | | |

Sample ID **MB-5551** Batch ID: **5551** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **8/29/01** Prep Date: **8/27/01**

MBLK SeqNo: **179097**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1016 | ND | 33 | | 0 | | | | 0 | | | |
| Aroclor 1221 | ND | 67 | | 0 | | | | 0 | | | |
| Aroclor 1232 | ND | 33 | | 0 | | | | 0 | | | |
| Aroclor 1242 | ND | 33 | | 0 | | | | 0 | | | |
| Aroclor 1248 | ND | 33 | | 0 | | | | 0 | | | |
| Aroclor 1254 | ND | 33 | | 0 | | | | 0 | | | |
| Aroclor 1260 | ND | 33 | | 0 | | | | 0 | | | |
| Aroclor 1262 | ND | 33 | | 0 | | | | 0 | | | |
| Aroclor 1268 | ND | 33 | | 0 | | | | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Method Blank

Sample ID **010827BLKS1** Batch ID: **P01VOCS156** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **8/27/01** Prep Date:

MBLK SeqNo: **177476**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | | 0 | | | | 0 | | | |
| 1,1,1-Trichloroethane | ND | 5.0 | | 0 | | | | 0 | | | |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | | 0 | | | | 0 | | | |
| 1,1,2-Trichloroethane | ND | 5.0 | | 0 | | | | 0 | | | |
| 1,1-Dichloroethane | ND | 5.0 | | 0 | | | | 0 | | | |
| 1,1-Dichloroethene | ND | 5.0 | | 0 | | | | 0 | | | |
| 1,1-Dichloropropene | ND | 5.0 | | 0 | | | | 0 | | | |
| 1,2,3-Trichlorobenzene | ND | 5.0 | | 0 | | | | 0 | | | |
| 1,2,3-Trichloropropane | ND | 5.0 | | 0 | | | | 0 | | | |
| 1,2,4-Trichlorobenzene | ND | 5.0 | | 0 | | | | 0 | | | |
| 1,2,4-Trimethylbenzene | ND | 5.0 | | 0 | | | | 0 | | | |
| 1,2-Dibromo-3-chloropropane | ND | 10 | | 0 | | | | 0 | | | |
| 1,2-Dibromoethane | ND | 5.0 | | 0 | | | | 0 | | | |
| 1,2-Dichlorobenzene | ND | 5.0 | | 0 | | | | 0 | | | |
| 1,2-Dichloroethane | ND | 5.0 | | 0 | | | | 0 | | | |
| 1,2-Dichloropropane | ND | 5.0 | | 0 | | | | 0 | | | |
| 1,3,5-Trimethylbenzene | ND | 5.0 | | 0 | | | | 0 | | | |
| 1,3-Dichlorobenzene | ND | 5.0 | | 0 | | | | 0 | | | |
| 1,3-Dichloropropane | ND | 5.0 | | 0 | | | | 0 | | | |
| 1,4-Dichlorobenzene | ND | 5.0 | | 0 | | | | 0 | | | |
| 2,2-Dichloropropane | ND | 5.0 | | 0 | | | | 0 | | | |
| 2-Chlorotoluene | ND | 5.0 | | 0 | | | | 0 | | | |
| 4-Chlorotoluene | ND | 5.0 | | 0 | | | | 0 | | | |
| 4-Isopropyltoluene | ND | 5.0 | | 0 | | | | 0 | | | |
| Benzene | ND | 5.0 | | 0 | | | | 0 | | | |
| Bromobenzene | ND | 5.0 | | 0 | | | | 0 | | | |
| Bromodichloromethane | ND | 5.0 | | 0 | | | | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
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M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Method Blank

| | | | | |
|---|---|---|---|---|
| Bromoform | ND | 5.0 | 0 | 0 |
| Bromomethane | ND | 5.0 | 0 | 0 |
| Carbon tetrachloride | ND | 5.0 | 0 | 0 |
| Chlorobenzene | ND | 5.0 | 0 | 0 |
| Chloroethane | ND | 5.0 | 0 | 0 |
| Chloroform | ND | 5.0 | 0 | 0 |
| Chloromethane | ND | 5.0 | 0 | 0 |
| cis-1,2-Dichloroethene | ND | 5.0 | 0 | 0 |
| cis-1,3-Dichloropropene | ND | 5.0 | 0 | 0 |
| Dibromochloromethane | ND | 5.0 | 0 | 0 |
| Dibromomethane | ND | 5.0 | 0 | 0 |
| Dichlorodifluoromethane | ND | 5.0 | 0 | 0 |
| Ethylbenzene | ND | 5.0 | 0 | 0 |
| Hexachlorobutadiene | ND | 5.0 | 0 | 0 |
| Isopropylbenzene | ND | 5.0 | 0 | 0 |
| m,p-Xylene | ND | 5.0 | 0 | 0 |
| Methylene chloride | ND | 5.0 | 0 | 0 |
| n-Butylbenzene | ND | 5.0 | 0 | 0 |
| n-Propylbenzene | ND | 5.0 | 0 | 0 |
| Naphthalene | ND | 5.0 | 0 | 0 |
| o-Xylene | ND | 5.0 | 0 | 0 |
| sec-Butylbenzene | ND | 5.0 | 0 | 0 |
| Styrene | ND | 5.0 | 0 | 0 |
| tert-Butylbenzene | ND | 5.0 | 0 | 0 |
| Tetrachloroethene | ND | 5.0 | 0 | 0 |
| Toluene | ND | 5.0 | 0 | 0 |
| trans-1,2-Dichloroethene | ND | 5.0 | 0 | 0 |
| Trichloroethene | ND | 5.0 | 0 | 0 |
| Trichlorofluoromethane | ND | 5.0 | 0 | 0 |
| Vinyl chloride | ND | 5.0 | 0 | 0 |

Qualifiers: ND - Not Detected at the Reporting Limit
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B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Method Blank

Sample ID **MB-5550** Batch ID: **5550** Test Name **SEMIVOLATILE ORGANIC COMPOUNDS BY G** Units **µg/Kg** Analysis Date: **8/27/01** Prep Date: **8/27/01**

MBLK SeqNo: **177647**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trichlorobenzene | ND | 330 | | 0 | | | | 0 | | | |
| 1,2-Dichlorobenzene | ND | 330 | | 0 | | | | 0 | | | |
| 1,3-Dichlorobenzene | ND | 330 | | 0 | | | | 0 | | | |
| 1,4-Dichlorobenzene | ND | 330 | | 0 | | | | 0 | | | |
| 2,4,5-Trichlorophenol | ND | 330 | | 0 | | | | 0 | | | |
| 2,4,6-Trichlorophenol | ND | 330 | | 0 | | | | 0 | | | |
| 2,4-Dichlorophenol | ND | 1600 | | 0 | | | | 0 | | | |
| 2,4-Dimethylphenol | ND | 330 | | 0 | | | | 0 | | | |
| 2,4-Dinitrophenol | ND | 1600 | | 0 | | | | 0 | | | |
| 2,4-Dinitrotoluene | ND | 330 | | 0 | | | | 0 | | | |
| 2,6-Dinitrotoluene | ND | 330 | | 0 | | | | 0 | | | |
| 2-Chloronaphthalene | ND | 330 | | 0 | | | | 0 | | | |
| 2-Chlorophenol | ND | 330 | | 0 | | | | 0 | | | |
| 2-Methylnaphthalene | ND | 330 | | 0 | | | | 0 | | | |
| 2-Methylphenol | ND | 330 | | 0 | | | | 0 | | | |
| 2-Nitroaniline | ND | 1600 | | 0 | | | | 0 | | | |
| 2-Nitrophenol | ND | 330 | | 0 | | | | 0 | | | |
| 3,3'-Dichlorobenzidine | ND | 660 | | 0 | | | | 0 | | | |
| 3-Nitroaniline | ND | 1600 | | 0 | | | | 0 | | | |
| 4,6-Dinitro-2-methylphenol | ND | 1600 | | 0 | | | | 0 | | | |
| 4-Bromophenyl-phenylether | ND | 330 | | 0 | | | | 0 | | | |
| 4-Chloro-3-methylphenol | ND | 660 | | 0 | | | | 0 | | | |
| 4-Chloroaniline | ND | 660 | | 0 | | | | 0 | | | |
| 4-Chlorophenyl-phenylether | ND | 330 | | 0 | | | | 0 | | | |
| 4-Methylphenol | ND | 330 | | 0 | | | | 0 | | | |
| 4-Nitroaniline | ND | 1600 | | 0 | | | | 0 | | | |
| 4-Nitrophenol | ND | 1600 | | 0 | | | | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Method Blank

| | | | | |
|---|---|---|---|---|
| Acenaphthene | ND | 330 | 0 | 0 |
| Acenaphthylene | ND | 330 | 0 | 0 |
| Anthracene | ND | 330 | 0 | 0 |
| Benzidine (M) | ND | 1600 | 0 | 0 |
| Benzo(a)anthracene | ND | 330 | 0 | 0 |
| Benzo(a)pyrene | ND | 330 | 0 | 0 |
| Benzo(b)fluoranthene | ND | 330 | 0 | 0 |
| Benzo(g,h,i)perylene | ND | 330 | 0 | 0 |
| Benzo(k)fluoranthene | ND | 330 | 0 | 0 |
| Benzoic acid | ND | 1600 | 0 | 0 |
| Benzyl alcohol | ND | 660 | 0 | 0 |
| Bis(2-chloroethoxy)methane | ND | 330 | 0 | 0 |
| Bis(2-chloroethyl)ether | ND | 330 | 0 | 0 |
| Bis(2-chloroisopropyl)ether | ND | 330 | 0 | 0 |
| Bis(2-ethylhexyl)phthalate | ND | 330 | 0 | 0 |
| Butylbenzylphthalate | ND | 330 | 0 | 0 |
| Chrysene | ND | 330 | 0 | 0 |
| Di-n-butylphthalate | ND | 330 | 0 | 0 |
| Di-n-octylphthalate | ND | 330 | 0 | 0 |
| Dibenz(a,h)anthracene | ND | 330 | 0 | 0 |
| Dibenzofuran | ND | 330 | 0 | 0 |
| Diethylphthalate | ND | 330 | 0 | 0 |
| Dimethylphthalate | ND | 330 | 0 | 0 |
| Fluoranthene | ND | 330 | 0 | 0 |
| Fluorene | ND | 330 | 0 | 0 |
| Hexachlorobenzene | ND | 330 | 0 | 0 |
| Hexachlorobutadiene | ND | 660 | 0 | 0 |
| Hexachlorocyclopentadiene | ND | 660 | 0 | 0 |
| Hexachloroethane | ND | 330 | 0 | 0 |
| Indeno(1,2,3-cd)pyrene | ND | 330 | 0 | 0 |
| Isophorone | ND | 330 | 0 | 0 |
| N-Nitrosodi-n-propylamine | ND | 330 | 0 | 0 |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Method Blank

| | | | | |
|---|---|---|---|---|
| N-Nitrosodiphenylamine | ND | 330 | 0 | 0 |
| Naphthalene | ND | 330 | 0 | 0 |
| Nitrobenzene | ND | 330 | 0 | 0 |
| Pentachlorophenol | ND | 1600 | 0 | 0 |
| Phenanthrene | ND | 330 | 0 | 0 |
| Phenol | ND | 330 | 0 | 0 |
| Pyrene | ND | 330 | 0 | 0 |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: JR



**All calculations are based on raw values.**

Advanced Technology Laboratories

**Date:** *31-Aug-01*

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Sample Matrix Spike

Sample ID **052729-024AMS** Batch ID: **5555** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **8/28/01** Prep Date: **8/28/01**

MS SeqNo: **178169**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 96 | 0.25 | 125 | 0.5 | 76 | 32 | 115 | 0 | | | |
| Arsenic | 170 | 0.25 | 125 | 44 | 98 | 59 | 111 | 0 | | | |
| Barium | 180 | 0.15 | 125 | 62 | 94 | 34 | 151 | 0 | | | |
| Beryllium | 110 | 0.15 | 125 | 0 | 92 | 56 | 112 | 0 | | | |
| Cadmium | 100 | 0.15 | 125 | 0 | 84 | 52 | 120 | 0 | | | |
| Chromium | 130 | 0.15 | 125 | 26 | 87 | 56 | 118 | 0 | | | |
| Cobalt | 110 | 0.15 | 125 | 3.5 | 87 | 58 | 117 | 0 | | | |
| Copper | 130 | 0.15 | 125 | 12 | 95 | 58 | 134 | 0 | | | |
| Lead | 130 | 0.25 | 125 | 20 | 84 | 47 | 128 | 0 | | | |
| Molybdenum | 110 | 0.25 | 125 | 0.5 | 91 | 56 | 115 | 0 | | | |
| Nickel | 120 | 0.15 | 125 | 6.5 | 87 | 52 | 120 | 0 | | | |
| Selenium | 110 | 0.25 | 125 | 0 | 89 | 46 | 108 | 0 | | | |
| Silver | 110 | 0.15 | 125 | 0 | 90 | 74 | 117 | 0 | | | |
| Thallium | 110 | 0.25 | 125 | 1 | 87 | 62 | 117 | 0 | | | |
| Vanadium | 190 | 0.15 | 125 | 79 | 90 | 55 | 122 | 0 | | | |
| Zinc | 180 | 0.50 | 125 | 64 | 92 | 43 | 134 | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
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B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

**Initials:** ____



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

## Sample Matrix Spike Duplicate

Sample ID **052729-024AMS** Batch ID: **5555** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **8/28/01** Prep Date: **8/28/01**

MSD SeqNo: **178171**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 75 | 0.25 | 125 | 0.5 | 60 | 32 | 115 | 96 | 25 | 20 | R |
| Arsenic | 130 | 0.25 | 125 | 44 | 70 | 59 | 111 | 170 | 25 | 20 | R |
| Barium | 220 | 0.15 | 125 | 62 | 130 | 34 | 151 | 180 | 20 | 20 | |
| Beryllium | 94 | 0.15 | 125 | 0 | 75 | 56 | 112 | 110 | 20 | 20 | |
| Cadmium | 82 | 0.15 | 125 | 0 | 65 | 52 | 120 | 100 | 24 | 20 | R |
| Chromium | 160 | 0.15 | 125 | 26 | 109 | 56 | 118 | 130 | 17 | 20 | |
| Cobalt | 88 | 0.15 | 125 | 3.5 | 67 | 58 | 117 | 110 | 24 | 20 | R |
| Copper | 110 | 0.15 | 125 | 12 | 77 | 58 | 134 | 130 | 17 | 20 | |
| Lead | 95 | 0.25 | 125 | 20 | 60 | 47 | 128 | 130 | 28 | 20 | R |
| Molybdenum | 96 | 0.25 | 125 | 0.5 | 76 | 56 | 115 | 110 | 18 | 20 | |
| Nickel | 90 | 0.15 | 125 | 6.5 | 67 | 52 | 120 | 120 | 24 | 20 | R |
| Selenium | 94 | 0.25 | 125 | 0 | 76 | 46 | 108 | 110 | 17 | 20 | |
| Silver | 96 | 0.15 | 125 | 0 | 76 | 74 | 117 | 110 | 15 | 20 | |
| Thallium | 89 | 0.25 | 125 | 1 | 70 | 62 | 117 | 110 | 21 | 20 | R |
| Vanadium | 200 | 0.15 | 125 | 79 | 100 | 55 | 122 | 190 | 5 | 20 | |
| Zinc | 140 | 0.50 | 125 | 64 | 58 | 43 | 134 | 180 | 24 | 20 | R |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Sample Matrix Spike

Sample ID **052729-054AMS** Batch ID: **5556** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **8/29/01** Prep Date: **8/28/01**

MS SeqNo: **178576**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 78 | 0.25 | 125 | 0.4 | 62 | 32 | 115 | 0 | | | |
| Arsenic | 120 | 0.25 | 125 | 15 | 87 | 59 | 111 | 0 | | | |
| Barium | 250 | 0.15 | 125 | 150 | 82 | 34 | 151 | 0 | | | |
| Beryllium | 110 | 0.15 | 125 | 0 | 90 | 56 | 112 | 0 | | | |
| Cadmium | 100 | 0.15 | 125 | 0 | 82 | 52 | 120 | 0 | | | |
| Chromium | 130 | 0.15 | 125 | 18 | 86 | 56 | 118 | 0 | | | |
| Cobalt | 110 | 0.15 | 125 | 8.5 | 83 | 58 | 117 | 0 | | | |
| Copper | 140 | 0.15 | 125 | 22 | 91 | 58 | 134 | 0 | | | |
| Lead | 110 | 0.25 | 125 | 6.5 | 84 | 47 | 128 | 0 | | | |
| Molybdenum | 110 | 0.25 | 125 | 2 | 86 | 56 | 115 | 0 | | | |
| Nickel | 120 | 0.15 | 125 | 22 | 80 | 52 | 120 | 0 | | | |
| Selenium | 110 | 0.25 | 125 | 0 | 87 | 46 | 108 | 0 | | | |
| Silver | 110 | 0.15 | 125 | 0.03 | 88 | 74 | 117 | 0 | | | |
| Thallium | 110 | 0.25 | 125 | 1 | 84 | 62 | 117 | 0 | | | |
| Vanadium | 150 | 0.15 | 125 | 42 | 89 | 55 | 122 | 0 | | | |
| Zinc | 180 | 0.50 | 125 | 74 | 88 | 43 | 134 | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

## Sample Matrix Spike Duplicate

Sample ID **052729-054AMS** Batch ID: **5556** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **8/29/01** Prep Date: **8/28/01**

MSD SeqNo: **178577**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 82 | 0.25 | 125 | 0.4 | 65 | 32 | 115 | 78 | 4 | 20 | |
| Arsenic | 120 | 0.25 | 125 | 15 | 87 | 59 | 111 | 120 | 3 | 20 | |
| Barium | 240 | 0.15 | 125 | 150 | 76 | 34 | 151 | 250 | 5 | 20 | |
| Beryllium | 110 | 0.15 | 125 | 0 | 90 | 56 | 112 | 110 | 2 | 20 | |
| Cadmium | 100 | 0.15 | 125 | 0 | 83 | 52 | 120 | 100 | 3 | 20 | |
| Chromium | 130 | 0.15 | 125 | 18 | 86 | 56 | 118 | 130 | 3 | 20 | |
| Cobalt | 110 | 0.15 | 125 | 8.5 | 84 | 58 | 117 | 110 | 2 | 20 | |
| Copper | 140 | 0.15 | 125 | 22 | 91 | 58 | 134 | 140 | 3 | 20 | |
| Lead | 110 | 0.25 | 125 | 6.5 | 85 | 47 | 128 | 110 | 2 | 20 | |
| Molybdenum | 110 | 0.25 | 125 | 2 | 87 | 56 | 115 | 110 | 0 | 20 | |
| Nickel | 120 | 0.15 | 125 | 22 | 81 | 52 | 120 | 120 | 2 | 20 | |
| Selenium | 110 | 0.25 | 125 | 0 | 88 | 46 | 108 | 110 | 1 | 20 | |
| Silver | 110 | 0.15 | 125 | 0.03 | 88 | 74 | 117 | 110 | 0 | 20 | |
| Thallium | 110 | 0.25 | 125 | 1 | 86 | 62 | 117 | 110 | 3 | 20 | |
| Vanadium | 150 | 0.15 | 125 | 42 | 87 | 55 | 122 | 150 | 2 | 20 | |
| Zinc | 170 | 0.50 | 125 | 74 | 80 | 43 | 134 | 180 | 8 | 20 | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Sample Matrix Spike

Sample ID **052729-082AMS** Batch ID: **5557** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **8/29/01** Prep Date: **8/28/01**

MS SeqNo: **178722**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 72 | 0.25 | 125 | 0.32 | 57 | 32 | 115 | 0 | | | |
| Arsenic | 140 | 0.25 | 125 | 28 | 89 | 59 | 111 | 0 | | | |
| Barium | 250 | 0.15 | 125 | 130 | 93 | 34 | 151 | 0 | | | |
| Beryllium | 110 | 0.15 | 125 | 0 | 85 | 56 | 112 | 0 | | | |
| Cadmium | 98 | 0.15 | 125 | 0 | 78 | 52 | 120 | 0 | | | |
| Chromium | 120 | 0.15 | 125 | 18 | 85 | 56 | 118 | 0 | | | |
| Cobalt | 110 | 0.15 | 125 | 7.5 | 81 | 58 | 117 | 0 | | | |
| Copper | 130 | 0.15 | 125 | 18 | 90 | 58 | 134 | 0 | | | |
| Lead | 110 | 0.25 | 125 | 3.5 | 82 | 47 | 128 | 0 | | | |
| Molybdenum | 100 | 0.25 | 125 | 1.5 | 81 | 56 | 115 | 0 | | | |
| Nickel | 120 | 0.15 | 125 | 18 | 80 | 52 | 120 | 0 | | | |
| Selenium | 100 | 0.25 | 125 | 0 | 83 | 46 | 108 | 0 | | | |
| Silver | 100 | 0.15 | 125 | 0 | 82 | 74 | 117 | 0 | | | |
| Thallium | 100 | 0.25 | 125 | 0.5 | 82 | 62 | 117 | 0 | | | |
| Vanadium | 150 | 0.15 | 125 | 38 | 92 | 55 | 122 | 0 | | | |
| Zinc | 160 | 0.50 | 125 | 57 | 82 | 43 | 134 | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

## Sample Matrix Spike Duplicate

Sample ID **052729-082AMS** Batch ID: **5557** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **8/29/01** Prep Date: **8/28/01**

MSD SeqNo: **178723**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 75 | 0.25 | 125 | 0.32 | 60 | 32 | 115 | 72 | 4 | 20 | |
| Arsenic | 140 | 0.25 | 125 | 28 | 88 | 59 | 111 | 140 | 1 | 20 | |
| Barium | 240 | 0.15 | 125 | 130 | 87 | 34 | 151 | 250 | 2 | 20 | |
| Beryllium | 110 | 0.15 | 125 | 0 | 85 | 56 | 112 | 110 | 4 | 20 | |
| Cadmium | 98 | 0.15 | 125 | 0 | 79 | 52 | 120 | 98 | 1 | 20 | |
| Chromium | 120 | 0.15 | 125 | 18 | 84 | 56 | 118 | 120 | 3 | 20 | |
| Cobalt | 110 | 0.15 | 125 | 7.5 | 81 | 58 | 117 | 110 | 1 | 20 | |
| Copper | 130 | 0.15 | 125 | 18 | 90 | 58 | 134 | 130 | 0 | 20 | |
| Lead | 110 | 0.25 | 125 | 3.5 | 82 | 47 | 128 | 110 | 4 | 20 | |
| Molybdenum | 100 | 0.25 | 125 | 1.5 | 82 | 56 | 115 | 100 | 3 | 20 | |
| Nickel | 120 | 0.15 | 125 | 18 | 80 | 52 | 120 | 120 | 1 | 20 | |
| Selenium | 100 | 0.25 | 125 | 0 | 83 | 46 | 108 | 100 | 3 | 20 | |
| Silver | 100 | 0.15 | 125 | 0 | 82 | 74 | 117 | 100 | 2 | 20 | |
| Thallium | 100 | 0.25 | 125 | 0.5 | 82 | 62 | 117 | 100 | 2 | 20 | |
| Vanadium | 150 | 0.15 | 125 | 38 | 90 | 55 | 122 | 150 | 2 | 20 | |
| Zinc | 160 | 0.50 | 125 | 57 | 81 | 43 | 134 | 160 | 0 | 20 | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Sample Matrix Spike

Sample ID **052729-085AMS** Batch ID: **5560** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **8/30/01** Prep Date: **8/28/01**

MS SeqNo: **179138**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 100 | 0.25 | 125 | 0.28 | 81 | 32 | 115 | 0 | | | |
| Arsenic | 140 | 0.25 | 125 | 26 | 92 | 59 | 111 | 0 | | | |
| Barium | 160 | 0.15 | 125 | 44 | 92 | 34 | 151 | 0 | | | |
| Beryllium | 120 | 0.15 | 125 | 0 | 94 | 56 | 112 | 0 | | | |
| Cadmium | 110 | 0.15 | 125 | 0 | 87 | 52 | 120 | 0 | | | |
| Chromium | 120 | 0.15 | 125 | 8 | 92 | 56 | 118 | 0 | | | |
| Cobalt | 120 | 0.15 | 125 | 4 | 89 | 58 | 117 | 0 | | | |
| Copper | 130 | 0.15 | 125 | 7.5 | 97 | 58 | 134 | 0 | | | |
| Lead | 110 | 0.25 | 125 | 2.5 | 89 | 47 | 128 | 0 | | | |
| Molybdenum | 120 | 0.25 | 125 | 0.44 | 93 | 56 | 115 | 0 | | | |
| Nickel | 120 | 0.15 | 125 | 6.5 | 89 | 52 | 120 | 0 | | | |
| Selenium | 110 | 0.25 | 125 | 0 | 90 | 46 | 108 | 0 | | | |
| Silver | 110 | 0.15 | 125 | 0 | 89 | 74 | 117 | 0 | | | |
| Thallium | 110 | 0.25 | 125 | 0.5 | 90 | 62 | 117 | 0 | | | |
| Vanadium | 140 | 0.15 | 125 | 18 | 100 | 55 | 122 | 0 | | | |
| Zinc | 300 | 0.50 | 125 | 220 | 62 | 43 | 134 | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

**Initials:**



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

## Sample Matrix Spike Duplicate

Sample ID **052729-085AMS** Batch ID: **5560** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **8/30/01** Prep Date: **8/28/01**

MSD SeqNo: **179139**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 110 | 0.25 | 125 | 0.28 | 86 | 32 | 115 | 100 | 8 | 20 | |
| Arsenic | 150 | 0.25 | 125 | 26 | 97 | 59 | 111 | 140 | 6 | 20 | |
| Barium | 160 | 0.15 | 125 | 44 | 94 | 34 | 151 | 160 | 1 | 20 | |
| Beryllium | 120 | 0.15 | 125 | 0 | 99 | 56 | 112 | 120 | 2 | 20 | |
| Cadmium | 110 | 0.15 | 125 | 0 | 91 | 52 | 120 | 110 | 1 | 20 | |
| Chromium | 130 | 0.15 | 125 | 8 | 97 | 56 | 118 | 120 | 6 | 20 | |
| Cobalt | 120 | 0.15 | 125 | 4 | 94 | 58 | 117 | 120 | 4 | 20 | |
| Copper | 130 | 0.15 | 125 | 7.5 | 101 | 58 | 134 | 130 | 1 | 20 | |
| Lead | 120 | 0.25 | 125 | 2.5 | 94 | 47 | 128 | 110 | 5 | 20 | |
| Molybdenum | 120 | 0.25 | 125 | 0.44 | 98 | 56 | 115 | 120 | 3 | 20 | |
| Nickel | 120 | 0.15 | 125 | 6.5 | 94 | 52 | 120 | 120 | 2 | 20 | |
| Selenium | 120 | 0.25 | 125 | 0 | 94 | 46 | 108 | 110 | 6 | 20 | |
| Silver | 120 | 0.15 | 125 | 0 | 93 | 74 | 117 | 110 | 7 | 20 | |
| Thallium | 120 | 0.25 | 125 | 0.5 | 93 | 62 | 117 | 110 | 6 | 20 | |
| Vanadium | 150 | 0.15 | 125 | 18 | 105 | 55 | 122 | 140 | 5 | 20 | |
| Zinc | 290 | 0.50 | 125 | 220 | 59 | 43 | 134 | 300 | 2 | 20 | |

Sample ID **052729-066AMS** Batch ID: **5574** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **8/30/01** Prep Date: **8/29/01**

MS SeqNo: **179054**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 1.2 | 0.10 | 0.83 | 0.11 | 127 | 62 | 146 | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Sample ID **052729-066AMS** Batch ID: **5574** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **8/30/01** Prep Date: **8/29/01**
MSD SeqNo: **179055**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 1.1 | 0.10 | 0.83 | 0.11 | 118 | 62 | 146 | 1.2 | 6 | 33 | |

Sample ID **052729-032AMS** Batch ID: **5573** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **8/30/01** Prep Date: **8/28/01**
MS SeqNo: **179375**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 1.3 | 0.10 | 0.83 | 0.049 | 151 | 62 | 146 | 0 | | | S |

Sample ID **052729-032AMS** Batch ID: **5573** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **8/30/01** Prep Date: **8/28/01**
MSD SeqNo: **179376**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 1.1 | 0.10 | 0.83 | 0.049 | 131 | 62 | 146 | 1.3 | 17 | 33 | |

Sample ID **052729-086AMS** Batch ID: **5575** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **8/30/01** Prep Date: **8/29/01**
MS SeqNo: **179395**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 0.96 | 0.10 | 0.83 | 0 | 116 | 62 | 146 | 0 | | | |

Sample ID **052729-086AMS** Batch ID: **5575** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **8/30/01** Prep Date: **8/29/01**
MSD SeqNo: **179396**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 0.93 | 0.10 | 0.83 | 0 | 112 | 62 | 146 | 0.96 | 4 | 33 | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

**Initials:** [illegible]



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Sample Matrix Spike

Sample ID **052729-063AMS** Batch ID: **5553** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **8/29/01** Prep Date: **8/27/01**
MS SeqNo: **179401**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel | 23 | 1.0 | 33 | 0 | 69 | 50 | 150 | 0 | | | |

Sample ID **052729-063AMS** Batch ID: **5553** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **8/29/01** Prep Date: **8/27/01**
MSD SeqNo: **179402**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel | 22 | 1.0 | 33 | 0 | 67 | 50 | 150 | 23 | 4 | 40 | |

Sample ID **052719-041AMS** Batch ID: **E018G20S197** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **8/27/01** Prep Date:
MS SeqNo: **177602**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GRO | 4.1 | 1.0 | 5 | 0 | 83 | 31 | 113 | 0 | | | |

Sample ID **052719-041AMS** Batch ID: **E018G20S197** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **8/27/01** Prep Date:
MSD SeqNo: **177603**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GRO | 3.8 | 1.0 | 5 | 0 | 75 | 31 | 113 | 4.1 | 9 | 25 | |

Sample ID **052719-041AMS** Batch ID: **E018G20S197** Test Name **VOLATILE ORGANIC COMPOUNDS GC/PID** Units **µg/Kg** Analysis Date: **8/27/01** Prep Date:
MS SeqNo: **177632**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 23 | 5.0 | 27 | 0 | 87 | 41 | 122 | 0 | | | |
| Toluene | 120 | 5.0 | 134 | 0 | 87 | 40 | 130 | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

## Sample Matrix Spike Duplicate

Sample ID **052719-041AMS** Batch ID: **E018G20S197** Test Name **VOLATILE ORGANIC COMPOUNDS GC/PID** Units **µg/Kg** Analysis Date: **8/27/01** Prep Date:

MSD SeqNo: **177633**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 24 | 5.0 | 27 | 0 | 87 | 41 | 122 | 23 | 3 | 22 | |
| Toluene | 120 | 5.0 | 134 | 0 | 87 | 40 | 130 | 120 | 2 | 21 | |

Sample ID **MB-5551** Batch ID: **5551** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **8/27/01** Prep Date: **8/27/01**

MS SeqNo: **177488**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4,4'-DDT | 24 | 4.0 | 26.6 | 0 | 90 | 40 | 150 | 0 | | | |
| Aldrin | 12 | 2.0 | 13.3 | 0 | 90 | 40 | 150 | 0 | | | |
| Dieldrin | 25 | 4.0 | 26.6 | 0 | 94 | 40 | 150 | 0 | | | |
| Endrin | 27 | 4.0 | 26.6 | 0 | 102 | 40 | 150 | 0 | | | |
| gamma-BHC | 12 | 2.0 | 13.3 | 0 | 90 | 40 | 150 | 0 | | | |
| Heptachlor | 13 | 2.0 | 13.3 | 0 | 98 | 40 | 150 | 0 | | | |

Sample ID **MB-5551** Batch ID: **5551** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **8/27/01** Prep Date: **8/27/01**

MSD SeqNo: **177489**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4,4'-DDT | 24 | 4.0 | 26.6 | 0 | 90 | 40 | 150 | 24 | 1 | 50 | |
| Aldrin | 12 | 2.0 | 13.3 | 0 | 90 | 40 | 150 | 12 | 1 | 50 | |
| Dieldrin | 25 | 4.0 | 26.6 | 0 | 94 | 40 | 150 | 25 | 0 | 50 | |
| Endrin | 27 | 4.0 | 26.6 | 0 | 102 | 40 | 150 | 27 | 0 | 50 | |
| gamma-BHC | 12 | 2.0 | 13.3 | 0 | 90 | 40 | 150 | 12 | 3 | 50 | |
| Heptachlor | 13 | 2.0 | 13.3 | 0 | 98 | 40 | 150 | 13 | 0 | 50 | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Sample Matrix Spike

Sample ID **MB-5551** Batch ID: **5551** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **8/27/01** Prep Date: **8/27/01**

MS SeqNo: **177493**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1016 | 300 | 33 | 333.3 | 0 | 90 | 50 | 150 | 0 | | | |
| Aroclor 1260 | 310 | 33 | 333.3 | 0 | 93 | 50 | 150 | 0 | | | |

Sample ID **MB-5551** Batch ID: **5551** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **8/28/01** Prep Date: **8/27/01**

MSD SeqNo: **177494**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1016 | 290 | 33 | 333.3 | 0 | 87 | 50 | 150 | 300 | 2 | 50 | |
| Aroclor 1260 | 300 | 33 | 333.3 | 0 | 90 | 50 | 150 | 310 | 2 | 50 | |

Sample ID **052727-001AMS** Batch ID: **P01VOCS156** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **8/27/01** Prep Date:

MS SeqNo: **177478**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 85 | 5.0 | 100 | 0 | 85 | 71 | 140 | 0 | | | |
| Benzene | 88 | 5.0 | 100 | 0 | 88 | 74 | 129 | 0 | | | |
| Chlorobenzene | 48 | 5.0 | 100 | 0 | 48 | 44 | 136 | 0 | | | |
| Toluene | 75 | 5.0 | 100 | 0 | 75 | 59 | 142 | 0 | | | |
| Trichloroethene | 87 | 5.0 | 100 | 0 | 87 | 70 | 135 | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

**Initials:**



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

## Sample Matrix Spike Duplicate

Sample ID **052727-001AMS** Batch ID: **P01VOCS156** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **8/27/01** Prep Date:

MSD SeqNo: **177479**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 89 | 5.0 | 100 | 0 | 89 | 71 | 140 | 85 | 5 | 26 | |
| Benzene | 91 | 5.0 | 100 | 0 | 91 | 74 | 129 | 88 | 3 | 18 | |
| Chlorobenzene | 51 | 5.0 | 100 | 0 | 51 | 44 | 136 | 48 | 6 | 22 | |
| Toluene | 76 | 5.0 | 100 | 0 | 76 | 59 | 142 | 75 | 2 | 21 | |
| Trichloroethene | 91 | 5.0 | 100 | 0 | 91 | 70 | 135 | 87 | 5 | 20 | |

Sample ID **MB-5550MS** Batch ID: **5550** Test Name **SEMIVOLATILE ORGANIC COMPOUNDS BY G** Units **µg/Kg** Analysis Date: **8/27/01** Prep Date: **8/27/01**

MS SeqNo: **177661**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trichlorobenzene | 1100 | 330 | 1665 | 0 | 64 | 38 | 107 | 0 | | | |
| 1,4-Dichlorobenzene | 980 | 330 | 1665 | 0 | 59 | 28 | 104 | 0 | | | |
| 2,4-Dinitrotoluene | 1400 | 330 | 1665 | 0 | 83 | 28 | 89 | 0 | | | |
| 2-Chlorophenol | 2100 | 330 | 3330 | 0 | 64 | 25 | 102 | 0 | | | |
| 4-Chloro-3-methylphenol | 2500 | 660 | 3330 | 0 | 75 | 26 | 103 | 0 | | | |
| 4-Nitrophenol | 2600 | 1600 | 3330 | 0 | 79 | 11 | 114 | 0 | | | |
| Acenaphthene | 1100 | 330 | 1665 | 0 | 67 | 31 | 137 | 0 | | | |
| N-Nitrosodi-n-propylamine | 1100 | 330 | 1665 | 0 | 66 | 41 | 126 | 0 | | | |
| Pentachlorophenol | 2700 | 1600 | 3330 | 0 | 82 | 17 | 109 | 0 | | | |
| Phenol | 2100 | 330 | 3330 | 0 | 62 | 26 | 90 | 0 | | | |
| Pyrene | 1400 | 330 | 1665 | 0 | 86 | 35 | 142 | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT
## Sample Matrix Spike Duplicate

Sample ID **MB-5550MSD** Batch ID: **5550** Test Name **SEMIVOLATILE ORGANIC COMPOUNDS BY G** Units **µg/Kg** Analysis Date: **8/27/01** Prep Date: **8/27/01**

MSD SeqNo: **177663**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trichlorobenzene | 980 | 330 | 1665 | 0 | 59 | 38 | 107 | 1100 | 8 | 23 | |
| 1,4-Dichlorobenzene | 910 | 330 | 1665 | 0 | 55 | 28 | 104 | 980 | 7 | 27 | |
| 2,4-Dinitrotoluene | 1400 | 330 | 1665 | 0 | 81 | 28 | 89 | 1400 | 2 | 47 | |
| 2-Chlorophenol | 2000 | 330 | 3330 | 0 | 61 | 25 | 102 | 2100 | 7 | 50 | |
| 4-Chloro-3-methylphenol | 2400 | 660 | 3330 | 0 | 71 | 26 | 103 | 2500 | 3 | 33 | |
| 4-Nitrophenol | 2600 | 1600 | 3330 | 0 | 78 | 11 | 114 | 2600 | 1 | 50 | |
| Acenaphthene | 1100 | 330 | 1665 | 0 | 64 | 31 | 137 | 1100 | 1 | 19 | |
| N-Nitrosodi-n-propylamine | 1000 | 330 | 1665 | 0 | 62 | 41 | 126 | 1100 | 9 | 38 | |
| Pentachlorophenol | 2700 | 1600 | 3330 | 0 | 81 | 17 | 109 | 2700 | 1 | 47 | |
| Phenol | 2000 | 330 | 3330 | 0 | 59 | 26 | 90 | 2100 | 3 | 35 | |
| Pyrene | 1400 | 330 | 1665 | 0 | 84 | 35 | 142 | 1400 | 2 | 36 | |

Qualifiers: ND - Not Detected at the Reporting Limit
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B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____



**All calculations are based on raw values.**

Advanced Technology Laboratories

Date: *31-Aug-01*

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-5555** Batch ID: **5555** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **8/28/01** Prep Date: **8/28/01**

LCS SeqNo: **178143**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 52 | 0.25 | 50 | 0 | 104 | 80 | 120 | 0 | | | |
| Arsenic | 50 | 0.25 | 50 | 0 | 99 | 80 | 120 | 0 | | | |
| Barium | 50 | 0.15 | 50 | 0 | 99 | 80 | 120 | 0 | | | |
| Beryllium | 50 | 0.15 | 50 | 0 | 99 | 80 | 120 | 0 | | | |
| Cadmium | 48 | 0.15 | 50 | 0 | 95 | 80 | 120 | 0 | | | |
| Chromium | 48 | 0.15 | 50 | 0 | 96 | 80 | 120 | 0 | | | |
| Cobalt | 48 | 0.15 | 50 | 0 | 96 | 80 | 120 | 0 | | | |
| Copper | 48 | 0.15 | 50 | 0 | 97 | 80 | 120 | 0 | | | |
| Lead | 46 | 0.25 | 50 | 0 | 91 | 80 | 120 | 0 | | | |
| Molybdenum | 50 | 0.25 | 50 | 0 | 99 | 80 | 120 | 0 | | | |
| Nickel | 46 | 0.15 | 50 | 0 | 92 | 80 | 120 | 0 | | | |
| Selenium | 46 | 0.25 | 50 | 0 | 93 | 80 | 120 | 0 | | | |
| Silver | 41 | 0.15 | 50 | 0 | 82 | 80 | 120 | 0 | | | |
| Thallium | 48 | 0.25 | 50 | 0.17 | 95 | 80 | 120 | 0 | | | |
| Vanadium | 49 | 0.15 | 50 | 0 | 98 | 80 | 120 | 0 | | | |
| Zinc | 47 | 0.50 | 50 | 0.037 | 94 | 80 | 120 | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-5556** Batch ID: **5556** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **8/29/01** Prep Date: **8/28/01**

LCS SeqNo: **178555**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 53 | 0.25 | 50 | 0 | 106 | 80 | 120 | 0 | | | |
| Arsenic | 50 | 0.25 | 50 | 0 | 100 | 80 | 120 | 0 | | | |
| Barium | 52 | 0.15 | 50 | 0.0045 | 104 | 80 | 120 | 0 | | | |
| Beryllium | 50 | 0.15 | 50 | 0.0045 | 101 | 80 | 120 | 0 | | | |
| Cadmium | 48 | 0.15 | 50 | 0 | 97 | 80 | 120 | 0 | | | |
| Chromium | 50 | 0.15 | 50 | 0 | 99 | 80 | 120 | 0 | | | |
| Cobalt | 48 | 0.15 | 50 | 0 | 97 | 80 | 120 | 0 | | | |
| Copper | 50 | 0.15 | 50 | 0 | 99 | 80 | 120 | 0 | | | |
| Lead | 48 | 0.25 | 50 | 0 | 95 | 80 | 120 | 0 | | | |
| Molybdenum | 50 | 0.25 | 50 | 0.0085 | 100 | 80 | 120 | 0 | | | |
| Nickel | 46 | 0.15 | 50 | 0 | 93 | 80 | 120 | 0 | | | |
| Selenium | 48 | 0.25 | 50 | 0 | 96 | 80 | 120 | 0 | | | |
| Silver | 42 | 0.15 | 50 | 0.03 | 83 | 80 | 120 | 0 | | | |
| Thallium | 48 | 0.25 | 50 | 0 | 97 | 80 | 120 | 0 | | | |
| Vanadium | 49 | 0.15 | 50 | 0.01 | 98 | 80 | 120 | 0 | | | |
| Zinc | 49 | 0.50 | 50 | 0.11 | 98 | 80 | 120 | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-5557** Batch ID: **5557** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **8/29/01** Prep Date: **8/28/01**

LCS SeqNo: **178701**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 54 | 0.25 | 50 | 0 | 109 | 80 | 120 | 0 | | | |
| Arsenic | 52 | 0.25 | 50 | 0 | 104 | 80 | 120 | 0 | | | |
| Barium | 51 | 0.15 | 50 | 0 | 102 | 80 | 120 | 0 | | | |
| Beryllium | 50 | 0.15 | 50 | 0.012 | 100 | 80 | 120 | 0 | | | |
| Cadmium | 49 | 0.15 | 50 | 0 | 98 | 80 | 120 | 0 | | | |
| Chromium | 49 | 0.15 | 50 | 0 | 97 | 80 | 120 | 0 | | | |
| Cobalt | 49 | 0.15 | 50 | 0.011 | 98 | 80 | 120 | 0 | | | |
| Copper | 49 | 0.15 | 50 | 0.057 | 98 | 80 | 120 | 0 | | | |
| Lead | 48 | 0.25 | 50 | 0 | 97 | 80 | 120 | 0 | | | |
| Molybdenum | 50 | 0.25 | 50 | 0 | 100 | 80 | 120 | 0 | | | |
| Nickel | 47 | 0.15 | 50 | 0.042 | 95 | 80 | 120 | 0 | | | |
| Selenium | 49 | 0.25 | 50 | 0 | 99 | 80 | 120 | 0 | | | |
| Silver | 42 | 0.15 | 50 | 0.024 | 84 | 80 | 120 | 0 | | | |
| Thallium | 50 | 0.25 | 50 | 0.0095 | 99 | 80 | 120 | 0 | | | |
| Vanadium | 50 | 0.15 | 50 | 0 | 100 | 80 | 120 | 0 | | | |
| Zinc | 50 | 0.50 | 50 | 0.11 | 99 | 80 | 120 | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-5560** Batch ID: **5560** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **8/30/01** Prep Date: **8/28/01**

LCS SeqNo: **179133**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 56 | 0.25 | 50 | 0 | 111 | 80 | 120 | 0 | | | |
| Arsenic | 53 | 0.25 | 50 | 0 | 106 | 80 | 120 | 0 | | | |
| Barium | 50 | 0.15 | 50 | 0.005 | 101 | 80 | 120 | 0 | | | |
| Beryllium | 51 | 0.15 | 50 | 0 | 102 | 80 | 120 | 0 | | | |
| Cadmium | 50 | 0.15 | 50 | 0 | 100 | 80 | 120 | 0 | | | |
| Chromium | 50 | 0.15 | 50 | 0 | 100 | 80 | 120 | 0 | | | |
| Cobalt | 50 | 0.15 | 50 | 0 | 101 | 80 | 120 | 0 | | | |
| Copper | 50 | 0.15 | 50 | 0 | 101 | 80 | 120 | 0 | | | |
| Lead | 49 | 0.25 | 50 | 0 | 98 | 80 | 120 | 0 | | | |
| Molybdenum | 51 | 0.25 | 50 | 0.015 | 102 | 80 | 120 | 0 | | | |
| Nickel | 49 | 0.15 | 50 | 0 | 98 | 80 | 120 | 0 | | | |
| Selenium | 50 | 0.25 | 50 | 0 | 101 | 80 | 120 | 0 | | | |
| Silver | 44 | 0.15 | 50 | 0 | 87 | 80 | 120 | 0 | | | |
| Thallium | 50 | 0.25 | 50 | 0 | 100 | 80 | 120 | 0 | | | |
| Vanadium | 52 | 0.15 | 50 | 0 | 103 | 80 | 120 | 0 | | | |
| Zinc | 50 | 0.50 | 50 | 0 | 101 | 80 | 120 | 0 | | | |

Sample ID **LCS-5574** Batch ID: **5574** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **8/30/01** Prep Date: **8/29/01**

LCS SeqNo: **179056**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 1.9 | 0.10 | 2.08 | 0 | 92 | 80 | 120 | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-5573** Batch ID: **5573** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **8/30/01** Prep Date: **8/28/01**
lcs SeqNo: **179377**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 2.2 | 0.10 | 2.08 | 0 | 107 | 80 | 120 | 0 | | | |

Sample ID **LCS-5575** Batch ID: **5575** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **8/30/01** Prep Date: **8/29/01**
lcs SeqNo: **179397**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 2.2 | 0.10 | 2.08 | 0 | 104 | 80 | 120 | 0 | | | |

Sample ID **LCS-5553** Batch ID: **5553** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **8/29/01** Prep Date: **8/27/01**
LCS SeqNo: **179400**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel | 31 | 1.0 | 33 | 0 | 94 | 60 | 140 | 0 | | | |

Sample ID **010827LCSS1** Batch ID: **E018G20S197** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **8/27/01** Prep Date:
LCS SeqNo: **177616**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GRO | 4.9 | 1.0 | 5 | 0 | 97 | 64 | 128 | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

**Initials:** ____

**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **010827LCSS1** Batch ID: **E018G20S197** Test Name **VOLATILE ORGANIC COMPOUNDS GC/PID** Units **µg/Kg** Analysis Date: **8/27/01** Prep Date:

LCS SeqNo: **177646**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 28 | 5.0 | 27 | 0 | 102 | 63 | 139 | 0 | | | |
| Ethylbenzene | 47 | 5.0 | 42 | 0 | 112 | 63 | 139 | 0 | | | |
| m,p-Xylene | 180 | 5.0 | 193 | 0 | 92 | 63 | 139 | 0 | | | |
| o-Xylene | 71 | 5.0 | 65 | 0 | 109 | 63 | 139 | 0 | | | |
| Toluene | 150 | 5.0 | 134 | 0 | 111 | 63 | 139 | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-5551** Batch ID: **5551** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **8/27/01** Prep Date: **8/27/01**

LCS SeqNo: **177487**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4,4'-DDD | 32 | 4.0 | 33.3 | 0 | 96 | 50 | 150 | 0 | | | |
| 4,4'-DDE | 32 | 4.0 | 33.3 | 0 | 96 | 50 | 150 | 0 | | | |
| 4,4'-DDT | 31 | 4.0 | 33.3 | 0 | 93 | 50 | 150 | 0 | | | |
| Aldrin | 31 | 2.0 | 33.3 | 0 | 93 | 50 | 150 | 0 | | | |
| alpha-BHC | 30 | 2.0 | 33.3 | 0 | 90 | 50 | 150 | 0 | | | |
| alpha-Chlordane | 30 | 4.0 | 33.3 | 0 | 90 | 50 | 150 | 0 | | | |
| beta-BHC | 30 | 2.0 | 33.3 | 0 | 90 | 50 | 150 | 0 | | | |
| delta-BHC | 18 | 2.0 | 33.3 | 0 | 54 | 50 | 150 | 0 | | | |
| Dieldrin | 31 | 4.0 | 33.3 | 0 | 93 | 50 | 150 | 0 | | | |
| Endosulfan I | 31 | 2.0 | 33.3 | 0 | 93 | 50 | 150 | 0 | | | |
| Endosulfan II | 32 | 4.0 | 33.3 | 0 | 96 | 50 | 150 | 0 | | | |
| Endosulfan sulfate | 29 | 4.0 | 33.3 | 0 | 87 | 50 | 150 | 0 | | | |
| Endrin | 35 | 4.0 | 33.3 | 0 | 105 | 50 | 150 | 0 | | | |
| Endrin aldehyde | 32 | 4.0 | 33.3 | 0 | 96 | 50 | 150 | 0 | | | |
| Endrin ketone | 31 | 4.0 | 33.3 | 0 | 93 | 50 | 150 | 0 | | | |
| gamma-BHC | 32 | 2.0 | 33.3 | 0 | 96 | 50 | 150 | 0 | | | |
| gamma-Chlordane | 31 | 4.0 | 33.3 | 0 | 93 | 50 | 150 | 0 | | | |
| Heptachlor | 33 | 2.0 | 33.3 | 0 | 99 | 50 | 150 | 0 | | | |
| Heptachlor epoxide | 31 | 2.0 | 33.3 | 0 | 93 | 50 | 150 | 0 | | | |
| Methoxychlor | 35 | 17 | 33.3 | 0 | 105 | 50 | 150 | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-5551** Batch ID: **5551** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **8/29/01** Prep Date: **8/27/01**

LCS SeqNo: **179073**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4,4'-DDD | 30 | 4.0 | 33.3 | 0 | 90 | 50 | 150 | 0 | | | |
| 4,4'-DDE | 30 | 4.0 | 33.3 | 0 | 90 | 50 | 150 | 0 | | | |
| 4,4'-DDT | 29 | 4.0 | 33.3 | 0 | 87 | 50 | 150 | 0 | | | |
| Aldrin | 28 | 2.0 | 33.3 | 0 | 84 | 50 | 150 | 0 | | | |
| alpha-BHC | 27 | 2.0 | 33.3 | 0 | 81 | 50 | 150 | 0 | | | |
| alpha-Chlordane | 28 | 4.0 | 33.3 | 0 | 84 | 50 | 150 | 0 | | | |
| beta-BHC | 27 | 2.0 | 33.3 | 0 | 81 | 50 | 150 | 0 | | | |
| delta-BHC | 17 | 2.0 | 33.3 | 0 | 51 | 50 | 150 | 0 | | | |
| Dieldrin | 29 | 4.0 | 33.3 | 0 | 87 | 50 | 150 | 0 | | | |
| Endosulfan I | 28 | 2.0 | 33.3 | 0 | 84 | 50 | 150 | 0 | | | |
| Endosulfan II | 29 | 4.0 | 33.3 | 0 | 87 | 50 | 150 | 0 | | | |
| Endosulfan sulfate | 26 | 4.0 | 33.3 | 0 | 78 | 50 | 150 | 0 | | | |
| Endrin | 32 | 4.0 | 33.3 | 0 | 96 | 50 | 150 | 0 | | | |
| Endrin aldehyde | 29 | 4.0 | 33.3 | 0 | 87 | 50 | 150 | 0 | | | |
| Endrin ketone | 27 | 4.0 | 33.3 | 0 | 81 | 50 | 150 | 0 | | | |
| gamma-BHC | 29 | 2.0 | 33.3 | 0 | 87 | 50 | 150 | 0 | | | |
| gamma-Chlordane | 28 | 4.0 | 33.3 | 0 | 84 | 50 | 150 | 0 | | | |
| Heptachlor | 29 | 2.0 | 33.3 | 0 | 87 | 50 | 150 | 0 | | | |
| Heptachlor epoxide | 29 | 2.0 | 33.3 | 0 | 87 | 50 | 150 | 0 | | | |
| Methoxychlor | 30 | 17 | 33.3 | 0 | 90 | 50 | 150 | 0 | | | |

Sample ID **LCS-5551** Batch ID: **5551** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **8/27/01** Prep Date: **8/27/01**

LCS SeqNo: **177492**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1016 | 300 | 33 | 333.3 | 0 | 90 | 50 | 150 | 0 | | | |
| Aroclor 1260 | 290 | 33 | 333.3 | 0 | 87 | 50 | 150 | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
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B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-5551** Batch ID: **5551** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **8/29/01** Prep Date: **8/27/01**

LCS SeqNo: **179098**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1016 | 310 | 33 | 333.3 | 0 | 93 | 50 | 150 | 0 | | | |
| Aroclor 1260 | 310 | 33 | 333.3 | 0 | 93 | 50 | 150 | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
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M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **010827LCSS1** Batch ID: **P01VOCS156** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **8/27/01** Prep Date:

LCS SeqNo: **177475**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 110 | 5.0 | 100 | 0 | 113 | 30 | 150 | 0 | | | |
| 1,1,2,2-Tetrachloroethane | 120 | 5.0 | 100 | 0 | 115 | 30 | 150 | 0 | | | |
| 1,1,2-Trichloroethane | 120 | 5.0 | 100 | 0 | 122 | 30 | 150 | 0 | | | |
| 1,1-Dichloroethane | 110 | 5.0 | 100 | 0 | 109 | 30 | 150 | 0 | | | |
| 1,1-Dichloroethene | 110 | 5.0 | 100 | 0 | 108 | 30 | 150 | 0 | | | |
| 1,2-Dichlorobenzene | 120 | 5.0 | 100 | 0 | 117 | 30 | 150 | 0 | | | |
| 1,2-Dichloroethane | 110 | 5.0 | 100 | 0 | 106 | 30 | 150 | 0 | | | |
| 1,2-Dichloropropane | 120 | 5.0 | 100 | 0 | 119 | 30 | 150 | 0 | | | |
| 1,3-Dichlorobenzene | 120 | 5.0 | 100 | 0 | 118 | 30 | 150 | 0 | | | |
| 1,4-Dichlorobenzene | 120 | 5.0 | 100 | 0 | 116 | 30 | 150 | 0 | | | |
| Benzene | 120 | 5.0 | 100 | 0 | 120 | 30 | 150 | 0 | | | |
| Bromodichloromethane | 120 | 5.0 | 100 | 0 | 117 | 30 | 150 | 0 | | | |
| Bromoform | 120 | 5.0 | 100 | 0 | 123 | 30 | 150 | 0 | | | |
| Bromomethane | 120 | 5.0 | 100 | 0 | 117 | 30 | 150 | 0 | | | |
| Carbon tetrachloride | 110 | 5.0 | 100 | 0 | 115 | 30 | 150 | 0 | | | |
| Chlorobenzene | 120 | 5.0 | 100 | 0 | 115 | 30 | 150 | 0 | | | |
| Chloroethane | 100 | 5.0 | 100 | 0 | 103 | 30 | 150 | 0 | | | |
| Chloroform | 110 | 5.0 | 100 | 0 | 109 | 30 | 150 | 0 | | | |
| Chloromethane | 110 | 5.0 | 100 | 0 | 105 | 30 | 150 | 0 | | | |
| cis-1,3-Dichloropropene | 120 | 5.0 | 100 | 0 | 124 | 30 | 150 | 0 | | | |
| Ethylbenzene | 120 | 5.0 | 100 | 0 | 117 | 30 | 150 | 0 | | | |
| m,p-Xylene | 230 | 5.0 | 200 | 0 | 116 | 30 | 150 | 0 | | | |
| Methylene chloride | 110 | 5.0 | 100 | 0 | 109 | 30 | 150 | 0 | | | |
| o-Xylene | 120 | 5.0 | 100 | 0 | 116 | 30 | 150 | 0 | | | |
| Tetrachloroethene | 120 | 5.0 | 100 | 0 | 122 | 30 | 150 | 0 | | | |
| Toluene | 120 | 5.0 | 100 | 0 | 122 | 30 | 150 | 0 | | | |
| trans-1,2-Dichloroethene | 110 | 5.0 | 100 | 0 | 109 | 30 | 150 | 0 | | | |

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DO - Surrogate Diluted Out

Initials: _____



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Laboratory Control Spike - generic

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Trichloroethene | 120 | 5.0 | 100 | 0 | 123 | 30 | 150 | 0 |
| Trichlorofluoromethane | 100 | 5.0 | 100 | 0 | 102 | 30 | 150 | 0 |
| Vinyl chloride | 100 | 5.0 | 100 | 0 | 103 | 30 | 150 | 0 |

Qualifiers: ND - Not Detected at the Reporting Limit
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DO - Surrogate Diluted Out

Initials: _____



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-5550** Batch ID: **5550** Test Name **SEMIVOLATILE ORGANIC COMPOUNDS BY G** Units **µg/Kg** Analysis Date: **8/27/01** Prep Date: **8/27/01**

LCS SeqNo: **177648**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trichlorobenzene | 2100 | 330 | 3330 | 0 | 64 | 35 | 140 | 0 | | | |
| 1,2-Dichlorobenzene | 2000 | 330 | 3330 | 0 | 59 | 35 | 140 | 0 | | | |
| 1,3-Dichlorobenzene | 1900 | 330 | 3330 | 0 | 56 | 35 | 140 | 0 | | | |
| 1,4-Dichlorobenzene | 2000 | 330 | 3330 | 0 | 59 | 35 | 140 | 0 | | | |
| 2,4,6-Trichlorophenol | 2600 | 330 | 3330 | 0 | 78 | 30 | 130 | 0 | | | |
| 2,4-Dichlorophenol | 2500 | 1600 | 3330 | 0 | 74 | 30 | 130 | 0 | | | |
| 2,4-Dimethylphenol | 2300 | 330 | 3330 | 0 | 68 | 30 | 130 | 0 | | | |
| 2,4-Dinitrophenol | 2600 | 1600 | 3330 | 0 | 79 | 30 | 130 | 0 | | | |
| 2,4-Dinitrotoluene | 2700 | 330 | 3330 | 0 | 82 | 35 | 140 | 0 | | | |
| 2,6-Dinitrotoluene | 2800 | 330 | 3330 | 0 | 83 | 35 | 140 | 0 | | | |
| 2-Chloronaphthalene | 2300 | 330 | 3330 | 0 | 70 | 35 | 140 | 0 | | | |
| 2-Chlorophenol | 2200 | 330 | 3330 | 0 | 65 | 30 | 130 | 0 | | | |
| 2-Nitrophenol | 2200 | 330 | 3330 | 0 | 67 | 30 | 130 | 0 | | | |
| 3,3'-Dichlorobenzidine | 2400 | 660 | 3330 | 0 | 73 | 35 | 140 | 0 | | | |
| 4,6-Dinitro-2-methylphenol | 2600 | 1600 | 3330 | 0 | 78 | 30 | 130 | 0 | | | |
| 4-Bromophenyl-phenylether | 2900 | 330 | 3330 | 0 | 87 | 35 | 140 | 0 | | | |
| 4-Chloro-3-methylphenol | 2700 | 660 | 3330 | 0 | 80 | 30 | 130 | 0 | | | |
| 4-Chlorophenyl-phenylether | 2500 | 330 | 3330 | 0 | 76 | 35 | 140 | 0 | | | |
| 4-Nitrophenol | 3000 | 1600 | 3330 | 0 | 89 | 30 | 130 | 0 | | | |
| Acenaphthene | 2400 | 330 | 3330 | 0 | 74 | 35 | 140 | 0 | | | |
| Acenaphthylene | 2500 | 330 | 3330 | 0 | 75 | 35 | 140 | 0 | | | |
| Anthracene | 2700 | 330 | 3330 | 0 | 80 | 35 | 140 | 0 | | | |
| Benzidine (M) | 2000 | 1600 | 3330 | 0 | 45 | 0 | 0 | 0 | | | JS |
| Benzo(a)anthracene | 2700 | 330 | 3330 | 0 | 81 | 35 | 140 | 0 | | | |
| Benzo(a)pyrene | 2700 | 330 | 3330 | 0 | 81 | 35 | 140 | 0 | | | |
| Benzo(b)fluoranthene | 2700 | 330 | 3330 | 0 | 80 | 35 | 140 | 0 | | | |
| Benzo(g,h,i)perylene | 2600 | 330 | 3330 | 0 | 79 | 35 | 140 | 0 | | | |

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DO - Surrogate Diluted Out

Initials: _____



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Laboratory Control Spike - generic

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Benzo(k)fluoranthene | 2700 | 330 | 3330 | 0 | 81 | 35 | 140 | 0 |
| Benzoic acid | 2500 | 1600 | 3330 | 0 | 75 | 30 | 130 | 0 |
| Benzyl alcohol | 2100 | 660 | 3330 | 0 | 63 | 40 | 130 | 0 |
| Bis(2-chloroethoxy)methane | 2200 | 330 | 3330 | 0 | 67 | 35 | 140 | 0 |
| Bis(2-chloroethyl)ether | 2100 | 330 | 3330 | 0 | 64 | 35 | 140 | 0 |
| Bis(2-chloroisopropyl)ether | 2100 | 330 | 3330 | 0 | 62 | 35 | 140 | 0 |
| Bis(2-ethylhexyl)phthalate | 2600 | 330 | 3330 | 0 | 78 | 35 | 140 | 0 |
| Butylbenzylphthalate | 2500 | 330 | 3330 | 0 | 76 | 35 | 140 | 0 |
| Chrysene | 2500 | 330 | 3330 | 0 | 76 | 35 | 140 | 0 |
| Di-n-butylphthalate | 2600 | 330 | 3330 | 0 | 78 | 35 | 140 | 0 |
| Di-n-octylphthalate | 2600 | 330 | 3330 | 0 | 79 | 35 | 140 | 0 |
| Dibenz(a,h)anthracene | 2800 | 330 | 3330 | 0 | 84 | 35 | 140 | 0 |
| Diethylphthalate | 2700 | 330 | 3330 | 0 | 81 | 35 | 140 | 0 |
| Dimethylphthalate | 2600 | 330 | 3330 | 0 | 79 | 35 | 140 | 0 |
| Fluoranthene | 2700 | 330 | 3330 | 0 | 81 | 35 | 140 | 0 |
| Fluorene | 2600 | 330 | 3330 | 0 | 78 | 35 | 140 | 0 |
| Hexachlorobenzene | 2600 | 330 | 3330 | 0 | 78 | 35 | 140 | 0 |
| Hexachlorobutadiene | 1900 | 660 | 3330 | 0 | 58 | 30 | 130 | 0 |
| Hexachlorocyclopentadiene | 1900 | 660 | 3330 | 0 | 58 | 30 | 130 | 0 |
| Hexachloroethane | 1900 | 330 | 3330 | 0 | 58 | 35 | 140 | 0 |
| Indeno(1,2,3-cd)pyrene | 2700 | 330 | 3330 | 0 | 81 | 35 | 140 | 0 |
| Isophorone | 2300 | 330 | 3330 | 0 | 69 | 35 | 140 | 0 |
| N-Nitrosodi-n-propylamine | 2300 | 330 | 3330 | 0 | 68 | 35 | 140 | 0 |
| N-Nitrosodiphenylamine | 2500 | 330 | 3330 | 0 | 77 | 35 | 140 | 0 |
| Naphthalene | 2200 | 330 | 3330 | 0 | 66 | 35 | 140 | 0 |
| Nitrobenzene | 2200 | 330 | 3330 | 0 | 66 | 35 | 140 | 0 |
| Pentachlorophenol | 2800 | 1600 | 3330 | 0 | 84 | 30 | 130 | 0 |
| Phenanthrene | 2700 | 330 | 3330 | 0 | 80 | 35 | 140 | 0 |
| Phenol | 2200 | 330 | 3330 | 0 | 67 | 30 | 130 | 0 |
| Pyrene | 2700 | 330 | 3330 | 0 | 81 | 35 | 140 | 0 |

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M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____



**All calculations are based on raw values.**

# Advanced Technology Laboratories

**Print Date:** *9/10/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T1-1 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-002A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **WET DI/ EPA 6010B** | | |
| RunID: **ICP2_010910A** BatchID: **5673** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Arsenic | 1.4 | 1.0 | | mg/L | 10 | 9/10/01 |
| **ICP METALS** | | | | **WET/ EPA 6010B** | | |
| RunID: **ICP2_010910C** BatchID: **5675** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Arsenic | 12 | 1.0 | | mg/L | 10 | 9/10/01 |

**Qualifiers:**

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H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:_____

# Advanced Technology Laboratories

**Print Date:** *9/10/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T1-2 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-003A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **WET DI/ EPA 6010B** | | |
| RunID: **ICP2_010910A** BatchID: **5673** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Arsenic | 1.4 | 1.0 | | mg/L | 10 | 9/10/01 |
| **ICP METALS** | | | | **WET/ EPA 6010B** | | |
| RunID: **ICP2_010910C** BatchID: **5675** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Arsenic | 5.2 | 1.0 | | mg/L | 10 | 9/10/01 |

**Qualifiers:**

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B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:_____

# Advanced Technology Laboratories

**Print Date:** *9/10/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T3-1 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-008A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **WET DI/ EPA 6010B** | | |
| RunID: **ICP2_010910A** BatchID: **5673** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Arsenic | 1.2 | 1.0 | | mg/L | 10 | 9/10/01 |
| **ICP METALS** | | | | **WET/ EPA 6010B** | | |
| RunID: **ICP2_010910C** BatchID: **5675** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Arsenic | 4.8 | 1.0 | | mg/L | 10 | 9/10/01 |

**Qualifiers:**

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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:_____

# Advanced Technology Laboratories

**Print Date:** *9/10/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | SD BOX #1 SOIL |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-012A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **WET DI/ EPA 6010B** | | |
| RunID: **ICP2_010910A** BatchID: **5673** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Lead | ND | 1.0 | | mg/L | 10 | 9/10/01 |
| **ICP METALS** | | | | **WET/ EPA 6010B** | | |
| RunID: **ICP2_010910C** BatchID: **5675** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Lead | 2.2 | 1.0 | | mg/L | 10 | 9/10/01 |

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S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:_____

# Advanced Technology Laboratories

**Print Date:** *9/10/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T4-1 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-015A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **WET DI/ EPA 6010B** | | |
| RunID: **ICP2_010910A** BatchID: **5673** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Arsenic | ND | 1.0 | | mg/L | 10 | 9/10/01 |
| **ICP METALS** | | | | **WET/ EPA 6010B** | | |
| RunID: **ICP2_010910C** BatchID: **5675** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Arsenic | 7.1 | 1.0 | | mg/L | 10 | 9/10/01 |

**Qualifiers:**

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S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:_____

# Advanced Technology Laboratories

**Print Date:** *9/10/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T4-2 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-016A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **WET DI/ EPA 6010B** | | |
| RunID: **ICP2_010910A** BatchID: **5673** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Arsenic | 1.3 | 1.0 | | mg/L | 10 | 9/10/01 |
| **ICP METALS** | | | | **WET/ EPA 6010B** | | |
| RunID: **ICP2_010910C** BatchID: **5675** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Arsenic | 4.7 | 1.0 | | mg/L | 10 | 9/10/01 |

**Qualifiers:**

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S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:_____

# Advanced Technology Laboratories

**Print Date:** *9/10/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | S3-0 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-018A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **WET DI/ EPA 6010B** | | |
| RunID: **ICP2_010910A** BatchID: **5673** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Lead | ND | 1.0 | | mg/L | 10 | 9/10/01 |
| **ICP METALS** | | | | **WET/ EPA 6010B** | | |
| RunID: **ICP2_010910C** BatchID: **5675** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Lead | 1.4 | 1.0 | | mg/L | 10 | 9/10/01 |

**Qualifiers:**

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H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored, Highly Reactive

Initials: ____

# Advanced Technology Laboratories

**Print Date:** *9/10/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T5-.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-020A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **WET DI/ EPA 6010B** | | |
| RunID: **ICP2_010910A** BatchID: **5673** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Vanadium | ND | 1.0 | | mg/L | 10 | 9/10/01 |
| **ICP METALS** | | | | **WET/ EPA 6010B** | | |
| RunID: **ICP2_010910C** BatchID: **5675** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Vanadium | 11 | 1.0 | | mg/L | 10 | 9/10/01 |

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H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

# Advanced Technology Laboratories

**Print Date:** *9/10/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T5-2 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-022A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **WET DI/ EPA 6010B** | | |
| RunID: **ICP2_010910A** BatchID: **5673** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Arsenic | 1.2 | 1.0 | | mg/L | 10 | 9/10/01 |
| **ICP METALS** | | | | **WET/ EPA 6010B** | | |
| RunID: **ICP2_010910C** BatchID: **5675** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Arsenic | 4.2 | 1.0 | | mg/L | 10 | 9/10/01 |

**Qualifiers:**

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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored, Highly Reactive

Initials:_____

# Advanced Technology Laboratories

**Print Date:** *9/10/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T6-1 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-025A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **WET DI/ EPA 6010B** | | | |
| RunID: **ICP2_010910A** BatchID: **5673** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Arsenic | ND | 1.0 | | mg/L | 10 | 9/10/01 |
| **ICP METALS** | | | **WET/ EPA 6010B** | | | |
| RunID: **ICP2_010910C** BatchID: **5675** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Arsenic | 3.7 | 1.0 | | mg/L | 10 | 9/10/01 |

**Qualifiers:**

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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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# Advanced Technology Laboratories

**Print Date:** *9/10/01*

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|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | RET WALL #1 SOIL |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-030A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **WET DI/ EPA 6010B** | | |
| RunID: **ICP2_010910A** BatchID: **5673** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Lead | ND | 1.0 | | mg/L | 10 | 9/10/01 |
| **ICP METALS** | | | | **WET/ EPA 6010B** | | |
| RunID: **ICP2_010910C** BatchID: **5675** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Lead | 9.5 | 1.0 | | mg/L | 10 | 9/10/01 |

**Qualifiers:**

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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:

# Advanced Technology Laboratories

**Print Date:** *9/10/01*

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|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T7-.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-031A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **WET DI/ EPA 6010B** | | |
| RunID: **ICP2_010910A** BatchID: **5673** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Copper | ND | 1.0 | | mg/L | 10 | 9/10/01 |
| Lead | ND | 1.0 | | mg/L | 10 | 9/10/01 |
| **ICP METALS** | | | | **WET/ EPA 6010B** | | |
| RunID: **ICP2_010910C** BatchID: **5675** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Copper | 25 | 1.0 | | mg/L | 10 | 9/10/01 |
| Lead | 6.1 | 1.0 | | mg/L | 10 | 9/10/01 |

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E - Value above quantitation range
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# Advanced Technology Laboratories

**Print Date:** *9/10/01*

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|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T8-STK |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-036A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **WET DI/ EPA 6010B** | | | |
| RunID: **ICP2_010910A** BatchID: **5673** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Barium | ND | 1.0 | | mg/L | 10 | 9/10/01 |
| **ICP METALS** | | | **WET/ EPA 6010B** | | | |
| RunID: **ICP2_010910C** BatchID: **5675** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Barium | 11 | 1.0 | | mg/L | 10 | 9/10/01 |
| **HEXAVALENT CHROMIUM** | | | **EPA 7196A** | | | |
| RunID: **WETCHEM3_01090** BatchID: **R11588** | | | | PrepDate: **9/5/01** | | Analyst: **CC** |
| Chromium, Hexavalent | 0.18 | 0.10 | | mg/Kg | 1.0 | 9/5/01 |

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H - Samples exceeding analytical holding time
E - Value above quantitation range
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# Advanced Technology Laboratories

**Print Date:** *9/10/01*

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|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T8-5.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-037A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **WET DI/ EPA 6010B** | | |
| RunID: **ICP2_010910A** BatchID: **5673** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Lead | ND | 1.0 | | mg/L | 10 | 9/10/01 |
| **ICP METALS** | | | | **WET/ EPA 6010B** | | |
| RunID: **ICP2_010910C** BatchID: **5675** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Lead | 74 | 1.0 | | mg/L | 10 | 9/10/01 |

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H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:____

# Advanced Technology Laboratories

**Print Date:** *9/10/01*

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|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T8-7 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-038A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **WET DI/ EPA 6010B** | | |
| RunID: **ICP2_010910A** BatchID: **5673** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Lead | ND | 1.0 | | mg/L | 10 | 9/10/01 |
| **ICP METALS** | | | | **WET/ EPA 6010B** | | |
| RunID: **ICP2_010910C** BatchID: **5675** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Lead | ND | 1.0 | | mg/L | 10 | 9/10/01 |

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H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored, Highly Reactive

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# Advanced Technology Laboratories

**Print Date:** *9/10/01*

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|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T12-.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-043A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **WET DI/ EPA 6010B** | | |
| RunID: **ICP2_010910A** BatchID: **5673** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Copper | ND | 1.0 | | mg/L | 10 | 9/10/01 |
| Lead | ND | 1.0 | | mg/L | 10 | 9/10/01 |
| **ICP METALS** | | | | **WET/ EPA 6010B** | | |
| RunID: **ICP2_010910C** BatchID: **5675** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Copper | ND | 1.0 | | mg/L | 10 | 9/10/01 |
| Lead | 5.2 | 1.0 | | mg/L | 10 | 9/10/01 |

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M - Not Monitored. Highly Reactive

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**Print Date:** *9/10/01*

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|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T15-.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-049A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **WET DI/ EPA 6010B** | | |
| RunID: **ICP2_010910A** BatchID: **5673** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Arsenic | ND | 1.0 | | mg/L | 10 | 9/10/01 |
| Lead | ND | 1.0 | | mg/L | 10 | 9/10/01 |
| **ICP METALS** | | | | **WET/ EPA 6010B** | | |
| RunID: **ICP2_010910C** BatchID: **5675** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Arsenic | 3.7 | 1.0 | | mg/L | 10 | 9/10/01 |
| Lead | 1.0 | 1.0 | | mg/L | 10 | 9/10/01 |

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E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:_____

# Advanced Technology Laboratories

**Print Date:** *9/10/01*

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|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T16-.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-052A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **WET DI/ EPA 6010B** | | | |
| RunID: **ICP2_010910A** BatchID: **5673** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Vanadium | ND | 1.0 | | mg/L | 10 | 9/10/01 |
| **ICP METALS** | | | **WET/ EPA 6010B** | | | |
| RunID: **ICP2_010910C** BatchID: **5675** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Vanadium | 7.5 | 1.0 | | mg/L | 10 | 9/10/01 |
| **HEXAVALENT CHROMIUM** | | | **EPA 7196A** | | | |
| RunID: **WETCHEM3_01090** BatchID: **R11588** | | | | PrepDate: **9/5/01** | | Analyst: **CC** |
| Chromium, Hexavalent | ND | 0.10 | | mg/Kg | 1.0 | 9/5/01 |

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DO - Surrogate Diluted Out
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H - Samples exceeding analytical holding time
E - Value above quantitation range
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# Advanced Technology Laboratories

**Print Date:** *9/10/01*

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|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T19-.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-057A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **WET DI/ EPA 6010B** | | |
| RunID: **ICP2_010910A** BatchID: **5673** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Lead | ND | 1.0 | | mg/L | 10 | 9/10/01 |
| **ICP METALS** | | | | **WET/ EPA 6010B** | | |
| RunID: **ICP2_010910C** BatchID: **5675** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Lead | 2.5 | 1.0 | | mg/L | 10 | 9/10/01 |

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H - Samples exceeding analytical holding time
E - Value above quantitation range
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Initials:_____

# Advanced Technology Laboratories

**Print Date:** *9/10/01*

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|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T24-.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-064A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **WET DI/ EPA 6010B** | | | |
| RunID: **ICP2_010910A** BatchID: **5673** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Arsenic | ND | 1.0 | | mg/L | 10 | 9/10/01 |
| Copper | ND | 1.0 | | mg/L | 10 | 9/10/01 |
| Lead | ND | 1.0 | | mg/L | 10 | 9/10/01 |
| **ICP METALS** | | | **WET/ EPA 6010B** | | | |
| RunID: **ICP2_010910C** BatchID: **5675** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Arsenic | ND | 1.0 | | mg/L | 10 | 9/10/01 |
| Copper | ND | 1.0 | | mg/L | 10 | 9/10/01 |
| Lead | ND | 1.0 | | mg/L | 10 | 9/10/01 |

**Qualifiers:**

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B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
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H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:_____

# Advanced Technology Laboratories

**Print Date:** *9/10/01*

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|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | S9-0 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-067A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **WET DI/ EPA 6010B** | | | |
| RunID: **ICP2_010910B** BatchID: **5674** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Lead | ND | 1.0 | | mg/L | 10 | 9/10/01 |
| **ICP METALS** | | | **WET/ EPA 6010B** | | | |
| RunID: **ICP2_010910D** BatchID: **5676** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Lead | 2.7 | 1.0 | | mg/L | 10 | 9/10/01 |

**Qualifiers:**

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H - Samples exceeding analytical holding time
E - Value above quantitation range
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# Advanced Technology Laboratories

**Print Date:** *9/10/01*

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|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | S10-0 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-068A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **WET DI/ EPA 6010B** | | | |
| RunID: **ICP2_010910B** BatchID: **5674** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Lead | ND | 1.0 | | mg/L | 10 | 9/10/01 |
| **ICP METALS** | | | **WET/ EPA 6010B** | | | |
| RunID: **ICP2_010910D** BatchID: **5676** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Lead | 8.2 | 1.0 | | mg/L | 10 | 9/10/01 |

**Qualifiers:**

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S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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# Advanced Technology Laboratories

**Print Date:** *9/10/01*

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|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T26-.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-072A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **WET DI/ EPA 6010B** | | |
| RunID: **ICP2_010910B** BatchID: **5674** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Vanadium | ND | 1.0 | | mg/L | 10 | 9/10/01 |
| **ICP METALS** | | | | **WET/ EPA 6010B** | | |
| RunID: **ICP2_010910D** BatchID: **5676** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Vanadium | 1.8 | 1.0 | | mg/L | 10 | 9/10/01 |

**Qualifiers:**

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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:_____

# Advanced Technology Laboratories

**Print Date:** *9/10/01*

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|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T30-.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-080A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **WET DI/ EPA 6010B** | | |
| RunID: **ICP2_010910B** BatchID: **5674** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Arsenic | ND | 1.0 | | mg/L | 10 | 9/10/01 |
| **ICP METALS** | | | | **WET/ EPA 6010B** | | |
| RunID: **ICP2_010910D** BatchID: **5676** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Arsenic | 2.8 | 1.0 | | mg/L | 10 | 9/10/01 |

**Qualifiers:**

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H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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# Advanced Technology Laboratories

**Print Date:** *9/10/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T31-.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-083A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **WET DI/ EPA 6010B** | | |
| RunID: **ICP2_010910B** BatchID: **5674** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Copper | ND | 1.0 | | mg/L | 10 | 9/10/01 |
| Lead | ND | 1.0 | | mg/L | 10 | 9/10/01 |
| **ICP METALS** | | | | **WET/ EPA 6010B** | | |
| RunID: **ICP2_010910D** BatchID: **5676** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Copper | ND | 1.0 | | mg/L | 10 | 9/10/01 |
| Lead | ND | 1.0 | | mg/L | 10 | 9/10/01 |

**Qualifiers:**

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B - Analyte detected in the associated Method Blank
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H - Samples exceeding analytical holding time
E - Value above quantitation range
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# Advanced Technology Laboratories

**Print Date:** *9/10/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T31-SLAG |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-086A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **WET DI/ EPA 6010B** | | |
| RunID: **ICP2_010910B** BatchID: **5674** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Copper | ND | 1.0 | | mg/L | 10 | 9/10/01 |
| **ICP METALS** | | | | **WET/ EPA 6010B** | | |
| RunID: **ICP2_010910D** BatchID: **5676** | | | | PrepDate: **9/7/01** | | Analyst: **RQ** |
| Copper | ND | 1.0 | | mg/L | 10 | 9/10/01 |

**Qualifiers:**

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:_____

Advanced Technology Laboratories

**Date:** *10-Sep-01*

**CLIENT:** Geocon Environmental
**Work Order:** 052729
**Project:** Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Method Blank

Sample ID **MB-5673** Batch ID: **5673** Test Name **ICP METALS** Units **mg/L** Analysis Date: **9/10/01** Prep Date: **9/7/01**
MBLK SeqNo: **182545**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.10 | | 0 | | | | 0 | | | |
| Barium | ND | 0.10 | | 0 | | | | 0 | | | |
| Copper | ND | 0.10 | | 0 | | | | 0 | | | |
| Lead | ND | 0.10 | | 0 | | | | 0 | | | |
| Vanadium | ND | 0.10 | | 0 | | | | 0 | | | |

Sample ID **MB-5673-DI** Batch ID: **5673** Test Name **ICP METALS** Units **mg/L** Analysis Date: **9/10/01** Prep Date: **9/7/01**
MBLK SeqNo: **182546**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.10 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Barium | ND | 0.10 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Copper | ND | 0.10 | 0 | 0 | 0 | 0 | 0 | 0 | | | J |
| Lead | ND | 0.10 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Vanadium | ND | 0.10 | 0 | 0 | 0 | 0 | 0 | 0 | | | |

Sample ID **MB-5674** Batch ID: **5674** Test Name **ICP METALS** Units **mg/L** Analysis Date: **9/10/01** Prep Date: **9/7/01**
MBLK SeqNo: **182570**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.10 | | 0 | | | | 0 | | | |
| Copper | ND | 0.10 | | 0 | | | | 0 | | | |
| Lead | ND | 0.10 | | 0 | | | | 0 | | | |
| Vanadium | ND | 0.10 | | 0 | | | | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

**Initials:** _____

**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Method Blank

Sample ID **MB-5674-DI** Batch ID: **5674** Test Name **ICP METALS** Units **mg/L** Analysis Date: **9/10/01** Prep Date: **9/7/01**

MBLK SeqNo: **182571**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.10 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Copper | ND | 0.10 | 0 | 0 | 0 | 0 | 0 | 0 | | | J |
| Lead | ND | 0.10 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Vanadium | ND | 0.10 | 0 | 0 | 0 | 0 | 0 | 0 | | | |

Sample ID **MB-5675** Batch ID: **5675** Test Name **ICP METALS** Units **mg/L** Analysis Date: **9/10/01** Prep Date: **9/7/01**

MBLK SeqNo: **182649**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.10 | | 0 | | | | 0 | | | |
| Barium | ND | 0.10 | | 0 | | | | 0 | | | |
| Copper | ND | 0.10 | | 0 | | | | 0 | | | |
| Lead | ND | 0.10 | | 0 | | | | 0 | | | |
| Vanadium | ND | 0.10 | | 0 | | | | 0 | | | |

Sample ID **MB-5675-STLC** Batch ID: **5675** Test Name **ICP METALS** Units **mg/L** Analysis Date: **9/10/01** Prep Date: **9/7/01**

MBLK SeqNo: **182650**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.10 | 0 | 0 | 0 | 0 | 0 | 0 | | | J |
| Barium | ND | 0.10 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Copper | ND | 0.10 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Lead | ND | 0.10 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Vanadium | ND | 0.10 | 0 | 0 | 0 | 0 | 0 | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Method Blank

Sample ID **MB-5676** Batch ID: **5676** Test Name **ICP METALS** Units **mg/L** Analysis Date: **9/10/01** Prep Date: **9/7/01**

MBLK SeqNo: **182837**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.10 | | 0 | | | | 0 | | | |
| Copper | ND | 0.10 | | 0 | | | | 0 | | | |
| Lead | ND | 0.10 | | 0 | | | | 0 | | | |
| Vanadium | ND | 0.10 | | 0 | | | | 0 | | | |

Sample ID **MB-5676-STLC** Batch ID: **5676** Test Name **ICP METALS** Units **mg/L** Analysis Date: **9/10/01** Prep Date: **9/7/01**

MBLK SeqNo: **182838**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | 0.10 | 0 | 0 | 0 | 0 | 0 | 0 | | | J |
| Copper | ND | 0.10 | 0 | 0 | 0 | 0 | 0 | 0 | | | J |
| Lead | ND | 0.10 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Vanadium | ND | 0.10 | 0 | 0 | 0 | 0 | 0 | 0 | | | |

Sample ID **MB-R11588** Batch ID: **R11588** Test Name **HEXAVALENT CHROMIUM** Units **mg/Kg** Analysis Date: **9/5/01** Prep Date: **9/5/01**

MBLK SeqNo: **181056**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent | ND | 0.10 | | 0 | | | | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____



**All calculations are based on raw values.**

Advanced Technology Laboratories

**Date:** *10-Sep-01*

**CLIENT:** Geocon Environmental
**Work Order:** 052729
**Project:** Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Sample Matrix Spike

Sample ID **052729-064AMS** Batch ID: **5673** Test Name **ICP METALS** Units **mg/L** Analysis Date: **9/10/01** Prep Date: **9/7/01**

MS SeqNo: **182568**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 28 | 1.0 | 25 | 0.037 | 110 | 67 | 114 | 0 | | | |
| Barium | 26 | 1.0 | 25 | 0.042 | 102 | 63 | 125 | 0 | | | |
| Copper | 26 | 1.0 | 25 | 0.051 | 104 | 72 | 123 | 0 | | | |
| Lead | 26 | 1.0 | 25 | 0 | 106 | 66 | 118 | 0 | | | |
| Vanadium | 26 | 1.0 | 25 | 0 | 104 | 69 | 118 | 0 | | | |

Sample ID **052729-064AMS** Batch ID: **5673** Test Name **ICP METALS** Units **mg/L** Analysis Date: **9/10/01** Prep Date: **9/7/01**

MSD SeqNo: **182569**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 28 | 1.0 | 25 | 0.037 | 110 | 67 | 114 | 28 | 1 | 20 | |
| Barium | 26 | 1.0 | 25 | 0.042 | 103 | 63 | 125 | 26 | 2 | 20 | |
| Copper | 26 | 1.0 | 25 | 0.051 | 104 | 72 | 123 | 26 | 0 | 20 | |
| Lead | 27 | 1.0 | 25 | 0 | 106 | 66 | 118 | 26 | 2 | 20 | |
| Vanadium | 26 | 1.0 | 25 | 0 | 104 | 69 | 118 | 26 | 0 | 20 | |

Sample ID **052729-086AMS** Batch ID: **5674** Test Name **ICP METALS** Units **mg/L** Analysis Date: **9/10/01** Prep Date: **9/7/01**

MS SeqNo: **182579**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 28 | 1.0 | 25 | 0.064 | 113 | 67 | 114 | 0 | | | |
| Copper | 26 | 1.0 | 25 | 0.044 | 105 | 72 | 123 | 0 | | | |
| Lead | 27 | 1.0 | 25 | 0 | 109 | 66 | 118 | 0 | | | |
| Vanadium | 26 | 1.0 | 25 | 0.0079 | 105 | 69 | 118 | 0 | | | |

**Qualifiers:**
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

**Initials:** _____



**All calculations are based on raw values.**

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

**CLIENT:** Geocon Environmental
**Work Order:** 052729
**Project:** Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

## Sample Matrix Spike Duplicate

Sample ID **052729-086AMS** Batch ID: **5674** Test Name **ICP METALS** Units **mg/L** Analysis Date: **9/10/01** Prep Date: **9/7/01**

MSD SeqNo: **182580**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 28 | 1.0 | 25 | 0.064 | 113 | 67 | 114 | 28 | 1 | 20 | |
| Copper | 26 | 1.0 | 25 | 0.044 | 105 | 72 | 123 | 26 | 2 | 20 | |
| Lead | 27 | 1.0 | 25 | 0 | 109 | 66 | 118 | 27 | 1 | 20 | |
| Vanadium | 26 | 1.0 | 25 | 0.0079 | 105 | 69 | 118 | 26 | 1 | 20 | |

Sample ID **052729-064AMS** Batch ID: **5675** Test Name **ICP METALS** Units **mg/L** Analysis Date: **9/10/01** Prep Date: **9/7/01**

MS SeqNo: **182672**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 23 | 1.0 | 25 | 0.9 | 89 | 67 | 114 | 0 | | | |
| Barium | 18 | 1.0 | 25 | 2 | 64 | 63 | 125 | 0 | | | |
| Copper | 20 | 1.0 | 25 | 0.061 | 80 | 72 | 123 | 0 | | | |
| Lead | 15 | 1.0 | 25 | 0.095 | 61 | 66 | 118 | 0 | | | S |
| Vanadium | 27 | 1.0 | 25 | 9.2 | 70 | 69 | 118 | 0 | | | |

Sample ID **052729-064AMS** Batch ID: **5675** Test Name **ICP METALS** Units **mg/L** Analysis Date: **9/10/01** Prep Date: **9/7/01**

MSD SeqNo: **182673**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 23 | 1.0 | 25 | 0.9 | 88 | 67 | 114 | 23 | 1 | 20 | |
| Barium | 18 | 1.0 | 25 | 2 | 64 | 63 | 125 | 18 | 1 | 20 | |
| Copper | 20 | 1.0 | 25 | 0.061 | 80 | 72 | 123 | 20 | 1 | 20 | |
| Lead | 15 | 1.0 | 25 | 0.095 | 61 | 66 | 118 | 15 | 3 | 20 | S |
| Vanadium | 26 | 1.0 | 25 | 9.2 | 69 | 69 | 118 | 27 | 2 | 20 | |

**Qualifiers:**
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

**Initials:** _____



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

## Sample Matrix Spike

Sample ID **052729-086AMS** Batch ID: **5676** Test Name **ICP METALS** Units **mg/L** Analysis Date: **9/10/01** Prep Date: **9/7/01**

MS SeqNo: **182846**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 25 | 1.0 | 25 | 1 | 98 | 67 | 114 | 0 | | | |
| Copper | 21 | 1.0 | 25 | 0.047 | 85 | 72 | 123 | 0 | | | |
| Lead | 20 | 1.0 | 25 | 1.4 | 74 | 66 | 118 | 0 | | | |
| Vanadium | 20 | 1.0 | 25 | 0.034 | 81 | 69 | 118 | 0 | | | |

Sample ID **052729-086AMS** Batch ID: **5676** Test Name **ICP METALS** Units **mg/L** Analysis Date: **9/10/01** Prep Date: **9/7/01**

MSD SeqNo: **182847**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 25 | 1.0 | 25 | 1 | 96 | 67 | 114 | 25 | 2 | 20 | |
| Copper | 21 | 1.0 | 25 | 0.047 | 85 | 72 | 123 | 21 | 2 | 20 | |
| Lead | 20 | 1.0 | 25 | 1.4 | 74 | 66 | 118 | 20 | 1 | 20 | |
| Vanadium | 20 | 1.0 | 25 | 0.034 | 80 | 69 | 118 | 20 | 1 | 20 | |

Sample ID **052729-052ams** Batch ID: **R11588** Test Name **HEXAVALENT CHROMIUM** Units **mg/Kg** Analysis Date: **9/5/01** Prep Date: **9/5/01**

MS SeqNo: **181060**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent | 4.6 | 0.10 | 5 | 0 | 92 | 50 | 150 | 0 | | | |

Sample ID **052729-052ams** Batch ID: **R11588** Test Name **HEXAVALENT CHROMIUM** Units **mg/Kg** Analysis Date: **9/5/01** Prep Date: **9/5/01**

MSD SeqNo: **181061**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent | 5.2 | 0.10 | 5 | 0 | 104 | 50 | 150 | 4.6 | 13 | 50 | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____



**All calculations are based on raw values.**

Advanced Technology Laboratories

**Date:** *10-Sep-01*

**CLIENT:** Geocon Environmental
**Work Order:** 052729
**Project:** Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-5673** Batch ID: **5673** Test Name **ICP METALS** Units **mg/L** Analysis Date: **9/10/01** Prep Date: **9/7/01**

LCS SeqNo: **182547**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 0.99 | 0.10 | 1 | 0 | 99 | 80 | 120 | 0 | | | |
| Barium | 0.95 | 0.10 | 1 | 0 | 95 | 80 | 120 | 0 | | | |
| Copper | 0.94 | 0.10 | 1 | 0 | 94 | 80 | 120 | 0 | | | |
| Lead | 0.91 | 0.10 | 1 | 0 | 91 | 80 | 120 | 0 | | | |
| Vanadium | 0.96 | 0.10 | 1 | 0 | 96 | 80 | 120 | 0 | | | |

Sample ID **LCS-5674** Batch ID: **5674** Test Name **ICP METALS** Units **mg/L** Analysis Date: **9/10/01** Prep Date: **9/7/01**

LCS SeqNo: **182572**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 0.96 | 0.10 | 1 | 0 | 96 | 80 | 120 | 0 | | | |
| Copper | 0.94 | 0.10 | 1 | 0 | 94 | 80 | 120 | 0 | | | |
| Lead | 0.89 | 0.10 | 1 | 0 | 89 | 80 | 120 | 0 | | | |
| Vanadium | 0.96 | 0.10 | 1 | 0 | 96 | 80 | 120 | 0 | | | |

Sample ID **LCS-5675** Batch ID: **5675** Test Name **ICP METALS** Units **mg/L** Analysis Date: **9/10/01** Prep Date: **9/7/01**

LCS SeqNo: **182651**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 0.98 | 0.10 | 1 | 0 | 98 | 80 | 120 | 0 | | | |
| Barium | 0.9 | 0.10 | 1 | 0 | 90 | 80 | 120 | 0 | | | |
| Copper | 0.93 | 0.10 | 1 | 0 | 93 | 80 | 120 | 0 | | | |
| Lead | 0.9 | 0.10 | 1 | 0 | 90 | 80 | 120 | 0 | | | |
| Vanadium | 0.96 | 0.10 | 1 | 0 | 96 | 80 | 120 | 0 | | | |

**Qualifiers:**
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

**Initials:** ____



**All calculations are based on raw values.**

CLIENT: Geocon Environmental
Work Order: 052729
Project: Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-5676** Batch ID: **5676** Test Name **ICP METALS** Units **mg/L** Analysis Date: **9/10/01** Prep Date: **9/7/01**

LCS SeqNo: **182839**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 0.97 | 0.10 | 1 | 0 | 97 | 80 | 120 | 0 | | | |
| Copper | 0.92 | 0.10 | 1 | 0.0015 | 92 | 80 | 120 | 0 | | | |
| Lead | 0.86 | 0.10 | 1 | 0 | 86 | 80 | 120 | 0 | | | |
| Vanadium | 0.94 | 0.10 | 1 | 0 | 94 | 80 | 120 | 0 | | | |

Sample ID **LCS-R11588** Batch ID: **R11588** Test Name **HEXAVALENT CHROMIUM** Units **mg/Kg** Analysis Date: **9/5/01** Prep Date: **9/5/01**

LCS SeqNo: **181057**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium, Hexavalent | 4.8 | 0.10 | 5 | 0 | 96 | 80 | 120 | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____



**All calculations are based on raw values.**

September 18, 2001

RECEIVED
SEP 2 0 2001
BY: GEOCON

John Juhrend
Geocon Environmental
11375 Sunrise Park Drive #100
Rancho Cordova, CA 95742
TEL: (916) 852-9118
FAX (916) 852-9132

ELAP No: 1838

RE: Greenway Trail - A8050-06-03

Work Order No.: 052729

Attention: John Juhrend

Enclosed are the results for sample(s) received on August 24, 2001 by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

This is a preliminary report that contains incomplete data or data that has not been fully validated. Caution should be exercised in the use of any data presented as final reported results may not reflect the values presented.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Edgar Caballero
Laboratory Director

This cover letter is an integral part of this analytical report.

D-TEK Analytical Laboratories, Inc.
9020 Kenamar Drive, Suite 205
San Diego, CA 92121
(858) 566-4540 FAX (858) 566-4542

ADVANCED TECHNOLOGY LABORATORIES
3275 Walnut Street
Signal Hill, CA 90807

Attn: Ms. Rachelle Arada

| | |
|---|---|
| Date of Report: | 9/7/01 |
| Sampling Date: | 8/23/01 |
| Date Sample Received: | 8/28/01 |
| Date Extracted: | 9/1/01 |
| Date Analyzed: | September 5, 2001 |
| Analyzed By: | EA |
| Method: | EPA 8151 |
| Sample Type: | Soils |
| Units: | µg/kg |
| Sample Log Number: | 01-4254 to 01-4264 |

The sample(s) were analyzed with EPA methodology or equivalent methods as specified on the attached "Analyses Results" report. The symbol for "less than" indicates a value below the reportable detection limit.

The results of these analyses and the quality control data are enclosed.

Ellen Atienza
Operations Manager

**D-TEK Analytical Laboratories, Inc.**
9020 Kenamar Drive, Suite 205
San Diego, CA 92121
(858) 566-4540 FAX (858) 566-4542

ADVANCED TECHNOLOGY LABORATORIES
**3275 Walnut Street**
**Signal Hill, CA 90807**

**Attn: Ms. Rachel Arada**

| | |
|---|---|
| **Date of Report:** | **9/7/01** |
| **Sampling Date:** | **8/23/01** |
| **Date Sample Received:** | **8/28/01** |
| **Date Extracted:** | **9/1/01** |
| **Date Analyzed:** | **September 7, 2001** |
| **Analyzed By:** | **EA** |
| **Sample Type:** | **Soil** |
| **Method:** | **EPA 8151** |
| **Units:** | **µg/kg** |

| ANALYSIS | Detection Limit | Log Number: Sample ID: | 01-4254 052729-004A | 01-4255 052729-013A |
|---|---|---|---|---|
| 2,4,5 - T | 1.2 | | <DL | <DL |
| 2,4, DB | 5.0 | | <DL | <DL |
| 2,4, - D | 1.1 | | <DL | <DL |
| 4 - Nitrophenol | 5.0 | | <DL | <DL |
| Dalapon | 0.5 | | <DL | <DL |
| Dicamba | 0.6 | | <DL | <DL |
| Dichloroprop | 0.8 | | <DL | <DL |
| Dinoseb | 1.1 | | <DL | <DL |
| MCPA | 200.0 | | <DL | <DL |
| MCPP | 150.0 | | <DL | <DL |
| Pentachlorophenol | 1.0 | | <DL | <DL |
| Picloram | 1.1 | | <DL | <DL |
| Silvex | 1.2 | | <DL | <DL |

**Ellen Atienza**
**Operations Manager**

D-TEK Analytical Laboratories, Inc.
9020 Kenamar Drive, Suite 205
San Diego, CA 92121
(858) 566-4540 FAX (858) 566-4542

ADVANCED TECHNOLOGY LABORATORIES
3275 Walnut Street
Signal Hill, CA 90807

Attn: Ms. Rachel Arada

| | |
|---|---|
| **Date of Report:** | 9/7/01 |
| **Sampling Date:** | 8/23/01 |
| **Date Sample Received:** | 8/28/01 |
| **Date Extracted:** | 9/1/01 |
| **Date Analyzed:** | September 7, 2001 |
| **Analyzed By:** | EA |
| **Sample Type:** | Soil |
| **Method:** | EPA 8151 |
| **Units:** | µg/kg |

| ANALYSIS | Detection Limit | Log Number: Sample ID: | 01-4256 052729-017A | 01-4257 052729-023A |
|---|---|---|---|---|
| 2,4,5 - T | 1.2 | | <DL | <DL |
| 2,4, DB | 5.0 | | <DL | <DL |
| 2,4, - D | 1.1 | | <DL | <DL |
| 4 - Nitrophenol | 5.0 | | <DL | <DL |
| Dalapon | 0.5 | | <DL | <DL |
| Dicamba | 0.6 | | <DL | <DL |
| Dichloroprop | 0.8 | | <DL | <DL |
| Dinoseb | 1.1 | | <DL | <DL |
| MCPA | 200.0 | | <DL | <DL |
| MCPP | 150.0 | | <DL | <DL |
| Pentachlorophenol | 1.0 | | <DL | <DL |
| Picloram | 1.1 | | <DL | <DL |
| Silvex | 1.2 | | <DL | <DL |

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**3275 Walnut Street**
**Signal Hill, CA 90807**

**Attn: Ms. Rachel Arada**

| | |
|---|---|
| **Date of Report:** | **9/7/01** |
| **Sampling Date:** | **8/23/01** |
| **Date Sample Received:** | **8/28/01** |
| **Date Extracted:** | **9/1/01** |
| **Date Analyzed:** | **September 7, 2001** |
| **Analyzed By:** | **EA** |
| **Sample Type:** | **Soil** |
| **Method:** | **EPA 8151** |
| **Units:** | **µg/kg** |

| ANALYSIS | Detection Limit | Log Number: Sample ID: | 01-4258 052729-027A | 01-4259 052729-028A |
|---|---|---|---|---|
| 2,4,5 - T | 1.2 | | <DL | <DL |
| 2,4, DB | 5.0 | | <DL | <DL |
| 2,4, - D | 1.1 | | <DL | <DL |
| 4 - Nitrophenol | 5.0 | | <DL | <DL |
| Dalapon | 0.5 | | <DL | <DL |
| Dicamba | 0.6 | | <DL | <DL |
| Dichloroprop | 0.8 | | <DL | <DL |
| Dinoseb | 1.1 | | <DL | <DL |
| MCPA | 200.0 | | <DL | <DL |
| MCPP | 150.0 | | <DL | <DL |
| Pentachlorophenol | 1.0 | | <DL | <DL |
| Picloram | 1.1 | | <DL | <DL |
| Silvex | 1.2 | | <DL | <DL |

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**3275 Walnut Street**
**Signal Hill, CA 90807**

**Attn: Ms. Rachel Arada**

| | |
|---|---|
| **Date of Report:** | **9/7/01** |
| **Sampling Date:** | **8/23/01** |
| **Date Sample Received:** | **8/28/01** |
| **Date Extracted:** | **9/1/01** |
| **Date Analyzed:** | **September 7, 2001** |
| **Analyzed By:** | **EA** |
| **Sample Type:** | **Soil** |
| **Method:** | **EPA 8151** |
| **Units:** | **µg/kg** |

| **ANALYSIS** | **Detection Limit** | **Log Number: Sample ID:** | **01-4260 052729-041A** | **01-4261 052729-046A** |
|---|---|---|---|---|
| 2,4,5 - T | 1.2 | | <DL | <DL |
| 2,4, DB | 5.0 | | <DL | <DL |
| 2,4, - D | 1.1 | | <DL | <DL |
| 4 - Nitrophenol | 5.0 | | <DL | <DL |
| Dalapon | 0.5 | | <DL | <DL |
| Dicamba | 0.6 | | <DL | <DL |
| Dichloroprop | 0.8 | | <DL | <DL |
| Dinoseb | 1.1 | | <DL | <DL |
| MCPA | 200.0 | | <DL | <DL |
| MCPP | 150.0 | | <DL | <DL |
| Pentachlorophenol | 1.0 | | <DL | <DL |
| Picloram | 1.1 | | <DL | <DL |
| Silvex | 1.2 | | <DL | <DL |

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ADVANCED TECHNOLOGY LABORATORIES
**3275 Walnut Street**
**Signal Hill, CA 90807**

**Attn: Ms. Rachel Arada**

| | |
|---|---|
| **Date of Report:** | **9/7/01** |
| **Sampling Date:** | **8/23/01** |
| **Date Sample Received:** | **8/28/01** |
| **Date Extracted:** | **9/1/01** |
| **Date Analyzed:** | **September 7, 2001** |
| **Analyzed By:** | **EA** |
| **Sample Type:** | **Soil** |
| **Method:** | **EPA 8151** |
| **Units:** | **µg/kg** |

| ANALYSIS | Detection Limit | Log Number: Sample ID: | 01-4262 052729-048A | 01-4263 052729-055A |
|---|---|---|---|---|
| 2,4,5 - T | 1.2 | | <DL | <DL |
| 2,4, DB | 5.0 | | <DL | <DL |
| 2,4, - D | 1.1 | | <DL | <DL |
| 4 - Nitrophenol | 5.0 | | <DL | <DL |
| Dalapon | 0.5 | | <DL | <DL |
| Dicamba | 0.6 | | <DL | <DL |
| Dichloroprop | 0.8 | | <DL | <DL |
| Dinoseb | 1.1 | | <DL | <DL |
| MCPA | 200.0 | | <DL | <DL |
| MCPP | 150.0 | | <DL | <DL |
| Pentachlorophenol | 1.0 | | <DL | <DL |
| Picloram | 1.1 | | <DL | <DL |
| Silvex | 1.2 | | <DL | <DL |

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**ADVANCED TECHNOLOGY LABORATORIES**
**3275 Walnut Street**
**Signal Hill, CA 90807**

**Attn: Ms. Rachelle Arada**

| | |
|---|---|
| **Date of Report:** | **9/7/01** |
| **Sampling Date:** | **8/23/01** |
| **Date Sample Received:** | **8/28/01** |
| **Date Extracted:** | **9/1/01** |
| **Date Analyzed:** | **September 7, 2001** |
| **Analyzed By:** | **EA** |
| **Method:** | **EPA 8151** |
| **Sample Type:** | **Soil** |
| **Units:** | **µg/kg** |

| | **Detection Limit** | **Log Number:** / **Sample ID:** | **01-4264** / **052729-075A** *DF |
|---|---|---|---|
| ANALYSIS | | | |
| 2,4,5 - T | 1.2 | | <DL |
| 2,4, DB | 5.0 | | <DL |
| 2,4, - D | 1.1 | | <DL |
| 4-Nitrophenol | 5.0 | | <DL |
| Dalapon | 0.5 | | <DL |
| Dicamba | 0.6 | | <DL |
| Dichloroprop | 0.8 | | <DL |
| Dinoseb | 1.1 | | <DL |
| MCPA | 200.0 | | <DL |
| MCPP | 150.0 | | <DL |
| Pentachlorophenol | 1.0 | | <DL |
| Silvex | 1.2 | | <DL |

**Ellen Atienza**
**Operations Manager**

* DF= Dilution Factor. The detection limits and analyses results were corrected accordingly.

**D-TEK Analytical Laboratories, Inc.**
9020 Kenamar Drive, Suite 205
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## QUALITY CONTROL DATA REPORT

| | |
|---|---|
| **Date:** | **9/7/01** |
| **Attn:** | **Ms. Rachelle Arada** |
| **Log #:** | **01-4254 to 01-4264** |
| **Date Extracted:** | **9/1/01** |
| **Date Analyzed:** | **September 7, 2001** |
| **Extraction Method:** | **EPA 8151** |
| **Analysis Method:** | **EPA 8151** |

### METHOD BLANK

**No target analytes were detected in the method blank.**

### LABORATORY CONTROL STANDARD

| Compound | % Recovery |
|---|---|
| 2,4-D | 112 |
| 2,4,5-TP (Silvex) | 110 |
| 2,4,5-T | 108 |

### Matrix Spike (01-4257)

| Compound | Spike % Recovery | Spike Dup. % Recovery | MS/MSD % RPD |
|---|---|---|---|
| 2,4-D | 73 | 74 | 1 |
| 2,4,5-TP (Silvex) | 93 | 80 | 15 |
| 2,4,5-T | 130 | 130 | 0 |

**QUALITY CONTROL TERMINOLOGY**

- **LCS - LABORATORY CONTROL SAMPLE.** Reported as % recovery of an independent standard carried through all sample preparation procedures to verify method performance. Acceptable range is based on historical laboratory control data and EPA requirements. Any out-of-control QC data is clearly indicated.
- **Spike-** environmental sample is matrix spiked with method compounds and % recovery of concentration spiked into sample is calculated. Reported as % recovery. Acceptable range for "Normal Matrix Sample" is based on historical laboratory control data. Any out-of-control QC data is clearly indicated.
- **Surrogates-** Compounds representative of a group of compounds. Surrogates are spiked into environmental samples and % recovery of concentration spiked is calculated and reported. Acceptable range varies depending on sample matrix and analysis method. Any out-of-control QC data is clearly indicated.

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**San Diego, CA 92121**
**(858) 566-4540 FAX (858) 566-4542**

## SURROGATE RECOVERIES
## (DCAA)

| Log # | Percent Recovery: |
|---|---|
| Method Blank | 105 |
| 01-4254 | 102 |
| 01-4255 | 73 |
| 01-4256 | 76 |
| 01-4257 | 10* |
| 01-4258 | 70 |
| 01-4259 | 67 |
| 01-4260 | 67 |
| 01-4261 | 77 |
| 01-4262 | 87 |
| 01-4263 | 85 |
| 01-4264 | 77 |
| LCS | 100 |

**QC Limits: 43 to 169%**

***Did not meet QC Limits, no corrective action taken.**

**Ellen Atienza**
**Operations Manager**

QUALITY CONTROL TERMINOLOGY

- **LCS - LABORATORY CONTROL SAMPLE.** Reported as % recovery of an independent standard carried through all sample preparation procedures to verify method performance. Acceptable range is based on historical laboratory control data and EPA requirements. Any out-of-control QC data is clearly indicated.
- **Spike-** environmental sample is matrix spiked with method compounds and % recovery of concentration spiked into sample is calculated. Reported as % recovery. Acceptable range for "Normal Matrix Sample" is based on historical laboratory control data. Any out-of-control QC data is clearly indicated.
- Surrogates- Compounds representative of a group of compounds. Surrogates are spiked into environmental samples and % recovery of concentration spiked is calculated and reported. Acceptable range varies depending on sample matrix and analysis method. Any out-of-control QC data is clearly indicated.

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San Diego, CA 92121
(858) 566-4540 FAX (858) 566-4542


## QUALITY CONTROL DATA REPORT

| | |
|---|---|
| **Date:** | **9/7/01** |
| **Attn:** | **Ms. Rachelle Arada** |
| **Log #:** | **01-4254 to 01-4264** |
| **Date Extracted:** | **9/1/01** |
| **Date Analyzed:** | **September 7, 2001** |
| **Extraction Method:** | **EPA 8151** |
| **Analysis Method:** | **EPA 8151** |

### METHOD BLANK

**No target analytes were detected in the method blank.**

### LABORATORY CONTROL STANDARD

| Compound | % Recovery |
|---|---|
| 2,4-D | 112 |
| 2,4,5-TP (Silvex) | 110 |
| 2,4,5-T | 108 |

### Matrix Spike (01-4257)

| Compound | Spike % Recovery | Spike Dup. % Recovery | MS/MSD % RPD |
|---|---|---|---|
| 2,4-D | 73 | 74 | 1 |
| 2,4,5-TP (Silvex) | 93 | 80 | 15 |
| 2,4,5-T | 130 | 130 | 0 |

QUALITY CONTROL TERMINOLOGY

- **LCS - LABORATORY CONTROL SAMPLE.** Reported as % recovery of an independent standard carried through all sample preparation procedures to verify method performance. Acceptable range is based on historical laboratory control data and EPA requirements. Any out-of-control QC data is clearly indicated.
- Spike- environmental sample is matrix spiked with method compounds and % recovery of concentration spiked into sample is calculated. Reported as % recovery. Acceptable range for "Normal Matrix Sample" is based on historical laboratory control data. Any out-of-control QC data is clearly indicated.
- Surrogates- Compounds representative of a group of compounds. Surrogates are spiked into environmental samples and % recovery of concentration spiked is calculated and reported. Acceptable range varies depending on sample matrix and analysis method. Any out-of-control QC data is clearly indicated.

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**San Diego, CA 92121**
**(858) 566-4540 FAX (858) 566-4542**

## SURROGATE RECOVERIES
## (DCAA)

| Log # | Percent Recovery: |
|---|---|
| Method Blank | 105 |
| 01-4254 | 102 |
| 01-4255 | 73 |
| 01-4256 | 76 |
| 01-4257 | 10* |
| 01-4258 | 70 |
| 01-4259 | 67 |
| 01-4260 | 67 |
| 01-4261 | 77 |
| 01-4262 | 87 |
| 01-4263 | 85 |
| 01-4264 | 77 |
| LCS | 100 |

**QC Limits: 43 to 169%**

***Did not meet QC Limits, no corrective action taken.**

**Ellen Atienza**
**Operations Manager**

QUALITY CONTROL TERMINOLOGY

- **LCS - LABORATORY CONTROL SAMPLE.** Reported as % recovery of an independent standard carried through all sample preparation procedures to verify method performance. Acceptable range is based on historical laboratory control data and EPA requirements. Any out-of-control QC data is clearly indicated.
- **Spike**- environmental sample is matrix spiked with method compounds and % recovery of concentration spiked into sample is calculated. Reported as % recovery. Acceptable range for "Normal Matrix Sample" is based on historical laboratory control data. Any out-of-control QC data is clearly indicated.
- **Surrogates**- Compounds representative of a group of compounds. Surrogates are spiked into environmental samples and % recovery of concentration spiked is calculated and reported. Acceptable range varies depending on sample matrix and analysis method. Any out-of-control QC data is clearly indicated.

Advanced Technology Laboratorie
3275 Walnut Street
Signal Hill, California 90807-
(562) 989-4045

# SUB CHAIN-OF-CUSTODY RECORD



Subcontractor:

D-Tek
9020 Kenamar Drive, Suite 205
San Diego, CA 92121

TEL: (858) 566-4540
FAX: (858) 566-4522

Acct #:

QClevel: RTNE

27-Aug-01

| Sample ID | Matrix | Collection Date | Bottle Type | Requested Tests | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | EPA 8151 | | | | | |
| 052729-004A \ T2-.5 | Soil | 8/23/01 | ZIPLOCK | 1 | 01- | 1224 | | | |
| 052729-013A \ S1-.5 | Soil | 8/23/01 | TUBE | 1 | 01- | 1225 | | | |
| 052729-017A \ S2-.5 | Soil | 8/23/01 | TUBE | 1 | 01- | 1226 | | | |
| 052729-023A \ S5-.5 | Soil | 8/23/01 | TUBE | 1 | 01- | 1227 | | | |
| 052729-027A \ S6-.5 | Soil | 8/23/01 | TUBE | 1 | 01- | 1228 | | | |
| 052729-028A \ S7-.5 | Soil | 8/23/01 | TUBE | 1 | 01- | 1229 | | | |
| 052729-041A \ S8-0 | Soil | 8/23/01 | TUBE | 1 | 01- | 1230 | | | |
| 052729-046A \ S9-0 | Soil | 8/23/01 | TUBE | 1 | 01- | 1231 | | | |
| 052729-048A \ T14-1 | Soil | 8/23/01 | TUBE | 1 | 01- | 1232 | | | |
| 052729-055A \ T17-1.5 | Soil | 8/23/01 | TUBE | 1 | 01- | 1233 | | | |
| 052729-075A \ T27-1 | Soil | 8/23/01 | TUBE | 1 | 01- | 1234 | | | |

Comments: Please use PO#: 21488 Please fax results by: Normal TAT

| | | Date/Time | | | Date/Time |
|---|---|---|---|---|---|
| Relinquished by: | [illegible] | [illegible] | Received by: | [illegible] | 8-28-01 [illegible] |
| Relinquished by: | [illegible] | 8/28/01 [illegible] | Received by: | [illegible] | 8/28/01 163[illegible] |

*Advanced Technology*
*Laboratories*

**3275 Walnut Avenue**
**Signal Hill CA 90807**
**(562) 989-4045 Phone**
**(562) 989-4040 Fax**

# Fax Transmittal Sheet

To: Geocon-RC / Attn: John Juhrend

From: Diane

RE: Results for 052729

---

Message:

Enclosed are the results for your Project Greenway Trail. Thank you very much for your business and we are looking forward to being of service to you.

---

This message is intended for the use of the individual or entity to which it is addressed. This may contain information that is privileged, confidential, and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return the original message to us at the above address. Thank you.

# Advanced Technology Laboratories

Print Date: *9/26/01*

CLIENT: Geocon Environmental
Lab Order: 052729
Project: Greenway Trail - A8050-06-03
Lab ID: 052729-049A

Client Sample ID: T15-.5
Collection Date: 8/23/01
Matrix: Soil

ICP METALS — EPA 6010B

RunID: ICP2_010926B BatchID: 5862 PrepDate: 9/26/01 Analyst: RQ

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| Antimony | 1.0 | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Antimony | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 60 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 36 | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Barium | 94 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 44 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Chromium | 9.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 2.5 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Cobalt | 6.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 6.5 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Copper | 380 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Copper | 140 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Iron | 19000 | 5.0 | | mg/Kg | 1.0 | 9/26/01 |
| Lead | 94 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 260 | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Molybdenum | 18 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 120 | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Nickel | 22 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 1.0 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Silver | 0.32 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | ND | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Vanadium | 22 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 8.5 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Zinc | 810 | 0.50 | | mg/Kg | 1.0 | 9/26/01 |
| Zinc | 440 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
R - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

# Advanced Technology Laboratories

Print Date: *9/26/01*

**CLIENT:** Geocon Environmental
**Lab Order:** 052729
**Project:** Greenway Trail - A8050-06-03
**Lab ID:** 052729-086A

**Client Sample ID:** T31-SLAG
**Collection Date:** 8/23/01
**Matrix:** Soil

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | | | |
| RunID: ICP2_010926B BatchID: 5862 | | EPA 6010B | | PrepDate: 9/26/01 | | Analyst: RQ |
| Antimony | 2.0 | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Antimony | 0.30 | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Arsenic | 2.0 | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Arsenic | 24 | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Barium | 9.5 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Barium | 100 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Chromium | 1.0 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Chromium | 0.38 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Cobalt | 12 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Cobalt | 10 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Copper | 480 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Copper | 300 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Iron | 21000 | 5.0 | | mg/Kg | 1.0 | 9/26/01 |
| Lead | 28 | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Lead | 200 | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Molybdenum | 5.0 | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Molybdenum | 30 | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Nickel | 5.0 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Nickel | 2.0 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Silver | 0.20 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Silver | 0.37 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Thallium | ND | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Thallium | ND | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Vanadium | 1.5 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Vanadium | 1.0 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Zinc | 390 | 0.50 | | mg/Kg | 1.0 | 9/26/01 |
| Zinc | 87 | 0.50 | | mg/Kg | 1.0 | 8/30/01 |

**Qualifiers:**
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

# Advanced Technology Laboratories

**Print Date:** *9/26/01*

**CLIENT:** Geocon Environmental
**Lab Order:** 052729
**Project:** Greenway Trail - A8050-06-03
**Lab ID:** 052729-052A

**Client Sample ID:** T16-.5
**Collection Date:** 8/23/01
**Matrix:** Soil

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | | | |
| RunID: ICP2_010926B BatchID: 5862 | | EPA 6010B | | PrepDate: 9/26/01 | | Analyst: RQ |
| Antimony | 2.5 | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Antimony | 1.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 18 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 15 | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Barium | 160 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 110 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Beryllium | 1.0 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Chromium | 200 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 450 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Cobalt | 1.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 4.0 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Copper | 17 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Copper | 12 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Iron | 120000 | 5.0 | | mg/Kg | 1.0 | 9/26/01 |
| Lead | 7.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 10 | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Molybdenum | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | ND | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Nickel | 7.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 8.0 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 2.5 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | ND | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Vanadium | 1000 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 2300 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Zinc | 30 | 0.50 | | mg/Kg | 1.0 | 9/26/01 |
| Zinc | 18 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |

Qualifiers:
ND - Not Detected at the Reporting Limit
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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ___



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# Advanced Technology Laboratories

Print Date: *9/26/01*

**CLIENT:** Geocon Environmental
**Lab Order:** 052729
**Project:** Greenway Trail - A8050-06-03
**Lab ID:** 052729-076A

**Client Sample ID:** T28-.5
**Collection Date:** 8/23/01
**Matrix:** Soil

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | | | |
| RunID: ICP2_010926B BatchID: 5862 | | EPA 6010B | | PrepDate: 9/26/01 | | Analyst: RQ |
| Antimony | 0.50 | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Antimony | 1.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 34 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 9.5 | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Barium | 130 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 84 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Chromium | 60 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 33 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Cobalt | 4.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 9.5 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Copper | 76 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Copper | 14 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Iron | 73000 | 5.0 | | mg/Kg | 1.0 | 9/26/01 |
| Lead | 42 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 14 | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Molybdenum | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 0.37 | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Nickel | 8.0 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 34 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 1.5 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | ND | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Vanadium | 130 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 120 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Zinc | 16 | 0.50 | | mg/Kg | 1.0 | 9/26/01 |
| Zinc | 340 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |

Qualifiers:
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Initials: _____

Subject: Lab ID 52729 RUSH

Diane -

Please re-analyze the following for metal scans under 48-hr rush (need Thursday afternoon):

ATL 52729 Geocon A8050-06-03

| | | |
|---|---|---|
| 049 | T15-.5 | CRUSH DARK SLAG ROCK SAMPLE & ANALYZE |
| 051 | T16-.5 | CRUSH LIGHT SLAG ROCK SAMPLE & ANALYZE |
| 076 | T28-.5 | CRUSH LIGHT SLAG ROCK SAMPLE & ANALYZE |
| 086 | T31 SLAG | CRUSH DARK SLAG ROCK SAMPLE & ANALYZE |

The light slag samples should be light grayish gravel size material with rust stained inclusions of iron. The dark slag is heavy dark brown gravel size material. Please confirm the material type before testing and confirm receipt of this e-mail. Thanks,

John

John E. Juhrend, PE, CEG
Geocon Consultants, Inc.
11375 Sunrise Park Drive, Suite 100
Rancho Cordova, CA 95742
916.852.9118 Tel
916.852.9132 Fax
juhrend@geoconinc.com

*Advanced Technology*
*Laboratories*

**3275 Walnut Avenue**
**Signal Hill CA 90807**
**(562) 989-4045 Phone**
**(562) 989-4040 Fax**

# Fax Transmittal Sheet

To: Geocon-RC / Attn: Rebecca

From: Diane

RE: Results for 053231

---

Message:

Enclosed are the results for your Project. Thank you very much for your business and we are looking forward to being of service to you.

---

This message is intended for the use of the individual or entity to which it is addressed. This may contain information that is privileged, confidential, and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return the original message to us at the above address. Thank you.

# Advanced Technology Laboratories

**Print Date:** *10/2/01*

**CLIENT:** CRL-Sacramento
**Lab Order:** 053231
**Project:**
**Lab ID:** 053231-001A

**Client Sample ID:** 10268-001/T3-TIEG
**Collection Date:**
**Matrix:** Digestate

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **EPA 6010B** | | |
| RunID: ICP2_011002C | BatchID: R12149 | | | PrepDate: | | Analyst: RQ |
| Arsenic | 10 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |
| Lead | 22 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |

**Qualifiers:**
ND - Not Detected at the Reporting Limit
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DO - Surrogate Diluted Out
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H - Samples exceeding analytical holding time
E - Value above quantitation range
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Initials: _____

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# Advanced Technology Laboratories

Print Date: *10/2/01*

**CLIENT:** CRL-Sacramento
**Lab Order:** 053231
**Project:**
**Lab ID:** 053231-002A

**Client Sample ID:** 10268-002/S1-.5
**Collection Date:**
**Matrix:** Digestate

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **EPA 6010B** | | |
| RunID: **ICP2_011002C** | BatchID: **R12149** | | | PrepDate: | | Analyst: **RQ** |
| Arsenic | 25 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |
| Lead | 16 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: [illegible]



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# Advanced Technology Laboratories

**Print Date:** *10/2/01*

**CLIENT:** CRL-Sacramento
**Lab Order:** 053231
**Project:**
**Lab ID:** 053231-003A

**Client Sample ID:** 10268-003/S2-.5
**Collection Date:**
**Matrix:** Digestate

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **EPA 6010B** | | |
| RunID: ICP2_011002C | BatchID: R12149 | | | PrepDate: | | Analyst: RQ |
| Arsenic | 8.0 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |
| Lead | 13 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |

**Qualifiers:**
ND - Not Detected at the Reporting Limit
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S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
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Initials: _____



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# Advanced Technology Laboratories

**Print Date:** *10/2/01*

**CLIENT:** CRL-Sacramento
**Client Sample ID:** 10268-004/S5-.5
**Lab Order:** 053231
**Project:**
**Collection Date:**
**Lab ID:** 053231-004A
**Matrix:** Digestate

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_011002C** | BatchID: **R12149** | | | PrepDate: | | Analyst: **RQ** |
| Arsenic | 7.5 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |
| Lead | 6.0 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
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S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: D



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# Advanced Technology Laboratories

**Print Date:** *10/2/01*

**CLIENT:** CRL-Sacramento
**Lab Order:** 053231
**Project:**
**Lab ID:** 053231-005A

**Client Sample ID:** 10268-005/S6-.5
**Collection Date:**
**Matrix:** Digestate

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | | | |
| RunID: ICP2_011002C | BatchID: R12149 | | EPA 6010B | PrepDate: | | Analyst: RQ |
| Arsenic | 12 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |
| Lead | 34 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |

Qualifiers:
ND - Not Detected at the Reporting Limit
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S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored, Highly Reactive

Initials: _____



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3275 Walnut Avenue

# Advanced Technology Laboratories

**Print Date:** *10/2/01*

**CLIENT:** CRL-Sacramento
**Client Sample ID:** 10268-006/S7-.5
**Lab Order:** 053231
**Project:**
**Collection Date:**
**Lab ID:** 053231-006A
**Matrix:** Digestate

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: ICP2_011002C | BatchID: R12149 | | PrepDate: | | | Analyst: RQ |
| Arsenic | 9.0 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |
| Lead | 66 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |

**Qualifiers:**
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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored, Highly Reactive

Initials: _____



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# Advanced Technology Laboratories

**Print Date:** *10/2/01*

**CLIENT:** CRL-Sacramento
**Lab Order:** 053231
**Project:**
**Lab ID:** 053231-007A

**Client Sample ID:** 10268-007/17-TIEG
**Collection Date:**
**Matrix:** Digestate

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | | | |
| RunID: ICP2_011002C BatchID: R12149 | | EPA 6010B | | PrepDate: | | Analyst: RQ |
| Arsenic | 46 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |
| Lead | 100 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored, Highly Reactive

Initials: _____



Advanced Technology Laboratories 3275 Walnut Avenue

## Advanced Technology Laboratories

**Print Date:** *10/2/01*

**CLIENT:** CRL-Sacramento
**Lab Order:** 053231
**Project:**
**Lab ID:** 053231-008A

**Client Sample ID:** 10268-008/T9-1
**Collection Date:**
**Matrix:** Digestate

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **EPA 6010B** | | |
| RunID: ICP2_011002C BatchID: R12149 | | | | PrepDate: | | Analyst: RQ |
| Arsenic | 9.5 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |
| Lead | 7.5 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____



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# Advanced Technology Laboratories

**Print Date:** *10/2/01*

**CLIENT:** CRL-Sacramento
**Client Sample ID:** 10268-009/T10-1
**Lab Order:** 053231
**Project:**
**Collection Date:**
**Lab ID:** 053231-009A
**Matrix:** Digestate

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **EPA 6010B** | | |
| RunID: **ICP2_011002C** BatchID: **R12149** | | | | PrepDate: | | Analyst: **RQ** |
| Arsenic | 7.0 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |
| Lead | 4.0 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

## Advanced Technology Laboratories

**Print Date:** *10/2/01*

**CLIENT:** CRL-Sacramento
**Client Sample ID:** 10268-010/S8-0
**Lab Order:** 053231
**Project:**
**Collection Date:**
**Lab ID:** 053231-010A
**Matrix:** Digestate

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: ICP2_011002C | BatchID: R12149 | | PrepDate: | | | Analyst: RQ |
| Arsenic | 6.5 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |
| Lead | 50 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored, Highly Reactive

Initials:



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# Advanced Technology Laboratories

**Print Date:** *10/2/01*

**CLIENT:** CRL-Sacramento
**Lab Order:** 053231
**Project:**
**Lab ID:** 053231-011A

**Client Sample ID:** 10268-011/T11-2
**Collection Date:**
**Matrix:** Digestate

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | | | |
| RunID: ICP2_011002C BatchID: R12149 | | EPA 6010B | | PrepDate: | | Analyst: RQ |
| Arsenic | 99 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |
| Lead | 4.0 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |

**Qualifiers:**
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

# Advanced Technology Laboratories

**Print Date:** *10/2/01*

**CLIENT:** CRL-Sacramento
**Lab Order:** 053231
**Project:**
**Lab ID:** 053231-012A

**Client Sample ID:** 10268-012/S9-0
**Collection Date:**
**Matrix:** Digestate

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **EPA 6010B** | | |
| RunID: ICP2_011002C | BatchID: R12149 | | | PrepDate: | | Analyst: RQ |
| Arsenic | 12 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |
| Lead | 150 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |

**Qualifiers:**
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored, Highly Reactive

Initials: _____



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## Advanced Technology Laboratories

**Print Date:** *10/2/01*

**CLIENT:** CRL-Sacramento
**Lab Order:** 053231
**Project:**
**Lab ID:** 053231-013A

**Client Sample ID:** 10268-013/T13-2
**Collection Date:**
**Matrix:** Digestate

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **EPA 6010B** | | |
| RunID: **ICP2_011002C** BatchID: **R12149** | | | | PrepDate: | | Analyst: **RQ** |
| Arsenic | 7.0 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |
| Lead | 4.0 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____



Advanced Technology Laboratories
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## Advanced Technology Laboratories

**Print Date:** *10/2/01*

**CLIENT:** CRL-Sacramento
**Client Sample ID:** 10268-014/T14-1
**Lab Order:** 053231
**Project:**
**Collection Date:**
**Lab ID:** 053231-014A
**Matrix:** Digestate

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **EPA 6010B** | | |
| RunID: ICP2_011002C | BatchID: R12149 | | | PrepDate: | | Analyst: RQ |
| Arsenic | 8.0 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |
| Lead | 5.0 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |

**Qualifiers:**
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____



Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

# Advanced Technology Laboratories

**Print Date:** *10/2/01*

**CLIENT:** CRL-Sacramento
**Lab Order:** 053231
**Project:**
**Lab ID:** 053231-015A

**Client Sample ID:** 10268-015/T17-1.5
**Collection Date:**
**Matrix:** Digestate

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | | | |
| RunID: ICP2_011002C BatchID: R12149 | | EPA 6010B | | PrepDate: | | Analyst: RQ |
| Arsenic | 36 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |
| Lead | 12 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |

**Qualifiers:**
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____



Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

# Advanced Technology Laboratories

**Print Date:** *10/2/01*

**CLIENT:** CRL-Sacramento
**Client Sample ID:** 10268-016/T18-1
**Lab Order:** 053231
**Project:**
**Collection Date:**
**Lab ID:** 053231-016A
**Matrix:** Digestate

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **EPA 6010B** | | |
| RunID: ICP2_011002C | BatchID: R12149 | | | PrepDate: | | Analyst: RQ |
| Arsenic | 22 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |
| Lead | 34 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored, Highly Reactive

Initials: _____



Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

# Advanced Technology Laboratories

Print Date: *10/2/01*

**CLIENT:** CRL-Sacramento
**Lab Order:** 053231
**Project:**
**Lab ID:** 053231-017A

**Client Sample ID:** 10268-017/T20-2
**Collection Date:**
**Matrix:** Digestate

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | | | |
| RunID: ICP2_011002C BatchID: R12149 | | EPA 6010B | | PrepDate: | | Analyst: RQ |
| Arsenic | 8.0 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |
| Lead | 15 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored, Highly Reactive

Initials: _____



*Advanced Technology Laboratories*
*3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562-989-4045*

# Advanced Technology Laboratories

**Print Date:** *10/2/01*

**CLIENT:** CRL-Sacramento
**Client Sample ID:** 10268-018/T22-2
**Lab Order:** 053231
**Project:**
**Collection Date:**
**Lab ID:** 053231-018A
**Matrix:** Digestate

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | **EPA 6010B** | | |
| RunID: ICP2_011002C | BatchID: R12149 | | | PrepDate: | | Analyst: RQ |
| Arsenic | 8.0 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |
| Lead | 3.5 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored, Highly Reactive

Initials: _____

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# Advanced Technology Laboratories

**Print Date:** *10/2/01*

**CLIENT:** CRL-Sacramento
**Lab Order:** 053231
**Project:**
**Lab ID:** 053231-019A

**Client Sample ID:** 10268-019/T23-1
**Collection Date:**
**Matrix:** Digestate

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | | | |
| RunID: ICP2_011002C BatchID: R12149 | | EPA 6010B | | PrepDate: | | Analyst: RQ |
| Arsenic | 16 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |
| Lead | 14 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |

**Qualifiers:**
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____



Advanced Technology Laboratories 3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

## Advanced Technology Laboratories

**Print Date:** *10/2/01*

**CLIENT:** CRL-Sacramento
**Lab Order:** 053231
**Project:**
**Lab ID:** 053231-020A

**Client Sample ID:** 10268-020/T27-1
**Collection Date:**
**Matrix:** Digestate

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | | | |
| RunID: ICP2_011002C BatchID: R12149 | | | EPA 6010B PrepDate: | | | Analyst: RQ |
| Arsenic | 9.0 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |
| Lead | 33 | 0.25 | | mg/Kg | 1.0 | 10/2/01 |

**Qualifiers:**
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____



*Advanced Technology Laboratories* 3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

# Advanced Technology Laboratories

**Print Date:** *10/2/01*

**CLIENT:** CRL-Sacramento
**Lab Order:** 053231
**Project:**
**Lab ID:** 053231-021A

**Client Sample ID:** 10268-021/T29-1
**Collection Date:**
**Matrix:** Digestate

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | | | | |
| RunID: ICP2_011002D BatchID: R12150 | | EPA 6010B | | PrepDate: | | Analyst: RQ |
| Arsenic | ND | 0.25 | | mg/Kg | 1.0 | 10/2/01 |
| Lead | ND | 0.25 | | mg/Kg | 1.0 | 10/2/01 |

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____



Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562-989-4045

# CHAIN OF CUSTODY RECORD



CRL Environmental Corporation
4630 Northgate Blvd., Suite 100
Sacramento, CA 95834
Tel: 916-925-1225 • Fax: 916-925-1215

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: 10/02/01 Time: 9 AM

Method of Transport: Walk-In ☐ Courier ☑ UPS ☐ FED. EXP ☐ CRL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☑
2. HEADSPACE (VOA) Y☑ N☐
3. CONTAINER INTACT Y☑ N☐
4. SEALED Y☑ N☐
5. # OF SPLS MATCH COC Y☑ N☐
6. PRESERVED Y☑ N☐

Client: CRL ENVIRONMENTAL CORP.
Attn: Bing Roura
Address: 4630 Northgate Blvd., Suite 100
City Sacramento State CA Zip Code 95834
TEL: (916) 925-1225
FAX: (916) 925-1215

Project Name: Project #: Sampler: (Printed Name) (Signature)

Relinquished by: (Signature and Printed Name) BETH M. ALPANTE Date: 4:00pm Time: 100101 Received by: (Signature and Printed Name) Date: 10/02/01 Time: 9 AM
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB: (SUB CONTRACT) ATL
TEST: Pb, As
CRL #: 10268-001/021
DATE: 100101
CLIENT I.D.

I hereby authorize CRL to perform the work indicated below:
Project Mgr /Submitter: BETH M. ALPANTE Date: 10/01/01
Print Name
Signature

Send Report To:
Attn: BING ROURA
Co: CRL ENVIRONMENTAL CORP
Address: same as above
City _____ State _____ Zip _____

Special Instructions/Comments:

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCBs-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPH/GBTEX(COMBINATION); 8015M TPHD (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-6010/7000) Pb, As

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER digestate

QA/QC: RTNE ☐ RWQCB ☐ DW ☐ NAVY ☐ CT ☐ OTHER _____

| ITEM | LAB USE ONLY: Batch #: / Lab No. | Sample Description: Sample I.D. | Date | Time | 601/8010 | 602/8020/BTEX | 608/8080 | 624/8240 | 8260 | 625/8270 | 8015M TPH/GBTEX | 8015M TPHD | 418.1 | Metals-Total (Pb, As) | SOLID • SOIL • SLUDGE | OIL • SOLVENT • LIQUID | WATER • WASTEWATER | DRINKING WATER | AIR | WIPE • FILTER | OTHER digestate | TAT | Container(s) # | Container(s) Type | PRESERVATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 053821-001 | 10268-001/T3-TIEG | | | | | | | | | | | X | | | | | | | X | A | 1 | P | | | |
| | 002 | -002/S1-.5 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 003 | -003/S2-.5 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 004 | -004/S5-.5 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 005 | -005/S6-.5 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 006 | -006/S7-.5 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 007 | -007/T7-TIEG | | | | | | | | | | | | | | | | | | | | | | | | |
| | 008 | -008/T9-1 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 009 | -009/T10-1 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 010 | -010/S8-0 | | | | | | | | | | | | | | | | | | | | | | | | |

* TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=$HNO_3$ S=$H_2SO_4$ C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report, Yellow to folder, Pink to submitter.

OCT-02-01 TUE 04:59 PM ADVANCED TECHNOLOGY LAB FAX NO. 5629894040 P. 23

# CHAIN OF CUSTODY RECORD



CRL Environmental Corporation
4630 Northgate Blvd., Suite 100
Sacramento, CA 95834
Tel: 916-925-1225 • Fax: 916-925-1215

FOR LABORATORY USE ONLY:

Batch #: D.O. #:
P.O.#:
Logged By: JAC Date: 10/02/01 Time: 9AM

Method of Transport: Walk-in ☐ Courier ☑ JAC 10/02/01 UPS ☐ FED. EXP. ☐ CRL ☐ (McKaw Hall)

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☑ 4. SEALED Y☑ N☐
2. HEADSPACE (VOA) Y☑ N☐ 5. # OF SPLS MATCH COC Y☑ N☐
3. CONTAINER INTACT Y☑ N☐ 6. PRESERVED Y☑ N☐

Client: CRL ENVIRONMENTAL CORP.
Attn: Bing Roura
Address: 4630 Northgate Blvd., Suite 100
City Sacramento State CA Zip Code 95834
TEL: (916) 925-1225
FAX: (916) 925-1215
Project Name: Project #: Sampler: (Printed Name) (Signature)

Relinquished by: (Signature and Printed Name) BETH M. ALPANTE Date: 100101 Time: 4:00pm Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: 10/02/01 Time: 9AM
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB: (SUB CONTRACT) ATL
TEST: Pb, As
CRL #: 10268-001/021
DATE: 100101
CLIENT I.D.

I hereby authorize CRL to perform the work indicated below:
Project Mgr /Submitter: BETH M. ALPANTE Date: 10/01/01
Print Name
Signature

Send Report To:
Attn: BING ROURA
Co: CRL ENVIRONMENTAL CORP.
Address same as above
City State Zip

Special Instructions/Comments:

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other
☐ Return To:
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL

Circle or Add Analysis(es) Requested: 8015/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-6010/7000); Pb, As

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER digestate

QA/QC: RTNE ☐ RWQCB ☐ DW ☐ NAVY ☐ CT ☐ OTHER

| ITEM | LAB USE ONLY: Batch #: Lab No. | Sample Description: Sample I.D. | Date | Time | 8015/8010 | 602/8020 | 608/8080 | 624/8240 | 8260 | 625/8270 | 8015M TPHG/BTEX | 8015M TPH/D | 418.1 | Metals-Total | SOLID • SOIL • SLUDGE | OIL • SOLVENT • LIQUID | WATER • WASTEWATER | DRINKING WATER | AIR | WIPE • FILTER | OTHER digestate | TAT | Container(s) # | Container(s) Type | PRESERVATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 653831-011 | 10268-011 / T11-2 | | | | | | | | | | | X | | | | | | | | X | A | 1 | P | | |
| | 012 | -012 / S9-0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 013 | -013 / T13-2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 014 | -014 / T14-1 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 015 | -015 / T17-1.5 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 016 | -016 / T18-1 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 017 | -017 / T20-2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 018 | -018 / T22-2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 019 | -019 / T23-1 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 020 | -020 / T27-1 | | | | | | | | | | | | | | | | | | | | | | | | |

- TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=$HNO_3$ S=$H_2SO_4$ C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report, Yellow to folder, Pink to submitter.

# CHAIN OF CUSTODY RECORD



CRL Environmental Corporation
4630 Northgate Blvd., Suite 100
Sacramento, CA 95834
Tel: 916-925-1225 • Fax: 916-925-1215

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: 10/02 Time: 9AM

Method of Transport: Walk-In ☐ Courier ☒ UPS ☐ FED. EXP. ☐ CRL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☒ 4. SEALED Y☒ N☐
2. HEADSPACE (VOA) Y☒ N☐ 5. # OF SPLS MATCH COC Y☒ N☐
3. CONTAINER INTACT Y☒ N☐ 6. PRESERVED Y☒ N☐

Client: CRL ENVIRONMENTAL CORP.
Attn: Bing Roura
Address: 4630 Northgate Blvd., Suite 100
City: Sacramento State: CA Zip Code: 95834
TEL: (916) 925-1225
FAX: (916) 925-1215
Project Name:
Project #:
Sampler: (Printed Name) (Signature)

Relinquished by: (Signature and Printed Name) BETH M. ALFANTE Date: 100101 Time: 4:00pm Received by: (Signature and Printed Name) Date: 10/02/01 Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB: (SUB CONTRACT) ATL
TEST: Pb, As
CRL #: 10268-001/021
DATE: 100101
CLIENT I.D.:

I hereby authorize CRL to perform the work indicated below:
Project Mgr /Submitter: BETH M. ALFANTE Date: 10/01/01
Print Name
Signature

Send Report To:
Attn: BING ROURA
Co: CRL ENVIRONMENTAL CORP.
Address: same as above
City: State: Zip:

Special Instructions/Comments:

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other
☐ Return To:
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-6010/7000) Pb, As

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER digestate

QA/QC: RTNE ☐ RWQCB ☐ DW ☐ NAVY ☐ CT ☐ OTHER

| ITEM | LAB USE ONLY: Batch #: Lab No. | Sample Description: Sample I.D. | Date | Time | Metals-Total (CAC-6010/7000) Pb, As | TAT | Container(s) # | Container(s) Type | PRESERVATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0528231-021 | 10268-021/T29-1 | | | X | A | 1 | P | | |
| | 022 | Method Blank 1 | | | | | | | | |
| | 023 | Method Blank 2 | | | | | | | | |
| | 024 | 10268-020 dup/T27-1 | | | | | | | | |
| | 025 | -020 MS | | | | | | | | |
| | 026 | -020 MSD | | | | | | | | |
| | 027 | -021 dup/T29-1 | | | | | | | | |
| | 028 | -021 MS | | | | | | | | |
| | 029 | -021 MSD | | | | | | | | |
| | 030 | LCS1 | | | | | | | | |

* TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=$HNO_3$ S=$H_2SO_4$ C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report, Yellow to folder, Pink to submitter.

# CHAIN OF CUSTODY RECORD

Pg 4 of 4

CRL Environmental Corporation
4630 Northgate Blvd., Suite 100
Sacramento, CA 95834
Tel: 916-925-1225 • Fax: 916-925-1215

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: AAO Date: 10/02 Time: 9 AM

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ CRL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☑ 4. SEALED Y☑ N☐
2. HEADSPACE (VOA) Y☑ N☐ 5. # OF SPLS MATCH COC Y☑ N☐
3. CONTAINER INTACT Y☑ N☐ 6. PRESERVED Y☐ N☑

Client: CRL ENVIRONMENTAL CORP.
Attn: Bing Roura
Address: 4630 Northgate Blvd., Suite 100
City Sacramento State CA Zip Code 95834
TEL: (916) 925-1225
FAX: (916) 925-1215
Project Name: Project #: Sampler: (Printed Name) (Signature)

Relinquished by: (Signature and Printed Name) BETH M. ALPANTE Date: 100101 Time: 4:00pm Received by: (Signature and Printed Name) Date: 10/02/01 Time: 9AM
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

SHIP TO LAB: (SUB CONTRACT) ATL
TEST: Pb, AS
CRL #: 10268-001/021
DATE: 100101
CLIENT I.D. _____

I hereby authorize CRL to perform the work indicated below:
Project Mgr /Submitter: BETH M. ALPANTE Date: 10/01/01
Print Name
Signature

Send Report To:
Attn: BING ROURA
Co: CRL ENVIRONMENTAL CORP.
Address: same as above
City _____ State _____ Zip _____

Special Instructions/Comments:

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPHG/BTEX(COMBINATION); 418.1 (TPH-IR); Metals-Total (CAC-5010/7000); Pb, AS

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER digestate

| ITEM | LAB USE ONLY: Batch #: / Lab No. | Sample Description: Sample I.D. | Date | Time | 601/8010 | 602/8020 | 608/8080 | 624/8240 | 8260 | 625/8270 | 8015M TPHG/BTEX | 418.1 | Metals-Total | Pb, AS | SOLID • SOIL • SLUDGE | OIL • SOLVENT • LIQUID | WATER • WASTEWATER | DRINKING WATER | AIR | WIPE • FILTER | OTHER digestate | TAT | Container(s) # | Container(s) Type | PRESERVATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 05 3231 - 031 | LCS 2 | | | | | | | | | | X | | | | | | | | | X | A | 1 | P | | |

QA/QC: RTNE ☐ RWQCB ☐ DW ☐ NAVY ☐ CT ☐ OTHER _____

* TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=$HNO_3$ S=$H_2SO_4$ C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report, Yellow to folder, Pink to submitter.

September 26, 2001

RECEIVED
OCT 04 2001
BY: GEOCON

John Juhrend
Geocon Environmental
11375 Sunrise Park Drive #100
Rancho Cordova, CA 95742
TEL: (916) 852-9118
FAX (916) 852-9132

ELAP No: 1838

RE: Greenway Trail - A8050-06-03

Work Order No.: 052729

Attention: John Juhrend

Enclosed are the results for sample(s) received on August 24, 2001 by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Edgar Caballero
Laboratory Director

This cover letter is an integral part of this analytical report.

# Advanced Technology Laboratories

**Print Date:** *9/26/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T15-.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-049A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010926B** | BatchID: **5862** | | | PrepDate: **9/26/01** | | Analyst: **RQ** |
| Antimony | 1.0 | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Antimony | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 60 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 36 | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Barium | 94 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 44 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Chromium | 9.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 2.5 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Cobalt | 6.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 6.5 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Copper | 380 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Copper | 140 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Iron | 19000 | 5.0 | | mg/Kg | 1.0 | 9/26/01 |
| Lead | 94 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 260 | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Molybdenum | 18 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 120 | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Nickel | 22 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 1.0 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Silver | 0.32 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | ND | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Vanadium | 22 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 8.5 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Zinc | 810 | 0.50 | | mg/Kg | 1.0 | 9/26/01 |
| Zinc | 440 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |

**Qualifiers:**

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:

# Advanced Technology Laboratories

**Print Date:** *9/26/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T16-.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-052A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010926B** BatchID: **5862** | | | | PrepDate: **9/26/01** | | Analyst: **RQ** |
| Antimony | 2.5 | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Antimony | 1.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 18 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 15 | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Barium | 160 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 110 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Beryllium | 1.0 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Chromium | 200 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 450 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Cobalt | 1.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 4.0 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Copper | 17 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Copper | 12 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Iron | 120000 | 5.0 | | mg/Kg | 1.0 | 9/26/01 |
| Lead | 7.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 10 | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Molybdenum | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | ND | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Nickel | 7.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 8.0 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 2.5 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | ND | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Vanadium | 1000 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 2300 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Zinc | 30 | 0.50 | | mg/Kg | 1.0 | 9/26/01 |
| Zinc | 18 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |

**Qualifiers:**

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____



Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

# Advanced Technology Laboratories

**Print Date:** *9/26/01*

| | | | |
|---|---|---|---|
| **CLIENT:** | Geocon Environmental | **Client Sample ID:** | T28-.5 |
| **Lab Order:** | 052729 | | |
| **Project:** | Greenway Trail - A8050-06-03 | **Collection Date:** | 8/23/01 |
| **Lab ID:** | 052729-076A | **Matrix:** | Soil |

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010926B** BatchID: **5862** | | | | PrepDate: **9/26/01** | | Analyst: **RQ** |
| Antimony | 0.50 | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Antimony | 1.0 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 34 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Arsenic | 9.5 | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Barium | 130 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Barium | 84 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Chromium | 60 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Chromium | 33 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Cobalt | 4.5 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Cobalt | 9.5 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Copper | 76 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Copper | 14 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Iron | 73000 | 5.0 | | mg/Kg | 1.0 | 9/26/01 |
| Lead | 42 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Lead | 14 | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Molybdenum | 0.50 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Molybdenum | 0.37 | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Nickel | 8.0 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Nickel | 34 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Silver | ND | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | 1.5 | 0.25 | | mg/Kg | 1.0 | 8/29/01 |
| Thallium | ND | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Vanadium | 130 | 0.15 | | mg/Kg | 1.0 | 8/29/01 |
| Vanadium | 120 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Zinc | 16 | 0.50 | | mg/Kg | 1.0 | 9/26/01 |
| Zinc | 340 | 0.50 | | mg/Kg | 1.0 | 8/29/01 |

**Qualifiers:**

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____



Advanced Technology Laboratories
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# Advanced Technology Laboratories

**Print Date:** *9/26/01*

**CLIENT:** Geocon Environmental
**Client Sample ID:** T31-SLAG
**Lab Order:** 052729
**Project:** Greenway Trail - A8050-06-03
**Collection Date:** 8/23/01
**Lab ID:** 052729-086A
**Matrix:** Soil

| Analyses | Result | Limit | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **ICP METALS** | | | **EPA 6010B** | | | |
| RunID: **ICP2_010926B** BatchID: **5862** | | | | PrepDate: **9/26/01** | | Analyst: **RQ** |
| Antimony | 2.0 | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Antimony | 0.30 | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Arsenic | 2.0 | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Arsenic | 24 | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Barium | 9.5 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Barium | 100 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Beryllium | ND | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Cadmium | ND | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Chromium | 1.0 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Chromium | 0.38 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Cobalt | 12 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Cobalt | 10 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Copper | 480 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Copper | 300 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Iron | 21000 | 5.0 | | mg/Kg | 1.0 | 9/26/01 |
| Lead | 28 | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Lead | 200 | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Molybdenum | 5.0 | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Molybdenum | 30 | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Nickel | 5.0 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Nickel | 2.0 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Selenium | ND | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Silver | 0.20 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Silver | 0.37 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Thallium | ND | 0.25 | | mg/Kg | 1.0 | 8/30/01 |
| Thallium | ND | 0.25 | | mg/Kg | 1.0 | 9/26/01 |
| Vanadium | 1.5 | 0.15 | | mg/Kg | 1.0 | 8/30/01 |
| Vanadium | 1.0 | 0.15 | | mg/Kg | 1.0 | 9/26/01 |
| Zinc | 390 | 0.50 | | mg/Kg | 1.0 | 9/26/01 |
| Zinc | 87 | 0.50 | | mg/Kg | 1.0 | 8/30/01 |

**Qualifiers:**
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B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:



Advanced Technology Laboratory
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

**Date:** *26-Sep-01*

**CLIENT:** Geocon Environmental
**Work Order:** 052729
**Project:** Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Method Blank

Sample ID **MB-5555** Batch ID: **5555** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **8/28/01** Prep Date: **8/28/01**

MBLK SeqNo: **178142**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | 0.25 | | 0 | | | | 0 | | | |
| Arsenic | ND | 0.25 | | 0 | | | | 0 | | | |
| Barium | ND | 0.15 | | 0 | | | | 0 | | | |
| Beryllium | ND | 0.15 | | 0 | | | | 0 | | | |
| Cadmium | ND | 0.15 | | 0 | | | | 0 | | | |
| Chromium | ND | 0.15 | | 0 | | | | 0 | | | |
| Cobalt | ND | 0.15 | | 0 | | | | 0 | | | |
| Copper | ND | 0.15 | | 0 | | | | 0 | | | |
| Lead | ND | 0.25 | | 0 | | | | 0 | | | |
| Molybdenum | ND | 0.25 | | 0 | | | | 0 | | | |
| Nickel | ND | 0.15 | | 0 | | | | 0 | | | |
| Selenium | ND | 0.25 | | 0 | | | | 0 | | | |
| Silver | ND | 0.15 | | 0 | | | | 0 | | | |
| Thallium | ND | 0.25 | | 0 | | | | 0 | | | |
| Vanadium | ND | 0.15 | | 0 | | | | 0 | | | |
| Zinc | ND | 0.50 | | 0 | | | | 0 | | | |

**Qualifiers:**
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

**Initials:** _____



**All calculations are based on raw values.**

2375 Walnut Avenue Signal Hill CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

**CLIENT:** Geocon Environmental
**Work Order:** 052729
**Project:** Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

## Method Blank

Sample ID **MB-5556** Batch ID: **5556** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **8/29/01** Prep Date: **8/28/01**

MBLK SeqNo: **178554**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | 0.25 | | 0 | | | | 0 | | | |
| Arsenic | ND | 0.25 | | 0 | | | | 0 | | | |
| Barium | ND | 0.15 | | 0 | | | | 0 | | | |
| Beryllium | ND | 0.15 | | 0 | | | | 0 | | | |
| Cadmium | ND | 0.15 | | 0 | | | | 0 | | | |
| Chromium | ND | 0.15 | | 0 | | | | 0 | | | |
| Cobalt | ND | 0.15 | | 0 | | | | 0 | | | |
| Copper | ND | 0.15 | | 0 | | | | 0 | | | |
| Lead | ND | 0.25 | | 0 | | | | 0 | | | |
| Molybdenum | ND | 0.25 | | 0 | | | | 0 | | | |
| Nickel | ND | 0.15 | | 0 | | | | 0 | | | |
| Selenium | ND | 0.25 | | 0 | | | | 0 | | | |
| Silver | ND | 0.15 | | 0 | | | | 0 | | | |
| Thallium | ND | 0.25 | | 0 | | | | 0 | | | |
| Vanadium | ND | 0.15 | | 0 | | | | 0 | | | |
| Zinc | ND | 0.50 | | 0 | | | | 0 | | | |

**Qualifiers:**
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

**Initials:** [illegible]

**All calculations are based on raw values.**

**CLIENT:** Geocon Environmental
**Work Order:** 052729
**Project:** Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

## Method Blank

Sample ID **MB-5557** Batch ID: **5557** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **8/29/01** Prep Date: **8/28/01**

MBLK SeqNo: **178700**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | 0.25 | | 0 | | | | 0 | | | |
| Arsenic | ND | 0.25 | | 0 | | | | 0 | | | |
| Barium | ND | 0.15 | | 0 | | | | 0 | | | |
| Beryllium | ND | 0.15 | | 0 | | | | 0 | | | |
| Cadmium | ND | 0.15 | | 0 | | | | 0 | | | |
| Chromium | ND | 0.15 | | 0 | | | | 0 | | | |
| Cobalt | ND | 0.15 | | 0 | | | | 0 | | | |
| Copper | ND | 0.15 | | 0 | | | | 0 | | | |
| Lead | ND | 0.25 | | 0 | | | | 0 | | | |
| Molybdenum | ND | 0.25 | | 0 | | | | 0 | | | |
| Nickel | ND | 0.15 | | 0 | | | | 0 | | | |
| Selenium | ND | 0.25 | | 0 | | | | 0 | | | |
| Silver | ND | 0.15 | | 0 | | | | 0 | | | |
| Thallium | ND | 0.25 | | 0 | | | | 0 | | | |
| Vanadium | ND | 0.15 | | 0 | | | | 0 | | | |
| Zinc | ND | 0.50 | | 0 | | | | 0 | | | |

**Qualifiers:**
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

**Initials:** _____



**All calculations are based on raw values.**

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

**CLIENT:** Geocon Environmental
**Work Order:** 052729
**Project:** Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

## Method Blank

Sample ID **MB-5560** Batch ID: **5560** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **8/30/01** Prep Date: **8/28/01**

MBLK SeqNo: **179132**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | 0.25 | | 0 | | | | 0 | | | |
| Arsenic | ND | 0.25 | | 0 | | | | 0 | | | |
| Barium | ND | 0.15 | | 0 | | | | 0 | | | |
| Beryllium | ND | 0.15 | | 0 | | | | 0 | | | |
| Cadmium | ND | 0.15 | | 0 | | | | 0 | | | |
| Chromium | ND | 0.15 | | 0 | | | | 0 | | | |
| Cobalt | ND | 0.15 | | 0 | | | | 0 | | | |
| Copper | ND | 0.15 | | 0 | | | | 0 | | | |
| Lead | ND | 0.25 | | 0 | | | | 0 | | | |
| Molybdenum | ND | 0.25 | | 0 | | | | 0 | | | |
| Nickel | ND | 0.15 | | 0 | | | | 0 | | | |
| Selenium | ND | 0.25 | | 0 | | | | 0 | | | |
| Silver | ND | 0.15 | | 0 | | | | 0 | | | |
| Thallium | ND | 0.25 | | 0 | | | | 0 | | | |
| Vanadium | ND | 0.15 | | 0 | | | | 0 | | | |
| Zinc | ND | 0.50 | | 0 | | | | 0 | | | |

**Qualifiers:**
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

**Initials:** _____



**All calculations are based on raw values.**

**CLIENT:** Geocon Environmental
**Work Order:** 052729
**Project:** Greenway Trail - A8050-06-03

# QC SUMMARY REPORT
## Method Blank

Sample ID **MB-5862** Batch ID: **5862** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **9/26/01** Prep Date: **9/26/01**

MBLK SeqNo: **188390**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ND | 0.25 | | 0 | | | | 0 | | | |
| Arsenic | ND | 0.25 | | 0 | | | | 0 | | | |
| Barium | ND | 0.15 | | 0 | | | | 0 | | | |
| Beryllium | ND | 0.15 | | 0 | | | | 0 | | | |
| Cadmium | ND | 0.15 | | 0 | | | | 0 | | | |
| Chromium | ND | 0.15 | | 0 | | | | 0 | | | |
| Cobalt | ND | 0.15 | | 0 | | | | 0 | | | |
| Copper | ND | 0.15 | | 0 | | | | 0 | | | |
| Lead | ND | 0.25 | | 0 | | | | 0 | | | |
| Molybdenum | ND | 0.25 | | 0 | | | | 0 | | | |
| Nickel | ND | 0.15 | | 0 | | | | 0 | | | |
| Selenium | ND | 0.25 | | 0 | | | | 0 | | | |
| Silver | ND | 0.15 | | 0 | | | | 0 | | | |
| Thallium | ND | 0.25 | | 0 | | | | 0 | | | |
| Vanadium | ND | 0.15 | | 0 | | | | 0 | | | |
| Zinc | ND | 0.50 | | 0 | | | | 0 | | | |

**Qualifiers:**
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M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

**Initials:** _____



**All calculations are based on raw values.**

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

# Advanced Technology Laboratories

**Date:** *26-Sep-01*

**CLIENT:** Geocon Environmental
**Work Order:** 052729
**Project:** Greenway Trail - A8050-06-03

## QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **052729-024AMS** Batch ID: **5555** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **8/28/01** Prep Date: **8/28/01**

MS SeqNo: **178169**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 96 | 0.25 | 125 | 0.5 | 76 | 32 | 115 | 0 | | | |
| Arsenic | 170 | 0.25 | 125 | 44 | 98 | 59 | 111 | 0 | | | |
| Barium | 180 | 0.15 | 125 | 62 | 94 | 34 | 151 | 0 | | | |
| Beryllium | 110 | 0.15 | 125 | 0 | 92 | 56 | 112 | 0 | | | |
| Cadmium | 100 | 0.15 | 125 | 0 | 84 | 52 | 120 | 0 | | | |
| Chromium | 130 | 0.15 | 125 | 26 | 87 | 56 | 118 | 0 | | | |
| Cobalt | 110 | 0.15 | 125 | 3.5 | 87 | 58 | 117 | 0 | | | |
| Copper | 130 | 0.15 | 125 | 12 | 95 | 58 | 134 | 0 | | | |
| Lead | 130 | 0.25 | 125 | 20 | 84 | 47 | 128 | 0 | | | |
| Molybdenum | 110 | 0.25 | 125 | 0.5 | 91 | 56 | 115 | 0 | | | |
| Nickel | 120 | 0.15 | 125 | 6.5 | 87 | 52 | 120 | 0 | | | |
| Selenium | 110 | 0.25 | 125 | 0 | 89 | 46 | 108 | 0 | | | |
| Silver | 110 | 0.15 | 125 | 0 | 90 | 74 | 117 | 0 | | | |
| Thallium | 110 | 0.25 | 125 | 1 | 87 | 62 | 117 | 0 | | | |
| Vanadium | 190 | 0.15 | 125 | 79 | 90 | 55 | 122 | 0 | | | |
| Zinc | 180 | 0.50 | 125 | 64 | 92 | 43 | 134 | 0 | | | |

**Qualifiers:**
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

**Initials:** _____

**All calculations are based on raw values.**

**CLIENT:** Geocon Environmental
**Work Order:** 052729
**Project:** Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

## Sample Matrix Spike Duplicate

Sample ID **052729-024AMS** Batch ID: **5555** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **8/28/01** Prep Date: **8/28/01**

MSD SeqNo: **178171**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 75 | 0.25 | 125 | 0.5 | 60 | 32 | 115 | 96 | 25 | 20 | R |
| Arsenic | 130 | 0.25 | 125 | 44 | 70 | 59 | 111 | 170 | 25 | 20 | R |
| Barium | 220 | 0.15 | 125 | 62 | 130 | 34 | 151 | 180 | 20 | 20 | |
| Beryllium | 94 | 0.15 | 125 | 0 | 75 | 56 | 112 | 110 | 20 | 20 | |
| Cadmium | 82 | 0.15 | 125 | 0 | 65 | 52 | 120 | 100 | 24 | 20 | R |
| Chromium | 160 | 0.15 | 125 | 26 | 109 | 56 | 118 | 130 | 17 | 20 | |
| Cobalt | 88 | 0.15 | 125 | 3.5 | 67 | 58 | 117 | 110 | 24 | 20 | R |
| Copper | 110 | 0.15 | 125 | 12 | 77 | 58 | 134 | 130 | 17 | 20 | |
| Lead | 95 | 0.25 | 125 | 20 | 60 | 47 | 128 | 130 | 28 | 20 | R |
| Molybdenum | 96 | 0.25 | 125 | 0.5 | 76 | 56 | 115 | 110 | 18 | 20 | |
| Nickel | 90 | 0.15 | 125 | 6.5 | 67 | 52 | 120 | 120 | 24 | 20 | R |
| Selenium | 94 | 0.25 | 125 | 0 | 76 | 46 | 108 | 110 | 17 | 20 | |
| Silver | 96 | 0.15 | 125 | 0 | 76 | 74 | 117 | 110 | 15 | 20 | |
| Thallium | 89 | 0.25 | 125 | 1 | 70 | 62 | 117 | 110 | 21 | 20 | R |
| Vanadium | 200 | 0.15 | 125 | 79 | 100 | 55 | 122 | 190 | 5 | 20 | |
| Zinc | 140 | 0.50 | 125 | 64 | 58 | 43 | 134 | 180 | 24 | 20 | R |

Qualifiers: ND - Not Detected at the Reporting Limit
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DO - Surrogate Diluted Out

**Initials:** _____



**All calculations are based on raw values.**

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

**CLIENT:** Geocon Environmental
**Work Order:** 052729
**Project:** Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

## Sample Matrix Spike

Sample ID **052729-054AMS** Batch ID: **5556** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **8/29/01** Prep Date: **8/28/01**

MS SeqNo: **178576**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 78 | 0.25 | 125 | 0.4 | 62 | 32 | 115 | 0 | | | |
| Arsenic | 120 | 0.25 | 125 | 15 | 87 | 59 | 111 | 0 | | | |
| Barium | 250 | 0.15 | 125 | 150 | 82 | 34 | 151 | 0 | | | |
| Beryllium | 110 | 0.15 | 125 | 0 | 90 | 56 | 112 | 0 | | | |
| Cadmium | 100 | 0.15 | 125 | 0 | 82 | 52 | 120 | 0 | | | |
| Chromium | 130 | 0.15 | 125 | 18 | 86 | 56 | 118 | 0 | | | |
| Cobalt | 110 | 0.15 | 125 | 8.5 | 83 | 58 | 117 | 0 | | | |
| Copper | 140 | 0.15 | 125 | 22 | 91 | 58 | 134 | 0 | | | |
| Lead | 110 | 0.25 | 125 | 6.5 | 84 | 47 | 128 | 0 | | | |
| Molybdenum | 110 | 0.25 | 125 | 2 | 86 | 56 | 115 | 0 | | | |
| Nickel | 120 | 0.15 | 125 | 22 | 80 | 52 | 120 | 0 | | | |
| Selenium | 110 | 0.25 | 125 | 0 | 87 | 46 | 108 | 0 | | | |
| Silver | 110 | 0.15 | 125 | 0.03 | 88 | 74 | 117 | 0 | | | |
| Thallium | 110 | 0.25 | 125 | 1 | 84 | 62 | 117 | 0 | | | |
| Vanadium | 150 | 0.15 | 125 | 42 | 89 | 55 | 122 | 0 | | | |
| Zinc | 180 | 0.50 | 125 | 74 | 88 | 43 | 134 | 0 | | | |

**Qualifiers:**
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M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

**Initials:** _____



**All calculations are based on raw values.**

**CLIENT:** Geocon Environmental
**Work Order:** 052729
**Project:** Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

## Sample Matrix Spike Duplicate

Sample ID **052729-054AMS** Batch ID: **5556** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **8/29/01** Prep Date: **8/28/01**

MSD SeqNo: **178577**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 82 | 0.25 | 125 | 0.4 | 65 | 32 | 115 | 78 | 4 | 20 | |
| Arsenic | 120 | 0.25 | 125 | 15 | 87 | 59 | 111 | 120 | 3 | 20 | |
| Barium | 240 | 0.15 | 125 | 150 | 76 | 34 | 151 | 250 | 5 | 20 | |
| Beryllium | 110 | 0.15 | 125 | 0 | 90 | 56 | 112 | 110 | 2 | 20 | |
| Cadmium | 100 | 0.15 | 125 | 0 | 83 | 52 | 120 | 100 | 3 | 20 | |
| Chromium | 130 | 0.15 | 125 | 18 | 86 | 56 | 118 | 130 | 3 | 20 | |
| Cobalt | 110 | 0.15 | 125 | 8.5 | 84 | 58 | 117 | 110 | 2 | 20 | |
| Copper | 140 | 0.15 | 125 | 22 | 91 | 58 | 134 | 140 | 3 | 20 | |
| Lead | 110 | 0.25 | 125 | 6.5 | 85 | 47 | 128 | 110 | 2 | 20 | |
| Molybdenum | 110 | 0.25 | 125 | 2 | 87 | 56 | 115 | 110 | 0 | 20 | |
| Nickel | 120 | 0.15 | 125 | 22 | 81 | 52 | 120 | 120 | 2 | 20 | |
| Selenium | 110 | 0.25 | 125 | 0 | 88 | 46 | 108 | 110 | 1 | 20 | |
| Silver | 110 | 0.15 | 125 | 0.03 | 88 | 74 | 117 | 110 | 0 | 20 | |
| Thallium | 110 | 0.25 | 125 | 1 | 86 | 62 | 117 | 110 | 3 | 20 | |
| Vanadium | 150 | 0.15 | 125 | 42 | 87 | 55 | 122 | 150 | 2 | 20 | |
| Zinc | 170 | 0.50 | 125 | 74 | 80 | 43 | 134 | 180 | 8 | 20 | |

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**Initials:** ____



**All calculations are based on raw values.**

Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

**CLIENT:** Geocon Environmental
**Work Order:** 052729
**Project:** Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

## Sample Matrix Spike

Sample ID **052729-082AMS** Batch ID: **5557** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **8/29/01** Prep Date: **8/28/01**

MS SeqNo: **178722**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 72 | 0.25 | 125 | 0.32 | 57 | 32 | 115 | 0 | | | |
| Arsenic | 140 | 0.25 | 125 | 28 | 89 | 59 | 111 | 0 | | | |
| Barium | 250 | 0.15 | 125 | 130 | 93 | 34 | 151 | 0 | | | |
| Beryllium | 110 | 0.15 | 125 | 0 | 85 | 56 | 112 | 0 | | | |
| Cadmium | 98 | 0.15 | 125 | 0 | 78 | 52 | 120 | 0 | | | |
| Chromium | 120 | 0.15 | 125 | 18 | 85 | 56 | 118 | 0 | | | |
| Cobalt | 110 | 0.15 | 125 | 7.5 | 81 | 58 | 117 | 0 | | | |
| Copper | 130 | 0.15 | 125 | 18 | 90 | 58 | 134 | 0 | | | |
| Lead | 110 | 0.25 | 125 | 3.5 | 82 | 47 | 128 | 0 | | | |
| Molybdenum | 100 | 0.25 | 125 | 1.5 | 81 | 56 | 115 | 0 | | | |
| Nickel | 120 | 0.15 | 125 | 18 | 80 | 52 | 120 | 0 | | | |
| Selenium | 100 | 0.25 | 125 | 0 | 83 | 46 | 108 | 0 | | | |
| Silver | 100 | 0.15 | 125 | 0 | 82 | 74 | 117 | 0 | | | |
| Thallium | 100 | 0.25 | 125 | 0.5 | 82 | 62 | 117 | 0 | | | |
| Vanadium | 150 | 0.15 | 125 | 38 | 92 | 55 | 122 | 0 | | | |
| Zinc | 160 | 0.50 | 125 | 57 | 82 | 43 | 134 | 0 | | | |

**Qualifiers:**
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R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

**Initials:** _____



**All calculations are based on raw values.**

**CLIENT:** Geocon Environmental
**Work Order:** 052729
**Project:** Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

## Sample Matrix Spike Duplicate

Sample ID **052729-082AMS** Batch ID: **5557** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **8/29/01** Prep Date: **8/28/01**

MSD SeqNo: **178723**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 75 | 0.25 | 125 | 0.32 | 60 | 32 | 115 | 72 | 4 | 20 | |
| Arsenic | 140 | 0.25 | 125 | 28 | 88 | 59 | 111 | 140 | 1 | 20 | |
| Barium | 240 | 0.15 | 125 | 130 | 87 | 34 | 151 | 250 | 2 | 20 | |
| Beryllium | 110 | 0.15 | 125 | 0 | 85 | 56 | 112 | 110 | 4 | 20 | |
| Cadmium | 98 | 0.15 | 125 | 0 | 79 | 52 | 120 | 98 | 1 | 20 | |
| Chromium | 120 | 0.15 | 125 | 18 | 84 | 56 | 118 | 120 | 3 | 20 | |
| Cobalt | 110 | 0.15 | 125 | 7.5 | 81 | 58 | 117 | 110 | 1 | 20 | |
| Copper | 130 | 0.15 | 125 | 18 | 90 | 58 | 134 | 130 | 0 | 20 | |
| Lead | 110 | 0.25 | 125 | 3.5 | 82 | 47 | 128 | 110 | 4 | 20 | |
| Molybdenum | 100 | 0.25 | 125 | 1.5 | 82 | 56 | 115 | 100 | 3 | 20 | |
| Nickel | 120 | 0.15 | 125 | 18 | 80 | 52 | 120 | 120 | 1 | 20 | |
| Selenium | 100 | 0.25 | 125 | 0 | 83 | 46 | 108 | 100 | 3 | 20 | |
| Silver | 100 | 0.15 | 125 | 0 | 82 | 74 | 117 | 100 | 2 | 20 | |
| Thallium | 100 | 0.25 | 125 | 0.5 | 82 | 62 | 117 | 100 | 2 | 20 | |
| Vanadium | 150 | 0.15 | 125 | 38 | 90 | 55 | 122 | 150 | 2 | 20 | |
| Zinc | 160 | 0.50 | 125 | 57 | 81 | 43 | 134 | 160 | 0 | 20 | |

**Qualifiers:**
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

**Initials:** _____



**All calculations are based on raw values.**

**CLIENT:** Geocon Environmental
**Work Order:** 052729
**Project:** Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

## Sample Matrix Spike

Sample ID **052729-085AMS** Batch ID: **5560** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **8/30/01** Prep Date: **8/28/01**

MS SeqNo: **179138**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 100 | 0.25 | 125 | 0.28 | 81 | 32 | 115 | 0 | | | |
| Arsenic | 140 | 0.25 | 125 | 26 | 92 | 59 | 111 | 0 | | | |
| Barium | 160 | 0.15 | 125 | 44 | 92 | 34 | 151 | 0 | | | |
| Beryllium | 120 | 0.15 | 125 | 0 | 94 | 56 | 112 | 0 | | | |
| Cadmium | 110 | 0.15 | 125 | 0 | 87 | 52 | 120 | 0 | | | |
| Chromium | 120 | 0.15 | 125 | 8 | 92 | 56 | 118 | 0 | | | |
| Cobalt | 120 | 0.15 | 125 | 4 | 89 | 58 | 117 | 0 | | | |
| Copper | 130 | 0.15 | 125 | 7.5 | 97 | 58 | 134 | 0 | | | |
| Lead | 110 | 0.25 | 125 | 2.5 | 89 | 47 | 128 | 0 | | | |
| Molybdenum | 120 | 0.25 | 125 | 0.44 | 93 | 56 | 115 | 0 | | | |
| Nickel | 120 | 0.15 | 125 | 6.5 | 89 | 52 | 120 | 0 | | | |
| Selenium | 110 | 0.25 | 125 | 0 | 90 | 46 | 108 | 0 | | | |
| Silver | 110 | 0.15 | 125 | 0 | 89 | 74 | 117 | 0 | | | |
| Thallium | 110 | 0.25 | 125 | 0.5 | 90 | 62 | 117 | 0 | | | |
| Vanadium | 140 | 0.15 | 125 | 18 | 100 | 55 | 122 | 0 | | | |
| Zinc | 300 | 0.50 | 125 | 220 | 62 | 43 | 134 | 0 | | | |

**Qualifiers:**
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

**Initials:** _____

**All calculations are based on raw values.**



Laboratory Director
Stephen Walker
2575 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

**CLIENT:** Geocon Environmental
**Work Order:** 052729
**Project:** Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

## Sample Matrix Spike Duplicate

Sample ID **052729-085AMS** Batch ID: **5560** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **8/30/01** Prep Date: **8/28/01**

MSD SeqNo: **179139**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 110 | 0.25 | 125 | 0.28 | 86 | 32 | 115 | 100 | 8 | 20 | |
| Arsenic | 150 | 0.25 | 125 | 26 | 97 | 59 | 111 | 140 | 6 | 20 | |
| Barium | 160 | 0.15 | 125 | 44 | 94 | 34 | 151 | 160 | 1 | 20 | |
| Beryllium | 120 | 0.15 | 125 | 0 | 99 | 56 | 112 | 120 | 2 | 20 | |
| Cadmium | 110 | 0.15 | 125 | 0 | 91 | 52 | 120 | 110 | 1 | 20 | |
| Chromium | 130 | 0.15 | 125 | 8 | 97 | 56 | 118 | 120 | 6 | 20 | |
| Cobalt | 120 | 0.15 | 125 | 4 | 94 | 58 | 117 | 120 | 4 | 20 | |
| Copper | 130 | 0.15 | 125 | 7.5 | 101 | 58 | 134 | 130 | 1 | 20 | |
| Lead | 120 | 0.25 | 125 | 2.5 | 94 | 47 | 128 | 110 | 5 | 20 | |
| Molybdenum | 120 | 0.25 | 125 | 0.44 | 98 | 56 | 115 | 120 | 3 | 20 | |
| Nickel | 120 | 0.15 | 125 | 6.5 | 94 | 52 | 120 | 120 | 2 | 20 | |
| Selenium | 120 | 0.25 | 125 | 0 | 94 | 46 | 108 | 110 | 6 | 20 | |
| Silver | 120 | 0.15 | 125 | 0 | 93 | 74 | 117 | 110 | 7 | 20 | |
| Thallium | 120 | 0.25 | 125 | 0.5 | 93 | 62 | 117 | 110 | 6 | 20 | |
| Vanadium | 150 | 0.15 | 125 | 18 | 105 | 55 | 122 | 140 | 5 | 20 | |
| Zinc | 290 | 0.50 | 125 | 220 | 59 | 43 | 134 | 300 | 2 | 20 | |

**Qualifiers:**
ND - Not Detected at the Reporting Limit
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DO - Surrogate Diluted Out

**Initials:** _____



**All calculations are based on raw values.**

**CLIENT:** Geocon Environmental
**Work Order:** 052729
**Project:** Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

## Sample Matrix Spike

Sample ID **053157-001AMS** Batch ID: **5862** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **9/26/01** Prep Date: **9/26/01**

MS SeqNo: **188398**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 67 | 0.25 | 125 | 0.46 | 53 | 32 | 115 | 0 | | | |
| Arsenic | 120 | 0.25 | 125 | 12 | 85 | 59 | 111 | 0 | | | |
| Barium | 290 | 0.15 | 125 | 180 | 85 | 34 | 151 | 0 | | | |
| Beryllium | 110 | 0.15 | 125 | 0 | 87 | 56 | 112 | 0 | | | |
| Cadmium | 99 | 0.15 | 125 | 0 | 79 | 52 | 120 | 0 | | | |
| Chromium | 130 | 0.15 | 125 | 24 | 87 | 56 | 118 | 0 | | | |
| Cobalt | 120 | 0.15 | 125 | 9.5 | 87 | 58 | 117 | 0 | | | |
| Copper | 150 | 0.15 | 125 | 22 | 102 | 58 | 134 | 0 | | | |
| Lead | 120 | 0.25 | 125 | 6 | 90 | 47 | 128 | 0 | | | |
| Molybdenum | 100 | 0.25 | 125 | 0.5 | 84 | 56 | 115 | 0 | | | |
| Nickel | 120 | 0.15 | 125 | 18 | 85 | 52 | 120 | 0 | | | |
| Selenium | 100 | 0.25 | 125 | 0 | 83 | 46 | 108 | 0 | | | |
| Silver | 120 | 0.15 | 125 | 0 | 93 | 74 | 117 | 0 | | | |
| Thallium | 110 | 0.25 | 125 | 0 | 88 | 62 | 117 | 0 | | | |
| Vanadium | 140 | 0.15 | 125 | 38 | 85 | 55 | 122 | 0 | | | |
| Zinc | 150 | 0.50 | 125 | 54 | 80 | 43 | 134 | 0 | | | |

**Qualifiers:**
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

**Initials:** _____



**All calculations are based on raw values.**

Advanced Technical Laboratory
3275 Walnut Avenue Signal Hill CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

**CLIENT:** Geocon Environmental
**Work Order:** 052729
**Project:** Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

## Sample Matrix Spike Duplicate

Sample ID **053157-001AMS** Batch ID: **5862** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **9/26/01** Prep Date: **9/26/01**

MSD SeqNo: **188399**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 64 | 0.25 | 125 | 0.46 | 51 | 32 | 115 | 67 | 5 | 20 | |
| Arsenic | 120 | 0.25 | 125 | 12 | 90 | 59 | 111 | 120 | 2 | 20 | |
| Barium | 330 | 0.15 | 125 | 180 | 120 | 34 | 151 | 290 | 14 | 20 | |
| Beryllium | 110 | 0.15 | 125 | 0 | 90 | 56 | 112 | 110 | 1 | 20 | |
| Cadmium | 100 | 0.15 | 125 | 0 | 81 | 52 | 120 | 99 | 1 | 20 | |
| Chromium | 140 | 0.15 | 125 | 24 | 94 | 56 | 118 | 130 | 5 | 20 | |
| Cobalt | 120 | 0.15 | 125 | 9.5 | 91 | 58 | 117 | 120 | 2 | 20 | |
| Copper | 160 | 0.15 | 125 | 22 | 111 | 58 | 134 | 150 | 7 | 20 | |
| Lead | 120 | 0.25 | 125 | 6 | 94 | 47 | 128 | 120 | 1 | 20 | |
| Molybdenum | 110 | 0.25 | 125 | 0.5 | 86 | 56 | 115 | 100 | 5 | 20 | |
| Nickel | 130 | 0.15 | 125 | 18 | 91 | 52 | 120 | 120 | 4 | 20 | |
| Selenium | 110 | 0.25 | 125 | 0 | 85 | 46 | 108 | 100 | 6 | 20 | |
| Silver | 120 | 0.15 | 125 | 0 | 96 | 74 | 117 | 120 | 3 | 20 | |
| Thallium | 110 | 0.25 | 125 | 0 | 92 | 62 | 117 | 110 | 0 | 20 | |
| Vanadium | 160 | 0.15 | 125 | 38 | 96 | 55 | 122 | 140 | 10 | 20 | |
| Zinc | 160 | 0.50 | 125 | 54 | 89 | 43 | 134 | 150 | 4 | 20 | |

**Qualifiers:**
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

**Initials:** _____



**All calculations are based on raw values.**

Advanced Technology Laboratories
2225 Rheem Avenue Santa Fe Springs CA 90670 Tel: 562 989-4045 Fax: 562 989-4040

# Advanced Technology Laboratories

**Date:** *26-Sep-01*

**CLIENT:** Geocon Environmental
**Work Order:** 052729
**Project:** Greenway Trail - A8050-06-03

## QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-5555** Batch ID: **5555** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **8/28/01** Prep Date: **8/28/01**

LCS SeqNo: **178143**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 52 | 0.25 | 50 | 0 | 104 | 80 | 120 | 0 | | | |
| Arsenic | 50 | 0.25 | 50 | 0 | 99 | 80 | 120 | 0 | | | |
| Barium | 50 | 0.15 | 50 | 0 | 99 | 80 | 120 | 0 | | | |
| Beryllium | 50 | 0.15 | 50 | 0 | 99 | 80 | 120 | 0 | | | |
| Cadmium | 48 | 0.15 | 50 | 0 | 95 | 80 | 120 | 0 | | | |
| Chromium | 48 | 0.15 | 50 | 0 | 96 | 80 | 120 | 0 | | | |
| Cobalt | 48 | 0.15 | 50 | 0 | 96 | 80 | 120 | 0 | | | |
| Copper | 48 | 0.15 | 50 | 0 | 97 | 80 | 120 | 0 | | | |
| Lead | 46 | 0.25 | 50 | 0 | 91 | 80 | 120 | 0 | | | |
| Molybdenum | 50 | 0.25 | 50 | 0 | 99 | 80 | 120 | 0 | | | |
| Nickel | 46 | 0.15 | 50 | 0 | 92 | 80 | 120 | 0 | | | |
| Selenium | 46 | 0.25 | 50 | 0 | 93 | 80 | 120 | 0 | | | |
| Silver | 41 | 0.15 | 50 | 0 | 82 | 80 | 120 | 0 | | | |
| Thallium | 48 | 0.25 | 50 | 0.17 | 95 | 80 | 120 | 0 | | | |
| Vanadium | 49 | 0.15 | 50 | 0 | 98 | 80 | 120 | 0 | | | |
| Zinc | 47 | 0.50 | 50 | 0.037 | 94 | 80 | 120 | 0 | | | |

**Qualifiers:**
ND - Not Detected at the Reporting Limit
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R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

**Initials:** _____



**All calculations are based on raw values.**

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4046

**CLIENT:** Geocon Environmental
**Work Order:** 052729
**Project:** Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-5556** Batch ID: **5556** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **8/29/01** Prep Date: **8/28/01**

LCS SeqNo: **178555**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 53 | 0.25 | 50 | 0 | 106 | 80 | 120 | 0 | | | |
| Arsenic | 50 | 0.25 | 50 | 0 | 100 | 80 | 120 | 0 | | | |
| Barium | 52 | 0.15 | 50 | 0.0045 | 104 | 80 | 120 | 0 | | | |
| Beryllium | 50 | 0.15 | 50 | 0.0045 | 101 | 80 | 120 | 0 | | | |
| Cadmium | 48 | 0.15 | 50 | 0 | 97 | 80 | 120 | 0 | | | |
| Chromium | 50 | 0.15 | 50 | 0 | 99 | 80 | 120 | 0 | | | |
| Cobalt | 48 | 0.15 | 50 | 0 | 97 | 80 | 120 | 0 | | | |
| Copper | 50 | 0.15 | 50 | 0 | 99 | 80 | 120 | 0 | | | |
| Lead | 48 | 0.25 | 50 | 0 | 95 | 80 | 120 | 0 | | | |
| Molybdenum | 50 | 0.25 | 50 | 0.0085 | 100 | 80 | 120 | 0 | | | |
| Nickel | 46 | 0.15 | 50 | 0 | 93 | 80 | 120 | 0 | | | |
| Selenium | 48 | 0.25 | 50 | 0 | 96 | 80 | 120 | 0 | | | |
| Silver | 42 | 0.15 | 50 | 0.03 | 83 | 80 | 120 | 0 | | | |
| Thallium | 48 | 0.25 | 50 | 0 | 97 | 80 | 120 | 0 | | | |
| Vanadium | 49 | 0.15 | 50 | 0.01 | 98 | 80 | 120 | 0 | | | |
| Zinc | 49 | 0.50 | 50 | 0.11 | 98 | 80 | 120 | 0 | | | |

**Qualifiers:**
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B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

**Initials:** D



**All calculations are based on raw values.**

**CLIENT:** Geocon Environmental
**Work Order:** 052729
**Project:** Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-5557** Batch ID: **5557** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **8/29/01** Prep Date: **8/28/01**

LCS SeqNo: **178701**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 54 | 0.25 | 50 | 0 | 109 | 80 | 120 | 0 | | | |
| Arsenic | 52 | 0.25 | 50 | 0 | 104 | 80 | 120 | 0 | | | |
| Barium | 51 | 0.15 | 50 | 0 | 102 | 80 | 120 | 0 | | | |
| Beryllium | 50 | 0.15 | 50 | 0.012 | 100 | 80 | 120 | 0 | | | |
| Cadmium | 49 | 0.15 | 50 | 0 | 98 | 80 | 120 | 0 | | | |
| Chromium | 49 | 0.15 | 50 | 0 | 97 | 80 | 120 | 0 | | | |
| Cobalt | 49 | 0.15 | 50 | 0.011 | 98 | 80 | 120 | 0 | | | |
| Copper | 49 | 0.15 | 50 | 0.057 | 98 | 80 | 120 | 0 | | | |
| Lead | 48 | 0.25 | 50 | 0 | 97 | 80 | 120 | 0 | | | |
| Molybdenum | 50 | 0.25 | 50 | 0 | 100 | 80 | 120 | 0 | | | |
| Nickel | 47 | 0.15 | 50 | 0.042 | 95 | 80 | 120 | 0 | | | |
| Selenium | 49 | 0.25 | 50 | 0 | 99 | 80 | 120 | 0 | | | |
| Silver | 42 | 0.15 | 50 | 0.024 | 84 | 80 | 120 | 0 | | | |
| Thallium | 50 | 0.25 | 50 | 0.0095 | 99 | 80 | 120 | 0 | | | |
| Vanadium | 50 | 0.15 | 50 | 0 | 100 | 80 | 120 | 0 | | | |
| Zinc | 50 | 0.50 | 50 | 0.11 | 99 | 80 | 120 | 0 | | | |

**Qualifiers:**
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M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

**Initials:** _____



**All calculations are based on raw values.**

Geocon Environmental, Inc.
5741 Palmer Way, Carlsbad, CA 92008 Tel: 760 929-0200 Fax: 760 929-0249

**CLIENT:** Geocon Environmental
**Work Order:** 052729
**Project:** Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-5560** Batch ID: **5560** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **8/30/01** Prep Date: **8/28/01**

LCS SeqNo: **179133**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 56 | 0.25 | 50 | 0 | 111 | 80 | 120 | 0 | | | |
| Arsenic | 53 | 0.25 | 50 | 0 | 106 | 80 | 120 | 0 | | | |
| Barium | 50 | 0.15 | 50 | 0.005 | 101 | 80 | 120 | 0 | | | |
| Beryllium | 51 | 0.15 | 50 | 0 | 102 | 80 | 120 | 0 | | | |
| Cadmium | 50 | 0.15 | 50 | 0 | 100 | 80 | 120 | 0 | | | |
| Chromium | 50 | 0.15 | 50 | 0 | 100 | 80 | 120 | 0 | | | |
| Cobalt | 50 | 0.15 | 50 | 0 | 101 | 80 | 120 | 0 | | | |
| Copper | 50 | 0.15 | 50 | 0 | 101 | 80 | 120 | 0 | | | |
| Lead | 49 | 0.25 | 50 | 0 | 98 | 80 | 120 | 0 | | | |
| Molybdenum | 51 | 0.25 | 50 | 0.015 | 102 | 80 | 120 | 0 | | | |
| Nickel | 49 | 0.15 | 50 | 0 | 98 | 80 | 120 | 0 | | | |
| Selenium | 50 | 0.25 | 50 | 0 | 101 | 80 | 120 | 0 | | | |
| Silver | 44 | 0.15 | 50 | 0 | 87 | 80 | 120 | 0 | | | |
| Thallium | 50 | 0.25 | 50 | 0 | 100 | 80 | 120 | 0 | | | |
| Vanadium | 52 | 0.15 | 50 | 0 | 103 | 80 | 120 | 0 | | | |
| Zinc | 50 | 0.50 | 50 | 0 | 101 | 80 | 120 | 0 | | | |

Qualifiers: ND - Not Detected at the Reporting Limit
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B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

**Initials:** _____



**All calculations are based on raw values.**

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

**CLIENT:** Geocon Environmental
**Work Order:** 052729
**Project:** Greenway Trail - A8050-06-03

# QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-5862** Batch ID: **5862** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **9/26/01** Prep Date: **9/26/01**

LCS SeqNo: **188391**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 46 | 0.25 | 50 | 0 | 93 | 80 | 120 | 0 | | | |
| Arsenic | 46 | 0.25 | 50 | 0 | 93 | 80 | 120 | 0 | | | |
| Barium | 48 | 0.15 | 50 | 0 | 95 | 80 | 120 | 0 | | | |
| Beryllium | 47 | 0.15 | 50 | 0 | 94 | 80 | 120 | 0 | | | |
| Cadmium | 46 | 0.15 | 50 | 0 | 91 | 80 | 120 | 0 | | | |
| Chromium | 46 | 0.15 | 50 | 0 | 93 | 80 | 120 | 0 | | | |
| Cobalt | 46 | 0.15 | 50 | 0 | 93 | 80 | 120 | 0 | | | |
| Copper | 50 | 0.15 | 50 | 0 | 99 | 80 | 120 | 0 | | | |
| Lead | 47 | 0.25 | 50 | 0 | 94 | 80 | 120 | 0 | | | |
| Molybdenum | 48 | 0.25 | 50 | 0.11 | 95 | 80 | 120 | 0 | | | |
| Nickel | 46 | 0.15 | 50 | 0.042 | 93 | 80 | 120 | 0 | | | |
| Selenium | 45 | 0.25 | 50 | 0 | 90 | 80 | 120 | 0 | | | |
| Silver | 47 | 0.15 | 50 | 0 | 94 | 80 | 120 | 0 | | | |
| Thallium | 48 | 0.25 | 50 | 0.19 | 95 | 80 | 120 | 0 | | | |
| Vanadium | 46 | 0.15 | 50 | 0 | 93 | 80 | 120 | 0 | | | |
| Zinc | 46 | 0.50 | 50 | 0 | 91 | 80 | 120 | 0 | | | |

**Qualifiers:**
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M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

**Initials:** _____



**All calculations are based on raw values.**

## Diane

**From:** John Juhrend [juhrend@geoconinc.com]
**Sent:** Wednesday, September 26, 2001 12:57 PM
**To:** Diane Galvan
**Subject:** FW: Greenway Trail 52729

Diane -

Last request for this project I think! Please include a material description
for all samples - including paint chip, soil and gravel ballast. If it is
easier to overnight all the samples back to me for tomorrow morning delivery
thats OK too? Let me know, Thanks,

John

-----Original Message-----
From: John Juhrend [mailto:juhrend@geoconinc.com]
Sent: Wednesday, September 26, 2001 12:49 PM
To: Diane Galvan
Subject: FW: Greenway Trail 52729

Diane -

Per our conversation, please add total iron for the four ballast samples to
be analyzed for metal scans (not including mercury). Please also let me know
when you can send me the sample descriptions. I have to send the analytical
and material descriptions to a landfill later today. Thanks for the help,

John

-----Original Message-----
From: John Juhrend [mailto:juhrend@geoconinc.com]
Sent: Wednesday, September 26, 2001 9:09 AM
To: Diane Galvan
Subject: Greenway Trail 52729

Diane -

I also need to know ASAP the matrix of each sample (gravel or soil)
previously tested for metals scans and which samples were crushed prior to
testing. Please confirm receipt and call with any questions. Thanks,

John

-----Original Message-----
From: John Juhrend [mailto:juhrend@geoconinc.com]
Sent: Tuesday, September 25, 2001 6:30 PM
To: Diane Galvan

Subject: Lab ID 52729 RUSH

Diane -

Please re-analyze the following for metal scans under 48-hr rush (need Thursday afternoon):

ATL 52729 Geocon A8050-06-03

| | | |
|---|---|---|
| 049 | T15-.5 | CRUSH DARK SLAG ROCK SAMPLE & ANALYZE |
| 051 | T16-.5 | CRUSH LIGHT SLAG ROCK SAMPLE & ANALYZE |
| 076 | T28-.5 | CRUSH LIGHT SLAG ROCK SAMPLE & ANALYZE |
| 086 | T31 SLAG | CRUSH DARK SLAG ROCK SAMPLE & ANALYZE |

The light slag samples should be light grayish gravel size material with rust stained inclusions of iron. The dark slag is heavy dark brown gravel
size material. Please confirm the material type before testing and confirm
receipt of this e-mail. Thanks,

John

John E. Juhrend, PE, CEG
Geocon Consultants, Inc.
11375 Sunrise Park Drive, Suite 100
Rancho Cordova, CA 95742
916.852.9118 Tel
916.852.9132 Fax
juhrend@geoconinc.com

# CHAIN OF CUSTODY RECORD

Pg 1 of


**Advanced Technology Laboratories**
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040


**FOR LABORATORY USE ONLY:**

P.O.#:

Logged By: Date: Time:

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☑

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☑
2. HEADSPACE (VOA) Y☐ N☐
3. CONTAINER INTACT Y☑ N☐
4. SEALED Y☐ N☐
5. # OF SPLS MATCH COC Y☒ N☐
6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SACRAMENTO
Address: 11375 Sunrise Park Drive, Suite 100
City: Rancho Cordova State: CA Zip Code: 95742
TEL: ( 916 ) 852-9118
FAX: ( 916 ) 852-9132
Attn: JOHN JUHREND

Project Name: GREENWAY TRAIL
Project #: A8050-06-03
Sampler: (Printed Name) JOHN JUHREND (Signature)

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Golden State Overnight Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) ATL Date: 8/24/01 Time: 14:00
Relinquished by: (Signature and Printed Name) Date: 8/24/01 Time: Received by: (Signature and Printed Name) Date: 8/24/01 Time: 5:30 pm

I hereby authorize ATL to perform the work indicated below
Project Mgr /Submitter: JOHN JUHREND 8/23/01
Print Name Date
Signature

Send Report To:
Attn:
Co:
Address
City State Zip

Bill To:
Attn:
Co:
Address
City State Zip

Special Instructions/Comments: HOMOGENIZE SOIL SAMPLES PRIOR TO METALS ANALYSES

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other
☐ Return To:
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 8081 / 8082 (Pesticides/PCB-GC); 8260 (Volatiles-GC/MS); 525 / 8270 (BNA-GC/MS); Metals-Total (CAC-6010 / 7000); 8015M TPHG/BTEX (COMBINATION); 8015M TPHD (Diesel-GC)

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☒ RWQCB ☐ WIP ☐ NAVY ☐ CT ☐ OTHER

| TIME | LAB USE ONLY: Batch #: Lab No. | Sample Description: Sample I.D. | Date | Time | SOLID • SOIL • SLUDGE | TAT | Container(s) # | Container(s) Type | PRESERVATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 42729-001 | T1-.5 | 8/23/01 | 0740 | X | E | 1 | BP | C | |
| | 42729-002 | T1-1 | | 0745 | | | 1 | BP | | |
| | 42729-003 | T1-2 | | 0750 | | | 1 | BP | | |
| | -004 | T2-.5 | | 0800 | | | 1 | TM | | |
| | -005 | T2-1 | | 0805 | | | 1 | BP | | |
| | -006 | T2-2 | | 0810 | | | 1 | BP | | |
| | -007 | T3-.5 | | 0850 | | | 1 | BP | | |
| | -008 | T3-1 | | 0855 | | | 1 | BP | | |
| | -009 | T3-2 | | 0900 | | | 1 | BP | | |
| | -010 | T3-TIE G | | 0910 | | | 1 | TM | | |

* TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=$HNO_3$ S=$H_2SO_4$ C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report, Yellow to folder, Pink to submitter.

DIANE PLEASE CALL JJ FOR LAB ASSIGNMENTS & PROCEDURES

# CHAIN OF CUSTODY RECORD

Pg 2 of


**Advanced Technology Laboratories**
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040


**FOR LABORATORY USE ONLY:**

P.O.#:

Logged By: Date: Time:

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☑

Sample Condition Upon Receipt: 1. CHILLED Y ☑ N ☐ 2. HEADSPACE (VOA) Y ☐ N ☐ 3. CONTAINER INTACT Y ☑ N ☐ 4. SEALED Y ☐ N ☑ 5. # OF SPLS MATCH COC Y ☑ N ☐ 6. PRESERVED Y ☐ N ☐

Client: GEOCON ENVIRONMENTAL - SACRAMENTO
Attn: John Juhrend
Address: 11375 Sunrise Park Drive, Suite 100
City: Rancho Cordova State: CA Zip Code: 95742
TEL: ( 916 ) 852-9118
FAX: ( 916 ) 852-9132

Project Name: Greenway Trail
Project #: A8050-06-03
Sampler: (Printed Name) John Juhrend (Signature)

Relinquished by: (Signature and Printed Name) Julie Espinoza Date: Time:
Received by: (Signature and Printed Name) Golden State Overnight Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) ATL Date: 8/24/01 Time: 14:00
Relinquished by: (Signature and Printed Name) TM Date: 8/24/01 Time:
Received by: (Signature and Printed Name) Date: 8/24/01 Time: 5:30p

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: John Juhrend (Print Name) Date
Signature

Send Report To: Attn: Co: Address: City State Zip

Bill To: Attn: Co: Address: City State Zip

Special Instructions/Comments: Homogenize soil samples prior to metals analyses

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal: ☐ Laboratory Standard ☐ Other ☐ Return To:
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 8081 / 8082 (Pesticides/PCB-GC); 8260 / 8240 (Volatiles-GC/MS); 625 / 8270 (BNA-GC/MS); Metals-Total (CAC-6010 / 7000); 8015M TPHG/BTEX (COMBINATION); 8015M TPHD (Diesel-GC)

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER PAINT CHIP

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☐ OTHER

| ITEM | LAB USE ONLY: Batch #: Lab No. | Sample Description: Sample I.D. | Date (2001) | Time | SOLID • SOIL • SLUDGE | OIL • SOLVENT • LIQUID | WATER • WASTEWATER | DRINKING WATER | AIR | WIPE • FILTER | OTHER PAINT CHIP | TAT | Container(s) # | Type | PRESERVATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 229-011 | SD Box #1 | 8/23 | 0925 | X | | | | | | X | E | 1 | BP | C | |
| | -012 | SD Box #1 Soil | | 0930 | X | | | | | | | | 1 | BP | | |
| | -013 | S1-.5 | | 0935 | | | | | | | | | 1 | BP | | |
| | -014 | T4-.5 | | 1000 | | | | | | | | | 1 | BP | | |
| | -015 | T4-1 | | 1005 | | | | | | | | | 1 | BP | | |
| | -016 | T4-2 | | 1010 | | | | | | | | | 1 | BP | | |
| | -017 | S2-.5 | | 1020 | | | | | | | | | 1 | TM | | |
| | -018 | S3-0 | | 1030 | | | | | | | | | 1 | BP | | |
| | -019 | S4-0 | | 1040 | | | | | | | | | 1 | BP | | |
| | -020 | T5-.5 | | 1120 | | | | | | | | | 1 | BP | | |

* TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=$HNO_3$ S=$H_2SO_4$ C=4°C Z=Zn(AC)$_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report, Yellow to folder, Pink to submitter.

# CHAIN OF CUSTODY RECORD

Pg 3 of

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

**FOR LABORATORY USE ONLY:**

P.O.#:

Logged By: Date: Time:

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☑

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☑ 4. SEALED Y☐ N☑
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☑ N☐
3. CONTAINER INTACT Y☑ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SACRAMENTO
Attn: John Juhrend
Address: 11375 Sunrise Park Drive, Suite 100
City: Rancho Cordova State: CA Zip Code: 95742
TEL: ( 916 ) 852-9118
FAX: ( 916 ) 852-9132

Project Name: Greenway Trail Project #: A8050-06-03 Sampler: (Printed Name) John Juhrend (Signature)

Relinquished by: (Signature and Printed Name) John Alsquivel Date: Time: Received by: (Signature and Printed Name) Golden State Overnight Date: 8/23/01 Time: 14:00
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) ATL Date: Time:
Relinquished by: (Signature and Printed Name) JA-1 Date 8/24/01 Time: Received by: (Signature and Printed Name) Date: 8/24/01 Time: 5:30pm

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: John Juhrend
Print Name Date
Signature

Send Report To: Attn: Co: Address: City State Zip

Bill To: Attn: Co: Address: City State Zip

Special Instructions/Comments: Homogenize Soil Samples Prior to metals Analyses

Unless otherwise requested, all samples will be disposed 45 days after receipt

Sample Archive/Disposal: ☐ Laboratory Standard ☐ Other ☐ Return To:
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 8081 / 8082 (Pesticides/PCB-GC) | 8260 (Volatiles-GC/MS) | 8225 / 8270 (BNA-GC/MS) | Metals-Total (CAC-6010 / 7000) | 8015M TPHG/BTEX (COMBINATION) | 8015M TPHD (Diesel-GC)

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE | OIL • SOLVENT • LIQUID | WATER • WASTEWATER | DRINKING WATER | AIR | WIPE • FILTER | OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☐ OTHER

LAB USE ONLY: Batch #:

| ITEM | Lab No. | Sample Description 2001: Sample I.D. | Date | Time | SOLID • SOIL • SLUDGE | TAT | Container(s) # | Container(s) Type | PRESERVATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | -021 | T5-1 | 8/23 | 125 | X | E | 1 | BP | C | |
| | -022 | T5-2 | | 1130 | | | 1 | BP | | |
| | -023 | T5-.5 | | 1145 | | | 1 | TVM | | |
| | -024 | T6-.5 | | 1200 | | | 1 | BP | | |
| | -025 | T6-1 | | 1205 | | | 1 | BP | | |
| | -026 | T6-2 | | 1210 | | | 1 | BP | | |
| | -027 | S6-.5 | | 1220 | | | 1 | TVM | | |
| | -028 | S7-.5 | | 1215 | | | 1 | TVM | | |
| | -029 | RET WALL #1 | | 1345 | X | | 1 | BP | | |
| | -030 | RET WALL 2 / SOIL | | 1350 | | | 1 | BP | | |

* TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Preservatives: H=Hcl N=$HNO_3$ S=$H_2SO_4$ C=4°C Z=Zn(AC)$_2$ O=NaOH T=$Na_2S_2O_3$

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

# CHAIN OF CUSTODY RECORD

Pg 4 of

**Advanced Technology Laboratories**
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

**FOR LABORATORY USE ONLY:**

P.O.#:
Logged By: Date: Time:

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SACRAMENTO
Attn: John Juhrend
Address: 11375 Sunrise Park Drive, Suite 100
City: Rancho Cordova State: CA Zip Code: 95742
TEL: ( 916 ) 852-9118
FAX: ( 916 ) 852-9132

Project Name: Greenway Trail
Project #: A8050-06-03
Sampler: John Juhrend (Printed Name) (Signature)

Relinquished by: (Signature and Printed Name) John A. Juhrend Date: Time:
Received by: (Signature and Printed Name) Golden State Overnight Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: 8/24/01 Time: 4:00
Relinquished by: (Signature and Printed Name) JH Date 8/24/01 Time:
Received by: (Signature and Printed Name) Date: 8/24/01 Time: 5:20 pm

I hereby authorize ATL to perform the work indicated below
Project Mgr /Submitter: John Juhrend
Print Name Date
Signature

Send Report To:
Attn:
Co:
Address
City State Zip

Bill To:
Attn:
Co:
Address
City State Zip

Special Instructions/Comments: Homogenize Soil Samples Prior to metals Analyses

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other
☐ Return To:
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 8081 / 8082 (Pesticides/PCB-GC); 8260 (Volatiles-GC/MS); 625 / 8270 (BNA-GC/MS); Metals-Total (CAC 6010 / 7000); 8015M TPHG/BTEX (COMBINATION); 8015M TPHD (Diesel-GC)

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☐ OTHER

| ITEM | LAB USE ONLY: Batch #: Lab No. | Sample Description 2001 Sample I.D. | Date | Time | 8081 / 8082 (Pesticides/PCB-GC) | 8260 (Volatiles-GC/MS) | 625 / 8270 (BNA-GC/MS) | Metals-Total (CAC 6010 / 7000) | 8015M TPHG/BTEX (COMBINATION) | 8015M TPHD (Diesel-GC) | SOLID • SOIL • SLUDGE | OIL • SOLVENT • LIQUID | WATER • WASTEWATER | DRINKING WATER | AIR | WIPE • FILTER | OTHER | TAT | Container(s) # | Container(s) Type | PRESERVATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -031 | T7-.5 | 8/23 | 1355 | | | | | | | X | | | | | | | E | 1 | BP | C | |
| | -032 | T7-1 | | 1400 | | | | | | | | | | | | | | | 1 | BP | C | |
| | -033 | T7-2 | | 1405 | | | | | | | | | | | | | | | 1 | BP | C | |
| | -034 | T7-T.C.E | | 1410 | | | | | | | | | | | | | | | 1 | TM | | |
| | -035 | T8-1 | | 1420 | | | | | | | | | | | | | | | 1 | TM | | |
| | -036 | T8-5.5 | | 1450 | | | | | | | | | | | | | | | 1 | TM | | |
| | -037 | T8-5.5 | | 1455 | | | | | | | | | | | | | | | 1 | TM | | |
| | -038 | T8-7 | | 1600 | | | | | | | | | | | | | | | 1 | TM | | |
| | -039 | T9-1 | | 1530 | | | | | | | | | | | | | | | 1 | TM | | |
| | -040 | T10-1 | | 1640 | | | | | | | | | | | | | | | 1 | TM | | |

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=$HNO_3$ S=$H_2SO_4$ C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

# CHAIN OF CUSTODY RECORD



Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#:
Logged By: Date: Time:

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SACRAMENTO
Address: 11375 Sunrise Park Drive, Suite 100
City: Rancho Cordova State: CA Zip Code: 95742
TEL: ( 916 ) 852-9118
FAX: ( 916 ) 852-9132
Attn: John Juhrend
Project #: A8050-06-03
Sampler: John Juhrend (Printed Name) (Signature)
Project Name: Greenway Trail

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Golden State Overnight Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) ATL Date: 8/24/01 Time: 14:00
Relinquished by: (Signature and Printed Name) Date: 8/24/01 Time: Received by: (Signature and Printed Name) Date: 8/24/01 Time: 5:20 pm

I hereby authorize ATL to perform the work indicated below
Project Mgr /Submitter: John Juhrend (Print Name) Date
Signature

Send Report To:
Attn:
Co:
Address
City State Zip

Bill To:
Attn:
Co:
Address
City State Zip

Special Instructions/Comments: Homogenize Soil Samples Prior to Metal Analyses

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other
☐ Return To:
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 8081 / 8082 (Pesticides/PCBs-GC); 8260 (Volatiles-GC/MS); 625 / 8270 (BNA-GC/MS); Metals Total (CAC-6010 / 7000); 8015M TPHG/BTEX (COMBINATION); 8015M TPHD (Diesel-GC)

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER SLUDGE

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☐ OTHER

| TIME | LAB USE ONLY: Batch #: Lab No. | Sample Description: Sample I.D. | Date | Time | SOLID • SOIL • SLUDGE | OIL • SOLVENT • LIQUID | WATER • WASTEWATER | DRINKING WATER | AIR | WIPE • FILTER | OTHER SLUDGE | TAT | Container(s) # | Type | PRESERVATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -041 | TS8-0 | 8/23 | 1645 | X | | | | | | X | E | 1 | TM | C | |
| | -042 | TI1-2 | | 1700 | | | | | | | | | 1 | TM | | |
| | -043 | TR-.5 | | 1730 | | | | | | | | | 1 | BP | | |
| | -044 | TR-1 | | 1735 | | | | | | | | | 1 | BP | | |
| | -045 | TR-2 | | 1740 | | | | | | | | | 1 | BP | | |
| | -046 | TS9-0 | | 1800 | | | | | | | | | 1 | TM | | |
| | -047 | TI3-2 | | 1815 | | | | | | | | | 1 | TM | | |
| | -048 | TI4-1 | | 1900 | | | | | | | | | 1 | TM | | |
| | -049 | TI5-.5 | | 1905 | | | | | | | | | 2 | BP | | 1 BAG HOLD 10 LB SOIL |
| | -050 | TI5-1 | | 1910 | | | | | | | | | 1 | BP | | |

* TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Preservatives: H=HCl N=$HNO_3$ S=$H_2SO_4$ C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

DISTRIBUTION: White with report, Yellow to folder, Pink to submitter.

# CHAIN OF CUSTODY RECORD

Pg 6 of

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

**FOR LABORATORY USE ONLY:**

P.O.#:

Logged By: Date: Time:

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☑

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☑ 4. SEALED Y☐ N☑
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☑ N☐
3. CONTAINER INTACT Y☑ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SACRAMENTO
Address: 11375 Sunrise Park Drive, Suite 100
City: Rancho Cordova State: CA Zip Code: 95742
TEL: ( 916 ) 852-9118
FAX: ( 916 ) 852-9132

Attn: John Juhrend

Project Name: Greenway Trail
Project #: A8050.06-03
Sampler: John Juhrend (Printed Name) (Signature)

Relinquished by: (Signature and Printed Name) Julie Alegquire Date: Time:
Received by: (Signature and Printed Name) Golden State Overnight Date: 8/24/01 Time: 14:00

Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: Time:

Relinquished by: (Signature and Printed Name) JA Date: 8/24/01 Time:
Received by: (Signature and Printed Name) Date: 8/24/01 Time: 5:30pm

I hereby authorize ATL to perform the work indicated below.
Project Mgr./Submitter: John Juhrend
Print Name Date
Signature

Send Report To:
Attn:
Co:
Address
City State Zip

Bill To:
Attn:
Co:
Address
City State Zip

Special Instructions/Comments: Homogenize Soil Samples Prior to Metal Analyses

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other
☐ Return To:
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL

Circle or Add Analysis(es) Requested: 8081 / 8082 (Pesticides/PCB-GC); 8260 (Volatiles-GC/MS); 625 / 8270 (BNA-GC/MS); Metals: Total (CAC-6010 / 7000); 8015M TPHG/BTEX (COMBINATION); 8015M TPHD (Diesel-GC)

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☐ OTHER

LAB USE ONLY: Batch #:

| ITEM / Lab No. | Sample I.D. | Date | Time | SOLID • SOIL • SLUDGE | TAT | Container(s) # | Type | PRESERVATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | Sample Description 2001 | | | | | | | | |
| -051 | T15-2 | 8/23 | 1915 | X | E | 1 | B | C | |
| -052 | T16-.5 | | 1920 | | | 1 | B | | |
| -053 | T16-1 | | 1925 | | | 1 | B | | |
| -054 | T16-2 | | 1930 | | | 1 | B | | |
| -055 | T17-1.5 | 8/24 | 0700 | | | 1 | T | M | |
| -056 | T18-1 | | 0730 | | | 1 | T | M | |
| -057 | T19-.5 | | 0750 | | | 1 | B | P | |
| -058 | T19-1 | | 0755 | | | 1 | B | P | |
| -059 | T19-2 | | 0800 | | | 1 | B | P | |
| -060 | T20-2 | | 0810 | | | 1 | T | M | |

* TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=$HNO_3$ S=$H_2SO_4$ C=4°C Z=Zn(AC)$_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

# CHAIN OF CUSTODY RECORD

Pg 7 of

**Advanced Technology Laboratories**
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

**FOR LABORATORY USE ONLY:**

P.O.#:
Logged By: Date: Time:

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☑

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☑ 4. SEALED Y☐ N☑
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☑ N☐
3. CONTAINER INTACT Y☑ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SACRAMENTO
Attn: John Juhrend
Address: 11375 Sunrise Park Drive, Suite 100
City: Rancho Cordova State: CA Zip Code: 95742
TEL: ( 916 ) 852-9118
FAX: ( 916 ) 852-9132

Project Name: Greenway Trail
Project #: A8050-06-03
Sampler: John Juhrend (Printed Name) (Signature)

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Goldbert Stat Overnight Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) ATL Date: 8/24/01 Time: 14:00
Relinquished by: (Signature and Printed Name) Date 8/24/01 Time: Received by: (Signature and Printed Name) Date: 8/24/01 Time: 5:30 pm

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: John Juhrend
Print Name Date
Signature

Send Report To: Attn: Co: Address: City State Zip

Bill To: Attn: Co: Address: City State Zip

Special Instructions/Comments: Homogenize Soil Samples Prior to Metals Analyses

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other
☐ Return To:
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(ns) Requested: 8081 / 8082 (Pesticides/PCB-GC); 8260 (Volatiles-GC/MS); 625 / 8270 (BNA-GC/MS); Metals-Total (GFAC-6010 / 7000); 8015M TPHG/BTEX (COMBINATION); 8015M TPHD (Diesel-GC)

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☐ OTHER

| LAB USE ONLY: Batch #: Lab No. | Sample Description: Sample I.D. | Date | Time | SOLID • SOIL • SLUDGE | OIL • SOLVENT • LIQUID | WATER • WASTEWATER | DRINKING WATER | AIR | WIPE • FILTER | OTHER | TAT | Container(s) # | Type | PRESERVATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -061 | T21-1 | 8/23 | 0820 | X | | | | | | | E | 1 | TM | C | |
| -062 | T22-2 | | 0830 | | | | | | | | | 1 | TM | | |
| -063 | T23-1 | | 0840 | | | | | | | | | 1 | TM | | |
| -064 | T24-.5 | | 0915 | | | | | | | | | 1 | BP | | |
| -065 | T24-1 | | 0920 | | | | | | | | | 1 | BP | | |
| -066 | T24-2 | | 0925 | | | | | | | | | 1 | BP | | |
| -067 | S9-0 | | 1000 | | | | | | | | | 1 | BP | | |
| -068 | S10-0 | | 1010 | | | | | | | | | 1 | BP | | |
| -069 | T25-.5 | | 1030 | | | | | | | | | 1 | BP | | |
| -070 | T25-1 | | 1035 | | | | | | | | | 1 | BP | | |

* TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=$HNO_3$ S=$H_2SO_4$ C=4°C Z=Zn(AC)$_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report. Yellow to folder. Pink to submitter.

# CHAIN OF CUSTODY RECORD



**Advanced Technology Laboratories**
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

**FOR LABORATORY USE ONLY:**

P.O.#:

Logged By: Date: Time:

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SACRAMENTO
Attn: John Johnrend
Address: 11375 Sunrise Park Drive, Suite 100
City: Rancho Cordova State: CA Zip Code: 95742
TEL: ( 916 ) 852-9118
FAX: ( 916 ) 852-9132

Project Name: Greenway Trail
Project #: A8050-06-03
Sampler: (Printed Name) John Johnrend (Signature)

Relinquished by: (Signature and Printed Name) Johnrend Date: Time: Received by: (Signature and Printed Name) Golden State Overnight Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) ATL Date: 8/23/01 Time: 4:00
Relinquished by: (Signature and Printed Name) JA Date: 8/24/01 Time: Received by: (Signature and Printed Name) Date: 8/24/01 Time: 5:30pm

I hereby authorize ATL to perform the work indicated below.
Project Mgr /Submitter: John Johnrend
Print Name Date
Signature

Send Report To: Attn: Co: Address: City State Zip

Bill To: Attn: Co: Address: City State Zip

Special Instructions/Comments: Homogenize Soil Samples Prior to metals Analyses

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Sample Archive/Disposal:
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☐ Other
☐ Return To:
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 8081 / 8082 (Pesticides/PCB-GC); 8260 (Volatiles-GC/MS); 625 / 8270 (BNA-GC/MS); Metals-Total (CAC-6010 / 7000); 8015M TPHG/BTEX (COMBINATION); 8015M TPH/D (Diesel-GC)

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

LAB USE ONLY: Batch #:

| ITEM | Lab No. | Sample Description 2001 / Sample I.D. | Date | Time | SOLID • SOIL • SLUDGE | TAT | Container(s) # | Type | PRESERVATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | -071 | T25-2 | 8/23 | 1040 | X | E | 1 | 6P | L | |
| | -072 | T26-5 | | 1100 | | | 1 | BP | | |
| | -073 | T26-1 | | 1105 | | | 1 | BP | | |
| | -074 | T26-2 | | 1110 | | | 1 | BP | | |
| | -075 | T27-1 | | 1130 | | | 1 | TM | | |
| | -076 | T28-.5 | | 1210 | | | 1 | BP | | |
| | -077 | T28-1 | | 1215 | | | 1 | BP | | |
| | -078 | T28-2 | | 1220 | | | 1 | BP | | |
| | -079 | T29-1 | | 1250 | | | 1 | TM | | |
| | -080 | T30-.5 | | 1330 | | | 1 | BP | | |

QA/QC: RTNE ☒ RWQCB ☐ WIP ☐ NAVY ☐ CT ☐ OTHER

* TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

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DISTRIBUTION: White with report, Yellow to folder, Pink to submitter.

# CHAIN OF CUSTODY RECORD

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1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

**FOR LABORATORY USE ONLY:**

P.O.#:

Logged By: Date: Time:

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☒ N☐
3. CONTAINER INTACT Y☒ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - SACRAMENTO
Attn: John Juhrend
Address: 11375 Sunrise Park Drive, Suite 100
City: Rancho Cordova State: CA Zip Code: 95742
TEL: ( 916 ) 852-9118
FAX: ( 916 ) 852-9132

Project Name: Greenway Trail
Project #: A8050-06-03
Sampler: John Juhrend (Printed Name) (Signature)

| | | | |
|---|---|---|---|
| Relinquished by: (Signature and Printed Name) John A. E. Squivel | Date: Time: | Received by: (Signature and Printed Name) Golden State Overnight | Date: Time: |
| Relinquished by: (Signature and Printed Name) | Date: Time: | Received by: (Signature and Printed Name) | Date: 8/24/01 Time: 1400 |
| Relinquished by: (Signature and Printed Name) JA 8/24/01 | Date: Time: | Received by: (Signature and Printed Name) | Date: 8/24/01 Time: 5:30 p.m. |

I hereby authorize ATL to perform the work indicated below.
Project Mgr /Submitter: John Juhrend (Print Name) Date
Signature

Send Report To:
Attn:
Co:
Address
City State Zip

Bill To:
Attn:
Co:
Address
City State Zip

Special Instructions/Comments: Homogenize Soil Samples Prior to Metals Analyses

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other
☐ Return To:
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 8081 / 8082 (Pesticides/PCBs-GC); 8260 (Volatiles-GC/MS); 625 / 8270 (BNA-GC/MS); Metals-Total (CAC 6010 / 7000); 8015M TPHG/BTEX (COMBINATION); 8015M TPHD (Diesel-GC)

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☒ RWQCB ☐ WIP ☐ NAVY ☐ CT ☐ OTHER

LAB USE ONLY: Batch #:

| ITEM | Lab No. | Sample Description 2001 / Sample I.D. | Date | Time | SOLID | TAT | # | Type | PRESERVATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | -081 | T30-1 | 8/23 | 1335 | X | E | 1 | BP | C | |
| | -082 | T30-2 | | 1340 | | | 1 | BP | | |
| | -083 | T31-.5 | | 1315 | | | 1 | BP | | |
| | -084 | T31-1 | | 1350 | | | 1 | BP | | |
| | -085 | T31-2 | | 1355 | | | 1 | BP | | |
| | -086 | T31-SLAG | | 1400 | | | 1 | BP | | |
| | ~~-087~~ | | | | | | | | | |
| | ~~-088~~ | | | | | | | | | |
| | ~~-089~~ | | | | | | | | | |
| | ~~-090~~ | | | | | | | | | |

* TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=$HNO_3$ S=$H_2SO_4$ C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report. Yellow to folder. Pink to submitter.

**Client:** Geocon Environmental
**Attn:** John Juhrend

**Client's Project:** Greenway Trail, A8050-06-03

**Date Received:** 08/24/01
**Date Sampled:** 08/23/01

| Lab No. | Sample I.D. | Sample Description |
|---|---|---|
| 052729-001A | T1-.5 | Gravel with Light Slag |
| 052729-002A | T1-1 | Soil |
| 052729-003A | T1-2 | Soil |
| 052729-005A | T2-1 | Soil |
| 052729-006A | T2-2 | Soil |
| 052729-007A | T3-.5 | Gravel with Light Slags |
| 052729-008A | T3-1 | Soil (wet) |
| 052729-009A | T3-2 | Soil |
| 052729-011A | SD Box #1 | Paint Chips |
| 052729-012A | SD Box #1 Soil | Soil |
| 052729-014A | T4-.5 | Gravel with Light Slag |
| 052729-015A | T4-1 | Soil |
| 052729-016A | T4-2 | Soil |
| 052729-018A | S3-0 | Soil and Gravel |
| 052729-019A | S4-0 | Soil and Gravel |
| 052729-020A | T5-.5 | Gravel |
| 052729-021A | T5-1 | Soil |
| 052729-022A | T5-2 | Soil |
| 052729-024A | T6-.5 | Soil and Gravel |
| 052729-025A | T6-1 | Soil |

**Client:** Geocon Environmental
**Attn:** John Juhrend

**Client's Project:** Greenway Trail, A8050-06-03

**Date Received:** 08/24/01
**Date Sampled:** 08/23/01

| Lab No. | Sample I.D. | Sample Description |
|---|---|---|
| 052729-026A | T6-2 | Soil |
| 052729-029A | RET WALL #1 | Paint Chips |
| 052729-030A | RET WALL #1 Soil | Soil |
| 052729-031A | T7-.5 | Gravel with Light Slag |
| 052729-032A | T7-1 | Soil |
| 052729-033A | T7-2 | Soil |
| 052729-043A | T12-.5 | Dark Slags |
| 052729-044A | T12-1 | Soil |
| 052729-045A | T12-2 | Soil |
| 052729-049A (1 of | T15-.5 | Dark Slag |
| 052729-049A (2 of | T15-.5 | Soil and Dark Slag |
| 052729-050A | T15-1 | Soil |
| 052729-051A | T15-2 | Soil |
| 052729-052A | T16-.5 | Light Slag |
| 052729-053A | T16-1 | Soil |
| 052729-054A | T16-2 | Soil |
| 052729-057A | T19-.5 | Gravel |
| 052729-058A | T19-1 | Gravel |
| 052729-059A | T19-2 | Soil |
| 052729-063A | T23-1 | Gravel with Dark Slags |

**Client:** Geocon Environmental
**Attn:** John Juhrend

**Client's Project:** Greenway Trail, A8050-06-03

**Date Received:** 08/24/01
**Date Sampled:** 08/23/01

| Lab No. | Sample I.D. | Sample Description |
|---|---|---|
| 052729-064A | T24-.5 | Gravel and Dark Slags (small) |
| 052729-065A | T24-1 | Soil |
| 052729-066A | T24-2 | Soil |
| 052729-067A | S9-0 | Soil |
| 052729-068A | S10-0 | Soil |
| 052729-069A | T25-.5 | Gravel with Dark Slag |
| 052729-070A | T25-1 | Soil and Gravel |
| 052729-071A | T25-2 | Soil |
| 052729-072A | T26-.5 | Gravel with Light Slags |
| 052729-073A | T26-1 | Soil |
| 052729-074A | T26-2 | Soil |
| 052729-076A | T28-.5 | Soil, Gravel and Light Slag |
| 052729-077A | T28-1 | Soil |
| 052729-078A | T28-2 | Soil |
| 052729-080A | T30-.5 | Soil and Gravel |
| 052729-081A | T30-1 | Soil |
| 052729-082A | T30-2 | Soil |
| 052729-084A | T31-1 | Soil and Gravel |
| 052729-085A | T31-2 | Soil/Clay |
| 052729-086A | T31-SLAG | Dark Slag |

**Diane**

**From:** John Juhrend [juhrend@geoconinc.com]
**Sent:** Wednesday, September 26, 2001 12:57 PM
**To:** Diane Galvan
**Subject:** FW: Greenway Trail 52729

Diane -

Last request for this project I think! Please include a material description
for all samples - including paint chip, soil and gravel ballast. If it is
easier to overnight all the samples back to me for tomorrow morning delivery
thats OK too? Let me know, Thanks,

John

-----Original Message-----
From: John Juhrend [mailto:juhrend@geoconinc.com]
Sent: Wednesday, September 26, 2001 12:49 PM
To: Diane Galvan
Subject: FW: Greenway Trail 52729

Diane -

For our conversation, please add total iron for the four ballast samples to
be analyzed for metal scans (not including mercury). Please also let me know
when you can send me the sample descriptions. I have to send the analytical
and material descriptions to a landfill later today. Thanks for the help,

John

-----Original Message-----
From: John Juhrend [mailto:juhrend@geoconinc.com]
Sent: Wednesday, September 26, 2001 9:09 AM
To: Diane Galvan
Subject: Greenway Trail 52729

Diane -

I also need to know ASAP the matrix of each sample (gravel or soil) previously tested for metals scans and which samples were crushed prior to
testing. Please confirm recoipt and call with any questions. Thanks,

John

-----Original Message-----
From: John Juhrend [mailto:juhrend@geoconinc.com]
Sent: Tuesday, September 25, 2001 6:30 PM
To: Diane Galvan