PHASE II ENVIRONMENTAL SITE ASSESSMENT

Greenway Trail Project
Whittier, California

PREPARED FOR:

HYDE MILLER OWEN & TROST
REPRESENTING THE CITY OF WHITTIER

PREPARED BY:

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GEOCON

GEOCON PROJECT NO. A8050-06-03

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GEOCON
CONSULTANTS, INC.
ENVIRONMENTAL ▪ GEOTECHNICAL ▪ MATERIALS

Project No. A8050-06-03
October 11, 2001

Mr. Kirk E. Trost
Hyde, Miller, Owen & Trost
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Sacramento, California 95814

Subject: GREENWAY TRAIL PROJECT
ABANDONED UNION PACIFIC RAILROAD CORRIDOR
WHITTIER, CALIFORNIA
PHASE II ENVIRONMENTAL SITE ASSESSMENT

Dear Mr. Trost:

In accordance with the *Agreement for Professional Services* dated July 27, 2001, Geocon Consultants, Inc. has performed a Phase II Environmental Site Assessment of the subject site. The *Site* consists of a 5.2-mile long abandoned Union Pacific railroad corridor located in Whittier, California. The *Site* is currently being evaluated for purchase by the City of Whittier for potential redevelopment as a pedestrian trail and community park system.

The accompanying report summarizes the services performed by Geocon including the performance of asbestos and lead-based paint surveys of four railroad bridge structures located within the *Site*, the excavation of 31 shallow exploratory trenches, surficial soil sampling and analytical testing.

If there are any questions concerning the contents of this report, or if Geocon may be of further service, please contact the undersigned at your convenience.

Sincerely,

GEOCON CONSULTANTS, INC.

REGISTERED PROFESSIONAL ENGINEER
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LIST OF ACRONYMS

AST	Aboveground Storage Tank
ATL	Advanced Technology Laboratories
bgs	Below Ground Surface
BTEX	Benzene, Toluene, Ethylbenzene and Total Xylenes
CCR	California Code of Regulations
CEG	Certified Engineering Geologist
CHG	Certified Hydro Geologist
DI-WET	Waste Extraction Test using Deionized Water
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
GPS	Global Positioning System
HMO&T	Hyde Miller Owen & Trost
HSC	Health and Safety Code
LA & SL	Los Angeles & Salt Lake Railroad
MP	Mile Post
mg/kg	milligrams per kilogram
mg/l	milligrams per liter
µg/kg	micrograms per kilogram
PCBs	Polychlorinated Biphenyls
PE	Professional Engineer
PRGs	Preliminary Remediation Goals
QA/QC	Quality Assurance/Quality Control
RECs	Recognized Environmental Conditions
ROW	Right of Way
SP	Southern Pacific Railroad
STLC	Soluble Threshold Limit Concentration
SVOCs	Semi-Volatile Organic Compounds
TPHd	Total Petroleum Hydrocarbons - diesel
TPHg	Total Petroleum Hydrocarbons - gasoline
TPHmo	Total Petroleum Hydrocarbons – motor oil
TTLC	Total Threshold Limit Concentration
UCL	Upper Confidence Limit
UP	Union Pacific Railroad
USA	Underground Service Alert
UST	Underground Storage Tank
VOCs	Volatile Organic Compounds
WET	Waste Extraction Test
yd^3	Cubic Yards

1.0 INTRODUCTION

1.1 Site Location and Existing Improvements

Geocon Consultants, Inc. has prepared this Phase II Environmental Site Assessment (ESA) for the Greenway Trail Project under contract with Hyde Miller Owen & Trost (HMO&T) representing the City of Whittier. The *Site* consists of an approximate 5.2-mile long abandoned Union Pacific (UP) railroad corridor located in the City of Whittier, California. The corridor was formerly operated by the Los Angeles & Salt Lake (LA & SL) railroad.

The UP right of way (ROW) is generally 40 to 100 feet in width and extends from the mainline railroad connections near the San Gabriel River (Mile Post [MP] 0.0) to the former Southern Pacific (SP) railroad mainline connection south of Mills Avenue (MP 5.2). A widened area occurs south of Philadelphia Street at the site of the former LA & SL rail station.

The railroad tracks largely remain in-place within the site boundaries with the exception of removed track sections near the mainline connection west of the 605 Freeway, immediately south of Hadley Street, and from north of Gunn Avenue to south of Mills Avenue. A double-ended passing track exists between Philadelphia Street and Penn Street. Other existing structural improvements within the *Site* include bridge and culvert structures, roadway signal crossing equipment and abandoned battery boxes. Building improvements were not noted within the *Site*.

Existing buried utilities within the *Site* include but are not limited to City of Whittier water, storm drain and sewer lines, and Southern California Gas natural gas lines. Petroleum pipelines operated by Mobile, Standard Oil and Southern Pacific Pipelines cross the *Site* near the Whittier Boulevard and Gunn Avenue crossings. The majority of the electric, cable and telephone utilities appear to be located within the city street easements. Information obtained from UP indicates that fiber optic cables are not located within the *Site*.

Review of information provided by HMO&T indicates that approximately thirty UP lease agreements exist for the *Site*. The lease agreements were generally prepared for adjacent property owners for landscaping, vehicle parking, fence and building encroachments, and driveway access purposes. Utility access agreements also exist for natural gas and petroleum pipeline crossings. Building and facility encroachments include a lease for an automobile repair shop building south of the Whittier Boulevard overcrossing (MP 3.11) and a lumber yard and garage south of the Philadelphia Street crossing (MP 2.3).

The approximate location of the *Site* is depicted on the Project Location Map, Figure 1. Site Plans prepared from City of Whittier maps dated 1962 are presented on Figures 2a through 2i. Railroad Right of Way and Track Maps for the *Site* dated 1918 are presented in Appendix A.

1.2 Background

Geocon previously completed a Phase I ESA for the *Site* dated September 22, 2000. The Phase I ESA concluded that the railroad improvements at the *Site* were constructed prior to 1925. Before construction of the railroad corridor, commercial operations near the *Site* included agricultural, lumber, feed, fruit packing and oil storage facilities. Former or existing railroad maintenance, refueling facilities, underground or aboveground storage tanks (USTs/ASTs) were not identified within the site boundaries.

The Phase I ESA report identified potential recognized environmental conditions (RECs) at the *Site* including the following:

- Potential heavy metal soil impacts associated with the presence of slag ballast materials over the entire length of the track bed within the UP corridor.
- Potential pesticide, polychlorinated biphenyls (PCBs) and herbicide soil impacts associated with historical weed and brush control activities within the *Site*.
- Areas of past waste dumping within the *Site* adjacent to the Lambert Tire facility (14001 Lambert Road) and at other miscellaneous locations. Waste materials observed included a five-gallon, open bucket of waste oil, yard waste, discarded furniture, paint cans, discarded gasoline-powered lawn mowers, construction debris, discarded tires, and general refuse.
- Potential petroleum hydrocarbon impacted soil within the *Site* associated with the following adjacent facilities:
    - Cool-A-Coo, 12025 Hadley Street, oil observed flowing from this facility onto the *Site*.
    - Mar Vista Molding located south of Penn Street, asphaltic and white resinous material (glue) observed flowing onto the *Site*.
    - American Cushion, 12353 Whittier Boulevard, "dip tank area" documented petroleum hydrocarbon soil contamination adjacent to and possibly within the *Site*.
    - City of Whittier maintenance yard, 12016 Hadley Street, potential petroleum hydrocarbon soil impacts from former waste disposal sumps.
    - Lambert Tires, 14001 Lambert Road, waste oil dumping on ballast and ties.
- Potential PCB-containing electrical equipment within onsite signal-switching structures.

The Phase I ESA report recommended the removal of refuse and waste from the corridor, and soil sampling and analytical testing to determine the potential presence of heavy metal, pesticide, PCB, herbicide and petroleum hydrocarbon site impacts. The report further recommended an engineering

survey of the Site to determine potential adjacent property encroachments. It is understood that Thomsen Engineering, Inc. is currently under contract with HMO&T to provide surveying services for the *Site*.

URS under contract to UP completed a *Summary Report Right of Way Slag Investigation* for the *Site* dated November 14, 2000. The investigation included a site reconnaissance, limited ballast depth measurements, and sampling and analytical testing of two ballast samples (light and dark slag). URS reported that the railroad ballast materials within the *Site* are primarily comprised of light and dark slag and gravels varying from 0 to 8 inches thick and from 8 to 60 feet in width. Based on the results of the field survey, URS estimated that approximately 5,000 cubic yards (yd^3) of slag impacted ballast materials and 6,300 yd^3 of heavy metal impacted soil exist within the *Site*. The analytical data indicated elevated chromium and a vanadium concentration above the California hazardous waste threshold in the dark slag ballast sample. The light slag ballast sample did not contain metal concentrations of concern with respect to California hazardous waste thresholds. Elevated concentrations, above naturally occurring background levels, of barium, chromium, copper and vanadium were further reported for each slag sample.

2.0 PURPOSE AND SCOPE OF SERVICES

The purpose of the Phase II ESA was to evaluate potential impacts to the *Site* from the RECs identified in the Phase I ESA report and if necessary, provide recommendations for site remediation. The following scope of services was performed during the performance of the Phase II ESA.

2.1 Pre-Field Activities

- Received a fully executed UP Right of Entry Agreement and authorization to proceed on August 13, 2001.
- Contacted Underground Service Alert (USA) on August 20, 2001 to attempt to delineate subsurface public utilities and conduits in proximity to the proposed exploration locations.
- Prepared a project *Health and Safety Plan* dated August 21, 2001 to provide guidelines on the use of personal protective equipment and health and safety procedures during the field activities.
- Retained the services of Advanced Technology Laboratories (ATL) located in Signal Hill, California to perform chemical analyses of soil and ballast samples.

2.2 Asbestos and Lead-Containing Paint Bridge Surveys

Mr. David Watts, a California Certified Asbestos Consultant and Lead-Based Paint Inspector/Assessor performed asbestos and lead-containing paint surveys of the four onsite bridge structures on August 17, 2001. The steel bridge structures surveyed include the following:

- 605 Freeway Overcrossing
- Norwalk Boulevard Overcrossing
- Pickering Avenue Overcrossing
- Whittier Boulevard Overcrossing

A separate asbestos and lead-containing paint bridge survey report is presented in Appendix B.

2.3 Field Sampling Activities

Geocon performed 31 exploratory backhoe trenches (T1 through T31) within the *Site* on August 23 and 24, 2001. The majority of the trenches were performed within or adjacent to the existing track bed to evaluate the ballast thickness and to obtain ballast and underlying soil samples for analytical testing. The remaining trenches were performed in areas of suspected surface staining and/or adjacent to facilities with documented soil impacts. With the exception of Trench T8, the trenches were excavated to a maximum depth of 3 feet below the ground surface (bgs). Trench T8 was excavated to a maximum depth of 7 feet bgs in debris fill deposits encountered between Magnolia Avenue and Hadley Street.

Ballast and soil samples were generally collected from each trench at depths of 0.5, 1 and 2 feet bgs. Surface soil samples (S1 through S10) were further collected at selected locations to evaluate the potential presence of pesticides, herbicides, PCBs, lead and arsenic. In addition, paint chip and adjacent

surface soil samples were obtained from aboveground storm drain boxes located at the Pioneer Boulevard crossing and at a retaining wall located between Magnolia Avenue and Hadley Street.

A Trimble® Pathfinder Pro XR™ portable global positioning system (GPS) data collection unit was utilized to locate the exploratory trench and surface soil locations and to identify the specific geographic location of potential RECs and features of importance (e.g. refuse piles) that may have an impact on the future development of the *Site*. The GPS system utilized signals from up to eight available satellites to locate points with sub-meter accuracy. The exploratory trench, paint chip and surface soil locations are depicted on Figures 2a through 2i.

The soil samples were collected in resealable plastic bags or stainless steel sample tubes depending on the analytical testing requirements. After collection, each sample was labeled, placed in a chilled cooler and transported to ATL under standard chain-of-custody procedures for subsequent chemical analyses.

2.4 Laboratory Analyses

Nine bridge material samples were analyzed for asbestos following Environmental Protection Agency (EPA) Test Method 600/M4-82-020 using polarized light microscopy. Eighteen bridge and abutment paint samples were analyzed for total lead content following EPA Test Method 6010B.

Samples obtained from the UP corridor were analyzed for the following:

- Fifty-six ballast and soil samples were analyzed for California Code of Regulations (CCR) Title 22 metals [(1)] by EPA Test Methods 6010B and 7471A (mercury cold vapor technique).
- Twenty-nine soil and paint chip samples were analyzed for total lead and/or arsenic by EPA Test Method 6010B.
- Twenty-six ballast, soil and paint chip samples were subsequently analyzed for soluble arsenic, barium, copper, lead and vanadium following the Waste Extraction Test using citric acid (WET) and de-ionized water (DI-WET) extractants by EPA Test Method 6010B.
- Two soil samples were analyzed for hexavalent chromium by EPA Test Method 7196A.
- Eight soil samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg) following EPA Test Method 8015B modified and benzene, toluene, ethylbenzene and total xylenes (BTEX) by EPA Test Method 8020A.
- Fourteen soil samples were analyzed for total petroleum hydrocarbons as diesel (TPHd) and motor oil (TPHmo) by EPA Test Method 8015B modified.
- Eleven soil samples were analyzed for organochlorine pesticides by EPA Test Method 8081A, PCBs by EPA Test Method 8082 and herbicides by EPA Test Method 8151.
- Six soil samples were analyzed for volatile organic compounds (VOCs) by EPA Test Method 8260B.

- One ballast sample was analyzed for semi-volatile organic compounds (SVOCs) by EPA Test Method 8270C.

(1) CCR Title 22 metals include antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium and zinc.

Quality assurance/quality control (QA/QC) procedures were performed for each method of analysis with specificity for each analyte listed in the test method's QA/QC. Prior to submitting the ballast, soil, paint chip and bridge material samples to the analytical laboratory, the chain-of-custody documentation was reviewed for accuracy and completeness. The laboratory reports were also reviewed for accuracy and consistency with the chain-of-custody documentation and to verify that the laboratory results are within tolerance control limits. Based upon this review process, the data quality appears to be adequate for the purposes of this report.

3.0 INVESTIGATIVE RESULTS

3.1 General Site Observations

The northern and southern portions of the *Site* are generally bordered by residential development. Commercial and to a lesser extent light industrial development occurs between the Magnolia Avenue crossing and the Whittier Boulevard overcrossing. Additional commercial facilities border the *Site* between Calmada Avenue and Mills Avenue adjacent to Lambert Road. Track grades within the *Site* are relatively flat to slightly elevated over the majority of the site boundaries. Elevated track grades and embankment slopes occur in the vicinity of the Norwalk Boulevard, Pickering Avenue and Whittier Boulevard overcrossings. ROW encroachments were noted at several adjacent residential properties. Building encroachments were further noted adjacent and south of the Whittier Boulevard overcrossing.

The northern portion of the *Site* north of the 605 Freeway overcrossing was noted to contain relatively minor debris including sections of concrete pipe. The rail and ties have been partially removed at the two mainline crossings near the northern site boundary. A stockpile of light slag ballast materials was observed near the northern site boundary. From the 605 Freeway overcrossing to the Whittier Boulevard overcrossing, the *Site* was noted to be generally free of illegal dumping and debris. Concrete debris piles were noted north of the Palm Avenue crossing and south of the Hadley Street crossing. A stockpile of rail and ties and an active wash water discharge from an adjacent food processing facility were further noted south of the Hadley Street crossing. Homeless encampments were noted between Philadelphia Avenue and Penn Street, and on the Whittier Boulevard overcrossing structure. A double-ending passing track exists between Philadelphia Street and Penn Street.

The southern portion of the *Site* south of Whittier Boulevard was noted to contain a moderate to heavy growth of brush and weeds. A masonry block debris pile was noted north of the Painter Avenue crossing. Relatively recent brush clearing appeared to be completed south of Gunn Avenue to Mills Avenue. The rail and ties have been removed between Gunn Avenue and Mills Avenue. Miscellaneous scattered debris including brush piles, rail ties, trash and oily 5-gallon buckets were noted between Calmada Avenue and Mills Avenue.

Signal crossing equipment was noted at each of the major street crossings. Mr. Ken Edger with UP opened the signal box at the Mills Avenue to allow for inspection of the contents. The enclosed signal box was observed to contain electronic equipment and back-up batteries. The signal boxes at the *Site* will likely be salvaged for reuse according to Mr. Edger. Battery boxes were observed at the following locations within the *Site*:

1. South of the 605 Freeway Overcrossing (MP 0.3)

2. Between the Norwalk Boulevard overcrossing and the Palm Avenue crossing (MP 1.2)
3. Between the Philadelphia Street and Penn Street crossings (MP 2.4)
4. Between the Mar Vista Street crossing and Pickering Avenue Overcrossing (MP 2.8)
5. South of Mills Avenue near the UP mainline junction (MP 5.2)

Photographs depicting the rail bed within the *Site* and observed features are presented on Figures 3a through 3g.

3.2 Bridge Surveys

Asbestos containing materials were only detected at the 605 Freeway overcrossing structure. Samples of thermal system pipe insulation contained 20% Chrysotile friable asbestos. The insulation materials were noted to be in good condition and do not require removal unless planned bridge renovation disturb the materials or the bridge is removed.

Lead-containing gray paint was detected on each of the four bridge structures at concentrations ranging from 110 to 460,000 milligrams per kilogram (mg/kg). The light gray bridge paint was observed to be generally intact. Lead-containing paint was further detected on beige-painted bridge abutments at concentrations ranging from 110 to 560 mg/kg. Beige-painted abutments at the Norwalk, Pickering and Whittier overcrossing structures were noted be significantly flaking or peeling.

A copy of the Geocon *Asbestos and Lead-Containing Paint Surveys* report including site photographs, tabular summaries of analytical data and laboratory reports is presented in Appendix B.

3.3 Ballast Material Survey

Geocon performed shallow exploratory trenches within or adjacent to the existing track bed at the *Site* to determine the thickness of the ballast materials and to sample the ballast and underlying soil materials to evaluate potential heavy metal impacts associated with the presence of slag ballast. The slag ballast materials observed at the *Site* consist of light gray vesicular material with iron clasts (light slag ballast) and copper-ore slag (dark slag ballast). The vast majority of the track bed within the *Site* contains light slag ballast overlying gravel aggregate materials. An approximate 50 yd^3 stockpile of light slag ballast was noted near the northern site boundary indicating relatively recent use of these materials. The dark slag ballast materials are generally confined to the following three sections within the *Site*:

1. Bailey Street to halfway between Philadelphia Street and Penn Street. From south of Philadelphia Street the dark ballast materials are generally confined to the western double-ended passing track.

2. From south of Mar Vista Street to Greenleaf Avenue. The dark slag ballast materials were further noted adjacent to sidewalk areas beneath the Pickering Avenue overcrossing.

3. From Mills Avenue to the southern site boundary.

The approximate extent of the dark slag ballast materials is depicted on the attached Site Plans. The remaining areas contain varying quantities of light slag ballast materials. Ballast thickness and width measurements obtained during the field survey are summarized on Table 1.

Information obtained from UP personnel indicates that the likely sources of the light and dark slag ballast materials at the *Site* are copper-ore smelting facilities located in Arizona and Utah, respectively. These materials are reportedly no longer utilized by UP for rail bed construction or re-ballasting due to the presence of heavy metals, potential environmental concerns and California regulatory disposal requirements. Redevelopment of other railroad properties within California has required the excavation and disposal of light and dark slag ballast materials to Class I or II disposal facilities based on elevated heavy metal concentrations.

3.4 Slag Ballast Analytical Results

The results of the laboratory testing indicate that light and dark slag ballast contain elevated levels of arsenic (2 to 70 mg/kg), lead (3.5 to 630 mg/kg) and vanadium (0.5 to 1,000 mg/kg). Light slag sample T16-.5 contained the highest chromium concentration of 200 mg/kg but did not contain detectable hexavalent chromium. The following table presents the calculated upper one-sided 95% upper confidence limits (UCLs) and presents the residential and industrial EPA Region 9 Preliminary Remediation Goals (PRGs) for the elevated metals detected in the slag ballast materials:

Material	Metal	95% UCL (mg/kg)	Residential PRG	Industrial PRG
Light Slag	Arsenic	35	0.39 (22)[1]	2.7 (440)[1]
Dark Slag		50		
Light Slag	Lead	72	400	750
Dark Slag		358		
Light Slag	Vanadium	512	550	14,000
Dark Slag		89		

[1] EPA non-cancer endpoint

The light and dark slag ballast materials do not contain reported total metal concentrations above their respective California Total Threshold Limit Concentration (TTLC) hazardous waste thresholds. Dark slag sample T12-.5 contained a total lead concentration of 630 mg/kg, above the California Health and Safety Code (HSC) Class I disposal threshold for lead of 350 mg/kg.

One light slag sample (T7-.5) and one dark slag sample (T12-.5) contained respective WET soluble lead concentrations of 6.1 and 5.2 milligrams per liter (mg/l), above the California Soluble Threshold Limit Concentration (STLC) hazardous waste threshold for lead of 5.0 mg/l. Slag sample T7-.5 contained a WET soluble copper concentration of 25 mg/l, equal to the STLC hazardous waste threshold for copper.

Ten slag samples (T5-.5, T12-.5, T15-.5, T16-.5, T19-.5, T24-.5, T26-.5, T30-.5, T31-.5 and T31-Slag) did not contain WET soluble arsenic, copper, lead or vanadium concentrations above respective STLC hazardous waste thresholds. DI-WET soluble arsenic, copper, lead and vanadium were further not detected in each of the ten slag samples analyzed.

3.5 Track Bed Soil Analytical Results

The results of the laboratory testing indicate that the soil materials underlying the track bed contain elevated levels of arsenic ranging from 8 to 210 mg/kg. The following table presents the calculated upper one-sided 95% UCLs and presents the residential and industrial EPA Region 9 PRGs for the elevated arsenic detected in the track bed soil samples:

Soil Sample Depth (feet)	Metal	95% UCL (mg/kg)	Residential PRG	Industrial PRG
1	Arsenic	47	0.39 (22)[1]	2.7 (440)[1]
2		39		

[1] EPA non-cancer endpoint

Soil samples collected at 1 and 2 feet bgs within the track bed do not contain reported total metal concentrations above their respective California TTLC hazardous waste thresholds or HSC Class I disposal thresholds. Three of seven soil samples analyzed (T1-1, T1-2 and T4-1) contained WET soluble arsenic concentrations ranging from 5.2 to 12 mg/l, above the STLC hazardous waste threshold for arsenic of 5.0 mg/l. DI-WET soluble arsenic concentrations were detected in five of seven soil samples analyzed (T1-1, T1-2, T3-1, T4-2 and T5-2) at concentrations ranging from 1.2 to 1.4 mg/l.

3.6 Right of Way Soil Analytical Results

Eleven random surficial soil samples were obtained within the *Site* to evaluate the potential presence of pesticides, PCBs, herbicides, lead and arsenic. Relatively low pesticide levels were detected in three of the eleven soil samples analyzed at concentrations ranging from 2.6 to 370 micrograms per kilogram (µg/kg). The pesticide concentrations detected are well below the residential EPA Region 9 PRGs with the sole exception of 250 µg/kg dieldrin detected in soil sample S7-.5 (PRG = 30 µg/kg). PCBs (Aroclor 1260) were only detected in soil sample S1-.5 at 220 µg/kg equal to the residential EPA Region 9 PRG. Herbicides were not detected in each of the eleven soil samples analyzed. Elevated lead and arsenic concentrations above naturally occurring background concentrations were not detected in the surface soil samples obtained from the *Site* outside of the track bed areas.

Ten soil samples were obtained from exploratory trenches performed in areas of observed surface stains, debris areas or adjacent to facilities with industrial operations as discussed in Section 1.2 of this report. TPHg, TPHd and VOCs were not detected in each soil sample analyzed with the exception of

one trichloroethene concentration of 34 µg/kg in trench T20. TPHmo was detected in each soil sample at concentrations less than 100 mg/kg with the exception of 170 mg/kg detected in soil sample T29-1.

Two stained ballast samples obtained from trenches T3 and T7 were obtained directly beneath treated railroad ties and analyzed for petroleum hydrocarbons and SVOCs. Motor oil range hydrocarbons were detected at concentrations of 340 and 1,600 mg/kg. The stained ballast sample obtained from trench T3 also contained fluoranthene at a concentration of 35 mg/kg.

Exploratory trench T8 performed between Magnolia Avenue and Hadley Street encountered debris fill materials between approximately 4 to 7 feet bgs. The debris fill materials primarily consist of bottles, broken china, oily waste, brick fragments and rusted metal parts likely associated with historical railroad operations. A sample of the stockpiled debris fill materials contained a total lead concentration of 5,800 mg/kg in excess of the TTLC hazardous waste threshold of 1,000 mg/kg. TPHmo was further detected at a concentration of 820 mg/kg at a depth of 5.5 feet bgs. TPHg, TPHd and VOCs were not detected in each debris fill material sample analyzed.

Six soil samples and two paint chip samples were obtained adjacent to a painted aboveground storm drain box located on the south side of the Pioneer Boulevard crossing, a painted retaining wall between Magnolia Avenue and Hadley Street, and adjacent to painted bridge abutments at the Norwalk and Whittier Boulevard overcrossings. The soil samples contained lead concentrations ranging from 4 to 260 mg/kg. Two of the soil samples (Ret Wall #1 and S10-0) contained WET soluble lead concentrations of 9.5 and 8.2 mg/l, above the STLC hazardous waste threshold of 5.0 mg/l for lead. DI-WET lead was not detected in each soil sample analyzed. The storm drain box and retaining wall paint chip samples contained total lead concentrations of 1,100 and 6.0 mg/kg, respectively.

A sample log is presented on Table 1. Summaries of the soil analytical results are presented on Tables 2 through 5. Copies of the laboratory reports and chain-of-custody documentation are presented in Appendix C.

4.0 CONCLUSIONS AND RECOMENDATIONS

The *Site* consists of 5.2 miles of abandoned UP railroad ROW located between the mainline connections near the San Gabriel River crossing to the UP mainline connection south of Mills Avenue in Whittier, California. The approximate 40- to 100-foot wide railroad corridor is located primarily within residential and commercial areas and to a lesser extent light industrial development. Existing improvements include railroad tracks, four steel bridge structures, drainage culverts, abandoned battery boxes, and signal crossing equipment. A widened ROW area associated with a former railroad station is located south of Philadelphia Street. Significant surface stain areas, distressed vegetation, and evidence of former or existing refueling or maintenance facilities including USTs and ASTs were not observed within the *Site*.

The vast majority of the UP ROW was observed to be generally free of illegal dumping given the length, urban location and inactive status of the corridor. Surface debris materials were noted within the *Site* at the following locations:

- Concrete/masonry block piles are located north of Palm Avenue, south of Hadley Street and north of Painter Avenue.
- Rail and tie stockpile located south of Hadley Street.
- Glue deposits adjacent to the Mar Vista Molding company located south of Penn Street.
- Miscellaneous trash, rail ties, brush piles located between Calmada Avenue and Mills Avenue.

The *Site* should be cleared of brush/weed vegetation and observed debris materials and abandoned battery boxes within the *Site* removed and properly disposed of prior to corridor acquisition. Soil staining observed beneath the removed debris and battery boxes should be sampled and/or removed and properly disposed. Battery boxes were observed at the following locations:

1. South of the 605 Freeway Overcrossing (MP 0.3)
2. Between the Norwalk Boulevard overcrossing and the Palm Avenue crossing (MP 1.2)
3. Between the Philadelphia Street and Penn Street crossings (MP 2.4)
4. Between the Mar Vista Street crossing and Pickering Avenue Overcrossing (MP 2.8)
5. South of Mills Avenue near the UP mainline junction (MP 5.2)

It is understood that the existing track (rail and ties) and signal crossing improvements may or may not be removed prior to potential corridor acquisition. The rails may be suitable for reuse, recycling (re-roll) and/or scrap salvage. Railroad ties in good condition should be suitable for salvage and recycling for landscaping and retaining wall construction purposes. Damaged and/or unusable railroad ties may be disposed of at the Puente Hills Landfill facility under non-hazardous waste manifest.

The results of the Phase II ESA indicate the presence of RECs within the *Site* including slag ballast materials, arsenic impacted track bed soil, buried debris fill materials, asbestos containing materials and lead-containing paint. Recommendations regarding mitigation of each of the RECs are presented below.

The light and dark slag ballast materials within the entire track bed at the *Site* contain elevated heavy metal concentrations notably arsenic, lead and vanadium. The arsenic levels are similar for the light and dark slag materials at 95% UCL concentrations of 35 and 50 mg/kg, respectively. The dark slag materials contain significantly higher lead concentrations (95% UCL = 358 mg/kg) and lower vanadium concentrations (95% = 89 mg/kg) when compared to the light slag materials (72 and 512, respectively). One dark slag sample (T12-.5) and one light slag sample (T7-.5) contained soluble lead levels above California hazardous waste thresholds. The dark slag sample further contained a total lead concentration in excess of the HSC Class I hazardous waste disposal threshold.

The primary contaminant of concern associated with the slag ballast materials and underlying track bed soil is arsenic. The light and dark slag ballast materials and underlying soil contain 95% UCL arsenic levels ranging between 35 and 50 mg/kg compared to the cancer residential and industrial PRGs of .39 and 2.7 mg/kg, respectively. Naturally occurring background arsenic values typically range from 8 to 12 mg/kg. The surface soil samples obtained from the corridor outside of the track bed areas contained a 95% UCL for arsenic of 14 mg/kg.

Due to the elevated arsenic and lead concentrations, it is recommended that light and dark slag ballast materials be removed from the *Site* and properly disposed of. Disposal options include Class I and/or II landfill facilities or recycling at Portland cement, concrete or asphalt batch plants. A site-specific risk assessment should be performed to determine an acceptable arsenic concentration for the underlying soil materials beneath the track bed. Soil materials containing arsenic levels above the acceptable cancer risk level will require removal and disposal, or capping with clean fill materials.

Debris fill materials containing California hazardous waste levels of lead were encountered at depths between 4 and 7 feet bgs in trench T8 located between Magnolia Avenue and Hadley Street. The debris materials contain bottles, china fragments and other typical railroad-related historical waste products. Additional investigation is required to determine the lateral and vertical extent of the debris materials and appropriate remedial action. The additional investigation should also determine whether the debris material extends beyond the ROW boundaries.

The petroleum hydrocarbon, VOC, pesticide, PCB, lead and arsenic concentrations detected in the randomly obtained surface soil samples do not warrant further investigation and/or remediation. Removal and proper disposal of isolated stained gravel ballast areas (observed in trenches T3 and T7) will be required. Stained ballast areas were not observed in areas where the rails and ties have been removed and therefore stained ballast is likely limited in lateral extent.

The adjacent food processing facility located south of Hadley Street should be contacted to redirect wash water discharges away from the *Site* and into the sanitary sewer system or other appropriate disposal measures. Facility and building encroachments discovered during the engineering survey of the *Site* should be inspected and further evaluated for potential environmental impacts including the automobile repair facility located adjacent and south of the Whittier Boulevard overcrossing.

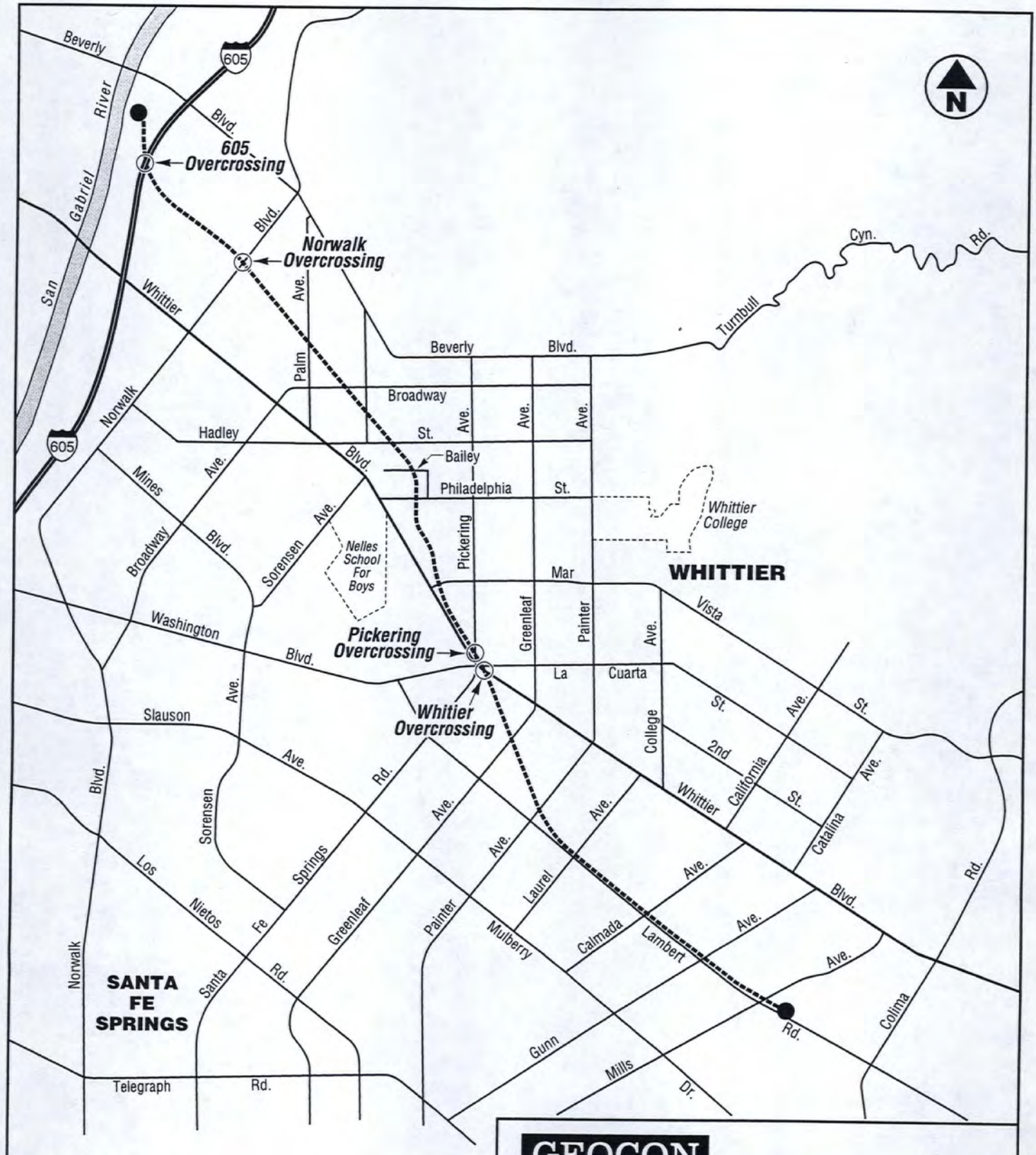
Special disposal and worker protection measures associated with asbestos containing materials at the 605 Freeway overcrossing and lead-containing paint identified at the Norwalk Boulevard, Pickering Street and Whittier Boulevard overcrossing structures, the storm drain boxes at Pioneer Boulevard and the retaining wall structure located between Magnolia Avenue and Hadley Street will be necessary in accordance with the recommendations presented in Appendix B of this report.

5.0 Report Limitations

This report has been prepared exclusively for HMO&T and the City of Whittier. The information contained herein is only valid as of the date of the report.

The Client should recognize that this report is not a comprehensive site characterization and should not be construed as such. The findings as presented in this report are predicated on the results of the limited sampling and laboratory testing performed. In addition, the information obtained is not intended to address potential impacts related to sources other than those specified herein.

Therefore, the report should only be deemed conclusive with respect to the information obtained. No guarantee or warranty of the results of the report is implied within the intent of this report or any subsequent reports, correspondence or consultation either expressed or implied. Geocon strived to perform the services summarized herein in accordance with the local standard of care in the geographic region at the time the services were rendered.



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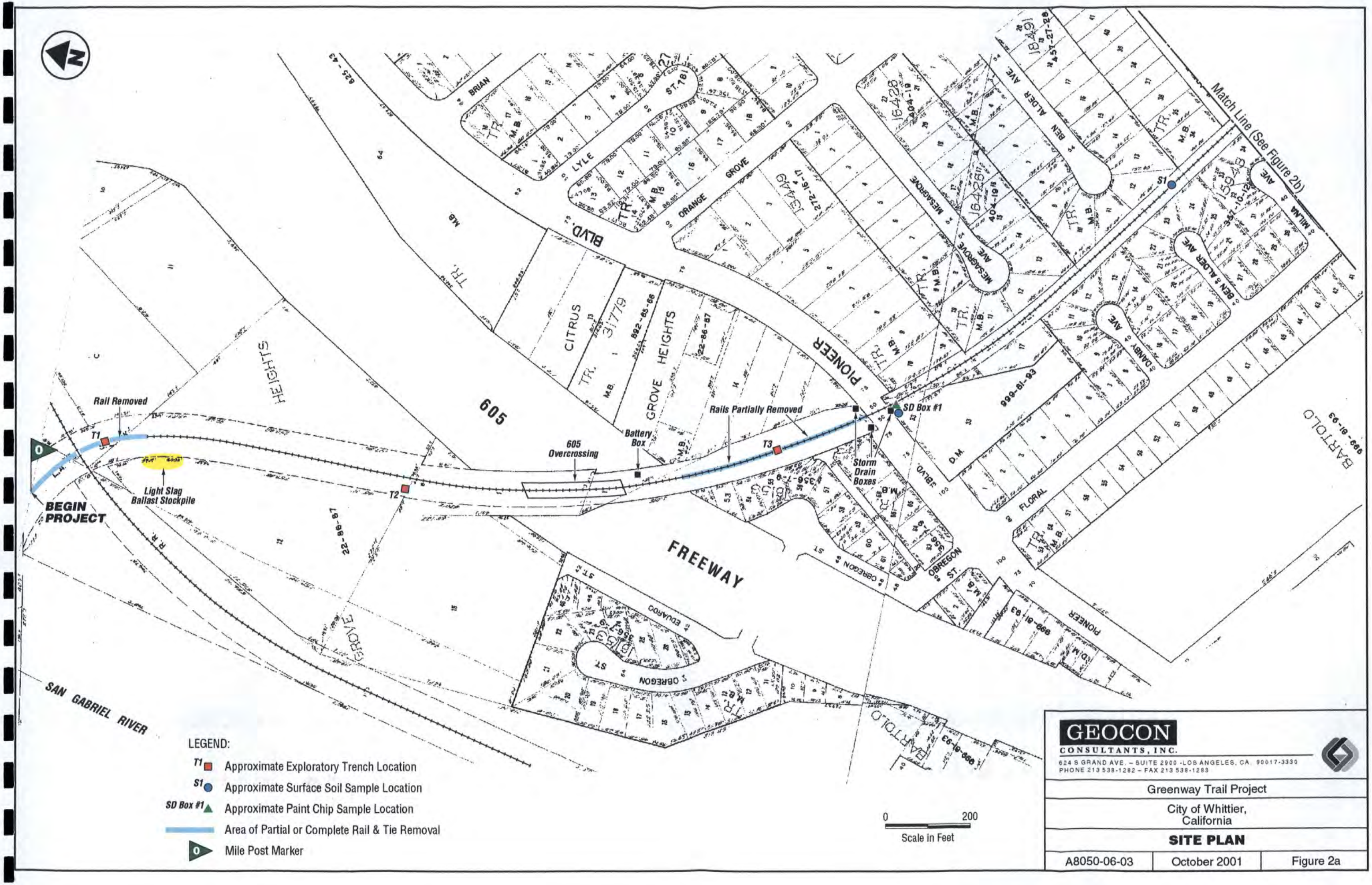
PROJECT LOCATION MAP

A8050-06-03	October 2001	Figure 1



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Greenway Trail Project

City of Whittier, California

SITE PLAN

A8050-06-03	October 2001	Figure 2a

LEGEND:

- T1 ■ Approximate Exploratory Trench Location
- S1 ● Approximate Surface Soil Sample Location
- 0 ▶ Mile Post Marker

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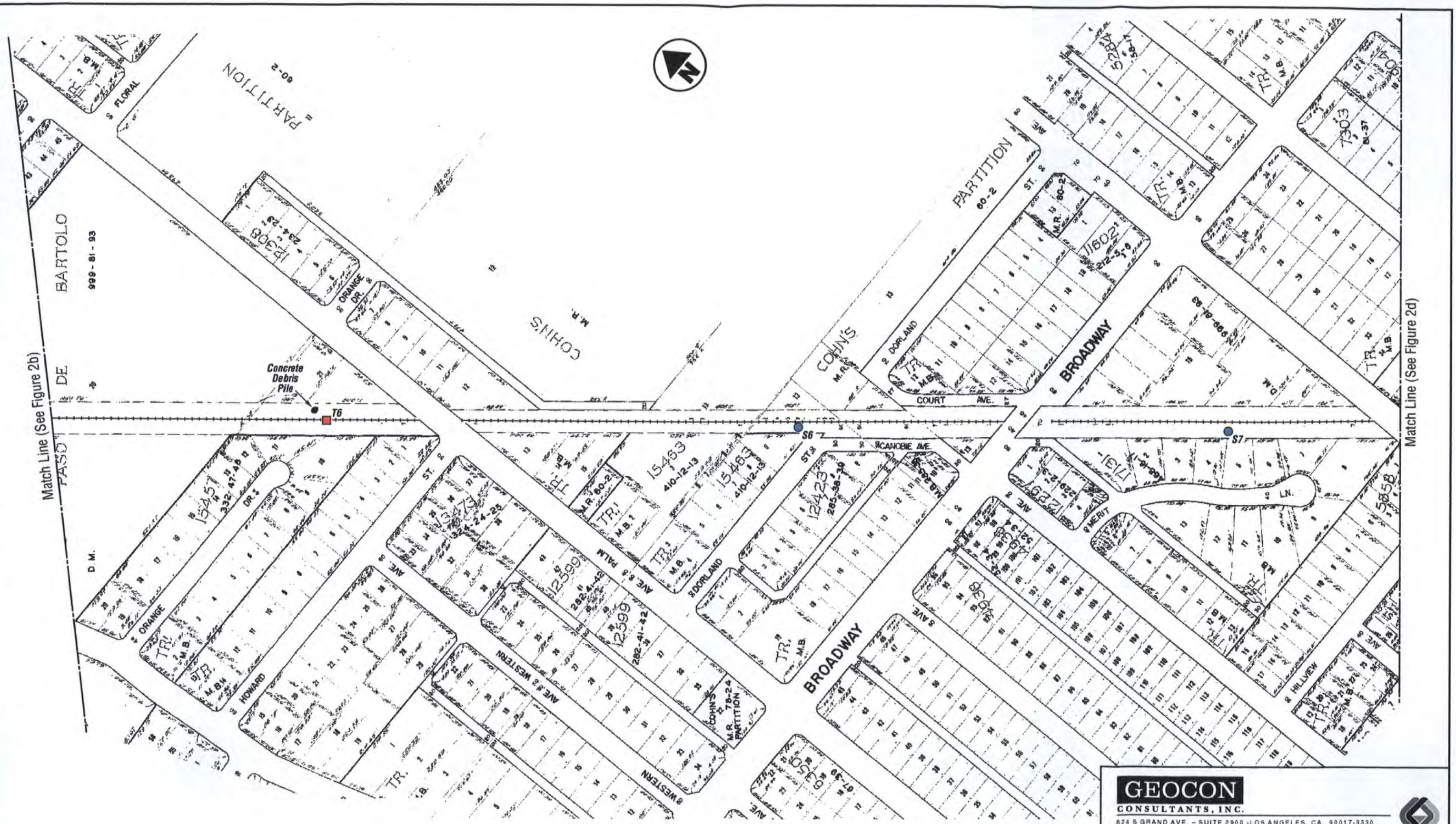
SITE PLAN

A8050-06-03	October 2001	Figure 2b



LEGEND:

- T1 ■ Approximate Exploratory Trench Location
- S1 ● Approximate Surface Soil Sample Location

0 200
Scale in Feet

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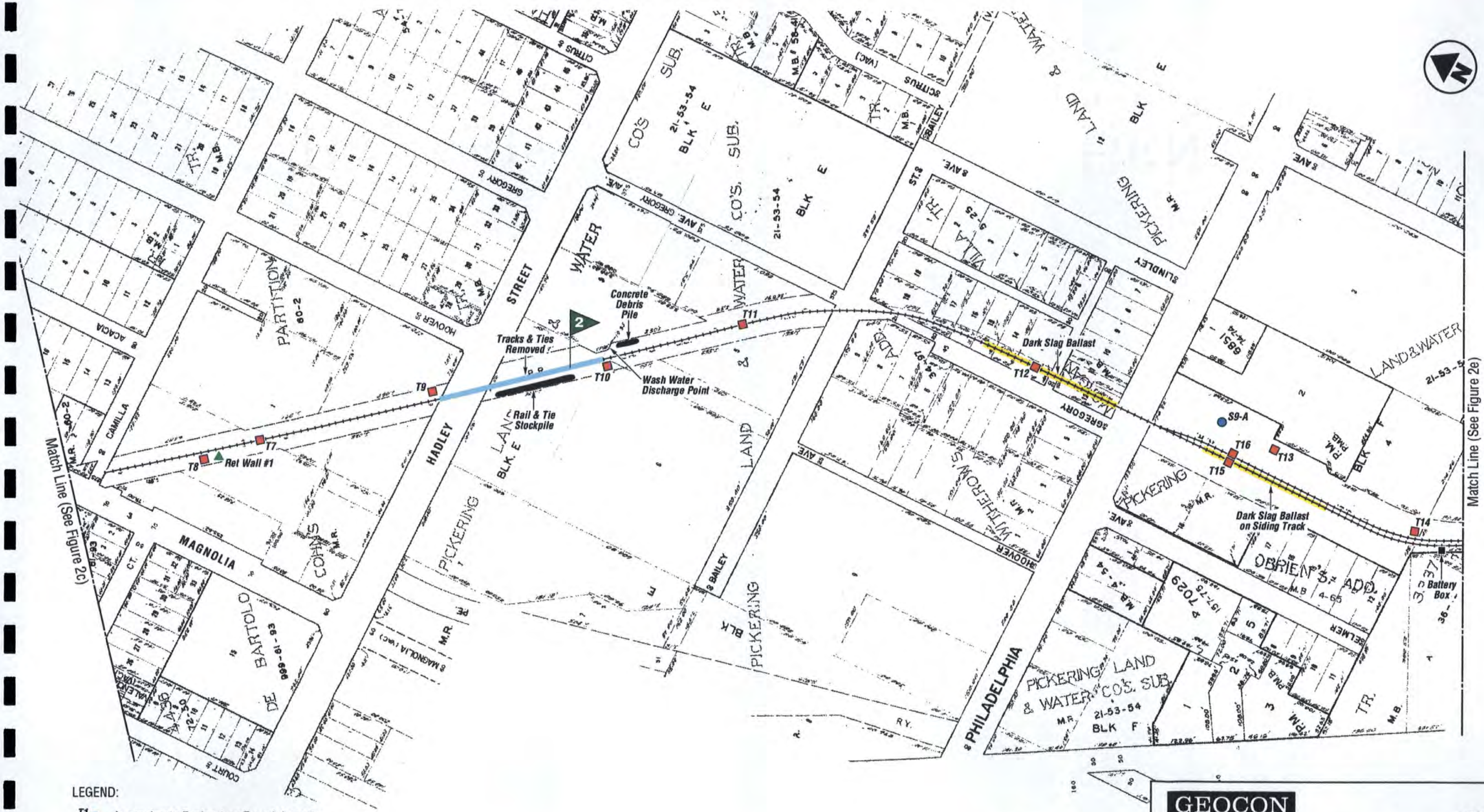
SITE PLAN

A8050-06-03	October 2001	Figure 2c



LEGEND:

- T1 ■ Approximate Exploratory Trench Location
- S1 ● Approximate Surface Soil Sample Location
- SD Box #1 ▲ Approximate Paint Chip Sample Location
- Area of Partial or Complete Rail & Tie Removal
- Approximate Extent of Dark Slag Ballast
- 0 ▶ Mile Post Marker

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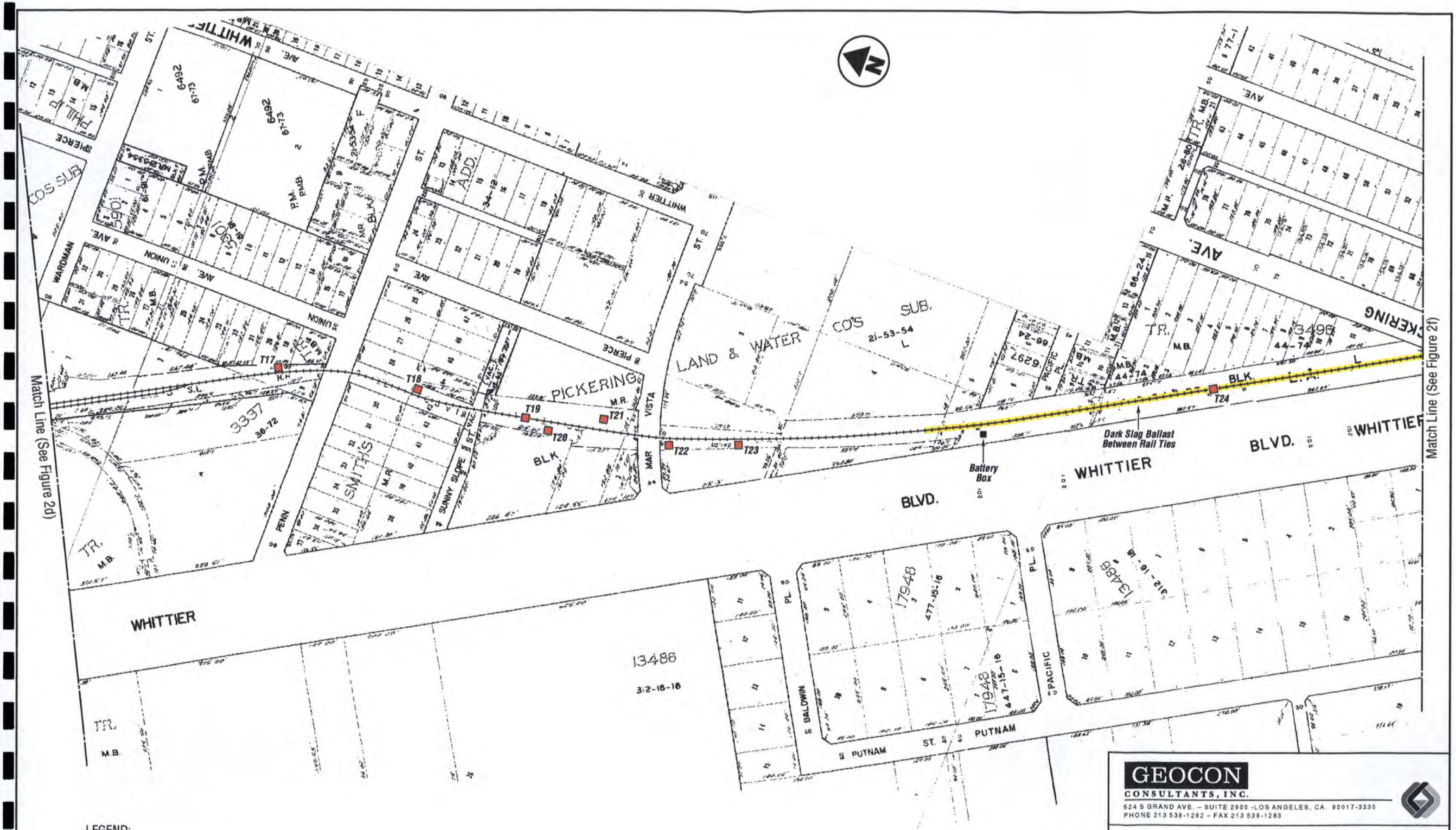
SITE PLAN

A8050-06-03	October 2001	Figure 2d



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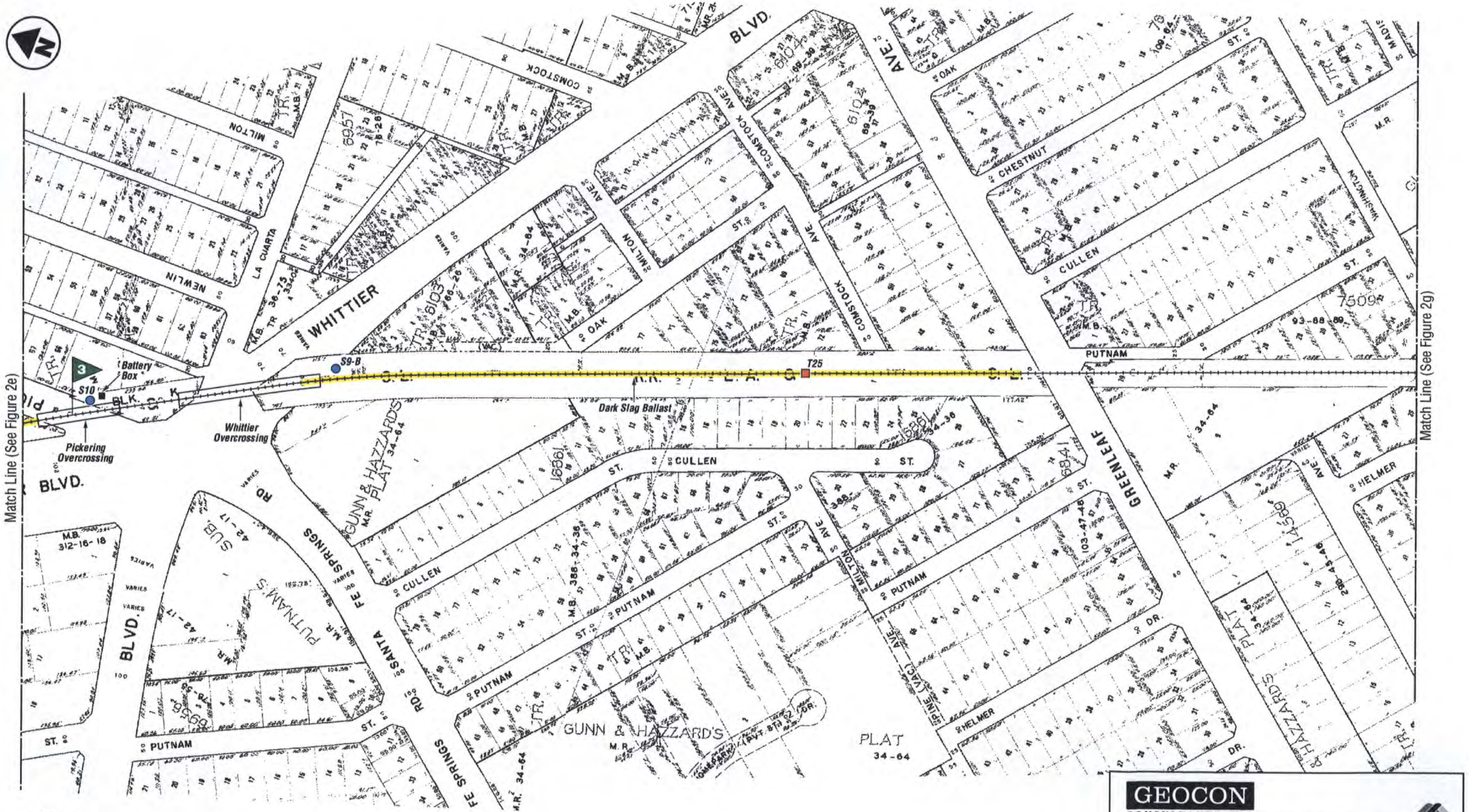
Greenway Trail Project
City of Whittier, California
SITE PLAN

A8050-06-03	October 2001	Figure 2e



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Greenway Trail Project

City of Whittier, California

SITE PLAN

A8050-06-03	October 2001	Figure 2f

Match Line (See Figure 2f)

Match Line (See Figure 2h)

LEGEND:

T1 ■ Approximate Exploratory Trench Location

0 Mile Post Marker

0 200

Scale in Feet

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SITE PLAN

A8050-06-03	October 2001	Figure 2g

LEGEND:

T1 Approximate Exploratory Trench Location

Area of Partial or Complete Rail & Tie Removal

0 200
Scale in Feet

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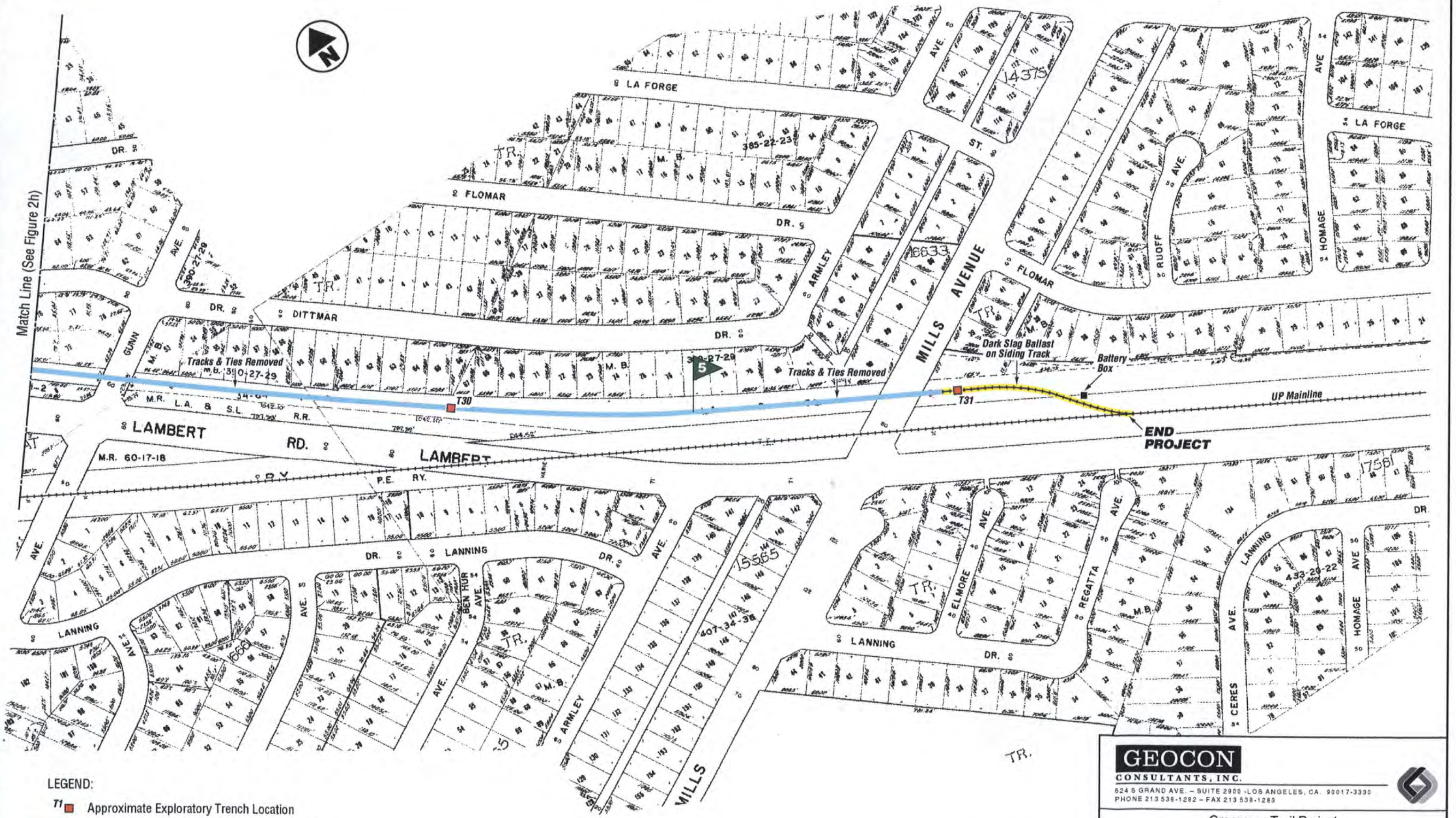
City of Whittier, California

SITE PLAN

A8050-06-03	October 2001	Figure 2h



LEGEND:

- T1 ■ Approximate Exploratory Trench Location
- Area of Partial or Complete Rail & Tie Removal
- Approximate Extent of Dark Slag Ballast
- 0 ▶ Mile Post Marker

0 200
Scale in Feet

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City of Whittier, California

SITE PLAN

A8050-06-03	October 2001	Figure 2i

Photo No. 1 Mainline Connection at Whittier Junction Near San Gabriel River Bridge (MP 0.0)

Photo No. 2 Southerly View of Track Bed, Concrete Pipe Debris and 605 Overcrossing in Background (MP 0.2)

SITE PHOTOS NO. 1 & 2

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City of Whittier, California		
A8050-06-03	October 2001	Figure 3a

Photo No. 3 View of Light Slag Ballast at Trench T3 Located Between the 605 Freeway Overcrossing and Pioneer Boulevard (MP 0.3)

Photo No. 4 Northerly View of Norwalk Boulevard Overcrossing (MP 0.9)

SITE PHOTOS NO. 3 & 4

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City of Whittier, California		
A8050-06-03	October 2001	Figure 3b

Photo No. 5 Southerly View of Elevated Track Bed and Adjacent Battery Box (MP 1.2)

Photo No. 6 View of Debris Fill Materials Encountered in Trench T8 (MP 1.9)

SITE PHOTOS NO. 5 & 6

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City of Whittier, California		
A8050-06-03	October 2001	Figure 3c

Photo No. 7 Northerly View of Concrete Debris and Rail & Tie Stockpile South of Hadley Street (Note Green Vegetation Due to Wash Water Discharge From Adjacent Food Processing Facility) (MP 2.0)

Photo No. 8 View of Siding Track Connection South of Philadelphia Street (Note Dark Slag Ballast on Left and Light Slag Ballast on Right)

SITE PHOTOS NO. 7 & 8

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City of Whittier, California		
A8050-06-03	October 2001	Figure 3d

Photo No. 9 Glue Discharges at Trench T21 Located Adjacent to the Mar Vista Molding Co. (MP 2.6)

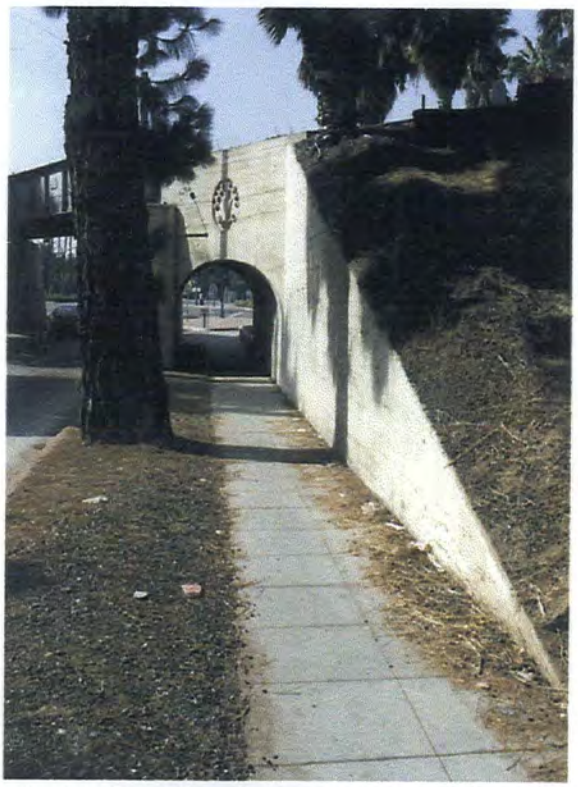

Photo No. 10 Dark Slag Ballast Materials Adjacent to Pedestrian Sidewalk at the Pickering Bridge Undercrossing (MP 3.0)

SITE PHOTOS NO. 9 & 10

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City of Whittier, California		
A8050-06-03	October 2001	Figure 3e

Photo No. 11 View of Dark Slag Ballast Materials on Raised Embankment South of Whittier Bridge Overcrossing (Note Likely Building Encroachments on Right) (MP 3.1)

Photo No. 12 Northerly View of Dark Slag Ballasted Track Bed North of Greenleaf Avenue (MP 3.4)

SITE PHOTOS NO. 11 & 12

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City of Whittier, California		
A8050-06-03	October 2001	Figure 3f

Photo No. 13 View of Light Slag Ballast Materials in Trench T28 Between Laurel Avenue and Calmada Avenue (MP 4.2)

Photo No. 14 Southerly View of Dark Slag Ballast and Track Bed South of Mills Avenue (MP 5.2)

SITE PHOTOS NO. 13 & 14

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Greenway Trail Project		
City of Whittier, California		
A8050-06-03	October 2001	Figure 3g

TABLE 1
SAMPLE LOG
GREENWAY TRAIL PROJECT
WHITTIER, CALIFORNIA

SAMPLE IDENTIFICATION – DEPTH (feet)	SAMPLE TYPE	POTENTIAL IMPACT	LIGHT SLAG DEPTH (inches)	DARK SLAG DEPTH (inches)	GRAVEL DEPTH (inches)	BALLAST WIDTH (feet)
Trench 1 - 0.5	Light Slag Ballast	Heavy Metals - Slag	4	NP	NP	30-40
Trench 1 - 1	Soil					
Trench 1 – 2	Soil					
Trench 2 - 0.5	Soil	Heavy Metals - Slag	5	NP	NP	10
Trench 2 – 1	Soil					
Trench 2 – 2	Soil					
Trench 3 - 0.5	Light Slag Ballast	Heavy Metals - Slag	8	NP	8	12
Trench 3 – 1	Soil					
Trench 3 – 2	Soil					
Trench 3 - Tie Gravel	Ballast	Creosote Stains Beneath Rail Ties				
Trench 4 - 0.5	Light Slag Ballast	Heavy Metals - Slag	4	NP	NP	20
Trench 4 – 1	Soil					
Trench 4 – 2	Soil					
Trench 5 - 0.5	Light Slag Ballast	Heavy Metals - Slag	4	NP	12	20
Trench 5 – 1	Soil					
Trench 5 – 2	Soil					
Trench 6 - 0.5	Light Slag Ballast	Heavy Metals - Slag	8	NP	NP	16
Trench 6 – 1	Soil					
Trench 6 – 2	Soil					
Trench 7 - 0.5	Light Slag Ballast	Heavy Metals - Slag	6	NP	NP	18
Trench 7 – 1	Soil					
Trench 7 – 2	Soil					
Trench 8 - 1	Soil	Heavy Metals, TPH And VOCs Associated With Railroad Debris Fill Materials	NA	NA	NA	NA
Trench 8 - 5.5	Debris Fill					
Trench 8 – 7	Soil					
Trench 8 – Stockpile	Debris Fill					
Trench 9 – 1	Soil	TPH Stains Adjacent To Cool-A-Coo	NA	NA	NA	NA
Trench 10 – 1	Soil	TPH Adjacent To City Maintenance Facility	7	NP	NP	17
Trench 11 – 2	Soil	TPH Stain Within Track Bed	10.5	NP	NP	17
Trench 12 - 0.5	Dark Slag Ballast	Heavy Metals – Slag	NP	8	NA	15

TABLE 1
SAMPLE LOG
GREENWAY TRAIL PROJECT
WHITTIER, CALIFORNIA

SAMPLE IDENTIFICATION – DEPTH (feet)	SAMPLE TYPE	POTENTIAL IMPACT	LIGHT SLAG DEPTH (inches)	DARK SLAG DEPTH (inches)	GRAVEL DEPTH (inches)	BALLAST WIDTH (feet)
Trench 12 – 1	Soil					
Trench 12 – 2	Soil					
Trench 13 – 2	Soil	TPH - Former Train Station Site	NA	NA	NA	NA
Trench 14 – 1	Soil	Pesticides, PCBs, Herbicides, lead and arsenic	NA	NA	NA	NA
Trench 15 - 0.5	Dark Slag Ballast	Heavy Metals – Slag	NP	4 (siding track)	NP	15
Trench 15 – 1	Soil					
Trench 15 – 2	Soil					
Trench 16 - 0.5	Light Slag Ballast	Heavy Metals – Slag	6	NP	12	15
Trench 16 – 1	Soil					
Trench 16 – 2	Soil					
Trench 17 - 1.5	Soil	Pesticides, PCBs, Herbicides, lead and arsenic	NA	NA	NA	NA
Trench 18 – 1	Soil	TPH and VOCs Adjacent To Mar Vista Molding Co.	NA	NA	NA	NA
Trench 19 - 0.5	Light Slag Ballast	Heavy Metals – Slag	3	NP	18	15
Trench 19 – 1	Soil					
Trench 19 – 2	Soil					
Trench 20 – 2	Soil	TPH and VOCs Adjacent to Former Dip Tank	NA	NA	NA	NA
Trench 21 – 1	Soil	VOCs From Glue Adjacent To Mar Vista Molding Co.	NA	NA	NA	NA
Trench 22 – 2	Soil	TPH Surface Stains/Oil Absorbent	NA	NA	NA	NA
Trench 23 – 1	Soil	TPH Surface Stains Adjacent To Pro Auto Sales				
Trench 24 - 0.5	Light & Dark Slag Ballast	Heavy Metals – Slag	4	12 (between ties)	NP	30-40 (slope)
Trench 24 – 1	Soil					
Trench 24 – 2	Soil					
Trench 25 - 0.5	Light Slag Ballast	Heavy Metals – Slag	NP	4	12	22
Trench 25 – 1	Soil					
Trench 25 – 2	Soil					
Trench 26 - 0.5	Light Slag Ballast	Heavy Metals – Slag	3	NP	9	17
Trench 26 – 1	Soil					
Trench 26 – 2	Soil					

TABLE 1
SAMPLE LOG
GREENWAY TRAIL PROJECT
WHITTIER, CALIFORNIA

SAMPLE IDENTIFICATION – DEPTH (feet)	SAMPLE TYPE	POTENTIAL IMPACT	LIGHT SLAG DEPTH (inches)	DARK SLAG DEPTH (inches)	GRAVEL DEPTH (inches)	BALLAST WIDTH (feet)
Trench 27 – 1	Soil	Pesticides, PCBs and Herbicides	NA	NA	NA	NA
Trench 28 - 0.5	Light Slag Ballast	Heavy Metals -- Slag	3	NP	9	15
Trench 28 – 1	Soil					
Trench 28 – 2	Soil					
Trench 29 – 1	Soil	TPH Adjacent to Lambert Tire Facility	NA	NA	NA	NA
Trench 30 - 0.5	Light Slag Ballast	Heavy Metals – Slag	3	NP	9	16
Trench 30 – 1	Soil					
Trench 30 – 2	Soil					
Trench 31 - 0.5	Dark Slag Ballast	Heavy Metals - Slag	NP	3	15	18
Trench 31 – 1	Soil					
Trench 31 – 2	Soil					
Trench 31 – Slag	Dark Slag Ballast					
S1 - 0.5	Soil	Pesticides, PCBs, Herbicides, lead and arsenic	NA	NA	NA	NA
S2 - 0.5	Soil	Pesticides, PCBs, Herbicides, lead and arsenic	NA	NA	NA	NA
S3 - 0	Soil	Lead at Painted Norwalk Bridge Abutment	NA	NA	NA	NA
S4 – 0	Soil	Lead at Painted Norwalk Bridge Abutment	NA	NA	NA	NA
S5 - 0.5	Soil	Pesticides, PCBs, Herbicides, lead and arsenic	NA	NA	NA	NA
S6 - 0.5	Soil	Pesticides, PCBs, Herbicides, lead and arsenic	NA	NA	NA	NA
S7 - 0.5	Soil	Pesticides, PCBs, Herbicides, lead and arsenic	6.5	NP	NP	17
S8 - 0	Soil	Pesticides, PCBs, Herbicides, lead and arsenic	NA	NA	NA	NA
S9 – 0 Tube	Soil	Pesticides, PCBs, Herbicides, lead and arsenic	NA	NA	NA	NA
S9 – 0 Bag	Soil	Lead From Paint at Pedestrian Tunnel	NA	NA	NA	NA
S10 – 0	Soil	Lead From Paint at Whittier Bridge Abutment	NA	NA	NA	NA
SD Box #1	Beige Paint Chip	Lead Containing Paint at Storm Drain Box	NA	NA	NA	NA
SD Box #1	Soil	Lead From Paint at Storm Drain Box	NA	NA	NA	NA
Ret Wall #1	Beige Paint Chip	Lead Containing Paint at Retaining Wall	NA	NA	NA	NA
Ret Wall #1	Soil	Lead From Paint at Retaining Wall	NA	NA	NA	NA

Notes: NP = Not present
NA = Not available

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS- TITLE 22 METALS
GREENWAY TRAIL PROJECT
WHITTIER, CALIFORNIA

SAMPLE I.D.	T1-.5	T1-1	T1-2	T2-.5	T2-1	T2-2	T3-.5	TTLC	10 X STLC
ANALYTE	Results in milligrams per kilogram								
Antimony	0.50	0.50	0.42	0.49	0.50	0.50	<0.25	500	150
Arsenic	34	**210 (12/1.4)**	**93 (5.2/1.4)**	12	11	17	8.0	500	50
Barium	140	38	71	110	130	150	130	10,000	1,000
Beryllium	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	75	7.5
Cadmium	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	100	10
Chromium	30	7.5	11	22	20	20	10	2,500	5,600
Cobalt	5.5	3.5	6.4	9.5	11	9.0	3.0	8,000	800
Copper	46	22	30	22	20	28	14	2,500	250
Lead	48	44	28	5.0	3.5	14	18	1,000	50
Mercury	0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	20	2
Molybdenum	1.5	0.25	0.39	0.48	0.50	0.50	0.33	3,500	3,500
Nickel	14	6.0	10	18	19	18	5.5	2,000	200
Selenium	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	100	10
Silver	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	500	50
Thallium	1.5	1.5	1.2	1.0	1.0	1.0	0.50	700	70
Vanadium	38	15	23	41	37	38	30	2,400	240
Zinc	64	110	230	52	48	100	45	5,000	2,500

Notes: B6-1-.5
- | | └ Sample depth in feet below surface grade
- | └ Boring number
- └ Sample/bent identification

< = Less than laboratory detection limits.
TTLC = Total Threshold Limit Concentration.
STLC = Soluble Threshold Limit Concentration.
(5.2/<1.0) = Soluble concentration by Waste Extraction Test (WET) using citric acid and WET using de-ionized water extractant

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS- TITLE 22 METALS
GREENWAY TRAIL PROJECT
WHITTIER, CALIFORNIA

SAMPLE I.D.	T3-1	T3-2	T4-.5	T4-1	T4-2	T5-.5	T5-1	TTLC	10 X STLC
ANALYTE	Results in milligrams per kilogram								
Antimony	0.48	0.50	<0.25	0.48	0.45	1.0	0.50	500	150
Arsenic	**120 (4.8/1.2)**	18	4.0	**60 (7.1/<1.0)**	**90 (4.7/1.3)**	7.5	45	500	50
Barium	130	150	6.0	66	110	85	54	10,000	1,000
Beryllium	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	75	7.5
Cadmium	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	100	10
Chromium	18	27	1.5	12	18	110	8.0	2,500	5,600
Cobalt	10	14	2.0	6.0	9.0	2.5	4.5	8,000	800
Copper	18	22	4.0	12	20	14	10	2,500	250
Lead	3.5	4.5	3.5	2.5	3.5	25	15	1,000	50
Mercury	<0.10	<0.10	0.11	<0.10	<0.10	<0.10	<0.10	20	2
Molybdenum	0.39	0.42	<0.25	<0.25	0.29	0.42	<0.25	3,500	3,500
Nickel	14	19	1.5	9.0	16	4.5	6.0	2,000	200
Selenium	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	100	10
Silver	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	500	50
Thallium	1.0	1.5	<0.25	1.0	1.0	3.0	1.5	700	70
Vanadium	36	53	5.5	24	35	**500 (11/<1.0)**	25	2,400	240
Zinc	48	57	20	34	46	34	110	5,000	2,500

Notes: B6-1-.5
- B6-1-.5: Sample depth in feet below surface grade
- B6-1-.5: Boring number
- B6-1-.5: Sample/bent identification
- < = Less than laboratory detection limits.
- TTLC = Total Threshold Limit Concentration.
- STLC = Soluble Threshold Limit Concentration.
- (5.2/<1.0) = Soluble concentration by Waste Extraction Test (WET) using citric acid and WET using de-ionized water extractant

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS- TITLE 22 METALS
GREENWAY TRAIL PROJECT
WHITTIER, CALIFORNIA

SAMPLE I.D.	T5-2	T6-.5	T6-1	T6-2	T7-.5	T7-1	T7-2	TTLC	10 X STLC
ANALYTE	Results in milligrams per kilogram								
Antimony	0.40	0.50	0.43	0.45	1.0	0.50	0.31	500	150
Arsenic	**100 (4.2/1.2)**	44	**84 (3.7/<1.0)**	9.5	46	46	45	500	50
Barium	150	62	150	160	140	100	150	10,000	1,000
Beryllium	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	75	7.5
Cadmium	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	100	10
Chromium	18	26	15	16	52	22	15	2,500	5,600
Cobalt	9.0	3.5	7.5	8.0	6.0	7.0	8.0	8,000	800
Copper	20	12	17	18	**1,000 (25/<1.0)**	160	22	2,500	250
Lead	3.5	20	3.5	3.0	**190 (6.1/<1.0)**	20	3.5	1,000	50
Mercury	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	20	2
Molybdenum	0.50	0.50	1.0	1.5	1.5	0.50	1.0	3,500	3,500
Nickel	17	6.5	15	16	33	13	16	2,000	200
Selenium	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	100	10
Silver	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	500	50
Thallium	1.5	1.0	0.50	0.50	1.0	1.0	0.50	700	70
Vanadium	40	79	35	38	88	83	36	2,400	240
Zinc	59	64	120	46	260	160	46	5,000	2,500

Notes: B6-1-.5
- B6-1-.5: Sample depth in feet below surface grade
- B6-1-.5: Boring number
- B6-1-.5: Sample/bent identification
- < = Less than laboratory detection limits.
- TTLC = Total Threshold Limit Concentration.
- STLC = Soluble Threshold Limit Concentration.
- (5.2/<1.0) = Soluble concentration by Waste Extraction Test (WET) using citric acid and WET using de-ionized water extractant

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS- TITLE 22 METALS
GREENWAY TRAIL PROJECT
WHITTIER, CALIFORNIA

SAMPLE I.D.	T8-1	T8-STK	T8-5.5	T8-7	T12-.5	T12-1	T12-2	TTLC	10 X STLC
ANALYTE	Results in milligrams per kilogram								
Antimony	0.27	<0.25	<0.25	<0.25	7.0	0.50	0.37	500	150
Arsenic	6.0	32	11	14	32	44	10	500	50
Barium	100	**3,600 (11/<1.0)**	170	210	7.5	50	130	10,000	1,000
Beryllium	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	75	7.5
Cadmium	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	100	10
Chromium	9.5	76 (0.18 HEX)	12	14	0.50	47	17	2,500	5,600
Cobalt	4.0	4.5	7.0	8.0	17	4.5	7.5	8,000	800
Copper	14	64	30	29	**460 (<1.0/<1.0)**	16	20	2,500	250
Lead	25	**5,800**	**140 (74/<1.0)**	**160 (<1.0/<1.0)**	**630 (5.2/<1.0)**	38	3.0	1,000	50
Mercury	1.0	1.7	0.19	<0.10	<0.10	<0.10	0.20	20	2
Molybdenum	0.50	1.5	1.5	1.0	40	0.50	2.0	3,500	3,500
Nickel	10	10	16	16	3.0	9.0	20	2,000	200
Selenium	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	100	10
Silver	<0.15	2.5	<0.15	1.5	0.19	<0.15	<0.15	500	50
Thallium	0.50	3.0	0.50	1.0	0.31	0.50	1.0	700	70
Vanadium	19	18	29	31	0.50	73	40	2,400	240
Zinc	100	940	360	310	420	110	52	5,000	2,500

Notes: B6-1-.5
- B6-1-.5: Sample depth in feet below surface grade
- B6-1-.5: Boring number
- B6-1-.5: Sample/bent identification

< = Less than laboratory detection limits.
TTLC = Total Threshold Limit Concentration.
STLC = Soluble Threshold Limit Concentration.
HEX = Hexavalent Chromium
(5.2/<1.0) = Soluble concentration by Waste Extraction Test (WET) using citric acid and WET using de-ionized water extractant

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS- TITLE 22 METALS
GREENWAY TRAIL PROJECT
WHITTIER, CALIFORNIA

SAMPLE I.D.	T15-.5	T15-1	T15-2	T16-.5	T16-1	T16-2	T19-.5	TTLC	10 X STLC
ANALYTE	Results in milligrams per kilogram								
Antimony	<0.25	0.27	0.29	1.0	<0.25	0.40	1.0	500	150
Arsenic	**60 (3.7/<1.0)**	16	8.0	18	18	15	13	500	50
Barium	94	170	120	160	140	150	84	10,000	1,000
Beryllium	<0.15	<0.15	<0.15	1.0	<0.15	<0.15	<0.15	75	7.5
Cadmium	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	100	10
Chromium	9.5	16	13	200 (<0.1 HEX)	15	18	20	2,500	5,600
Cobalt	6.5	7.5	6.5	1.5	7.5	8.5	7.0	8,000	800
Copper	140	22	16	12	20	22	39	2,500	250
Lead	**94 (<1.0/<1.0)**	5.5	2.5	7.0	5.5	6.5	**84 (2.5/<1.0)**	1,000	50
Mercury	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.27	20	2
Molybdenum	18	3.5	1.5	<0.25	2.0	2.0	1.0	3,500	3,500
Nickel	22	23	16	7.5	18	22	13	2,000	200
Selenium	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	100	10
Silver	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	500	50
Thallium	0.50	0.50	0.50	2.5	0.50	1.0	0.50	700	70
Vanadium	22	40	32	**1,000 (7.5/<1.0)**	36	42	34	2,400	240
Zinc	440	66	42	18	86	74	140	5,000	2,500

Notes: B6-1-.5
- B6-1-.5 — Sample depth in feet below surface grade
- B6-1-.5 — Boring number
- B6-1-.5 — Sample/bent identification

< = Less than laboratory detection limits.
TTLC = Total Threshold Limit Concentration.
STLC = Soluble Threshold Limit Concentration.
HEX = Hexavalent Chromium
(5.2/<1.0) = Soluble concentration by Waste Extraction Test (WET) using citric acid and WET using de-ionized water extractant

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS- TITLE 22 METALS
GREENWAY TRAIL PROJECT
WHITTIER, CALIFORNIA

SAMPLE I.D.	T19-1	T19-2	T24-.5	T24-1	T24-2	T25-.5	T25-1	TTLC	10 X STLC
ANALYTE	Results in milligrams per kilogram								
Antimony	0.50	0.32	2.5	0.50	0.29	1.0	0.25	500	150
Arsenic	9.5	18	**70 (<1.0/<1.0)**	32	9.0	20	20	500	50
Barium	68	40	96	43	170	60	37	10,000	1,000
Beryllium	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	75	7.5
Cadmium	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	100	10
Chromium	11	7.0	5.0	5.5	14	100	8.0	2,500	5,600
Cobalt	8.0	4.5	6.5	3.0	6.5	6.5	3.5	8,000	800
Copper	23	9.5	**510 (<1.0/<1.0)**	8.5	20	240	12	2,500	250
Lead	28	29	**330 (<1.0/<1.0)**	10	8.0	43	6.5	1,000	50
Mercury	<0.10	0.10	0.17	<0.10	0.11	<0.10	<0.10	20	2
Molybdenum	0.38	0.42	97	0.50	1.0	42	0.50	3,500	3,500
Nickel	9.0	6.5	5.0	4.5	15	6.5	5.0	2,000	200
Selenium	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	100	10
Silver	<0.15	<0.15	0.50	<0.15	<0.15	<0.15	<0.15	500	50
Thallium	1.0	0.50	0.28	0.50	0.50	1.0	0.50	700	70
Vanadium	30	16	8.0	16	32	120	20	2,400	240
Zinc	63	64	660	260	46	150	73	5,000	2,500

Notes: B6-1-.5
- B6-1-.5: Sample depth in feet below surface grade
- B6-1-.5: Boring number
- B6-1-.5: Sample/bent identification

< = Less than laboratory detection limits.
TTLC = Total Threshold Limit Concentration.
STLC = Soluble Threshold Limit Concentration.
(5.2/<1.0) = Soluble concentration by Waste Extraction Test (WET) using citric acid and WET using de-ionized water extractant

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS- TITLE 22 METALS
GREENWAY TRAIL PROJECT
WHITTIER, CALIFORNIA

SAMPLE I.D.	T25-2	T26-.5	T26-1	T26-2	T28-.5	T28-1	T28-2	TTLC	10 X STLC
ANALYTE	Results in milligrams per kilogram								
Antimony	0.50	2.0	<0.25	0.38	1.0	<0.25	0.37	500	150
Arsenic	16	12	16	41	34	16	20	500	50
Barium	150	60	36	180	130	32	160	10,000	1,000
Beryllium	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	75	7.5
Cadmium	<0.15	<0.15	<0.15	0.16	<0.15	<0.15	<0.15	100	10
Chromium	26	170	5.5	21	60	6.0	22	2,500	5,600
Cobalt	11	2.5	3.5	8.5	4.5	3.5	8.0	8,000	800
Copper	25	10	5.5	24	14	5.5	24	2,500	250
Lead	4.0	18	2.0	4.5	42	4.5	6.0	1,000	50
Mercury	<0.10	0.14	<0.10	<0.10	0.12	<0.10	<0.10	20	2
Molybdenum	0.50	<0.25	0.30	3.0	0.50	<0.25	2.5	3,500	3,500
Nickel	20	2.5	4.0	29	8.0	4.5	26	2,000	200
Selenium	<0.25	2.5	<0.25	<0.25	<0.25	<0.25	<0.25	100	10
Silver	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	500	50
Thallium	1.5	10	0.48	1.0	1.5	0.50	1.5	700	70
Vanadium	46	**710 (1.8/<1.0)**	15	50	130	16	50	2,400	240
Zinc	110	38	200	71	340	92	68	5,000	2,500

Notes: B6-1-.5
- B6-1-.5: Sample depth in feet below surface grade
- B6-1-.5: Boring number
- B6-1-.5: Sample/bent identification

< = Less than laboratory detection limits.
TTLC = Total Threshold Limit Concentration.
STLC = Soluble Threshold Limit Concentration.
(5.2/<1.0) = Soluble concentration by Waste Extraction Test (WET) using citric acid and WET using de-ionized water extractant

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS- TITLE 22 METALS
GREENWAY TRAIL PROJECT
WHITTIER, CALIFORNIA

SAMPLE I.D.	T30-.5	T30-1	T30-2	T31-.5	T31-1	T31-2	T31-SLAG	TTLC	10 X STLC
ANALYTE	Results in milligrams per kilogram								
Antimony	0.50	<0.25	0.32	0.50	0.50	0.28	0.30	500	150
Arsenic	**64 (2.8/<1.0)**	28	28	22	34	26	2.0	500	50
Barium	94	38	130	76	98	44	9.5	10,000	1,000
Beryllium	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	75	7.5
Cadmium	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	100	10
Chromium	66	7.5	18	15	18	8.0	1.0	2,500	5,600
Cobalt	6.5	4.0	7.5	8.0	8.0	4.0	12	8,000	800
Copper	18	6.5	18	**330 (<1.0/<1.0)**	26	7.5	**300 (<1.0/<1.0)**	2,500	250
Lead	28	3.0	3.5	**84 (<1.0/<1.0)**	40	2.5	28	1,000	50
Mercury	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	20	2
Molybdenum	1.0	0.37	1.5	4.5	1.0	0.44	5.0	3,500	3,500
Nickel	11	5.0	18	12	16	6.5	5.0	2,000	200
Selenium	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	100	10
Silver	<0.15	<0.15	<0.15	0.30	<0.15	<0.15	0.37	500	50
Thallium	1.5	0.50	0.50	1.0	1.0	0.50	<0.25	700	70
Vanadium	110	20	38	28	36	18	1.5	2,400	240
Zinc	100	98	57	180	240	220	87	5,000	2,500

Notes: B6-1-.5
- B6-1-.5: Sample depth in feet below surface grade
- B6-1-.5: Boring number
- B6-1-.5: Sample/bent identification

< = Less than laboratory detection limits.
TTLC = Total Threshold Limit Concentration.
STLC = Soluble Threshold Limit Concentration.
(5.2/<1.0) = Soluble concentration by Waste Extraction Test (WET) using citric acid and WET using de-ionized water extractant

TABLE 3
SUMMARY OF SOIL ANALYTICAL RESULTS – PETROLEUM HYDROCARBONS
GREENWAY TRAIL PROJECT
WHITTIER, CALIFORNIA

SAMPLE I.D.	DATE	TPHg (mg/kg)	TPHd (mg/kg)	TPHmo (mg/kg)	VOCS EPA 8020 (µg/kg)	VOCS EPA 8260 (µg/kg)	SVOCs (µg/kg)
Detection Limit		<1.0	<1.0	<1.0	STD	STD	STD
T3-TIE G	8/23/01	---	<20	**1,600**	---	---	**35,000**[1]
T7-TIE G	8/23/01	---	<10	**340**	---	---	---
T8-STK	8/23/01	<1.0	<5.0	**250**	ND	**6.9**[2]	---
T8-5.5	8/23/01	<1.0	<10	**820**	ND	ND	---
T8-7	8/23/01	<1.0	<1.0	**5.2**	ND	ND	---
T9-1	8/23/01	---	<1.0	**96**	---	---	---
T10-1	8/23/01	<1.0	<1.0	**4.9**	ND	---	---
T11-2	8/23/01	<1.0	<1.0	**5.7**	ND	---	---
T13-2	8/23/01	<1.0	<1.0	**3.1**	ND	---	---
T18-1	8/23/01	---	<1.0	**17**	---	ND	---
T20-2	8/23/01	<1.0	<1.0	**6.5**	ND	**34**[3]	---
T21-1	8/23/01	---	---	---	---	ND	---
T22-2	8/23/01	---	<1.0	**7.1**	---	---	---
T23-1	8/23/01	---	<1.0	**5.1**	---	---	---
T29-1	8/23/01	<1.0	<5.0	**170**	ND	---	---

Notes:
TPHg = Total petroleum hydrocarbons as gasoline
TPHd = Total petroleum hydrocarbons as diesel
TPHmo = Total petroleum hydrocarbons as motor oil
µg/kg = Micrograms per kilogram
mg/kg = Milligrams per kilogram
GRO = Gasoline Range Organics by EPA Test Method 8015
VOCs = Volatile Organic Compounds
SVOCs = Semi-Volatile Organic Compounds by EPA Test Method 8270
< = Less than laboratory test method detection limits
--- = Not analyzed
ND = not detected above method detection limit
STD = Standard method detection limit for each constituent
BOLD = Detection
1 = SVOC = Fluoranthene
2 = VOC = Naphthalene
3 = VOC = Trichloroethene

TABLE 4
SUMMARY OF SOIL ANALYTICAL RESULTS – PESTICIDES, PCBs AND HERBICIDES
GREENWAY TRAIL PROJECT
WHITTIER, CALIFORNIA

SAMPLE I.D.	DATE	PESTICIDES EPA TEST METHOD 8081 (µg/kg)	PCBs EPA TEST METHOD 8081 (µg/kg)	HERBICIDES EPA TEST METHOD 8151 (µg/kg)
Detection Limit		STD	STD	STD
T2-.5	8/23/01	ND	ND	ND
S1-.5	8/23/01	**6.2[1], 20[2], 46[3], 9.2[4], 60[5], 5.7[6], 9.5[7], 2.6[8]**	**220[9]**	ND
S2-.5	8/23/01	ND	ND	ND
S5-.5	8/23/01	ND	ND	ND
S6-.5	8/23/01	**14[2], 23[3], 16[4], 130[5], 10[6], 16[7]**	ND	ND
S7-.5	8/23/01	**41[1], 110[2], 46[3], 84[4], 370[5], 250[6], 64[7], 11[8]**	ND	ND
S8-0	8/23/01	ND	ND	ND
S9A-0	8/23/01	ND	ND	ND
T14-1	8/23/01	ND	ND	ND
T17-1.5	8/23/01	ND	ND	ND
T27-1	8/23/01	ND	ND	ND

Notes:
< = Less than laboratory test method detection limits
--- = Not analyzed
µg/kg = Micrograms per kilogram
STD = Standard method detection limit for each constituent
PCBs= Poly chlorinated Biphenyls
ND = not detected above method detection limit
PRG = Preliminary Remediation Goal
1 = 4,4'-DDD (Residential PRG = 2,400 µg/kg)
2 = 4,4'-DDE (Residential PRG = 1,700 µg/kg)
3 = 4,4'-DDT (Residential PRG = 1,700 µg/kg)
4 = alpha-Chlordane (Residential PRG = 1,600 µg/kg)
5 = Chlordane (Residential PRG = 1,600 µg/kg)
6 = Dieldrin (Residential PRG = 30 µg/kg)
7 = gamma-Chlordane (Residential PRG = 1,600 µg/kg)
8 = Heptachlor epoxide (Residential PRG = 53 µg/kg)
9 = PCBs = Aroclor 1260 (Residential PRG = 220 µg/kg)
BOLD = Detection

TABLE 5
SUMMARY OF SOIL AND PAINT CHIP ANALYTICAL RESULTS - TOTAL AND SOLUBLE LEAD AND TOTAL ARSENIC
GREENWAY TRAIL PROJECT
WHITTIER, CALIFORNIA

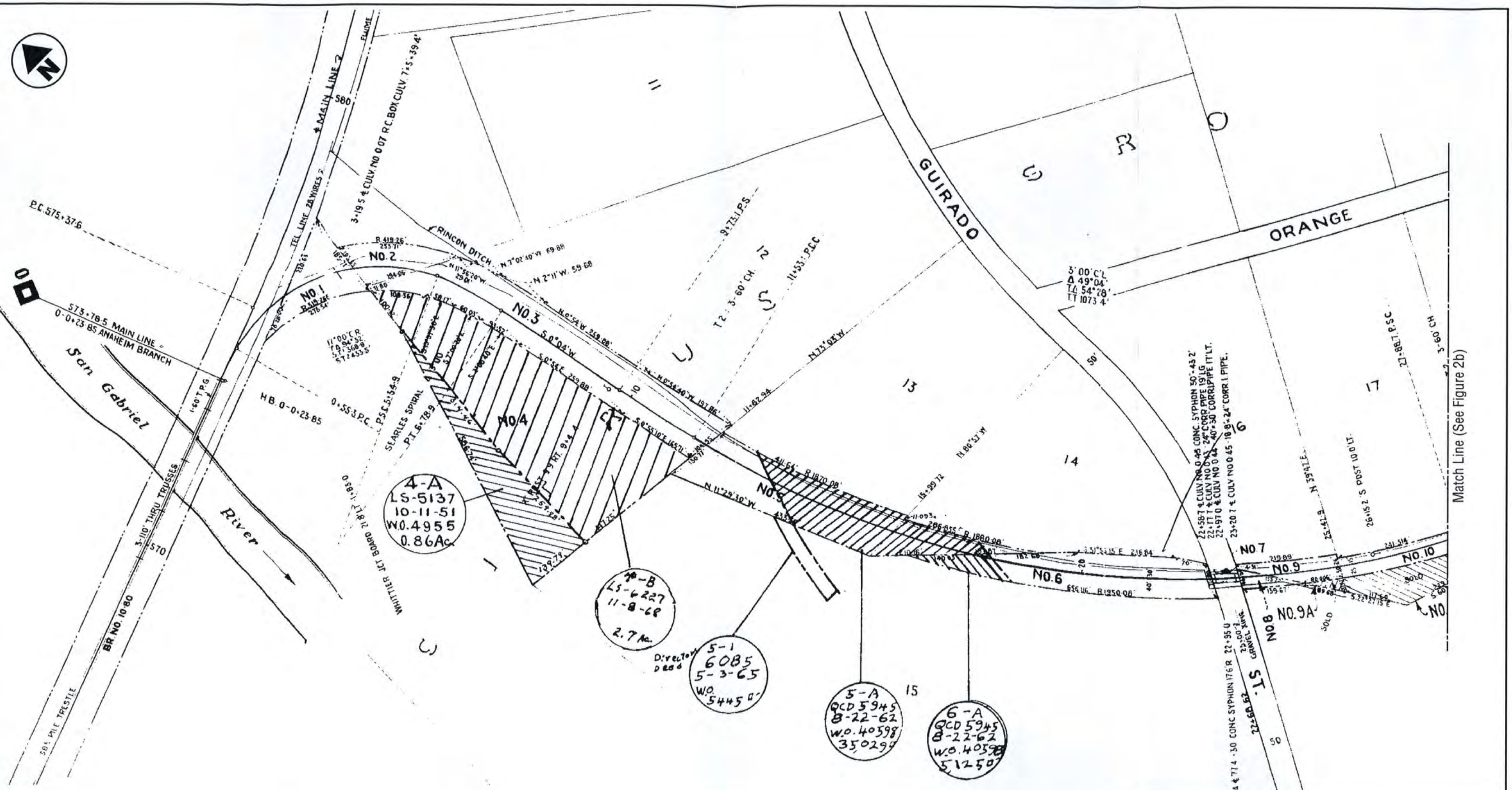
SAMPLE I.D.	TOTAL LEAD EPA METHOD 6010 (mg/kg)	WET LEAD EPA METHOD 6010 (mg/l)	DI-WET LEAD EPA METHOD 6010 (mg/l)	TOTAL ARSENIC EPA METHOD 6010 (mg/kg)
T3-TIEG	22	---	---	10
SD BOX #1 PAINT	**1,100**	---	---	---
SD BOX #1 SOIL	**60**	2.2	<1.0	---
S1-.5	16	---	---	25
S2-.5	13	---	---	8.0
S3-0	**120**	1.4	<1.0	---
S4-0	4.0	---	---	---
S5-.5	6.0	---	---	7.5
S6-.5	34	---	---	12
S7-.5	**66**	---	---	9.0
RET WALL #1 PAINT	6.0	---	---	---
RET WALL #1 SOIL	**82**	**9.5**	<1.0	---
T7-TIEG	**100**	---	---	46
T9-1	7.5	---	---	9.5
T10-1	4.0	---	---	7.0
S8-0	**50**	---	---	6.5
T11-2	4.0	---	---	**99**
S9A-0	**150**	---	---	12
S9B-0	**120**	2.7	<1.0	---
T13-2	4.0	---	---	7.0
T14-1	5.0	---	---	8.0
T17-1.5	12	---	---	36
T18-1	34	---	---	22
T20-2	15	---	---	8.0

TABLE 5
SUMMARY OF SOIL AND PAINT CHIP ANALYTICAL RESULTS - TOTAL AND SOLUBLE LEAD AND TOTAL ARSENIC
GREENWAY TRAIL PROJECT
WHITTIER, CALIFORNIA

SAMPLE I.D.	TOTAL LEAD EPA METHOD 6010 (mg/kg)	WET LEAD EPA METHOD 6010 (mg/l)	DI-WET LEAD EPA METHOD 6010 (mg/l)	TOTAL ARSENIC EPA METHOD 6010 (mg/kg)
T22-2	3.5	—	—	8.0
T23-1	14	—	—	16
S10-0	**260**	**8.2**	<1.0	—
T27-1	33	—	—	9.0
T29-1	<0.25	—	—	<0.25

Notes: mg/kg = Milligrams per kilogram
mg/l = Milligrams per liter
WET = Waste Extract Test method using an acid extract
DI-WET = Waste Extract Test method using a deionized water extract
--- = Not analyzed
< = Less than laboratory reporting limits
BOLD = Greater than Total Threshold Limit Concentration of 1,000 mg/kg or
10 times Soluble Threshold Limit Concentration of 5 mg/l (50 mg/kg) for total lead concentrations.
BOLD = Greater than Soluble Threshold Limit Concentration of 5 mg/l for WET lead concentrations.
BOLD = Greater than 10 times Soluble Threshold Limit Concentration of 5 mg/l (50 mg/kg) for total arsenic concentrations.

APPENDIX A



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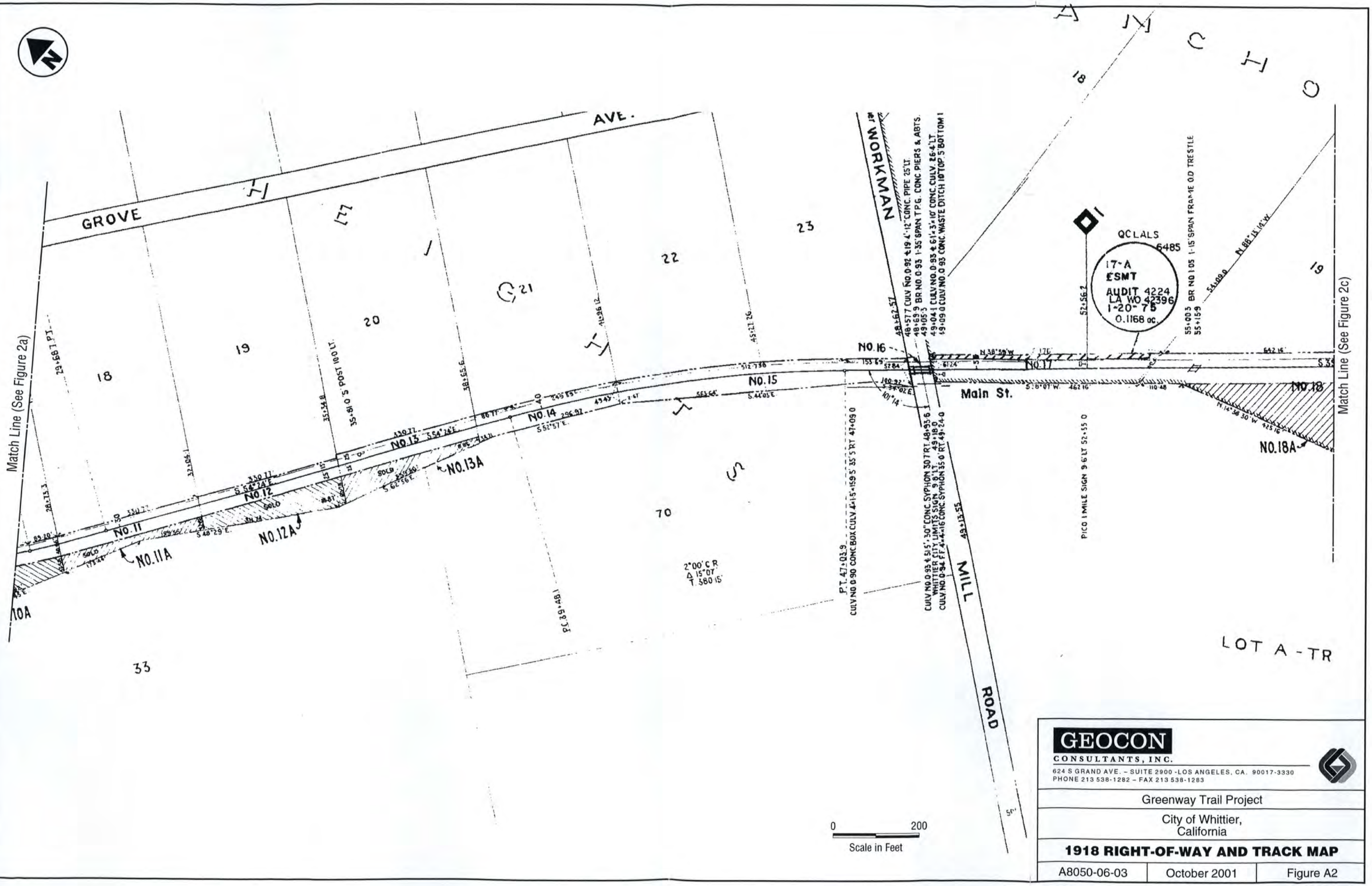
Greenway Trail Project

City of Whittier, California

1918 RIGHT-OF-WAY AND TRACK MAP

A8050-06-03	October 2001	Figure A1



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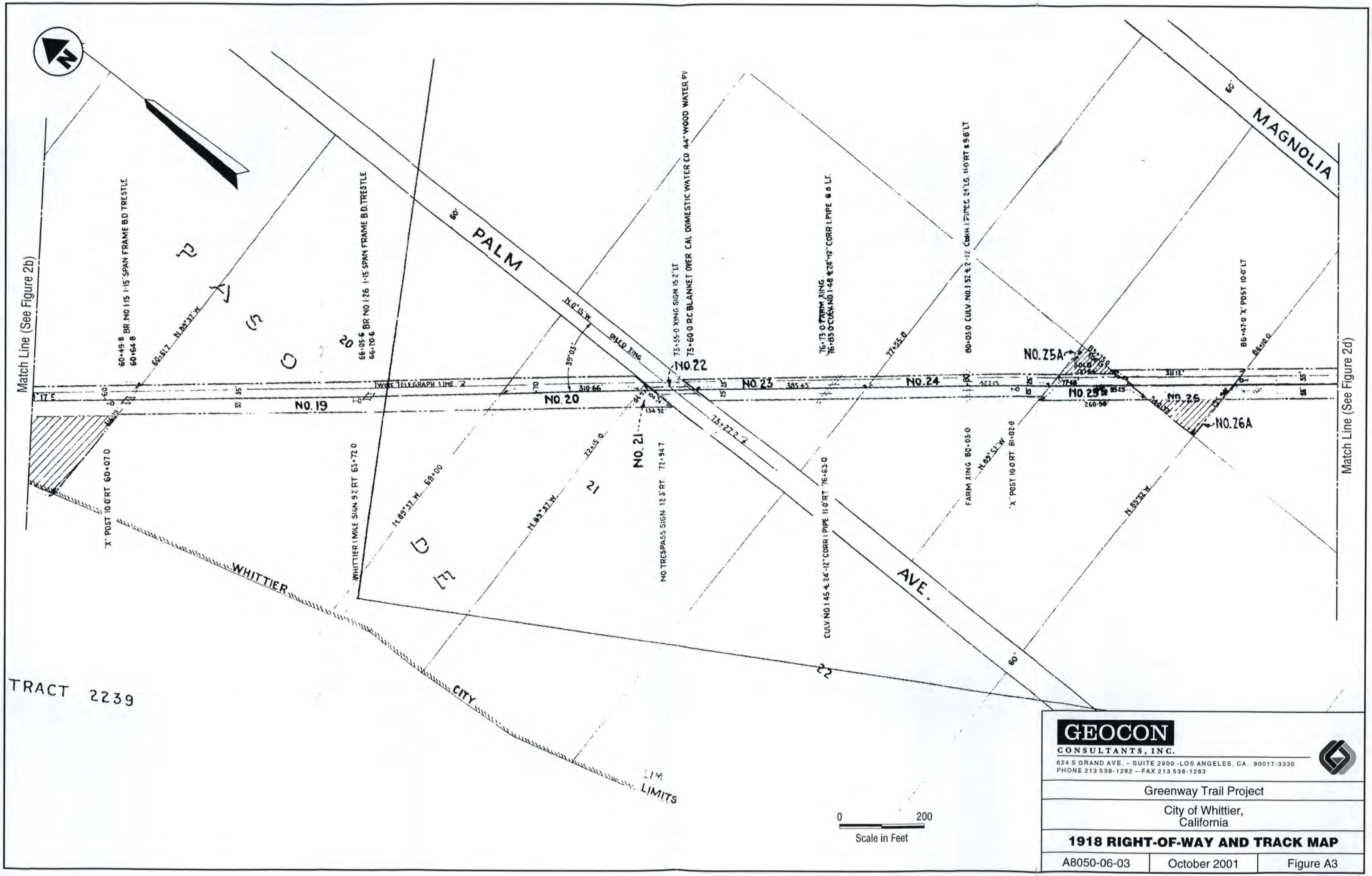
Greenway Trail Project

City of Whittier, California

1918 RIGHT-OF-WAY AND TRACK MAP

A8050-06-03	October 2001	Figure A2



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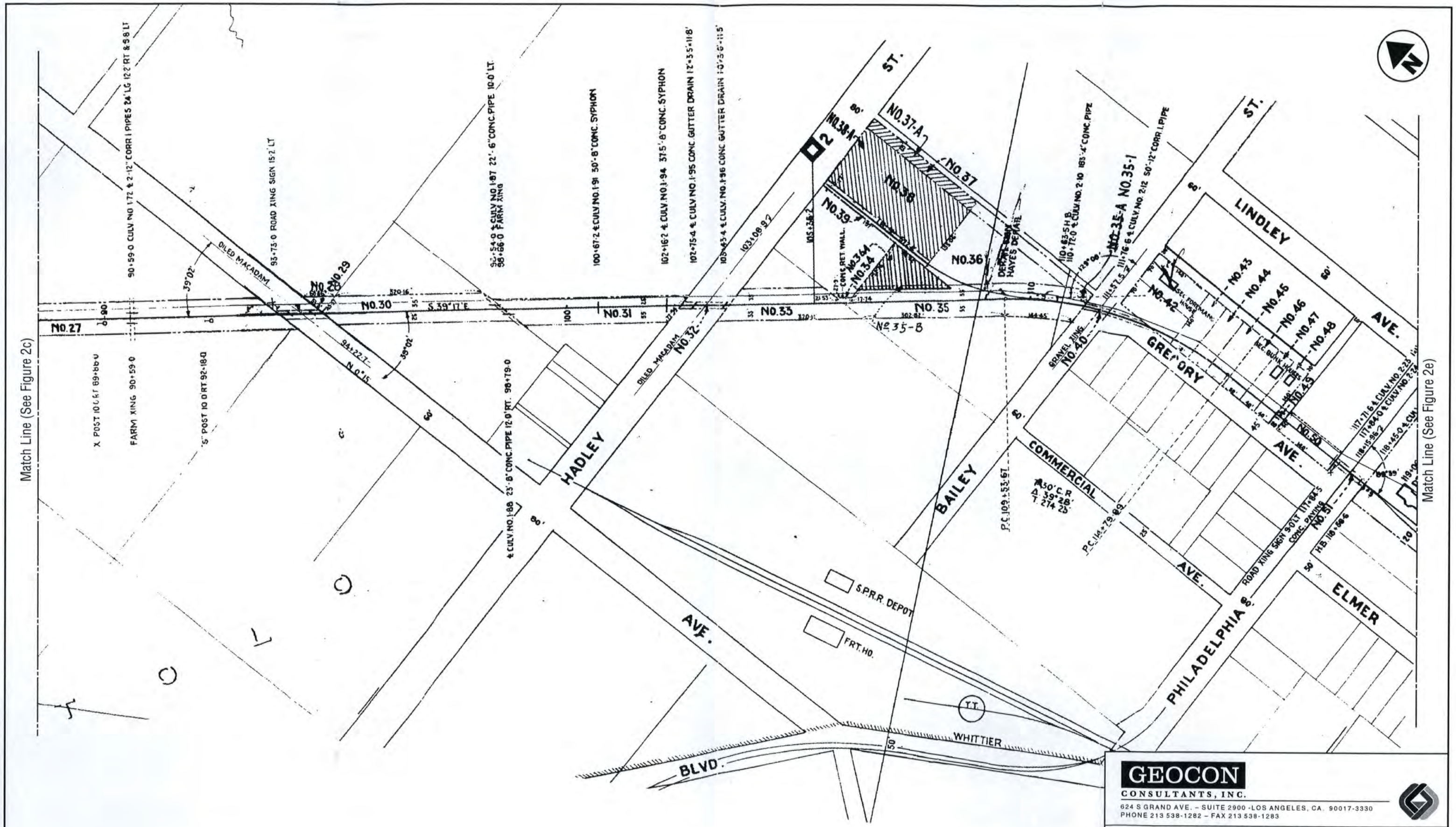
City of Whittier, California

1918 RIGHT-OF-WAY AND TRACK MAP

A8050-06-03	October 2001	Figure A3



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City of Whittier, California

1918 RIGHT-OF-WAY AND TRACK MAP

A8050-06-03	October 2001	Figure A4

WHITTIER CALIF.

PIERCE AVE.

COLLEGE AVE.

UNION AVE.

PENN AVE.

BALDWIN AVE.

WALNUT AVE.

PIERCE AVE.

8' P.E.R.C.

2-2'-9" CONC. GUTTER DRAIN

LONG DRAIN

NO. 225

RES.

NO.52

122+04.46 P.C.

T 30' C.L.
Δ 28°25'
T. 193.57'

125+83.34 P.T.

123+70.3 H.B.

S. 0°11' W.

TR NO. 4 167.2

TR NO. 1 103.8

TR NO. 5 193.6

TR NO. 2 139.7

NO.53

NO.55

131+60.5 H.B.

132+28.0 OILED MACADAM

HAYES DERAIL

NO.56

NO.57

NO.58

NO.60-A

135+49.0 ℄ XING SIGN 16.0' LT.
135+66.0 ℄ 32"-24" CORR. I PIPE 9.4' LT.

137+17.30 P.C.

137+92.2 H.B.

139+00.0 ℄ CULV NO 264 39"-10" CONC. SYPHON

NO.60

NO.65

NO.64

NO.63

NO.59

NO.67

NO.66

NO.69

NO.70

2°00' C.L.
Δ 20°18'
T. 512.91'

142+45.2 ℄ CULV NO 270 16"-10" CORR. I PIPE
142+51.7 ℄ CULV NO. 271 16"-12" CORR. I PIPE 9.6' LT.

END OF TRACK APRIL 30, 1918 145+53.0

147+32.30 P.T.
EQUATION
146+55.60

NO. 53-A

NO.54

NO. 54-1

AVE.

LIMITS

WHITTIER

ROAD XING SIGN 8.5' RT 132+10.0

H.B. 131+87.8

T 50' C.R.
Δ 19°03'
T 128.28'

ELLIS BUMPER

SUNNYSLOPE

5 BENT TRESTLE

HAYES DERAIL
DERAIL SIGN

P.C. 150+53.0

P.T. 135+13.0

ELLIS BUMPER

2 CORR. I PIPE S END 10.7' R 136+57.6
20.7' R 136+19.6

66-B
DA. 5583
4-29-58
W.O. 6638
5831 a.

66-A
DA. 5558
1-21-58
W.O. 6588
17,169 a.

℄ FARMING 142+57.0

BLVD.

50'

80'

3.0

V6A
S1&2

Match Line (See Figure 2d)

Match Line (See Figure 2f)

0 200
Scale in Feet

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Greenway Trail Project

City of Whittier, California

1918 RIGHT-OF-WAY AND TRACK MAP

A8050-06-03	October 2001	Figure A5

Match Line (See Figure 2g)

Match Line (See Figure 2e)

Scale in Feet

0 200

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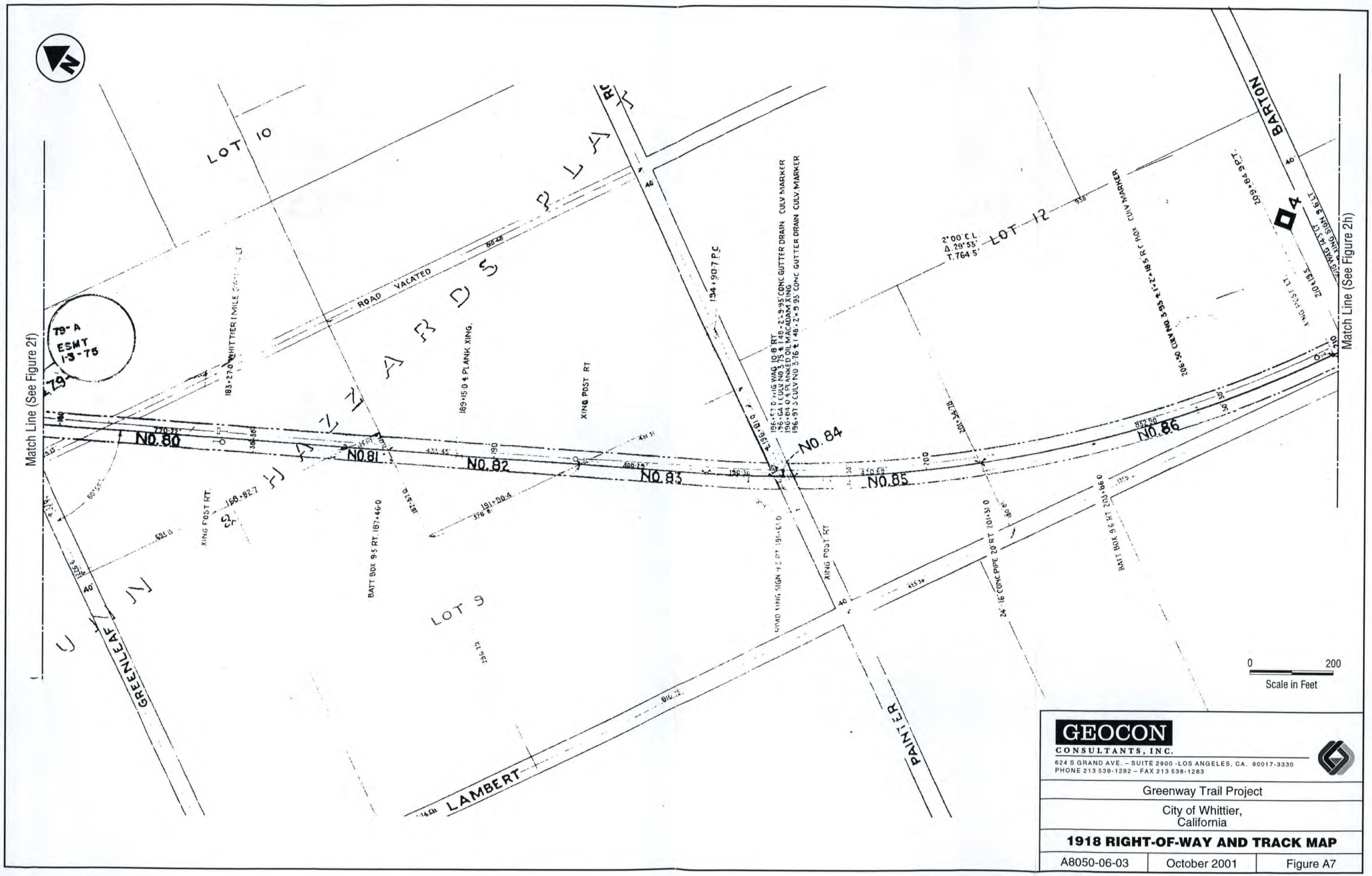
City of Whittier, California		
1918 RIGHT-OF-WAY AND TRACK MAP		
A8050-06-03	October 2001	Figure A6



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Greenway Trail Project

City of Whittier,
California

1918 RIGHT-OF-WAY AND TRACK MAP

A8050-06-03	October 2001	Figure A7

A8050-06-03	October 2001	Figure A8

1918 RIGHT-OF-WAY AND TRACK MAP

City of Whittier,
California

Greenway Trail Project

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Scale in Feet
0
200

Pacific Electric Ry

WALNUT

WIG WAG 147 RT. 232+55.0

93-A
DA 5755
1-30-58
W.O. 6571
3824 o'

93-B
DA 5755
1-30-58
W.O. 6574
2455 o'

XING POST RT

XING POST RT

BATT. BOX 9 5' RT. 222+55.0

XING POST RT

4

PLANKED OIL MACADAM XING 210+81.0 ℄ 2
CULV NO 4-01 ℄ 1-2-16' R C BOX CULV MARKER 210+94.0

ROAD

NO. 92
NO. 91
NO. 90
NO. 89
NO. 88
NO. 87

MAY

232+45.0 CULV NO 4-42 ℄ 26'-12" CORR I PIPE CULV MARKER
232+67.0 PLANKED OIL MACADAM XING
232+68.0 ROAD XING SIGN 5'6 LT.
232+68.0 CULV NO 4-43 ℄ 2'-9" CONC GUTTER DRAIN CULV MARKER

229+55.0 CULV NO 4-56 ℄ 18'-12" CORR I PIPE CULV MARKER

225+12.05

222+92.0 CULV NO 4-24 ℄ 5'-6" 20.8' R.C. BOX CULV MARKER

222+60.0

219+75.0 CULV NO. 4-18 ℄ 18'-12" CORR I PIPE.

CHAWYERS
MAP 82-81

LOT X

LOT 2

LOT 3

LOT 4

LOT 5

LOT 6

LOT 7

LOT 8

LOT 9

LOT 10

LOT 11

LOT 12

LOT 13

LOT 14

LOT 15

LOT 16

LOT 17

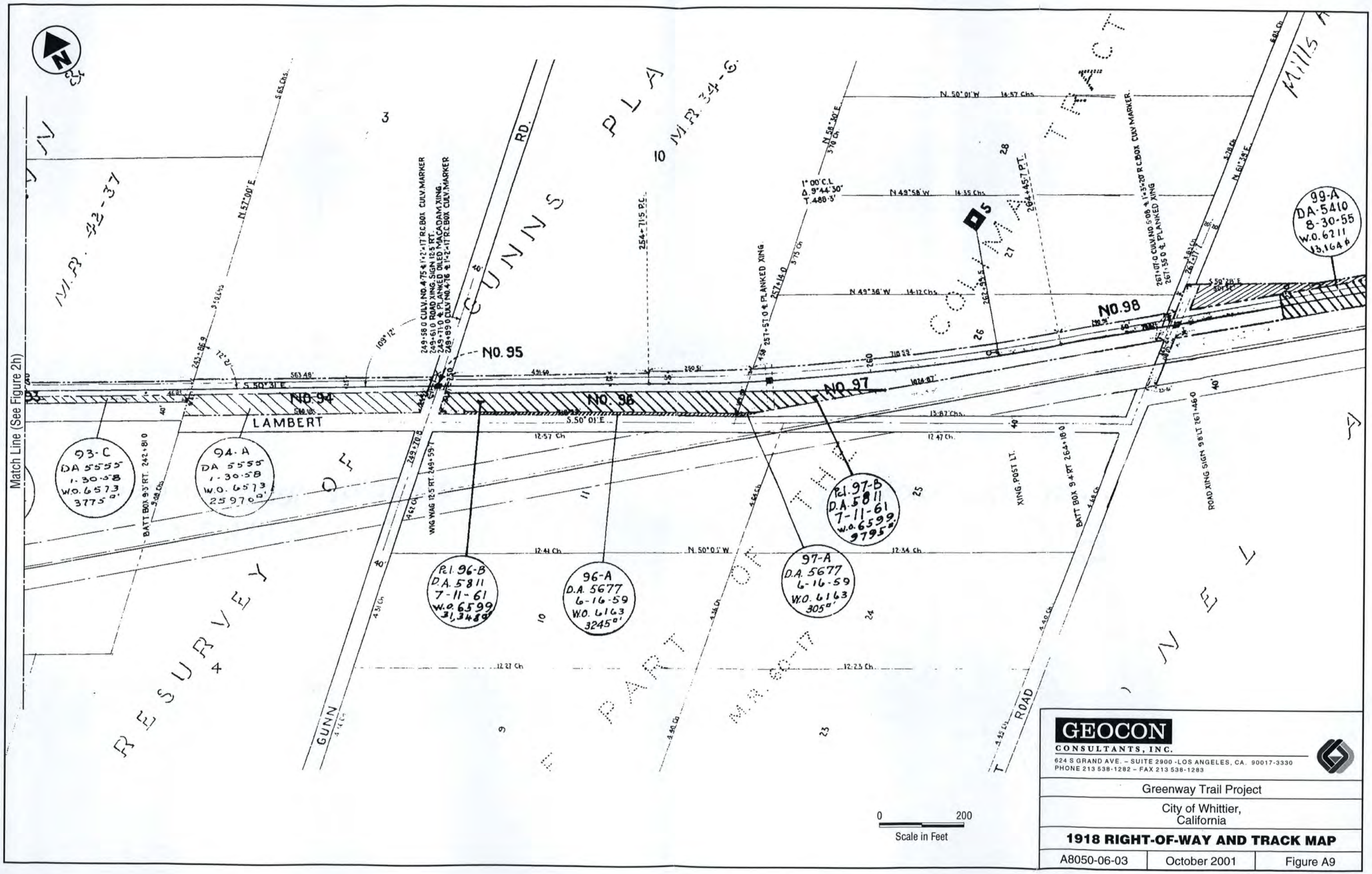
LOT 18

LOT 19

LOT 20

LOT 21

LOT



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Greenway Trail Project

City of Whittier, California

1918 RIGHT-OF-WAY AND TRACK MAP

A8050-06-03	October 2001	Figure A9

APPENDIX B

Project No. A8050-06-03
October 11, 2001

Mr. Kirk E. Trost
Hyde, Miller, Owen & Trost
428 J Street, Suite 400
Sacramento, California 95814

Subject: GREENWAY TRAIL PROJECT
ABANDONED UNION PACIFIC RAILROAD CORRIDOR
ASBESTOS AND LEAD-CONTAINING PAINT SURVEYS

Dear Mr. Trost:

Geocon Consultants, Inc. has performed asbestos and lead-containing paint surveys at the subject site. The scope of services provided by Geocon included surveying four bridges for asbestos and lead-containing paint, collecting bulk samples, and submitting the samples to laboratories for analyses.

PROJECT LOCATION AND PROPOSED IMPROVEMENTS

The subject site consists of the following four bridge structures associated with an abandoned Union Pacific Railroad (UP) corridor in Whittier, California:

- Interstate 605 Overcrossing;
- Norwalk Boulevard Overcrossing;
- Pickering Avenue Overcrossing; and
- Whittier Boulevard Overcrossing.

The proposed project involves the acquisition of the UP corridor and the associated bridge structures by the City of Whittier for potential redevelopment as a pedestrian trail. The approximate location of the *Site* and associated bridge structures are depicted on the Project Location Map, Figure 1. Photographs of the individual bridges, suspect materials, and sample locations are presented on Figures 2 through 5.

PURPOSE

The purpose of the scope of work was to determine the presence and quantity of asbestos and deteriorated lead-containing paint on the bridges. The information obtained from this investigation may be used to estimate removal and disposal costs and coordinate asbestos and/or lead-containing paint abatement, if necessary, in conjunction with future bridge renovation and/or demolition work.

FIELD ACTIVITIES

The following field activities were performed in conjunction with the Phase II Environmental Site Assessment for the Greenway Trail Project.

Asbestos Survey

The *Code of Federal Regulations (CFR),* 40 CFR 61, Subpart M, National Emissions Standards for Hazardous Air Pollutants (NESHAP) and Federal Occupational Safety and Health Administration (FED OSHA) classify asbestos-containing materials (ACM) as any material or product which contains more than 1% asbestos. Nonfriable ACM are classified by NESHAP as either Category I or Category II material defined as follows:

- **Category I** – asbestos-containing packings, gaskets, resilient floor coverings, and asphalt roofing products.
- **Category II** – all remaining types of non-friable asbestos-containing material not included in Category I that when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

Regulated asbestos-containing material (RACM) is classified as any material that contains greater than 1% asbestos by dry weight and is:

1. Friable; or
2. Category I material that has become friable; or
3. Category I material that has been subjected to sanding grinding, cutting or abrading; or
4. Category II non-friable material that has a high probability of becoming crumbled, pulverized, or reduced to a powder during demolition or renovation activities.

With respect to potential worker exposure, the California Code of Regulations (CCR), 8 CCR 341.6, defines asbestos-containing construction materials (ACCM) as construction material that contains more than 0.1% asbestos.

Mr. David Watts, a California Certified Asbestos Consultant (CAC), certification No. 98-2404 (expiration September 16, 2002), performed the asbestos surveys of the subject bridge sites on August 15, 2001.

Suspect ACM were grouped into homogeneous areas with representative samples randomly collected from each. In addition, each potential ACM was evaluated for condition (evidence of deterioration, physical damage, and water damage) and friability.

Nine bulk asbestos samples, including thermal system pipe insulation and joint expansion material, were collected from the subject bridge sites. No other suspect ACM were observed.

Geocon's procedures for inspection and sampling in accordance with the Greenway Trail Project are discussed below:

- Collected bulk asbestos samples after first wetting the material with a light mist of water. The samples were then cut from the substrate and transferred to a labeled container. Note that when multiple samples were collected, the sampling locations were distributed throughout the homogeneous area (spaces where the material was observed).
- Relinquished bulk asbestos samples to Advanced Technology Laboratories who subcontracted the analyses to Scientific Laboratories of California (SCILAB), a California-licensed laboratory, for asbestos analysis in accordance with EPA Test Method 600/M4-82-020 using polarized light microscopy (PLM) under standard chain-of-custody procedures. SCILAB is a laboratory accredited by the National Institute of Standards and Technology National Voluntary Laboratory Accreditation Program (NIST-NVLAP) for bulk asbestos

fiber analysis. The laboratory analyses were performed on a standard two-week turn-around-time.

Two of the bridges (Norwalk Boulevard Overcrossing and Whittier Boulevard Overcrossing) contained potentially asbestos-containing expansion joint material. Potentially asbestos-containing thermal system pipe insulation was also observed at the Interstate 605 Overcrossing. Consequently, bulk samples of these materials were collected. Photographs of the materials sampled are presented on Figures 2 through 5. The sample identification numbers, locations, and descriptions of the materials sampled at the Interstate 605, Norwalk Boulevard and Whittier Boulevard Overcrossings are summarized in Table 1.

Lead-Containing Paint Survey

Lead-based paint is defined by Title 17, CCR, Division 1, Chapter 8, §35033 as any surface coating that contains an amount of lead equal to, or in excess of one milligram per square centimeter (1.0 mg/cm^2) or more than half of one percent (0.5%) by weight. However, construction activities (including demolition) which disturb materials containing any amount of lead are subject to certain requirements of the California Division of Occupational Safety and Health (Cal/OSHA) lead standard contained in Title 8, CCR, Section 1532.1. Deteriorated lead-based paint is defined by Title 17, CCR, Division 1, Chapter 8, §35022 as a lead-based surface coating that is cracking, chalking, flaking, chipping, peeling, non-intact, failed, or otherwise separating from a component. Demolition of a deteriorated lead-containing paint (LCP) component would require waste characterization and appropriate disposal. Intact lead-containing paint on a component is currently accepted by most landfill facilities, however, contractor(s) should characterize painted waste materials prior to disposal.

Potential hazards exist to workers who remove or cut through lead-containing paint coatings during demolition. Dust containing hazardous concentrations of lead may be generated during scraping or cutting materials coated with lead-containing paint. Torching of these materials may produce lead oxide fumes. Therefore, air monitoring and/or respiratory protection may be required during the demolition of materials coated with lead-containing paint. Guidelines regarding regulatory provisions for construction work where workers may be exposed to lead are presented in the Title 8, CCR, Section 1532.1.

Mr. David Watts, a Certified Lead-Based Paint Inspector/Assessor and Project Monitor with the California Department of Health Services (DHS), Certification Nos. I-1734 and M-1734, performed the LCP surveys of the subject bridge sites on August 15, 2001. Eighteen LCP samples were collected.

In addition, each painted area was evaluated for evidence of deterioration such as flaking or cracking.

Geocon's procedures for inspection and sampling are discussed below:

- Collected representative bulk samples of suspect LCP using techniques presented in the United States Department of Housing and Urban Development (HUD) guidelines.
- Relinquished LCP samples to Advanced Technology Laboratories (ATL), a California-licensed and Caltrans approved subcontractor, for chemical analysis for total lead following EPA Test Method 6010B under standard chain-of-custody procedures. The laboratory analyses were performed on a standard two-week turn-around-time.

Photographs of the painted components sampled are presented on Figures 2 through 5. The sample identification numbers, locations, colors, and conditions of the paints are summarized in Table 2.

ANALYTICAL RESULTS

Asbestos

Chrysotile asbestos was detected in thermal system pipe insulation collected from the Interstate 605 Overcrossing structure at a concentration of 20%. The insulation was observed to be in good condition during the survey. No asbestos was detected in samples of joint expansion material collected from the Norwalk and Whittier Boulevard bridge structures.

The laboratory asbestos results are summarized in Table 1. Copies of the laboratory report and chain-of-custody documentation are included herein as an attachment.

Lead-Containing Paint

Lead was detected in all of the paint samples collected at each bridge site at concentrations ranging from 110 to 460,000 mg/kg. Lead concentrations of gray paint (typically applied to superstructures) ranged from 11,000 to 460,000 mg/kg and were observed to be intact. Lead concentrations of beige paint (typically applied to abutments) ranged from 110 to 560 mg/kg. However, beige-painted abutments at the Norwalk Boulevard, Pickering Avenue, and Whittier Boulevard overcrossings were observed to be significantly flaking or peeling.

The laboratory LCP results are summarized in Table 2. Copies of the laboratory report and chain-of-custody documentation are included herein as an attachment.

CONCLUSIONS AND RECOMMENDATIONS

Asbestos

Based on the analytical test results, Geocon recommends that thermal system pipe insulation used on the Interstate 605 Overcrossing structure be removed and disposed of by a licensed and certified asbestos abatement contractor prior to planned bridge renovation and/or demolition activities that would disturb the pipe insulation materials. The estimated quantity of pipe insulation ACM is 1,200 square feet. For preliminary planning purposes only, the approximate abatement cost for this material is $12,500.

Lead-Containing Paint

Based on the analytical test results, Geocon recommends that peeling/flaking LCP observed on the abutments of the Norwalk, Pickering and Whittier Boulevard bridge sites be removed and disposed of prior to planned bridge renovation and/or demolition work. The contractor should be required to use personnel who have lead-related construction certification as supervisors or workers, as appropriate, from the California DHS for LCP removal work. Loose and peeling/flaking LCP require removal prior to demolition for waste segregation purposes: to separate potentially hazardous (Category III concentrated lead) waste from non-hazardous demolition debris (Category II intact lead-painted architectural components). For preliminary planning purposes only, the approximate abatement cost for deteriorated lead-containing abutment paint is $10,500.

Geocon also recommends that painted surfaces at the bridge sites be treated as lead-containing for purposes of determining the applicability of the Cal/OSHA lead standard during any maintenance, renovation, or demolition activities. This recommendation is based on LCP sample results, the age of

the bridges, and the fact that lead was a common ingredient of paints manufactured before 1978 and is still an ingredient of some industrial paints.

Typically, only paints that are peeling, flaking, or have otherwise become separated from their substrate are of concern from a hazardous waste standpoint. The California Department of Toxic Substances Control (DTSC) "does not generally expect intact painted building materials to exhibit a characteristic of hazardous waste when disposed of." However, construction activities (including renovation or demolition) which disturb materials containing any amount of lead are subject to certain requirements of the Cal/OSHA lead standard contained in Title 8, CCR, Section 1532.1. Intact lead-painted building materials that are removed/demolished should not require disposal as hazardous waste; however, contractor(s) should characterize painted waste materials prior to disposal.

LIMITATIONS

The asbestos and lead-containing paint surveys were conducted in conformance with generally accepted standards of practice for identifying and evaluating asbestos and lead-containing paint in structures. However, asbestos and/or lead-containing paint may exist in areas of the structures not accessible or sampled in conjunction with the Greenway Trail Project.

If you have any questions concerning the contents of this report, or if we may be of further service, please contact the undersigned at your convenience.

Sincerely,

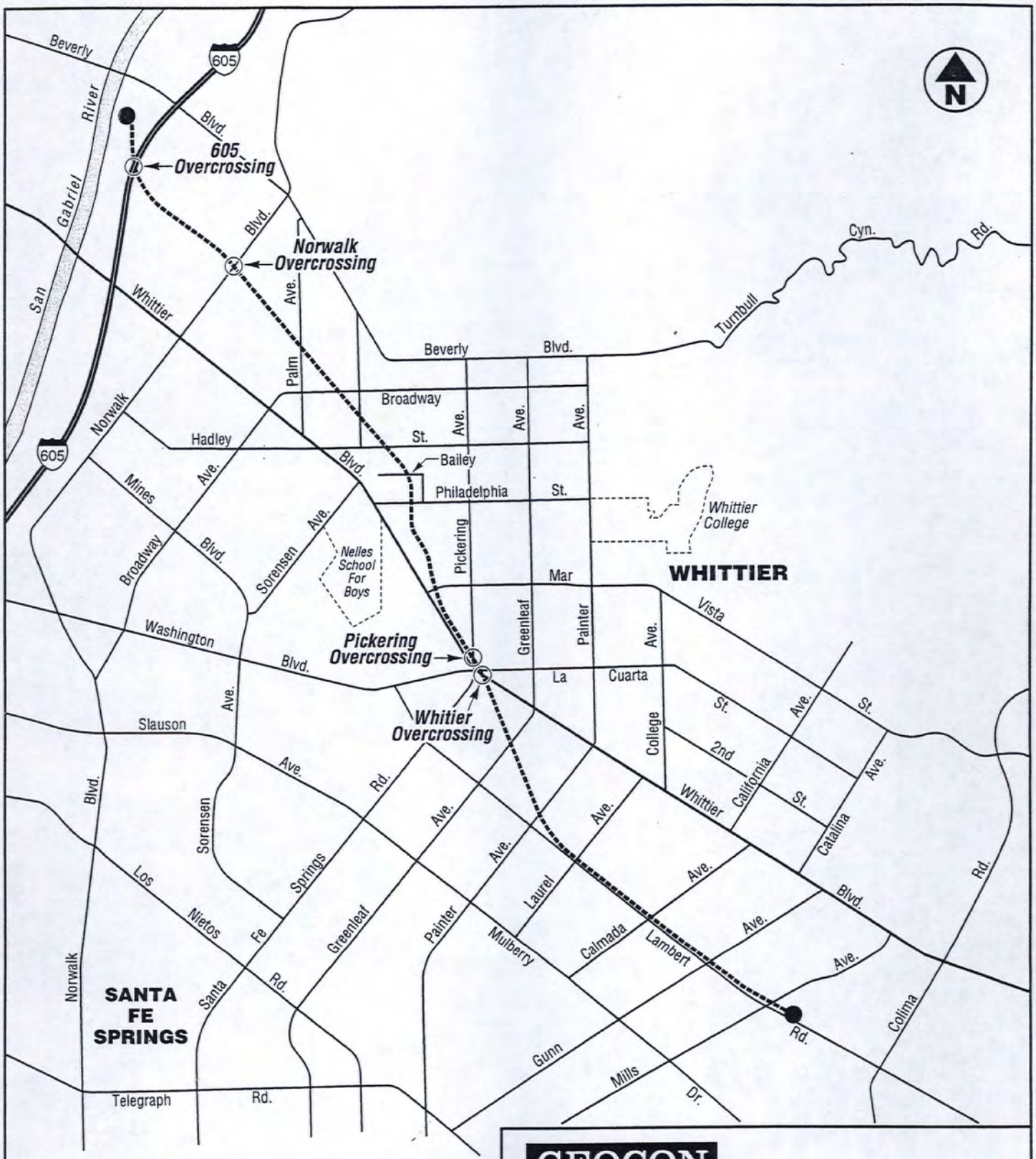
GEOCON CONSULTANTS INC.

David A. Watts, CAC
Project Scientist

DAW:JEJ:sd

(13) Addressee

Attachments: Figure 1, Project Location Map
Figures 2 - 5, Site Photos 1 through 8
Table 1, Summary of Analytical Laboratory Test Results – Asbestos
Table 2, Summary of Analytical Laboratory Test Results – LCP
Laboratory Analytical Reports and Chain-of-Custody Documentation



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PHONE 213 538-1282 – FAX 213 538-1283

Greenway Trail Project

City of Whittier, California

PROJECT LOCATION MAP

A8050-06-03	October 2001	Figure 1

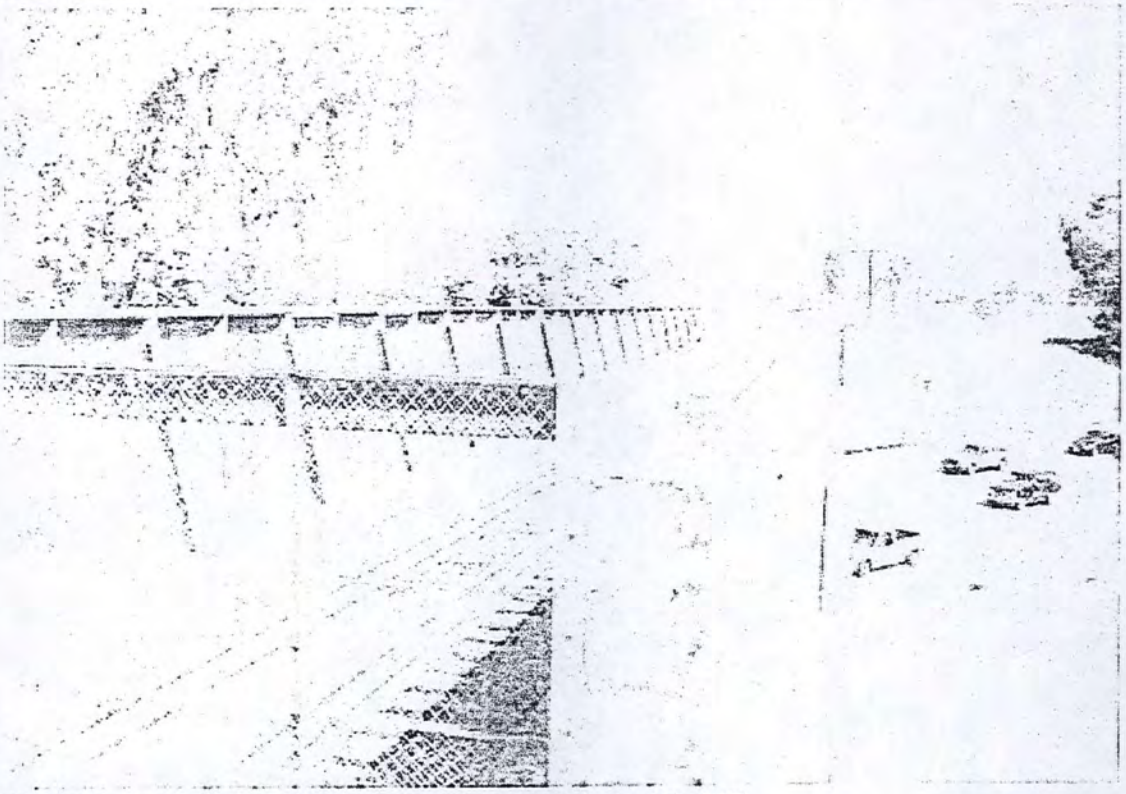


Photo No. 1 Union Pacific Railroad Bridge over Interstate 605

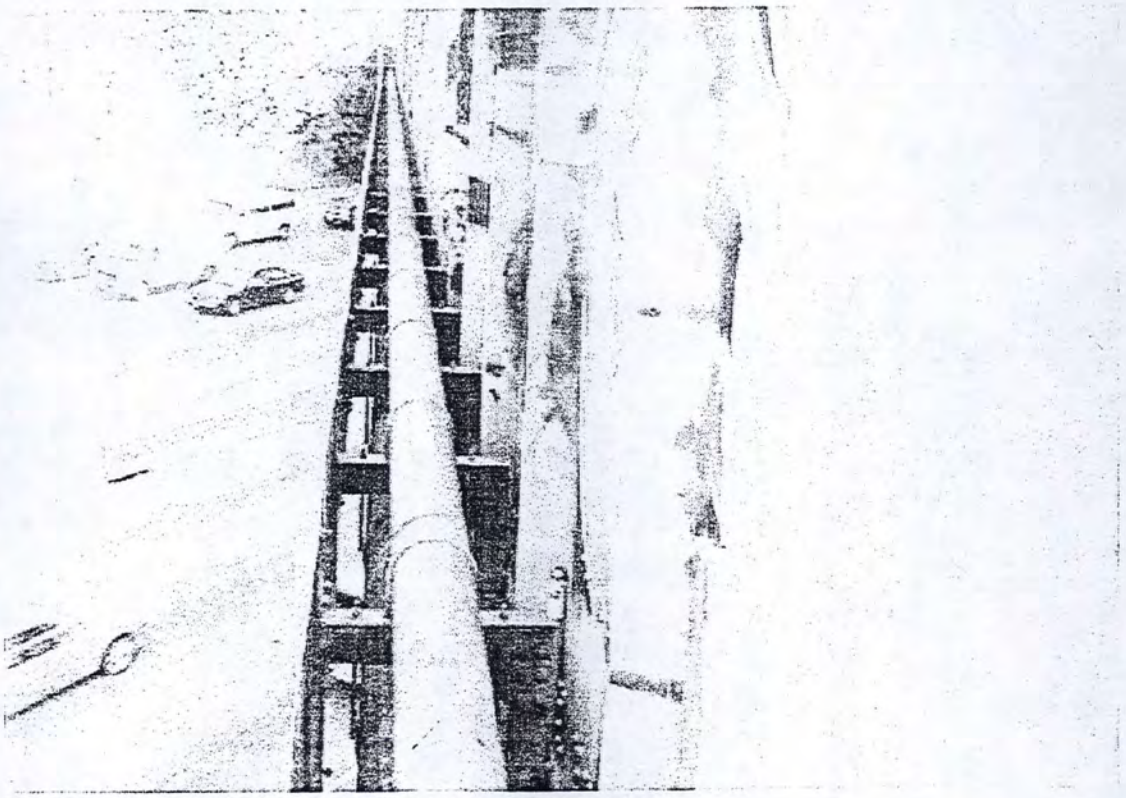


Photo No. 2 Pipe insulation on Interstate 605 Bridge

SITE PHOTOS 1 & 2

Photo No. 3 Union Pacific Railroad Bridge over Norwalk Boulevard

Photo No. 4 Expansion joint material and peeling beige abutment paint on Norwalk Boulevard Bridge

SITE PHOTOS 3 & 4

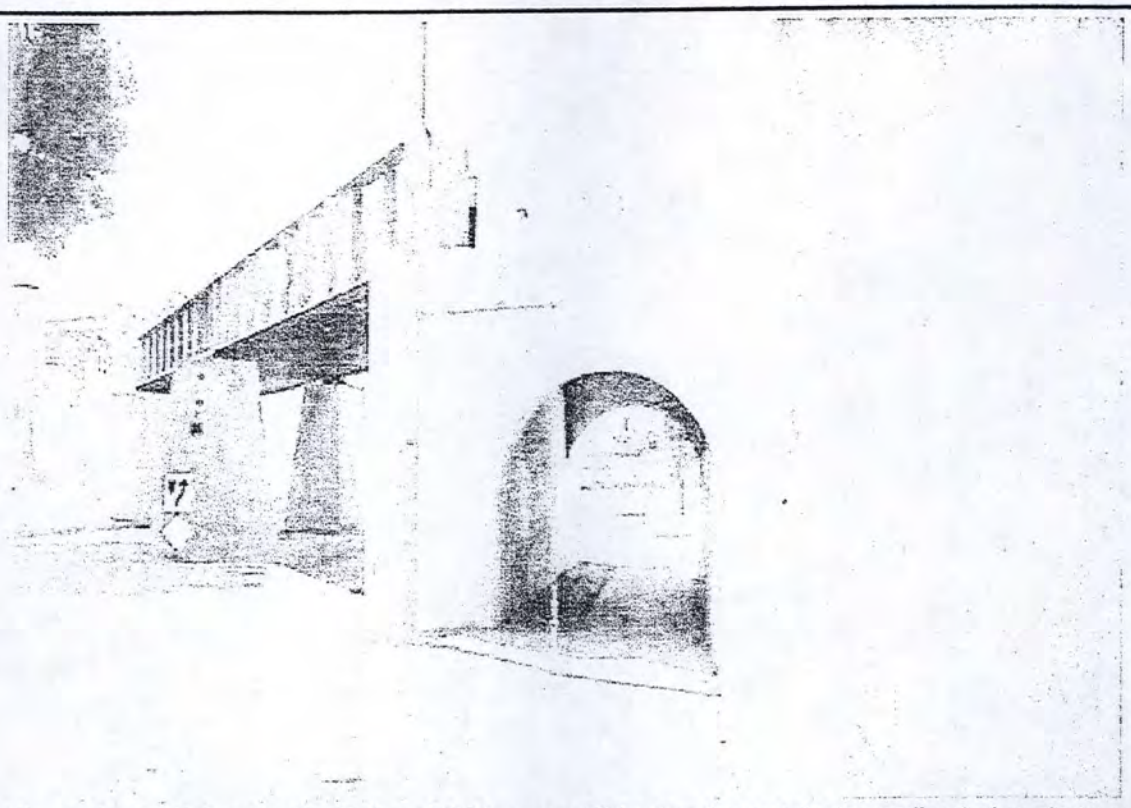


Photo No. 5 Union Pacific Railroad Bridge over Pickering Avenue (note peeling beige abutment paint)

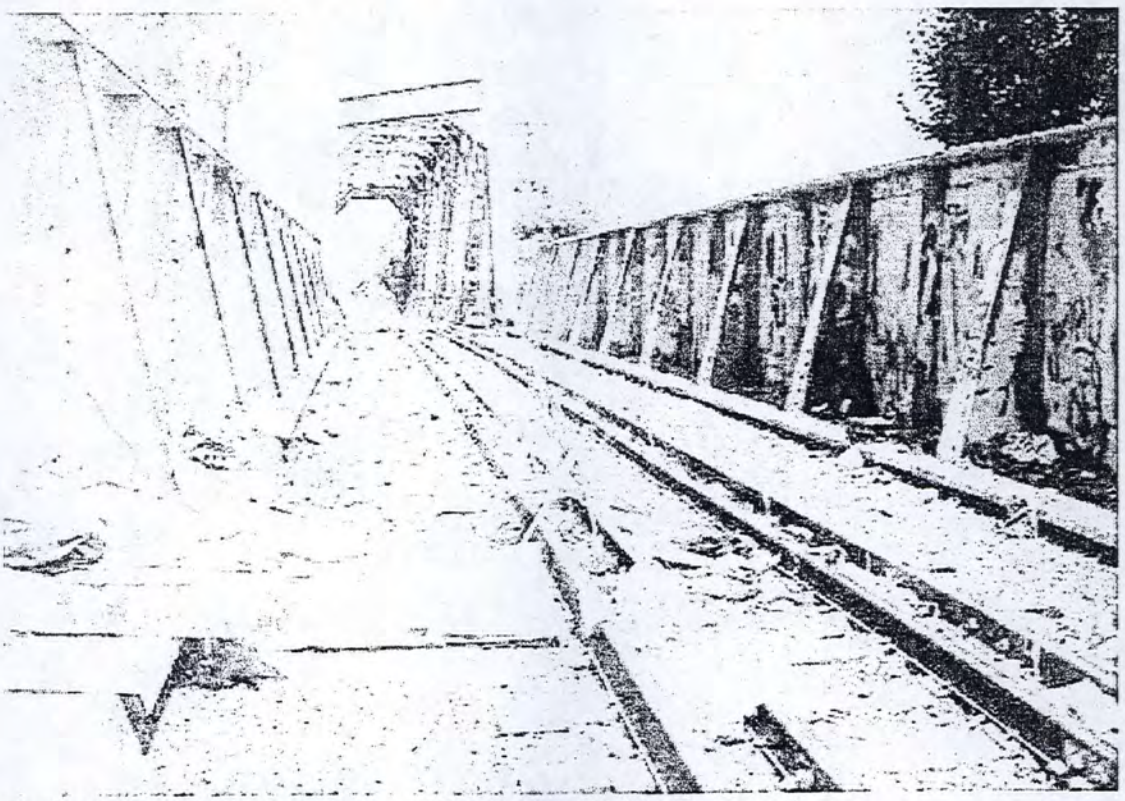


Photo No. 6 Union Pacific Railroad Bridge over Whittier Boulevard

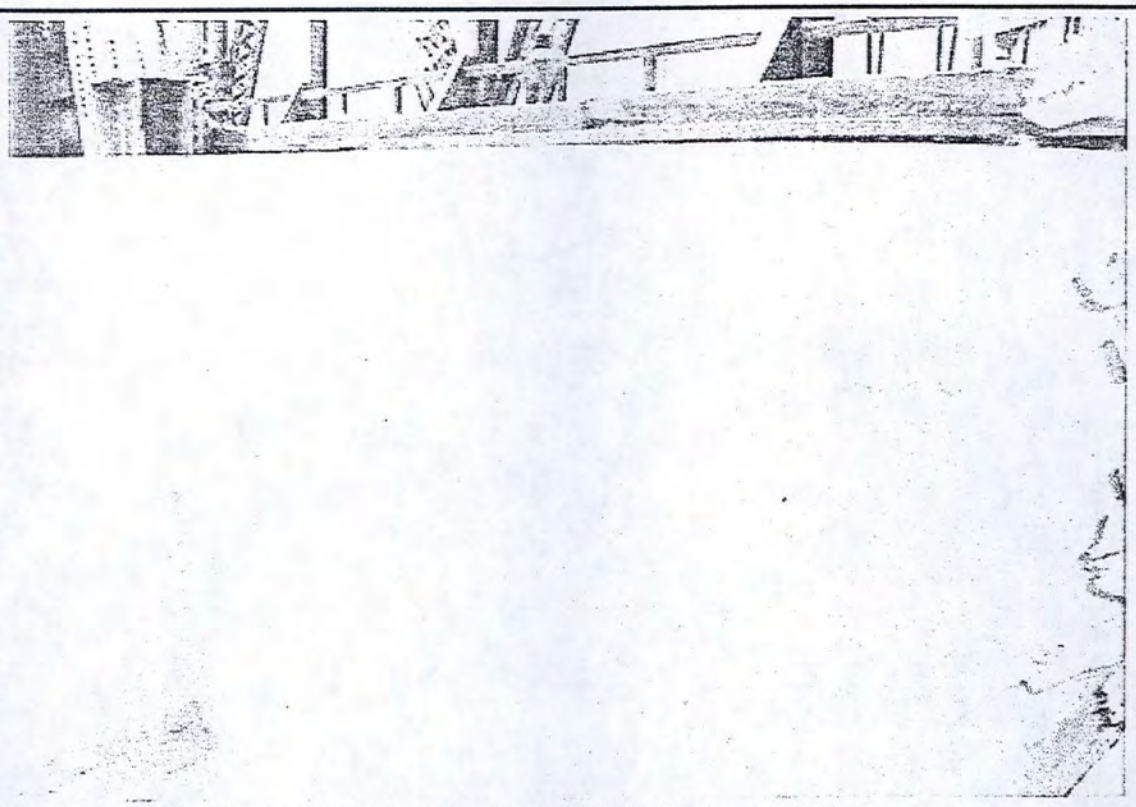
SITE PHOTOS 5 & 6

GEOCON
CONSULTANTS, INC.
324 S GRAND AVE. - SUITE 2300 - LOS ANGELES, CALIFORNIA
PHONE 213 [illegible] - FAX 213 [illegible]

Greenway Trail Project

City of Whittier, California

A3060-06-00 October 200[illegible] Figure 4



Phcto No. 7 Peeling beige abutment paint on Whittier Boulevard Bridge

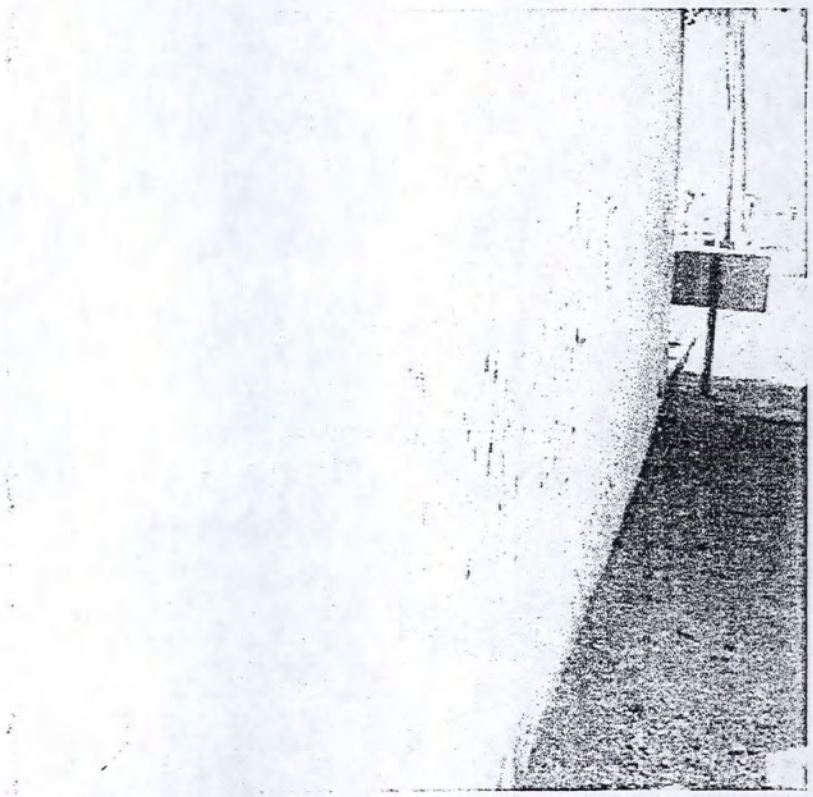


Photo No. 8 Expansion joint material and peeling beige abutment paint on Whittier Boulevard Bridge

SITE PHOTOS 7 & 8

GEOCON CONSULTANTS, INC.

Greenway Trail Project

City of Whittier, California

A8150-16-00 | October 2007 | Figure 5

TABLE 1
SUMMARY OF ANALYTICAL LABORATORY TEST RESULTS - ASBESTOS
GREENWAY TRAIL PROJECT
WHITTIER, CALIFORNIA

SAMPLE I.D.	BRIDGE	FRIABILITY	MATERIAL DESCRIPTION/CONDITION	APPROXIMATE QUANTITY (SQUARE FEET)	ASBESTOS EPA 600/M4-82-020 (TYPE AND % BY WEIGHT)
605-1A	INTERSTATE 605 BRIDGE	FRIABLE	THERMAL SYSTEM PIPE INSULATION/GOOD	1,200 SQUARE FEET	CHRYSOTILE 20%
605-1B					NA
605-1C					NA
NO-1A	NORWALK BOULEVARD OVERCROSSING	FRIABLE	ABUTMENT JOINT EXPANSION MATERIAL/GOOD	NQ	ND
NO-1B					ND
NO-1C					ND
WO-1A	WHITTIER BOULEVARD OVERCROSSING	FRIABLE	ABUTMENT JOINT EXPANSION MATERIAL/GOOD	NQ	ND
W0-1B					ND
WO-1C					ND

Notes: ND = Not detected
NA = Sample not analyzed (prior positive)
NQ = Not quantified

TABLE 2
SUMMARY OF ANALYTICAL LABORATORY TEST RESULTS – LEAD IN PAINT
GREENWAY TRAIL PROJECT
WHITTIER, CALIFORNIA

SAMPLE I.D.	PAINT COLOR	BRIDGE	LOCATION	APPROXIMATE TOTAL QUANTITY	CONDITION	TOTAL LEAD (mg/kg)
605-LCP-1A	GRAY	INTERSTATE 605	SUPERSTRUCTURE	12,000 SF	INTACT	400,000
605-LCP-1B						430,000
605-LCP-1C						460,000
NO-LCP-1A	BEIGE	NORWALK OVERCROSSING	SUPERSTRUCTURE AND ABUTMENTS	5,000 SF	APROXIMATELY 1,000 SF PEELING (ABUTMENTS)	560
NO-LCP-1B						200
NO-LCP-1C						350
PO-LCP-1A	BEIGE	PICKERING OVERCROSSING	ABUTMENTS	8,000 SF	APROXIMATELY 1,500 SF PEELING (ABUTMENTS)	320
PO-LCP-1B						180
PO-LCP-1C						110
PO-LCP-2A	GRAY	PICKERING OVERCROSSING	SUPERSTRUCTURE	2,500 SF	INTACT	160,000
PO-LCP-2B						85,000
PO-LCP-2C						11,000
WO-LCP-1A	GRAY	WHITTIER OVERCROSSING	SUPERSTRUCTURE	10,000 SF	INTACT	220,000
WO-LCP-1B						130,000
WO-LCP-1C						150,000
WO-LCP-2A	BEIGE	WHITTIER OVERCROSSING	ABUTMENTS	8,000 SF	APROXIMATELY 1,000 SF PEELING (ABUTMENTS)	310
WO-LCP-2B						240
WO-LCP-2C						150

Notes: mg/kg = Milligrams per kilogram
SF = Square feet

August 23, 2001

Dave Watts
Geocon Environmental
2356 Research Drive
Livermore, CA 94550
TEL: (925) 371-5900
FAX (925) 371-5915

ELAP No: 1838

RE: GREENWAY TRAIL - A8050-06-01

Work Order No.: 052633

Attention: Dave Watts

Enclosed are the results for sample(s) received on August 20, 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 and a case narrative are an integral part of this analytical report.

Chain of Custody Form

Project No.: A8050-06-01 | Client Name: GEOCON | Analyze sample sets until positive: (PLM) (<1%) ☑ Yes ☐ No

Report Results to: D. WATTS | Office Location: LIVERMORE, CA | Analytical Fee (per sample): $ STD TAT | Date(s) Inspected: 8/15/2001

Consultant Ph. #: (925) 371-5900 | Consultants Fax #: (925) 371-5915 | Other Comments: ASBESTOS (PLM) PAINT (Pb-AA OR ICP)

Site Name: GREENWAY TRAIL | Building No.: UPRR BRIDGES | Site Address: WHITTIER, CA

DO NOT COMPOSITE SAMPLE SETS!

Material Code	Sample Number: Site No.	Bldg. No.	Material Link No.	Samples Collected: A	B	C	D	E	F	G	H	I	J	K	Not Sampled	Material Description
P		605	1	X	X	X										PIPE INSULATION (PLM) (605 BRIDGE)
M		NO	1	X	X	X										JOINT EXPANSION MAT'L (NORWALK OC)
M		WO	1	X	X	X										JOINT EXPANSION MAT'L (WHITTIER OC)
L		605	1	X	X	X										GRAY PAINT (Pb-AA/ICP) (605 BRIDGE)
L		NO	1	X	X	X										BEIGE PAINT (NORWALK OC)
L		PO	1	X	X	X										BEIGE PAINT (PICKERING OC)
L		PO	2	X	X	X										GRAY PAINT (PICKERING OC)
L		WO	1	X	X	X										GRAY PAINT (WHITTIER OC)
L		WO	2	X	X	X										BEIGE PAINT (WHITTIER OC)

Relinquished by: Print Name: D. WATTS | Signature: D. Watts | Date/Time: 8/17/2001 1700

Received by: Print Name: G SO | Signature: | Date/Time: 8/17/2001 1708

Relinquished by: Print Name: | Signature: | Date/Time:

Received by: Print Name: MIRZA | Signature: | Date/Time: 8/20/01

Wall/Ceiling/Other

- ACOU = Textured acoustical (sprayed) (S)
- BBM = Baseboard mastic (M)
- CM = Ceiling (unspecified type) (M)
- CS = Ceiling (unspecified type) (S)
- CP = Ceiling panel - Lay-in (M)
- CMAS = Ceiling mastic (M)
- CT = Ceiling tile - Splined or nailed (M)
- CTG = Ceiling tile - Glued (M)
- CWT = Ceramic wall tile grout & mastic(M)
- DEBM = Debris (unspecified) (M)
- DEBS = Debris (unspecified) (S)
- DEBT = Debris (unspecified) (TSI)
- DOOR = Door core insulation - Fire door (M)
- OFM = Other friable material (M)
- OFS = Other friable material (S)
- ONFM = Other nonfriable material (M)
- ONFS = Other nonfriable materials (S)
- PL = Plaster (wall or ceiling) (S)
- SHR = Sheetrock (no joint compound) (M)
- SHRJC = Sheetrock with joint compound (M)
- STUC = Stucco (S)
- FP = Structural fireproofing (S)
- TRAN = Transite panel (M)
- TX = Surface texturing on walls/ceiling (S)
- WM = Wall (unspecified type) (M)
- WS = Wall (unspecified type) (S)
- WT = Wall tile - Splined or nailed (M)
- WTG = Wall tile - Glued on (M)

Fitting/TSI

- FI = Fitting insulation (type not specified) (TSI)
- FICHW = Fitting - Chilled water system (TSI)
- FICON = Fitting - Condensate (TSI)
- FIDCW = Fitting - Domestic cold water (TSI)
- FIDHW = Fitting - Domestic hot water (TSI)
- FIHHW = Fitting - Heating hot water (TSI)
- FISTM = Fitting - Steam (TSI)
- DI = Duct insulation (TSI)
- DTAPE = HVAC - Duct joint tape/compound (M)
- DFLEX = HVAC - Flexible duct/flex duct joint (M)
- DFLUE = Mech. equipment - Flue insulation (TSI)
- MGSKT = Mech. equipment-Gasket (M)
- MTANK = Mech equipment-Tank insulation (TSI)
- PI = Pipe insulation (type not specified) (TSI)
- PICHW = Pipe insulation-Chilled water system (TSI)
- PICON = Pipe insulation-Condensate (TSI)
- PIDCW = Pipe insulation-Domestic cold water (TSI)
- PIDHW = Pipe insulation-Domestic hot water (TSI)
- PIHHW = Pipe insulation-Heating hot water (TSI)
- PISTM = Pipe insulation-Steam (TSI)
- PTRAN = Pipe-Transite (M)

Roofing

- RF = Roofing material (M)
- RFAG = Asphalt and gravel (M)
- RFAT = Asphalt roof tile (M)
- RFFLS = Flashing (M)
- RFFLT = Felt material (M)
- RFMAS = Penetration mastic (M)
- RFROL = Rolled sheet type (M)
- RTRAN = Transite shingle (M)

(M) = Miscellaneous material
(S) = Surfacing material
(TSI) = Thermal System Insulation

CLIENT: Geocon Environmental
Project: GREENWAY TRAIL - A8050-06-01
Lab Order: 052633

CASE NARRATIVE

Samples for Asbestos PLM were subcontracted to Scientific Laboratories of California, Inc.

The following is the list of corresponding Work Order/Client Sample ID's:

Work Order No.	Client Sample ID
052633-001A	605-1A
052633-002A	605-1B
052633-003A	605-1C
052633-004A	NO-1A
052633-005A	NO-1B
052633-006A	NO-1C
052633-007A	WO-1A
052633-008A	WO-1B
052633-009A	WO-1C

SCILAB
FULL SERVICE ENVIRONMENTAL LABORATORIES

SCIENTIFIC LABORATORIES OF CALIFORNIA, INC.
24416 SOUTH MAIN STREET • SUITE 308
CARSON, CA 90745
TEL: (310) 834-4868 • FAX: (310) 834-477

PLM Bulk Asbestos Report

Advanced Technology Laboratories
Attn: Rachel Arada
3275 Walnut Street
Signal Hill , CA 90807

Date Received 08/20/2001
Date Examined 08/22/2001

RE:

SciLab Job No. 901081651
P.O. # 21480

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
052633-001A/605-1A	901081651-01	*Yes*	20 %
1 **Location**			
Description: Black/Brown, Heterogeneous, Composite Analysis			
Asbestos Types Chrysotile 20. %			
Other Material: Cellulose 5. %, Non-fibrous 75. %			
052633-002A/605-1B	901081651-02		NA/PS
1 **Location**			
Description: Bulk Material			
Asbestos Types			
Other Material:			
052633-003A/605-1C	901081651-03		NA/PS
1 **Location**			
Description: Bulk Material			
Asbestos Types			
Other Material:			
052633-004A/NO-1A	901081651-04	*No*	NAD
2 **Location**			
Description: Brown, Homogeneous, Bulk Material			
Asbestos Types			
Other Material: Cellulose 40. %, Non-fibrous 60. %			
052633-005A/NO-1B	901081651-05	*No*	NAD
2 **Location**			
Description: Brown, Homogeneous, Bulk Material			
Asbestos Types			
Other Material: Cellulose 40 %, Non-fibrous 60 %			

SCILAB
FULL SERVICE ENVIRONMENTAL LABORATORIES

SCIENTIFIC LABORATORIES OF CALIFORNIA, INC.
24416 SOUTH MAIN STREET • SUITE 308
CARSON, CA 90745
TEL: (310) 834-4868 • FAX: (310) 834-477

PLM Bulk Asbestos Report

Advanced Technology Laboratories
Attn: Rachel Arada
3275 Walnut Street
Signal Hill , CA 90807

Date Received 08/20/2001
Date Examined 08/22/2001

RE:

SciLab Job No. 901081651
P.O. # 21480

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
052633-006A/NO-1C	901081651-06	*No*	NAD
2 Location			
Description: Brown, Homogeneous, Bulk Material			
Asbestos Types			
Other Material: Cellulose 40. %, Non-fibrous 60. %			
052633-007A/WO-1A	901081651-07	*No*	NAD
3 Location			
Description: Brown, Homogeneous, Bulk Material			
Asbestos Types			
Other Material: Cellulose 40. %, Non-fibrous 60. %			
052633-008A/WO-1B	901081651-08	*No*	NAD
3 Location			
Description: Brown, Homogeneous, Bulk Material			
Asbestos Types			
Other Material: Cellulose 40. %. Non-fibrous 60. %			
052633-009A/WO-1C	901081651-09	*No*	NAD
3 Location			
Description: Brown, Homogeneous, Bulk Material			
Asbestos Types			
Other Material: Cellulose 40. %, Non-fibrous 60. %			

SCILAB
FULL SERVICE ENVIRONMENTAL LABORATORIES

SCIENTIFIC LABORATORIES
OF CALIFORNIA, INC.
24416 SOUTH MAIN STREET • SUITE 308
CARSON, CA 90745
TEL: (310) 834-4868 • FAX: (310) 834-477

PLM Bulk Asbestos Report

Advanced Technology Laboratories
Attn: Rachel Arada
3275 Walnut Street
Signal Hill , CA 90807

Date Received 08/20/2001
Date Examined 08/22/2001

SciLab Job No. 901081651
P.O. # 21480

RE:

Reporting Notes:

Analyzed by: Kieuanh Pham Duong Kieu Duong ; Date Analyzed: 8/22/01

*NAD/NSD = no asbestos detected; NA = not analyzed; NA/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysi by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94) National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By:_____

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

SUB CHAIN-OF-CUSTODY RECORD

901081651

Subcontractor:
Scientific
24416 S. Main St.
Carson, CA 90308

TEL: (310) 834-4868
FAX: (310) 834-4772

Acct #:

QClevel: CT-TR1

20-Aug-01

Sample ID	Matrix	Collection Date	Bottle Type	Requested Tests: SM 100.1				
052633-001A \ 605-1A	Solid	08/15/2001	ZIPLOCK	1				
052633-002A \ 605-1B	Solid	08/15/2001	ZIPLOCK	1				
052633-003A \ 605-1C	Solid	08/15/2001	ZIPLOCK	1				
052633-004A \ NO-1A	Solid	08/15/2001	ZIPLOCK	1				
052633-005A \ NO-1B	Solid	08/15/2001	ZIPLOCK	1				
052633-006A \ NO-1C	Solid	08/15/2001	ZIPLOCK	1				
052633-007A \ WO-1A	Solid	08/15/2001	ZIPLOCK	1				
052633-008A \ WO-1B	Solid	08/15/2001	ZIPLOCK	1				
052633-009A \ WO-1C	Solid	08/15/2001	ZIPLOCK	1				

Comments: Please use PO#: 21480. Please fax results by: 08/24/01.
analyze until greater than one percent positive and hold the rest of the sample

	Date/Time		Date/Time
Relinquished by: [signature]	8/20/01	**Received by:** [signature]	8/20/01 15:15
Relinquished by:		**Received by:**	

Advanced Technology Laboratories

Print Date: *23-Aug-01*

CLIENT:	Geocon Environmental	Test No:	EPA 6010B
Lab Order:	052633	Units:	mg/Kg
Project:	GREENWAY TRAIL - A8050-06-01	Analyst:	RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
052633-010A	605-1A	Paint Chip	8/15/01	5470	400000	1400		276.3	8/22/01
052633-011A	605-1B	Paint Chip	8/15/01	5470	430000	1000		205.3	8/22/01
052633-012A	605-1C	Paint Chip	8/15/01	5470	460000	960		191.8	8/22/01
052633-013A	NO-1A	Paint Chip	8/15/01	5470	560	7.2		1.446	8/22/01
052633-014A	NO-1B	Paint Chip	8/15/01	5470	200	5.4		1.09	8/22/01
052633-015A	NO-1C	Paint Chip	8/15/01	5470	350	10		2.016	8/22/01
052633-016A	PO-1A	Paint Chip	8/15/01	5470	320	14		2.828	8/22/01
052633-017A	PO-1B	Paint Chip	8/15/01	5470	180	13		2.554	8/22/01
052633-018A	PO-1C	Paint Chip	8/15/01	5470	110	10		1.999	8/22/01
052633-019A	PO-2A	Paint Chip	8/15/01	5470	160000	3100		628.5	8/22/01
052633-020A	PO-2B	Paint Chip	8/15/01	5471	85000	2600		529.1	8/22/01
052633-021A	PO-2C	Paint Chip	8/15/01	5471	11000	340		68.03	8/22/01

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: *23-Aug-01*

CLIENT:	Geocon Environmental	Test No:	EPA 6010B
Lab Order:	052633	Units:	mg/Kg
Project:	GREENWAY TRAIL - A8050-06-01	Analyst:	RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
052633-022A	WO-1A	Paint Chip	8/15/01	5471	220000	1200		248.1	8/22/01
052633-023A	WO-1B	Paint Chip	8/15/01	5471	130000	1400		279.3	8/22/01
052633-024A	WO-1C	Paint Chip	8/15/01	5471	150000	1600		317.5	8/22/01
052633-025A	WO-2A	Paint Chip	8/15/01	5471	310	10		2.028	8/22/01
052633-026A	WO-2B	Paint Chip	8/15/01	5471	240	21		4.132	8/22/01
052633-027A	WO-2C	Paint Chip	8/15/01	5471	150	14		2.786	8/22/01

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 [illegible]

Advanced Technology Laboratories

Date: *23-Aug-01*

CLIENT: Geocon Environmental
Work Order: 052633
Project: GREENWAY TRAIL - A8050-06-01

QC SUMMARY REPORT
Method Blank

Sample ID **MB-5470** Batch ID: **5470** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **8/22/01** Prep Date: **8/20/01**
Matrix SeqNo: **175388**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0		0				0			

Sample ID **MB-5471** Batch ID: **5471** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **8/22/01** Prep Date: **8/20/01**
Matrix SeqNo: **175402**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	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.

Advanced Technology Laboratories

Date: *23-Aug-01*

CLIENT: Geocon Environmental
Work Order: 052633
Project: GREENWAY TRAIL - A8050-06-01

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID 052633-014AMS **Batch ID:** 5470 **Test Name** LEAD BY ICP **Units** mg/Kg **Analysis Date:** 8/22/01 **Prep Date:** 8/20/01
MB ID **SeqNo:** 175395

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	280	5.6	280.2	200	27	47	128	0			S

Sample ID 052633-014AMS **Batch ID:** 5470 **Test Name** LEAD BY ICP **Units** mg/Kg **Analysis Date:** 8/22/01 **Prep Date:** 8/20/01
MB ID **SeqNo:** 175396

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	210	5.0	252.4	200	2	47	128	280	27	20	SR

Sample ID 052633-027AMS **Batch ID:** 5471 **Test Name** LEAD BY ICP **Units** mg/Kg **Analysis Date:** 8/22/01 **Prep Date:** 8/20/01
MB ID **SeqNo:** 175408

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	570	12	581.4	150	73	47	128	0			

Sample ID 052633-027AMS **Batch ID:** 5471 **Test Name** LEAD BY ICP **Units** mg/Kg **Analysis Date:** 8/22/01 **Prep Date:** 8/20/01
MB ID **SeqNo:** 175409

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	610	12	608.3	150	75	47	128	570	6	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
3275 Walnut Avenue Signal Hill, CA 90755 (562) 989-4045 Fax (562) 989-4040

Advanced Technology Laboratories

Date: *23-Aug-01*

CLIENT: Geocon Environmental
Work Order: 052633
Project: GREENWAY TRAIL - A8050-06-01

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID LCS-5470 **Batch ID:** 5470 **Test Name** LEAD BY ICP **Units** mg/Kg **Analysis Date:** 8/22/01 **Prep Date:** 8/20/01

LCS SeqNo: 175389

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	250	5.0	250	0.5	99	80	120	0			

Sample ID LCS-5471 **Batch ID:** 5471 **Test Name** LEAD BY ICP **Units** mg/Kg **Analysis Date:** 8/22/01 **Prep Date:** 8/20/01

LCS SeqNo: 175403

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	230	5.0	250	0	90	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.

APPENDIX C

August 31, 2001

RECEIVED
SEP 17 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 and a case narrative are an integral part of this analytical report.

FAX

Date August 27, 2001

Number of pages including cover sheet 10

TO:
Diane
Advanced Technology Laboratories

Phone 562.989.4045
Fax 562.989.4040

FROM:
John E. Juhrend, PE, CEG
Principal
Geocon Consultants, Inc.
11375 Sunrise Park Dr., Suite 100
Rancho Cordova, CA 95742

E-Mail juhrend@geoconinc.com
Phone 916.852.9118
Fax 916.852.9132

CC:

REMARKS: ☒ Urgent ☐ For your review ☒ Reply ASAP ☐ Please Comment

Attached laboratory assignments for Greenway Trail. Please contract me to discuss. Thanks,

John

CHAIN OF CUSTODY RECORD

Pg ___ 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: ____
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: ____ Project #: ____ Sampler: (Printed Name) ____ (Signature) ____

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: ____

Relinquished by: (Signature and Printed Name) ____ Date: ____ Time: ____ Received by: (Signature and Printed Name) ____ Date: ____ Time: ____

I hereby authorize ATL to perform the work indicated below.
Project Mgr /Submitter:
Print Name ____ Date ____
Signature ____

Send Report To:
Attn: ____
Co: ____
Address ____
City ____ State ____ Zip ____

Bill To:
Attn: ____
Co: ____
Address ____
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

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D.	Date	Time	TAT	Container(s) #	Container(s) Type	PRESERVATION
1								
2								
3								
4								
5		T2-1						
6		T2-2						
7		T2-1						
8		T3-1						
9		T3-2						
10		T3 TILE						

QA/QC: RTHE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☐ OTHER ____

REMARKS

* 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.

Sent By: GEOCON CONSULTANTS; 1916 852 9132; Aug-27-01 9:39; Page 2/10

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
Attn: John Tuhrand
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 #: AEC50-06-03 Sampler: (Printed Name) John Tuhrand (Signature)

Relinquished by: (Signature and Printed Name) [illegible] 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) [illegible] Date: [illegible] Time: [illegible]
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

Hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: John Tuhrand
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 — CIRCLE APPROPRIATE MATRIX

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D.	Date	Time	8081 / 8082 (Pesticides/PCB-GC)	8260 (Volatiles-GC/MS)	826 / 8270 (BNA-GC/MS)	Metals-Total (CAC-8010 / 7000)	8015M TPH/G/BTEX (COMBINATION)	8015M TPH/D (Diesel-GC)	TITLE 22 METALS LEAD	HERBICIDES BASIC	SOLID • SOIL • SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR	WIPE • FILTER	OTHER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
11		[illegible]	8/23	[illegible]							X		X						X		1	[illegible]		
12		SD [illegible]		[illegible]							X		X								1	[illegible]		
13		[illegible]		[illegible]	X							X									1	[illegible]		
14		[illegible]		[illegible]						X											1	[illegible]		
15		[illegible]		[illegible]						X											1	[illegible]		
16		[illegible]		[illegible]						X											1	[illegible]		
17		[illegible]		[illegible]	X							X									1	[illegible]		
18		[illegible]									X										1	[illegible]		
19		[illegible]		[illegible]							X										1	[illegible]		
20		[illegible]		[illegible]						X											1	[illegible]		

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

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 ___ 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: [illegible]
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: [illegible] Project #: [illegible] Sampler: (Printed Name) [illegible] (Signature)

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:
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: [illegible]
Print Name Date
Signature

Send Report To:
Attn: _____
Co: _____
Address _____
City _____ State ____ Zip ____

Bill To:
Attn: _____
Co: _____
Address _____
City _____ State ____ Zip ____

Special Instructions/Comments: [illegible]

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); Methane-Total (GC/FID 3810 / 7000); 8015M TPH/GBTEX (COMBINATION); 8015M TPH/D (Diesel-GC); [illegible]

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D.	Date	Time	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
21		[illegible]							
22		[illegible]							
23		[illegible]							
24		[illegible]							
25		[illegible]							
26		[illegible]							
27		[illegible]							
28		[illegible]							
29		[illegible]							
30		[illegible]							

QA/QC: RWQCB ☐ WIP ☐ NAVY ☐ CT ☐ OTHER _____

* TAT starts 8 a.m. following day if sample 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.

Sent By: GEOCON CONSULTANTS; 1916 852 9132; Aug-27-01 9:40; Page 4/10

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
Attn:
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: Project #: Sampler: (Printed Name) (Signature)

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:

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below
Project Mgr /Submitter:
Print Name Date
Signature

Send Report To:
Attn:
Co:
Address
City State Zip

Bill To:
Attn:
Co:
Address
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: 8081 / 8082 (Pesticides/PCB/GC) | 8260 (Volatiles-GC/MS) | 625 / 8270 (BNA-GC/MS) | Metals-Total (CAC-6010 / 7000) | 8015M TPH/BTEX (COMBINATION) | 8015M TPH/D (Diesel-GC) | TPH 418.1 | TPH 8015M

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE | OIL • SOLVENT • LIQUID | WATER • WASTEWATER | DRINKING WATER | AIR | WIPE • FILTER | OTHER | TAT

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D.	Date	Time	Container(s): #	Type	PRESERVATION	REMARKS
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☐ OTHER

* TAT starts 6 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.

Sent By: GEOCON CONSULTANTS; 1916 852 9132; Aug-27-01 9:41; Page 5/10

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
Attn: [illegible]
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: [illegible] Project #: [illegible] Sampler: (Printed Name) (Signature)

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:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Print Name Date
Signature

Send Report To:
Attn:
Co:
Address
City State Zip

Bill To:
Attn:
Co:
Address
City State Zip

Special Instructions/Comments:
[illegible]

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

CIRCLE APPROPRIATE MATRIX

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☐ OTHER

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D.	Date	Time	8081 / 8082 (Pesticides/PCB-GC)	8260 (Volatiles-GC/MS)	825 / 8270 (BNA-GC/MS)	Metals-Total (CAC-6010 / 7000)	8015M TPH/G/BTEX (COMBINATION)	8015M TPH/D (Diesel-GC)	Title 22 metals	Hexavalent Cr	TPH	SOLID • SOIL • SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR	WIPE • FILTER	OTHER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
41		[illegible]	[illegible]	1045	X							X		X						X	L	1	Tm		
42		TM-2		1700					X				X									1	Tm		
43		TM-3		1730							X											1	[illegible]		
44		TM-1		1235							X											1	[illegible]		
45		TM-2		1240							X											1	[illegible]		
46		[illegible]		[illegible]	X							X										1	[illegible]		
47		[illegible]-2		[illegible]					X				X										[illegible]		
48		TM-1		1700	X							X										1	Tm		
49		[illegible]		[illegible]							X											2	[illegible]		
50		TM-1		[illegible]							X											1	[illegible]		

* 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 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
Attn: [illegible]
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: [illegible] Project #: [illegible] Sampler: (Printed Name) [illegible] (Signature)

Relinquished by: (Signature and Printed Name) [illegible] Date: Time: Received by: (Signature and Printed Name) [illegible] Date: [illegible] Time: [illegible]
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:

I hereby authorize ATL to perform the work indicated below
Project Mgr /Submitter: [illegible]
Print Name Date
Signature

Send Report To:
Attn:
Co:
Address
City State Zip

Bill To:
Attn:
Co:
Address
City State Zip

Special Instructions/Comments: [illegible]

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

CIRCLE APPROPRIATE MATRIX

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☐ OTHER

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: 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)	TPH 22 metals	TPHd / TPHmo	[illegible]	SOLID • SOIL • SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR	WIPE • FILTER	OTHER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
01		T-3-2	[illegible]	[illegible]							X			X							E	1	[illegible]	[illegible]	
02		T-6-[illegible]		[illegible]							X											1	[illegible]		
03		T-6-1		[illegible]							X											1	[illegible]		
04		T-6-2		[illegible]							X											1	[illegible]		
05		TA-15	[illegible]	[illegible]	X							X										1	T M		
06		T15-1		1720		X						X										1	T M		
07		T19-5		1750							X											1	[illegible]		
08		T19-1		[illegible]							X											1	[illegible]		
09		T19-2		1800							X											1	[illegible]		
10		T20-2		[illegible]		X			X			X										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: [illegible]
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: [illegible] Project #: A8050-06-03 Sampler: (Printed Name) [illegible] (Signature)

Relinquished by: (Signature and Printed Name) [illegible] Date: Time: Received by: (Signature and Printed Name) [illegible] Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) [illegible] Date: [illegible] Time: [illegible]
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

Hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: [illegible]
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 [illegible] Analysis

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

CIRCLE APPROPRIATE MATRIX

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☐ OTHER _____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D.	Date	Time	8081 / 8082 (Pesticides/PCB-GC)	8260 (Volatiles-GC/MS)	8270 (BNA-GC/MS)	Metals-Total (CAC-5010 / 7000)	8015M TPH/G/BTEX (COMBINATION)	8015M TPH/D (Diesel-GC)	TITLE 22 [illegible]	LEAD	TRAP [illegible]	SOLID • SOIL • SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR	WIPE • FILTER	OTHER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
01		721-1	[illegible]	[illegible]		X								X							L	1	[illegible]		
02		722-2		[illegible]								X										1	[illegible]		
03		723-1		[illegible]								X										1	[illegible]		
04		724-[illegible]		[illegible]							X											1	[illegible]		
05		724-1		[illegible]							X											1	[illegible]		
06		724-2		[illegible]							X											1	[illegible]		
07		[illegible]		[illegible]								X										1	[illegible]		
08		[illegible]		[illegible]								X										1	[illegible]		
09		[illegible]		[illegible]							X											1	[illegible]		
10		[illegible]		[illegible]							X											1	[illegible]		

* TAT starts 6 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 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☐	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
TEL: (916) 852-9118
Attn:
City Rancho Cordova State CA Zip Code 95742
FAX: (916) 852-9132

Project Name: Project #: Sampler: (Printed Name) (Signature)

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:

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Print Name Date
Signature

Send Report To:
Attn:
Co:
Address
City State Zip

Bill To:
Attn:
Co:
Address
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

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

PRESERVATION

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☐ OTHER

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D.	Date	Time	TAT	Container(s) #	Container(s) Type	REMARKS
11								
12								
13								
14								
15		227-1		1130			TM	
16		225-5		1210				
17		228-1		1215				
18		228-2		1220			SP	
19		227-1		1250			TM	
20		"		1330				

* 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.

Sent By: GEOCON CONSULTANTS; 1916 852 9132; Aug-27-01 9:43; Page 9/10

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
Attn: John Johnson
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: Greening Trail Project #: A9[illegible]-[illegible]-03 Sampler: (Printed Name) John Johnson (Signature)

Relinquished by: (Signature and Printed Name) [illegible] Date: Time: Received by: (Signature and Printed Name) [illegible] Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) [illegible] Date: [illegible] Time: [illegible]
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: John Johnson
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

CIRCLE APPROPRIATE MATRIX

QA/QC: RTNE ☑ RWQCB ☐ WIP ☐ NAVY ☐ CT ☐ OTHER

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description 2001 Sample I.D.	Date	Time	8061 / 8082 (Pesticides/PCB-GC)	8260 (Volatiles-GC/MS)	825 / 8270 (BNA-GC/MS)	Metals-Total (CAC-6010 / 7000)	8015M TPH/G/STEX (COMBINATION)	8015M TPH/D (Diesel-GC)	TDS 22 METALS	SOLID • SOIL • SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR	WIPE • FILTER	OTHER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
81		730-1	8/[illegible]	1335							X	X							L	1	BP		
82		730-2		1340							X									1	BP		
83		731-[illegible]		1315							X									1	BP		
84		731-1		1350							X									1	BP		
85		731-2		1355							X									1	BP		
86		731-SLAG		[illegible]							X									1	BP		

* TAT starts 6 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.

FAX

Date September 4, 2001

Number of pages including cover sheet 1

TO:
Diane
Advanced Technology Laboratories

Phone 562.989.4045
Fax 562.989.4040

FROM:
John E. Juhrend, PE, CEG
Principal
Geocon Consultants, Inc.
11375 Sunrise Park Dr., Suite 100
Rancho Cordova, CA 95742

E-Mail juhrend@geoconinc.com
Phone 916.852.9118
Fax 916.852.9132

CC:

REMARKS: ☒ *Urgent* ☐ *For your review* ☒ *Reply ASAP* ☐ *Please Comment*

Diane - Greenway A8050-06-03 ATL 052729 - Please run WET and DI-WET soluble testing on the following:

002A T1-1 As
003A T1-2 As
008A T3-1 As
012A SD BOX #1 SOIL Pb
015A T4-1 As
016A T4-2 As
018A S3-0 Pb
020A T5-.5 Va
022A T5-2 As
025A T6-1 As
030A RET WALL #1 SOIL Pb
031A T7-.5 Cu and Pb
036A T8-STK Ba (please also run Chromium VI total)
037A T8-5.5 Pb
038A T8-7 Pb
043A T12-.5 Cu and Pb
049A T15-.5 As and Pb
052A T16-.5 Va (please also run Chromium VI total)
057A T19-.5 Pb
064A T24-.5 As, Cu and Pb
067A S9-0 Pb
068A S10-0 Pb
072A T26-.5 Va
080A T30-.5 As
083A T31-.5 Cu and Pb
086A T31-SLAG Cu

Pease call with any questions and thanks for the prompt results. I'm assuming that you forward the 8151A data upon receipt. John

Diane

From: John Juhrend [juhrend@geoconinc.com]
Sent: Friday, September 07, 2001 3:05 PM
To: Diane
Cc: Kevin Brown
Subject: RE: Greenway Trail

Diane -

Please verify presence of creosote. Thanks,

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
Attn: [illegible]
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) [illegible] (Signature) [illegible]

Relinquished by: (Signature and Printed Name) [illegible] 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) [illegible] Date: 8/24/01 Time: 14:00
Relinquished by: (Signature and Printed Name) JA Date: 8/24/01 Time:
Received by: (Signature and Printed Name) [illegible] Date: 8/24/01 Time: 5:30 pm

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: [illegible] 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: [illegible]

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 TPH/D (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: Sample I.D.	Date (2001)	Time	SOLID • SOIL • SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR	WIPE • FILTER	OTHER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	52729-001	T1-.5	8/23/01	0740	X							E	1	BP	C	
	52729-002	T1-1		0750									1	BP		
	52729-003	T1-2		0750									1	BP		
	-004	T2-.5		0800									1	TM		
	-005	T2-1		0800									1	BP		
	-006	T2-2		1810									1	BP		
	-007	T3-.5		0850									1	BP		
	-008	T3-1		0850									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=$Na_2S_2O_3$

[redacted] FOR LAB ASSIGNMENTS & PROCEDURES [redacted] CHAIN OF CUSTODY RECORD [redacted] Pg 2 of [redacted]

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

P.O.#: [signature]
Logged By: _____ Date: _____ Time: _____

FOR LABORATORY USE ONLY:

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 Tuhrend
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 Tuhrend (Signature)

Relinquished by: (Signature and Printed Name) [signature] Date: Time: Received by: (Signature and Printed Name) [signature] Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) [signature] Date: 8/24/01 Time: 19:00
Relinquished by: (Signature and Printed Name) JA Date: 8/24/01 Time: Received by: (Signature and Printed Name) [signature] Date: 8/24/01 Time: 5:30pm

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: John Tuhrend
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 TPH/D (Diesel-GC)

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE | OIL • SOLVENT • LIQUID | WATER • WASTEWATER | DRINKING WATER | AIR | WIPE • FILTER | OTHER [illegible]

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	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	52729-011	SD Bx #1	8/23	0720	X						X	1	1	BP		
	-012	SD Bx #1 Soil		0735									1	BP		
	-013	S2-.5		0735									1	TP		
	-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=$Na_2S_2O_3$

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 Schrend
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 #: A6050.06-03 Sampler: (Printed Name) John Schrend (Signature)

Relinquished by: (Signature and Printed Name) John Schrend Date: Time: Received by: (Signature and Printed Name) Golden State Overnight Date: 8/25/01 Time: 1400

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

Relinquished by: (Signature and Printed Name) JS Date 8/24/01 Time: Received by: (Signature and Printed Name) Date: 8/24/01 Time: 6:30pm

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
John Schrend
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 TPH/D (Diesel-GC)

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE · OIL • SOLVENT • LIQUID · WATER • WASTEWATER · DRINKING WATER · AIR · WIPE • FILTER · OTHER

PRESERVATION

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☐ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: 2001 / Sample I.D.	Date	Time	TAT	Container(s) #	Container(s) Type	REMARKS
	-021	TS-1	8/23	1125				
	-022	TS-2		1130				
	-023	TS-3		1145				
	-024	TS-5		1200				
	-025	TS-7		1205				
	-026	TS-9		1210				
	-027	SS-3		1220				
	-028	SS-5		1245				
	-029	RET WALL #1		1315				
	-030	RET WALL #1 SOIL		1350				

* 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) O=NaOH T=$Na_2S_2O_3$

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☐ 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 Schwend
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 Schwend (Signature)

Relinquished by: (Signature and Printed Name) John Schwend Date: Time: Received by: (Signature and Printed Name) Federal Express Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: 8/24/01 Time: 14:00
Relinquished by: (Signature and Printed Name) JTK Date 8/24/01 Time: Received by: (Signature and Printed Name) Date: 8/24/01 Time: 530

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: John Schwend
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

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description / Sample I.D.	Date	Time	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	-031	TP-.5	8/23	1355	E	1		C	
	-032	TP-1		1400		1		C	
	-033	TP-2		1405		1		C	
	-034	TP-DUP		1410		1		C	
	-035	TP-1		1420		1		C	
	-036	TP-SAT		1430		1		C	
	-037	TP-5.5		1435		1		C	
	-038	TP-7		1500		1		C	
	-039	TP-1		1530		1		C	
	-040	TP-1		1440		1		C	

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

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 5 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) [signature] Julie A. Esquivel 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) [signature] ATL Date: 8/24/01 Time: 1410

Relinquished by: (Signature and Printed Name) JA Date: 8/24/01 Time: Received by: (Signature and Printed Name) [signature] Date: 8/24/01 Time: 530 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/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

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	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	-041	858-0	8/23	1645	X							E	1	T/M		
	-042	T11-2		1700									1	T/M		
	-043	T12-.5		1730									1	B/P		
	-044	T12-1		1735									1	B/P		
	-045	T12-2		1740									1	B/P		
	-046	57-0		1800									1	T/M		
	-047	T13-2		1825									1	T/M		
	-048	T14-1		1900									1	T/M		
	-049	T15-.5		1905									2	B/P		[illegible]
	-050	T15-1		1910									1	B/P		

• 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) O=NaOH T=Na[illegible]

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☑
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 Johrend
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 #: A6050-06-03 Sampler: (Printed Name) John Johrend (Signature)

Relinquished by: (Signature and Printed Name) [signature] Julio A Esquivel 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) [signature] Date: 8/24/01 Time: 5:30

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: John Johrend
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 TPH/D (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 TPH/D (Diesel-GC)	SOLID • SOIL • SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR	WIPE • FILTER	OTHER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	-051	T15-2	8/25	1915							X							E	1	BP		
	-052	T16-.5		1920															1	BP		
	-053	T16-1		1925															1	BP		
	-054	T16-2		1930															1	BP		
	-055	T17-1.5	8/24	0900															1	TM		
	-056	T18-1		0730															1	TM		
	-057	T19-.5		0750															1	BP		
	-058	T19-1		0755															1	BP		
	-059	T19-2		0800															1	BP		
	-060	T20-2		0810															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=$Na_2S_2O_3$

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 Tohrend
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 #: AE050-06-03 Sampler: (Printed Name) John Tohrend (Signature)

Relinquished by: (Signature and Printed Name) John Tohrend Date: Time: Received by: (Signature and Printed Name) Jason State Overnight Date: Time:

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: 8/24/01 Time: 19:00

Relinquished by: (Signature and Printed Name) JA Date 8/24/01 Time: Received by: (Signature and Printed Name) Date: 8/24/01 Time: 5:30 pm

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: John Tohrend
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.

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 TPH/D (Diesel-GC)	SOLID • SOIL • SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR	WIPE • FILTER	OTHER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	-061	121-1	8/23	0820							X							E	1	V		
	-062	122-1		0830															1	V		
	-063	123-1		0840															1	V		
	-064	124-.5		0915															1	P		
	-065	124-1		0920															1	P		
	-066	124-2		0925															1	P		
	-067	59-0		1000															1	P		
	-068	510-0		1010															1	P		
	-069	125-.5		1030															1	P		
	-070	125-1		1035															1	P		

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

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=$Na_2S_2O_3$

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☐ 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 Schwend
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: Overnight Trail Project #: A8C50-06-03 Sampler: (Printed Name) John Schwend (Signature)

Relinquished by: (Signature and Printed Name) John Schwend 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: 14:00

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 Schwend
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.

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
	-071	225-2	8/23	1040							X							E	1	AG		
	-072	125-.5		1130															1	AG		
	-073	126-1		1105															1	BP		
	-074	126-2		1110															1	AG		
	-075	127-1		1130															1	VA		
	-076	128-.5		1210															1	AG		
	-077	128-1		1145															1	BP		
	-078	128-2		1220															1	AG		
	-079	129-1		1250															1	VA		
	-080	130-.5		1330															1	AG		

CIRCLE APPROPRIATE MATRIX

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

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=$Na_2S_2O_3$

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
Attn: John Tuhrend
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 #: 8050-06-03 Sampler: (Printed Name) John Tuhrend (Signature)

Relinquished by: (Signature and Printed Name) Julie A. Espinel 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: 8/27/01 Time: 7:00

Relinquished by: (Signature and Printed Name) JA 8/24/01 Date: Time: Received by: (Signature and Printed Name) Date: 8/24/01 Time: 530pm

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
John Tuhrend
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

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description / Sample I.D.	Date	Time	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	-081	T30-1	8/23	1335	E	1	B P	C	
	-082	T30-2		1340		1	B P		
	-083	T31-.5		1345		1	B P		
	-084	T31-1		1350		1	B P		
	-085	T31-2		1355		1	B P		
	-086	T31-SLAG		1400		1	B P		
	~~-087~~								
	~~-088~~								
	~~-089~~								
	~~-090~~								

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

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) O=NaOH T=Na$_2$S$_2$O$_3$

Advanced Technology Laboratories **Date:** *10-Sep-01*

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

CASE NARRATIVE

Samples for Herbicides (8151A) were subcontracted to D-Tek Laboratory with DOHS Cert. #2344.

Sample 052729-010A was diluted for Method 8270, due to matrix interference.

Samples 052729-041A, 052729-046A and 052729-075A were diluted for Method 8081/8082, due to matrix interference.

Samples 052729-010A, 052729-034A, 052729-036A, 052729-037A, 052729-038A, 052729-039A, 052729-040A, 052729-042A, 052729-047A, 052729-056A, 052729-060A, 052729-062A, 052729-063A and 052729-079A contain hydrocarbons within the Motor Oil range. Quantitation is based on a Motor Oil standard.

For Creosote, Table 1 of Title 22 (Environmental Health Standards Hazardous Waste) footnote 1 states: Analyze for phenantherene and carbazole; if these are present in a ratio between 1.4:1 and 5:1 creosote shall be deemed present. Phenantherene and carbazole are not present at the stated limit for sample 052729-010A.

Advanced Technology Laboratories

Print Date: *8/31/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T1-.5
Lab Order:	052729		
Project:	Greenway Trail - A8050-06-03	**Collection Date:**	8/23/01
Lab ID:	052729-001A	**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	34	0.25		mg/Kg	1.0	8/28/01
Barium	140	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	30	0.15		mg/Kg	1.0	8/28/01
Cobalt	5.5	0.15		mg/Kg	1.0	8/28/01
Copper	46	0.15		mg/Kg	1.0	8/28/01
Lead	48	0.25		mg/Kg	1.0	8/28/01
Molybdenum	1.5	0.25		mg/Kg	1.0	8/28/01
Nickel	14	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	38	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	0.10	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
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:**	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				**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	210	0.25		mg/Kg	1.0	8/28/01
Barium	38	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	7.5	0.15		mg/Kg	1.0	8/28/01
Cobalt	3.5	0.15		mg/Kg	1.0	8/28/01
Copper	22	0.15		mg/Kg	1.0	8/28/01
Lead	44	0.25		mg/Kg	1.0	8/28/01
Molybdenum	0.25	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	15	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

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 2575 Vista Way Oceanside, CA 92054 Tel 760 804-3283 Fax 760 804-3285

Advanced Technology Laboratories

Print Date: *8/31/01*

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			**EPA 6010B**			
RunID: **ICP2_010828B** BatchID: **5555**				PrepDate: **8/28/01**		Analyst: **RQ**
Antimony	0.42	0.25		mg/Kg	1.0	8/28/01
Arsenic	93	0.25		mg/Kg	1.0	8/28/01
Barium	71	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	11	0.15		mg/Kg	1.0	8/28/01
Cobalt	6.4	0.15		mg/Kg	1.0	8/28/01
Copper	30	0.15		mg/Kg	1.0	8/28/01
Lead	28	0.25		mg/Kg	1.0	8/28/01
Molybdenum	0.39	0.25		mg/Kg	1.0	8/28/01
Nickel	10	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	1.2	0.25		mg/Kg	1.0	8/28/01
Vanadium	23	0.15		mg/Kg	1.0	8/28/01
Zinc	230	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:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

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

Initials: _____

Advanced Technology Laboratories
3275 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: T2-.5
Lab Order: 052729
Project: Greenway Trail - A8050-06-03
Collection Date: 8/23/01
Lab ID: 052729-004A
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	0.49	0.25		mg/Kg	1.0	8/28/01
Arsenic	12	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	22	0.15		mg/Kg	1.0	8/28/01
Cobalt	9.5	0.15		mg/Kg	1.0	8/28/01
Copper	22	0.15		mg/Kg	1.0	8/28/01
Lead	5.0	0.25		mg/Kg	1.0	8/28/01
Molybdenum	0.48	0.25		mg/Kg	1.0	8/28/01
Nickel	18	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	41	0.15		mg/Kg	1.0	8/28/01
Zinc	52	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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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 [illegible] Tel 562 [illegible] Fax 562 [illegible]

Advanced Technology Laboratories

Print Date: *8/31/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T2-.5
Lab Order:	052729		
Project:	Greenway Trail - A8050-06-03	**Collection Date:**	8/23/01
Lab ID:	052729-004A	**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:**	T2-1
Lab Order:	052729		
Project:	Greenway Trail - A8050-06-03	**Collection Date:**	8/23/01
Lab ID:	052729-005A	**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	11	0.25		mg/Kg	1.0	8/28/01
Barium	130	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	20	0.15		mg/Kg	1.0	8/28/01
Cobalt	11	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	19	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	37	0.15		mg/Kg	1.0	8/28/01
Zinc	48	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:

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:**	T2-2
Lab Order:	052729		
Project:	Greenway Trail - A8050-06-03	**Collection Date:**	8/23/01
Lab ID:	052729-006A	**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	17	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	20	0.15		mg/Kg	1.0	8/28/01
Cobalt	9.0	0.15		mg/Kg	1.0	8/28/01
Copper	28	0.15		mg/Kg	1.0	8/28/01
Lead	14	0.25		mg/Kg	1.0	8/28/01
Molybdenum	0.50	0.25		mg/Kg	1.0	8/28/01
Nickel	18	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	38	0.15		mg/Kg	1.0	8/28/01
Zinc	100	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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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:**	T3-.5
Lab Order:	052729		
Project:	Greenway Trail - A8050-06-03	**Collection Date:**	8/23/01
Lab ID:	052729-007A	**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	8.0	0.25		mg/Kg	1.0	8/28/01
Barium	130	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	10	0.15		mg/Kg	1.0	8/28/01
Cobalt	3.0	0.15		mg/Kg	1.0	8/28/01
Copper	14	0.15		mg/Kg	1.0	8/28/01
Lead	18	0.25		mg/Kg	1.0	8/28/01
Molybdenum	0.33	0.25		mg/Kg	1.0	8/28/01
Nickel	5.5	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	0.50	0.25		mg/Kg	1.0	8/28/01
Vanadium	30	0.15		mg/Kg	1.0	8/28/01
Zinc	45	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:**	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			**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	120	0.25		mg/Kg	1.0	8/28/01
Barium	130	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	10	0.15		mg/Kg	1.0	8/28/01
Copper	18	0.15		mg/Kg	1.0	8/28/01
Lead	3.5	0.25		mg/Kg	1.0	8/28/01
Molybdenum	0.39	0.25		mg/Kg	1.0	8/28/01
Nickel	14	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	36	0.15		mg/Kg	1.0	8/28/01
Zinc	48	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:**	T3-2
Lab Order:	052729		
Project:	Greenway Trail - A8050-06-03	**Collection Date:**	8/23/01
Lab ID:	052729-009A	**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	18	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	27	0.15		mg/Kg	1.0	8/28/01
Cobalt	14	0.15		mg/Kg	1.0	8/28/01
Copper	22	0.15		mg/Kg	1.0	8/28/01
Lead	4.5	0.25		mg/Kg	1.0	8/28/01
Molybdenum	0.42	0.25		mg/Kg	1.0	8/28/01
Nickel	19	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	53	0.15		mg/Kg	1.0	8/28/01
Zinc	57	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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DO - Surrogate Diluted Out

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Initials:_____

Advanced Technology Laboratories

Print Date: *9/10/01*

CLIENT: Geocon Environmental
Client Sample ID: T3-TIE G
Lab Order: 052729
Project: Greenway Trail - A8050-06-03
Collection Date: 8/23/01
Lab ID: 052729-010A
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	20		mg/Kg	20	8/29/01
Motor Oil	1600	20		mg/Kg	20	8/29/01
SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS				**EPA 8270C**		
RunID: **MS7_010827B** BatchID: **5550**				PrepDate: **8/27/01**		Analyst: **JK**
1,2,4-Trichlorobenzene	ND	33000		µg/Kg	100	8/28/01
1,2-Dichlorobenzene	ND	33000		µg/Kg	100	8/28/01
1,3-Dichlorobenzene	ND	33000		µg/Kg	100	8/28/01
1,4-Dichlorobenzene	ND	33000		µg/Kg	100	8/28/01
2,4,5-Trichlorophenol	ND	33000		µg/Kg	100	8/28/01
2,4,6-Trichlorophenol	ND	33000		µg/Kg	100	8/28/01
2,4-Dichlorophenol	ND	160000		µg/Kg	100	8/28/01
2,4-Dimethylphenol	ND	33000		µg/Kg	100	8/28/01
2,4-Dinitrophenol	ND	160000		µg/Kg	100	8/28/01
2,4-Dinitrotoluene	ND	33000		µg/Kg	100	8/28/01
2,6-Dinitrotoluene	ND	33000		µg/Kg	100	8/28/01
2-Chloronaphthalene	ND	33000		µg/Kg	100	8/28/01
2-Chlorophenol	ND	33000		µg/Kg	100	8/28/01
2-Methylnaphthalene	ND	33000		µg/Kg	100	8/28/01
2-Methylphenol	ND	33000		µg/Kg	100	8/28/01
2-Nitroaniline	ND	160000		µg/Kg	100	8/28/01
2-Nitrophenol	ND	33000		µg/Kg	100	8/28/01
3,3´-Dichlorobenzidine	ND	66000		µg/Kg	100	8/28/01
3-Nitroaniline	ND	160000		µg/Kg	100	8/28/01
4,6-Dinitro-2-methylphenol	ND	160000		µg/Kg	100	8/28/01
4-Bromophenyl-phenylether	ND	33000		µg/Kg	100	8/28/01
4-Chloro-3-methylphenol	ND	66000		µg/Kg	100	8/28/01
4-Chloroaniline	ND	66000		µg/Kg	100	8/28/01
4-Chlorophenyl-phenylether	ND	33000		µg/Kg	100	8/28/01
4-Methylphenol	ND	33000		µg/Kg	100	8/28/01
4-Nitroaniline	ND	160000		µg/Kg	100	8/28/01
4-Nitrophenol	ND	160000		µg/Kg	100	8/28/01
Acenaphthene	ND	33000		µg/Kg	100	8/28/01
Acenaphthylene	ND	33000		µg/Kg	100	8/28/01
Anthracene	ND	33000		µg/Kg	100	8/28/01
Benzidine (M)	ND	160000		µg/Kg	100	8/28/01
Benzo(a)anthracene	ND	33000		µg/Kg	100	8/28/01
Benzo(a)pyrene	ND	33000		µg/Kg	100	8/28/01

Qualifiers:
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E - Value above quantitation range
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Initials: _____

Advanced Technology Laboratories

Print Date: *9/10/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	T3-TIE G
Lab Order:	052729		
Project:	Greenway Trail - A8050-06-03	**Collection Date:**	8/23/01
Lab ID:	052729-010A	**Matrix:**	Soil

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8270C**

RunID: **MS7_010827B** BatchID: **5550** PrepDate: **8/27/01** Analyst: **JK**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Benzo(b)fluoranthene	ND	33000		µg/Kg	100	8/28/01
Benzo(g,h,i)perylene	ND	33000		µg/Kg	100	8/28/01
Benzo(k)fluoranthene	ND	33000		µg/Kg	100	8/28/01
Benzoic acid	ND	160000		µg/Kg	100	8/28/01
Benzyl alcohol	ND	66000		µg/Kg	100	8/28/01
Bis(2-chloroethoxy)methane	ND	33000		µg/Kg	100	8/28/01
Bis(2-chloroethyl)ether	ND	33000		µg/Kg	100	8/28/01
Bis(2-chloroisopropyl)ether	ND	33000		µg/Kg	100	8/28/01
Bis(2-ethylhexyl)phthalate	ND	33000		µg/Kg	100	8/28/01
Butylbenzylphthalate	ND	33000		µg/Kg	100	8/28/01
Carbazole	ND	33000		µg/Kg	100	8/28/01
Chrysene	ND	33000		µg/Kg	100	8/28/01
Di-n-butylphthalate	ND	33000		µg/Kg	100	8/28/01
Di-n-octylphthalate	ND	33000		µg/Kg	100	8/28/01
Dibenz(a,h)anthracene	ND	33000		µg/Kg	100	8/28/01
Dibenzofuran	ND	33000		µg/Kg	100	8/28/01
Diethylphthalate	ND	33000		µg/Kg	100	8/28/01
Dimethylphthalate	ND	33000		µg/Kg	100	8/28/01
Fluoranthene	35000	33000		µg/Kg	100	8/28/01
Fluorene	ND	33000		µg/Kg	100	8/28/01
Hexachlorobenzene	ND	33000		µg/Kg	100	8/28/01
Hexachlorobutadiene	ND	66000		µg/Kg	100	8/28/01
Hexachlorocyclopentadiene	ND	66000		µg/Kg	100	8/28/01
Hexachloroethane	ND	33000		µg/Kg	100	8/28/01
Indeno(1,2,3-cd)pyrene	ND	33000		µg/Kg	100	8/28/01
Isophorone	ND	33000		µg/Kg	100	8/28/01
N-Nitrosodi-n-propylamine	ND	33000		µg/Kg	100	8/28/01
N-Nitrosodiphenylamine	ND	33000		µg/Kg	100	8/28/01
Naphthalene	ND	33000		µg/Kg	100	8/28/01
Nitrobenzene	ND	33000		µg/Kg	100	8/28/01
Pentachlorophenol	ND	160000		µg/Kg	100	8/28/01
Phenanthrene	ND	33000		µg/Kg	100	8/28/01
Phenol	ND	33000		µg/Kg	100	8/28/01
Pyrene	ND	33000		µg/Kg	100	8/28/01

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:**	SD BOX #1
Lab Order:	052729		
Project:	Greenway Trail - A8050-06-03	**Collection Date:**	8/23/01
Lab ID:	052729-011A	**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	1100	0.25		mg/Kg	1.0	8/28/01

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:**	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			**EPA 6010B**			
RunID: **ICP2_010828B** BatchID: **5555**				PrepDate: **8/28/01**		Analyst: **RQ**
Lead	60	0.25		mg/Kg	1.0	8/28/01

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 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:**	S1-.5
Lab Order:	052729		
Project:	Greenway Trail - A8050-06-03	**Collection Date:**	8/23/01
Lab ID:	052729-013A	**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	6.2	4.0		µg/Kg	1.0	8/29/01
4,4´-DDE	20	4.0		µg/Kg	1.0	8/29/01
4,4´-DDT	46	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	9.2	4.0		µg/Kg	1.0	8/29/01
beta-BHC	ND	2.0		µg/Kg	1.0	8/29/01
Chlordane	60	17		µg/Kg	1.0	8/29/01
delta-BHC	ND	2.0		µg/Kg	1.0	8/29/01
Dieldrin	5.7	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	9.5	4.0		µg/Kg	1.0	8/29/01
Heptachlor	ND	2.0		µg/Kg	1.0	8/29/01
Heptachlor epoxide	2.6	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	220	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:

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

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:

ND - Not Detected at the Reporting Limit

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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

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: 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

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 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

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

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:**	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

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 [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

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 90755 Tel: 562 [illegible] Fax: 562 [illegible]

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

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:**	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

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:**	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

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

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

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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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H - Samples exceeding analytical holding time

E - Value above quantitation range

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Initials: ____

Advanced Technology Laboratories 3275 Walnut Avenue [illegible]

Advanced Technology Laboratories

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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Initials:_____

Advanced Technology Laboratories

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

Qualifiers:

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E - Value above quantitation range

M - Not Monitored. Highly Reactive

Initials:_____

Advanced Technology Laboratories
1275 Walnut Avenue Signal Hill, CA [illegible]

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

Qualifiers:

ND - Not Detected at the Reporting Limit

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:**	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

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:**	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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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

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Initials:_____

Advanced Technology Laboratories

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:

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

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Initials: _____

Advanced Technology Laboratories 1275 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:**	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:

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:**	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:

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: *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

Qualifiers:

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J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

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

Initials:_____

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

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: *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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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
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

Qualifiers:
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Initials: _____

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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

Qualifiers:

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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

Qualifiers:

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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

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Initials:_____

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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

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

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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

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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

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:**	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:

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
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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:

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:**	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:

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

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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

Qualifiers:

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DO - Surrogate Diluted Out

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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

Qualifiers:

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DO - Surrogate Diluted Out

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Initials: _____

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1275 Walnut Avenue Signal Hill, CA 90806 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

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Initials: _____

Advanced Technology Laboratories

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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:

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: *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

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 Cut

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

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] 1275 [illegible] Long Beach, CA 90807 Tel: 562 [illegible] Fax: 562 [illegible]

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

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:**	T12-2
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:

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

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Advanced Technology Laboratories
5275 Walnut Avenue Signal Hill, CA 90805 Tel: 562 • 989-4045 Fax: 562 989-4040

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:
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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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:

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

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Advanced Technology Laboratories 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:**	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:

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

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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

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
1275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 [illegible] Fax: 562 [illegible]

Advanced Technology Laboratories

Print Date: *8/31/01*

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				**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

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 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

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

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

Initials:_____

Advanced Technology Laboratories
2275 Huntington Avenue, Stockton, CA 95204 - Tel: 562 [illegible] Fax: 562 [illegible]

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

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 [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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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 90755 Tel: 562 989-4045 Fax: 562 989-4040

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

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:**	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

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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:**	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

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
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

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

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

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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

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:**	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

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:**	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

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: *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:

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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:**	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

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
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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

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:**	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

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:**	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

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:**	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

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:**	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

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:**	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

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:**	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

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:**	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

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

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

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:**	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

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:**	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.

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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

Qualifiers:

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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.
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:**	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

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:**	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

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

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

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

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:**	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

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:_____

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

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

Qualifiers:

ND - Not Detected at the Reporting Limit
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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

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

Qualifiers:

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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

Qualifiers:

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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: *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:

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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:

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DO - Surrogate Diluted Out
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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:

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

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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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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:

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

Initials:_____

2175 Avenida de la Carlsbad, CA 92008 Tel: 760 [illegible] Fax: 760 [illegible]

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

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: *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
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: **8/29/01** 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
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 **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
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 **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
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

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
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-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:

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
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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: [illegible]

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
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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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
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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
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
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B - Analyte detected in the associated Method Blank
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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 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
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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 **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
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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 **052729-066AMS** 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: _____

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
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: *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
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-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
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 **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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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: [redacted]

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			

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: [redacted]

All calculations are based on raw values.

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
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-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			

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

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

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.

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:

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: *9/10/01*

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:

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: *9/10/01*

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:

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:_____

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

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

ND - Not Detected at the Reporting Limit
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: *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:

- ND - Not Detected at the Reporting Limit
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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:**	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:

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: *9/10/01*

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

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: *9/10/01*

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:

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: *9/10/01*

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:

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: *9/10/01*

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			**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:

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: *9/10/01*

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				**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

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: *9/10/01*

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				**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

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: *9/10/01*

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				**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

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: *9/10/01*

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			**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

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: *9/10/01*

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				**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

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: *9/10/01*

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				**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

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: *9/10/01*

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			**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

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: *9/10/01*

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			**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

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: *9/10/01*

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			**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:

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: *9/10/01*

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			**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:

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: *9/10/01*

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			**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:

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: *9/10/01*

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			**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:

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: *9/10/01*

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			**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:

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: *9/10/01*

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:

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: *9/10/01*

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: _____

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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 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 **052729-086AMS** 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 4 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

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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:	01-4256 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

Ellen Atienza
Operations Manager

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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:	01-4258 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

Ellen Atienza
Operations Manager

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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:	01-4260 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

Ellen Atienza
Operations Manager

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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

Ellen Atienza
Operations Manager

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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 7, 2001**
Analyzed By:	**EA**
Method:	**EPA 8151**
Sample Type:	**Soil**
Units:	**µg/kg**

	Detection Limit	**Log Number:**	**01-4264**
		Sample ID:	**052729-075A**
ANALYSIS			***DF**
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
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.

D-TEK Analytical Laboratories, Inc.
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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.

D-TEK Analytical Laboratories, Inc.

9020 Kenamar Drive, Suite 205
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.

D-TEK Analytical Laboratories, Inc.

9020 Kenamar Drive, Suite 205
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.

1447

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-	4254			
052729-013A \ S1-.5	Soil	8/23/01	TUBE	1	01-	4255			
052729-017A \ S2-.5	Soil	8/23/01	TUBE	1	01-	4256			
052729-023A \ S5-.5	Soil	8/23/01	TUBE	1	01-	4257			
052729-027A \ S6-.5	Soil	8/23/01	TUBE	1	01-	4258			
052729-028A \ S7-.5	Soil	8/23/01	TUBE	1	01-	4259			
052729-041A \ S8-0	Soil	8/23/01	TUBE	1	01-	4260			
052729-046A \ S9-0	Soil	8/23/01	TUBE	1	01-	4261			
052729-048A \ T14-1	Soil	8/23/01	TUBE	1	01-	4262			
052729-055A \ T17-1.5	Soil	8/23/01	TUBE	1	01-	4263			
052729-075A \ T27-1	Soil	8/23/01	TUBE	1	01-	4264			

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

	Date/Time		Date/Time
Relinquished by: [signature]	[illegible]	Received by: [signature]	8-28-01 [illegible]
Relinquished by: [signature]	8/28/01 [illegible]	Received by: [signature]	8/28/01 1625

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

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
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				**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:

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:

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