FOR CONTRACT NO.: 03-3797U4

INFORMATION HANDOUT

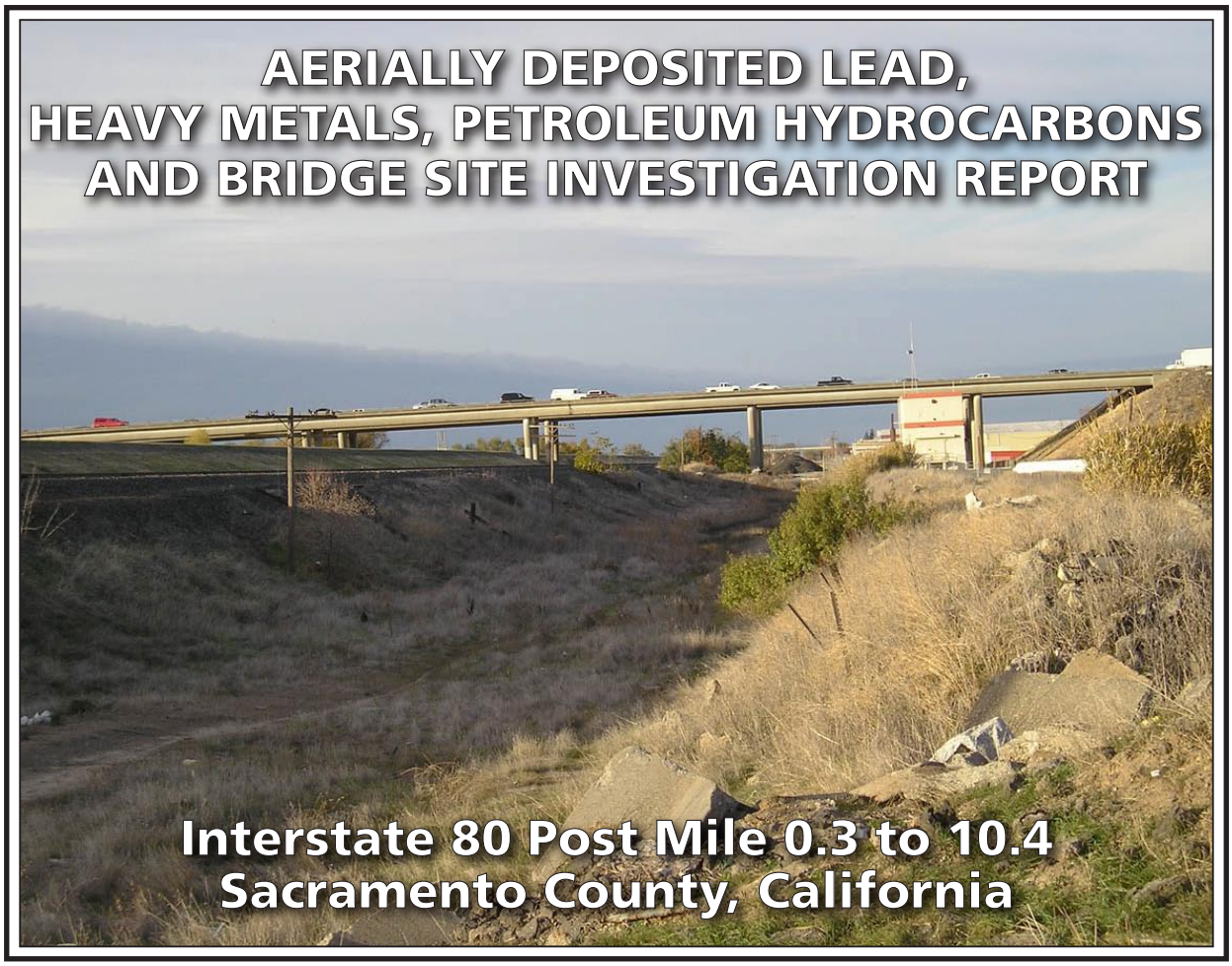
MATERIALS INFORMATION

AERIALLY DEPOSITED LEAD, HEAVY METALS, PETROLEUM HYDROCARBONS AND BRIDGE SITE INVESTIGATION REPORT

ROUTE: 03-Sac-80-R10.9/R11.7,M0.0/M10.4

ADDED PER ADDENDUM No. 3 DATED MAY 19, 2011

AERIALLY DEPOSITED LEAD, HEAVY METALS, PETROLEUM HYDROCARBONS AND BRIDGE SITE INVESTIGATION REPORT



Interstate 80 Post Mile 0.3 to 10.4
Sacramento County, California

PREPARED FOR:

CALIFORNIA DEPARTMENT OF TRANSPORTATION
DISTRICT 3
703 B STREET, P.0. BOX 911
MARYSVILLE, CALIFORNIA

PREPARED BY:

GEOCON CONSULTANTS, INC.
3160 GOLD VALLEY DRIVE, SUITE 800
RANCHO CORDOVA, CALIFORNIA 95742

GEOCON PROJECT NO. S9300-06-08
TASK ORDER NO. 08, EA 03-379700

MARCH 2008

GEOCON
CONSULTANTS, INC.
GEOTECHNICAL ■ ENVIRONMENTAL ■ MATERIALS

Project No. S9300-06-08
March 11, 2008

Mr. Rajive Chadha
California Department of Transportation - District 3
Post Office Box 911
Marysville, California 95901

Subject: INTERSTATE 80 POST MILE 0.3 TO 10.4
SACRAMENTO COUNTY, CALIFORNIA
CONTRACT NO. 03A1368
TASK ORDER NO. 8, EA 03-379700
AERIALLY DEPOSITED LEAD, HEAVY METALS, PETROLEUM
HYDROCARBONS AND BRIDGE SITE INVESTIGATION REPORT

Dear Mr. Chadha:

In accordance with California Department of Transportation (Caltrans) Contract No. 03A1368, Task Order Number (TO) No. 8, and EA 03-379700, Geocon Consultants, Inc. has performed environmental engineering services at the project site. The Site consists of Caltrans right-of-way planned for roadway improvements along Interstate 80 from Post Mile 0.3 to 10.4 in Sacramento County, California. The accompanying report summarizes the services performed including the advancement of 128 direct-push borings for aerially deposited lead sampling, traffic stripe paint sampling, advancement of 18 direct-push and hand-auger borings for soil sampling for petroleum hydrocarbon, pesticide, polychlorinated biphenyl, semivolatile organic compound, and polynuclear aromatic hydrocarbon testing, and asbestos surveys for four bridges located within the project boundaries.

The contents of this report reflect the views of the author, who is responsible for the facts and accuracy of the data presented herein. The contents do not necessarily reflect the official views or policies of the State of California or the Federal Highway Administration. This report does not constitute a standard, specification, or regulation.

Please contact us if there are any questions concerning the contents of this report or if we may be of further service.

Sincerely,

GEOCON CONSULTANTS, INC.

Gemma G. Reblando
Project Geologist

John E. Juhrend, PE, CEG
Project Manager

REGISTERED PROFESSIONAL ENGINEER
JOHN JUHREND
No. 46681
Exp. 06/30/09
CIVIL
STATE OF CALIFORNIA

GGR:JEJ:jaj

(5 + 3 CD) Addressee

TABLE OF CONTENTS

AERIALLY DEPOSITED LEAD, HEAVY METALS, PETROLEUM HYDROCARBONS AND BRIDGE SITE INVESTIGATION REPORT Page

1.0 INTRODUCTION 1
1.1 Project Description and Proposed Improvements 1
1.2 General Objectives 1

2.0 BACKGROUND 1
2.1 Potential Lead Soil Impacts 1
2.2 Potential Lead/Chromium-based Traffic Stripe Paint Impacts 2
2.3 Hazardous Waste Determination Criteria 2

3.0 SCOPE OF SERVICES 3
3.1 Pre-field Activities 3
3.2 Field Activities 3

4.0 INVESTIGATIVE METHODS 4
4.1 Boring Sample Location Rationale 4
4.2 Aerially Deposited Lead and Soundwall Soil Sampling Procedures 5
4.3 Traffic Stripe Paint Sampling Procedures 6
4.4 RT and UPRR Soil Sampling Procedures 6
4.5 Asbestos Sampling Procedures 7
4.6 Traffic Control 7
4.7 Laboratory Analyses 7
4.7.1 ADL Soil Samples 7
4.7.2 Soundwall Soil Samples 7
4.7.3 Traffic Stripe Paint Samples 7
4.7.4 RT and UPRR Grand Avenue/Roseville Road Soil Samples 7
4.7.5 UPRR Adjacent to Natomas East Main Drainage Canal Soil Samples 8
4.7.6 Bridge Samples 8
4.7.7 Quality Assurance/Quality Control 8

5.0 FIELD OBSERVATIONS AND INVESTIGATIVE RESULTS 9
5.1 Site Conditions 9
5.2 Laboratory Analytical Results 9
5.2.1 ADL Soil Samples 9
5.2.2 Soundwall Soil Samples 10
5.2.3 Traffic Stripe Paint Samples 10
5.2.4 RT and UPRR Grand Avenue/Roseville Road Soil Samples 11
5.2.5 UPRR Adjacent to Natomas East Main Drainage Canal Soil Samples 11
5.2.6 Asbestos Results 12
5.2.7 Laboratory QA/QC 13
5.3 Statistical Evaluation for Lead Detected in Soil Samples 13
5.3.1 Total Lead Distribution 14
5.3.2 Calculating the UCLs for the True Mean 14

6.0 CONCLUSIONS AND RECOMMENDATIONS 15
6.1 ADL and Soundwall Soil Waste Disposal/Reuse Classification 15
6.2 Traffic Stripe Paint Waste Classification/Disposal 15
6.3 RT and UPRR Grand Avenue/Roseville Road Soil 16
6.4 UPRR Adjacent to Natomas East Main Drainage Canal Soil 16
6.5 Asbestos in Bridges 16
6.6 Worker Protection 17

7.0 REPORT LIMITATIONS 18

TABLE OF CONTENTS (continued)

FIGURES

1. Vicinity Map
2-1 through 2-13. Site Plans

TABLES

1. Summary of Soil Boring and Paint Sample Coordinates
2. Summary of Lead and Soil pH Analytical Results
3. Summary of Title 22 Metals Analytical Results
4. Summary of Traffic Stripe Paint Sample Analytical Results – Lead and Chromium
5. Summary of Soil Analytical Results – TPHd, TPHmo, Pesticides, PCBs, SVOCs, PAHs and Soil pH

APPENDICES

A. Asbestos and Lead-containing Paint Survey Report
B. Boring Logs
C. Laboratory Reports and Chain-of-custody Documentation
D. Lead Statistics Results

AERIALLY DEPOSITED LEAD, HEAVY METALS, PETROLEUM HYDROCARBONS AND BRIDGE SITE INVESTIGATION REPORT

1.0 INTRODUCTION

This Site Investigation report for the Interstate 80 Post Mile (PM) 0.3 to 10.4 project was prepared by Geocon Consultants, Inc. under California Department of Transportation (Caltrans) Contract No. 03A1368, Task Order (TO) No. 8 and EA 03-379700. This report also incorporates data collected under Caltrans Contract No. 03A0937 and TO No. 171.

1.1 Project Description and Proposed Improvements

The project area consists of the median and shoulder areas of Interstate 80 (I-80) from the Sacramento-Yolo county line to just east of the Longview Drive overcrossing (PM 0.3 to 10.4) (the Site) in Sacramento County, California. Caltrans intends to rehabilitate the existing roadway, which will include disturbance of soil at the Site. The approximate project location is depicted on the Vicinity Map, Figure 1 and Site Plans, Figures 2-1 through 2-13.

1.2 General Objectives

The purpose of the scope of services outlined in TO No. 8 was to evaluate whether impacts due to aerial lead deposition from motor vehicle exhaust exist in the surface and near surface soils within the project boundaries, to determine whether the yellow and/or white traffic stripe paint on the roadway at the Site contains lead and/or chromium, and to evaluate the potential presence of petroleum hydrocarbon soil impacts associated with railroad corridors within the project boundaries. The investigative results will be used by Caltrans to inform the construction contractor(s) if lead-impacted soil, lead- and/or chromium-containing yellow and white traffic stripe paint, and petroleum hydrocarbon-impacted soil are present within the project boundaries for health and safety, and soil management and disposal evaluation purposes. Additionally, we performed an asbestos-containing material (ACM) bridge survey. The results of the ACM survey are presented in a separate report included as Appendix A.

2.0 BACKGROUND

2.1 Potential Lead Soil Impacts

Ongoing testing by Caltrans throughout California has indicated that aerially deposited lead (ADL) exists along major freeway routes due to emissions from vehicles powered by leaded gasoline. Caltrans reports that total lead concentrations in soil adjacent to the freeways have typically ranged between 50 and 700 milligrams per kilogram (mg/kg). At sites where soil has not been disturbed, the aerially deposited lead is generally limited to the upper 2 feet (ft) of soil within unpaved shoulder and median areas.

2.2 Potential Lead/Chromium-based Traffic Stripe Paint Impacts

Yellow traffic stripe paint utilized by Caltrans may contain lead-chromate. The presence of elevated lead and chromium requires sampling and analytical testing of the paint stripe materials to determine appropriate health and safety procedures and proper management and disposal practices. Disposal of removed traffic stripe paint materials is dependent on the method utilized to remove these materials (i.e. focused stripe removal vs. pavement grinding).

2.3 Hazardous Waste Determination Criteria

Regulatory criteria to classify a waste as "California hazardous" for handling and disposal purposes are contained in the *CCR*, Title 22, Division 4.5, Chapter 11, Article 3, § 66261.24. Criteria to classify a waste as "Resource, Conservation, and Recovery Act (RCRA) hazardous" are contained in Chapter 40 of the Code of Federal Regulations (40 CFR), Section 261.

For waste containing metals, the waste is classified as California hazardous when: 1) the total metal content exceeds the respective Total Threshold Limit Concentration (TTLC); or 2) the soluble metal content exceeds the respective Soluble Threshold Limit Concentration (STLC) based on the standard Waste Extraction Test (WET). A waste may have the potential of exceeding the STLC when the waste's total metal content is greater than or equal to ten times the respective STLC value, since the WET uses a 1:10 dilution ratio. Hence, when a total metal is detected at a concentration greater than or equal to ten times the respective STLC, and assuming that 100 percent of the total metals are soluble, soluble metal analysis is required. A material is classified as RCRA hazardous, or Federal hazardous, when the soluble metal content exceeds the Federal regulatory level based on the Toxicity Characteristic Leaching Procedure (TCLP). The TTLC value for lead is 1,000 mg/kg. The STLC and TCLP values for lead are both 5.0 milligrams per liter (mg/l).

The above regulatory criteria are based on chemical concentrations. Wastes may also be classified as hazardous based on other criteria such as ignitability and corrosivity; however, for the purposes of this investigation, toxicity (i.e., lead concentrations) is the primary factor considered for waste classification since waste generated during the construction activities would not likely warrant testing for ignitability or corrosivity. Waste that is classified as either California hazardous or RCRA hazardous requires management as a hazardous waste.

The Department of Toxic Substances Control (DTSC) regulates and interprets hazardous waste laws in California. DTSC generally considers excavated or transported materials that exhibit "hazardous waste" characteristics to be a "waste" requiring proper management, treatment and disposal. Soil that contains lead above hazardous waste thresholds and is left in-place would not be necessarily classified by DTSC as a "waste." The DTSC has provided site-specific determinations that "movement of wastes within an area of contamination does not constitute "land disposal" and, thus, does not trigger

hazardous waste disposal requirements." Therefore, lead-impacted soil that is scarified in-place, moisture-conditioned, and recompacted during roadway improvement activities might not be considered a "waste." DTSC should be consulted to confirm waste classification. It is noted that in addition to DTSC regulations, health and safety requirements and other local agency requirements may also apply to the handling and disposal of lead-impacted soil.

3.0 SCOPE OF SERVICES

The following scope of services was performed as requested by Caltrans in TO No. 8.

3.1 Pre-field Activities

- Conducted a TO meeting on July 2, 2007, to discuss the TO scope of services. Caltrans representative Rajive Chadha and Geocon representatives Rebecca Silva and Michael O'Brien attended the meeting. The purpose of the TO meeting was to identify and observe the project boundaries and conditions. The project limits were further outlined in white paint for subsequent utility clearance.
- Prepared a *Workplan* dated July 6, 2007, which described the requested scope of services and quality assurance/quality control (QA/QC) sampling and laboratory procedures.
- Utilized the *Health and Safety Plan* prepared for TO No. 95 (Contract No. 03A0937) project dated March 23, 2006, to provide guidelines on the use of personal protective equipment and the health and safety procedures implemented during the field activities.
- Contacted the local public utilities via Underground Service Alert on June 28, 2007 (Ticket Nos. 235879, 235882, 235883, 235888, 235891, 235892, 235894, and 235897), July 2, 2007 (Ticket No. 270393), August 21, 2007 (Ticket No. 309358), and on December 4, 2007 (Ticket No. 453723) to attempt to delineate subsurface public utilities and conduits in proximity to the proposed boring locations.
- Retained the services of Sparger Technology, Inc., a Caltrans-approved analytical laboratory, to perform the chemical analysis of soil and traffic stripe paint samples.
- Retained the services of Advanced Technology Laboratories (ATL), a Caltrans-approved and California-certified analytical laboratory, to perform the chemical analysis of soil samples collected in the near the Union Pacific Railroad (UPRR) tracks adjacent to the Natomas East Main Drainage Canal.

3.2 Field Activities

The field activities consisted of collecting soil samples along the paved and unpaved shoulder and median areas of I-80 between PM 0.3 and 10.4, along the soundwall between Rio Linda Boulevard and Winters Street, and directly under the I-80 overcrossing near the Sacramento Regional Transit District (RT) and UPRR tracks. On July 3, 2007, 68 soil samples were collected from 18 direct-push soundwall (SW) borings (SW1 through SW18) at the Caltrans designated soil sampling locations. On July 11 through 13, 2007, 387 soil samples were collected from 130 direct-push borings (B1 through B130) at the Caltrans designated soil sampling locations. Sixteen yellow traffic stripe paint samples (PC1

through PC16) were collected on July 11, 2007, at the Caltrans designated sampling locations. On July 30, 2007, 16 soil samples were collected from four direct-push borings advanced in the vicinity of the RT tracks within the RT parking lot (DP1-RT through DP4-RT) per Caltrans' direction for petroleum hydrocarbon analysis. On August 29, 2007, 23 soil samples were collected from six additional direct-push borings advanced directly under the I-80 overcrossing in the vicinity of the UPRR tracks between Grand Avenue and Roseville Road (DPLB-B2 through DPLB-B4 and DPRB-B2 through DPRB-B4). White traffic stripe paint samples (WTS-1A through WTS-1D) were also collected on September 6, 2007. On December 7, 2007, 28 soil samples were collected from eight additional direct-push and hand-auger borings (DPRR-1 through DPRR-8) advanced near the UPRR tracks adjacent to the Natomas East Main Drainage Canal. The ADL and SW soil borings were excavated to an approximate maximum depth of 3.0 ft. Soil samples were collected at general depths of 0.0 to 1.0 foot, 1.0 to 2.0 ft and 2.0 to 3.0 ft. Direct-push borings DP1-RT through DP4-RT, DPLB-B2 through DPLB-B4, DPRB-B2 through DPRB-B4, and DPRR-1 through DPRR-8 were advanced to an approximate maximum depth of 12 ft. The approximate soil boring and paint sample locations are depicted on Figures 2-1 through 2-13. We also performed an asbestos survey of four bridges within the project boundaries on December 11, 2007.

4.0 INVESTIGATIVE METHODS

4.1 Boring Sample Location Rationale

The following ADL and SW soil boring locations were designated by Caltrans in the vicinity of proposed improvements:

- Borings B1 through B5, B70, B71, SW1 through SW6, and SW18 were advanced along the eastbound (EB) shoulder of I-80;
- Borings B6 through B10, SW7 through SW17 were advanced along the westbound (WB) shoulder of I-80; and
- Borings B11 through B69 and B72 through B130 were advanced along the median of I-80.

The paint sampling locations were designated by Caltrans within the proposed construction area. Yellow traffic stripe paint samples PC1 through PC4 and PC6 were obtained from the shoulder of EB I-80, and PC5 and PC7 through PC16 were obtained from the I-80 median as depicted on Figures 2-1, 2-3, 2-4, 2-6, 2-7 and 2-9 through 2-13. White traffic stripe paint samples WTS-1A through WTS-1D were obtained from the shoulder of WB I-80 as depicted on Figures 2-2, 2-5, 2-8 and 2-10.

Borings DP1-RT through DP4-RT were advanced directly under the I-80 overcrossing within the RT parking lot. Borings DPLB-B2 through DPLB-B4 and DPRB-B2 through DPRB-B4 were advanced directly under the I-80 overcrossing in the vicinity of the UPRR tracks between Grand Avenue and Roseville Road. Borings DPRR-1 through DPRR-8 were advanced directly under the I-80 overcrossing

near the UPRR tracks adjacent to the Natomas East Main Drainage Canal. The approximate boring locations are depicted on Figures 2-7 and 2-12.

The coordinates of each ADL, SW, DP1-RT through DP4-RT, DPRB-B2 through DPRB-B4, and DPLB-B2 through DPLB-B4 boring and paint sample locations were determined using a differential global positioning system (GPS) with the exception of borings B47 through B49, B74, SW1, SW3, SW12 and WTS-1A through WTS-1D. The coordinates for these borings could not be obtained due to signal failure. Coordinates for borings DPRR-1 through DPRR-8 could not be obtained due to overhead obstructions. The GPS was utilized during the field activities to locate the horizontal position of each accessible location with an error of no more than 3.0 ft. The latitude and longitude of the sampling locations are summarized on Table 1.

4.2 Aerially Deposited Lead and Soundwall Soil Sampling Procedures

A total of 387 ADL soil samples were collected from 130 direct-push borings excavated at the Site. Forty-seven SW soil samples were collected from 18 direct-push borings for metals analysis. Soil samples obtained from the direct-push borings were collected in cellulose thermoplastic (acetate) liners driven by the direct-push rig. After collection, the acetate liner that contained the soil sample was cut open and the soil samples were transferred to Ziploc® re-sealable plastic bags. The soil samples were field homogenized within the sample bags and subsequently labeled, placed in an ice chest, and delivered to Sparger under standard chain-of-custody (COC) documentation.

Per Caltrans' request, discrete samples collected from intervals 0.0 to 1.0, 1.0 to 2.0 and 2.0 to 3.0 ft from borings located in the same general area were composited with the exception of discrete soil samples SW3-2.0, SW18-0.0, SW18-1.0 and SW18-2.0. The analytical laboratory was instructed to composite the soil samples. A portion of each discrete sample collected during the field sampling activities was retained by the laboratory for further analysis, if warranted. The composite sample identifications are presented in Tables 2 and 3.

QA/QC procedures were performed during the field sampling activities. These procedures included decontamination of sampling equipment before each boring was advanced and providing COC documentation for each sample submitted to the laboratory. The soil sampling equipment was cleansed between each boring by washing the equipment with an Alconox™ solution followed by a double rinse with deionized water. The field sampling activities were performed under the supervision of Geocon's project manager.

The borings were backfilled with the excess soil cuttings generated at each location. The decontamination water was discharged to the ground surface away from surface water bodies or storm drain inlets.

4.3 Traffic Stripe Paint Sampling Procedures

Sixteen yellow and four white traffic stripe paint samples were collected using a hammer to break a chip off the traffic paint from the traffic stripe. The traffic stripe paint samples were placed in labeled Ziploc® re-sealable plastic bags and delivered to Sparger under standard COC documentation.

4.4 RT and UPRR Soil Sampling Procedures

Soil borings DP1-RT through DP4-RT and DPRR-1 through DPRR-4 were advanced using a direct-push rig operated by TEG of Rancho Cordova, California. Soil borings DPLB-B2, DPLB-B4 and DPRB-B2 through DPRB-B4 were advanced using a compact direct-push rig operated by Geocon. We advanced boring DPLB-B3 located in between two UPRR tracks using a hand-auger due to direct-push rig inaccessibility. We also advanced borings DPRR-5 through DPRR-8 using a hand-auger due to direct-push rig inaccessibility. The borings were advanced to depths of approximately 12 ft, with the exception of borings DPLB-B4, DPRR-5, DPRR-7 and DPRR-8 due to refusal at depths of 9.0, 5.0, 8.0 and 8.0 ft, respectively. A continuous soil core was collected inside a clear acetate sleeve fitted inside the push rods during the advancement of borings. The soil cores were logged by the field geologist utilizing the Unified Soil Classification System (USCS) under the direction of a California Professional Geologist with the exception of hand-auger borings DPRR-5 through DPRR-8. A description of the soil encountered in hand-auger borings DPRR-5 through DPRR-8 is presented in Section 5.1.

Soil samples were collected by cutting a section out of the core at the desired interval and sealing the ends of the sample with Teflon™ sheets and plastic end caps. The samples were then labeled and placed in a chilled cooler. Selected soil samples were submitted to Sparger under standard COC documentation. Soil samples collected near the UPRR tracks adjacent to the Natomas East Main Drainage Canal were submitted to ATL under standard COC documentation.

Per Caltrans' request, discrete samples collected at approximate depths of 1.0 to 2.0 ft, 4.0 ft, 7.0 to 8.0 ft and 10 to 11.5 ft from the same boring were composited. The analytical laboratory was instructed to composite the soil samples. A portion of each discrete sample collected during the field sampling activities was retained by the laboratory for further analysis, if warranted.

Disturbed soil samples from the soil core were retained in re-sealable plastic bags for field screening with a photo-ionization detector (PID) to qualitatively assess the presence of volatile organic compounds. The PID readings were recorded on the borings logs, which are presented in Appendix B.

Following sample collection, each boring was backfilled from its total depth to the surface with neat cement per City of Sacramento Public Utilities Department requirements. Borings located on the street were sealed with cold patch to match the surrounding surface. A City of Roseville representative was present to inspect the grouted borings.

4.5 Asbestos Sampling Procedures

Bulk asbestos samples were collected from each bridge after first wetting friable material with a light mist of water. The samples were then cut from the substrate and transferred to a labeled container and delivered to EMSL Analytical, Inc. under standard chain-of-custody documentation.

4.6 Traffic Control

Caltrans provided traffic control using an attenuator truck and warning signs during the field sampling activities along the I-80 median. Geocon provided a moving shoulder closure during field sampling along the shoulder areas of I-80 and a street lane closure during the advancement of the UPRR borings.

4.7 Laboratory Analyses

4.7.1 ADL Soil Samples

The ADL soil samples collected within the project boundaries were submitted to Sparger for the following analyses under standard ten-day turn-around-time (TAT). The laboratory was instructed to homogenize the ADL soil samples prior to analysis in accordance with contract requirements.

- One hundred eight composite soil samples were analyzed for total lead following United States Environmental Protection Agency (EPA) Test Method 6010B.
- Eleven randomly selected composite soil samples were analyzed for soil pH using EPA Test Method 9045.

4.7.2 Soundwall Soil Samples

Twenty-one composite soil samples collected along the proposed soundwall locations were analyzed for Title 22 metals following EPA Test Methods 6010B and 7470 (mercury) under standard ten-day TAT.

4.7.3 Traffic Stripe Paint Samples

Sixteen yellow and four white traffic stripe paint samples collected within the project boundaries were submitted to Sparger for total lead and total chromium analyses following EPA Test Method 6010B under standard ten-day TAT.

4.7.4 RT and UPRR Grand Avenue/Roseville Road Soil Samples

Four composite RT soil samples and six composite UPRR Grand Avenue/Roseville Road soil samples collected within the project boundaries were analyzed by Sparger for the following analyses under expedited TAT:

- Total petroleum hydrocarbons as diesel (TPHd) and motor oil (TPHmo) following EPA Test Method 8015M;
- Pesticides following EPA Test Method 8081A;
- Polychlorinated biphenyls (PCBs) following EPA Test Method 8082;
- Semivolatile organic compounds (SVOCs) following EPA Test Method 8270C;
- Title 22 metals following EPA Test Methods 6010B and 7471A (mercury); and
- Soil pH using EPA Test Method 9045.

4.7.5 UPRR Adjacent to Natomas East Main Drainage Canal Soil Samples

Eight composite soil samples (DPRR-1 through DPRR-8) collected in the vicinity of the UPRR tracks adjacent to the Natomas East Main Drainage Canal were analyzed by ATL for the following analyses under expedited TAT:

- TPHd and TPHmo following EPA Test Method 8015M;
- Organochlorine pesticides following EPA Test Method 8081A;
- PCBs following EPA Test Method 8082;
- Polynuclear aromatic hydrocarbons (PAHs) following EPA Test Method 8310;
- Title 22 metals following EPA Test Methods 6010B and 7471A (mercury); and
- Soil pH using EPA Test Method 9045.

4.7.6 Bridge Samples

Six bulk asbestos samples were submitted for asbestos analysis in accordance with EPA Test Method 600/R-93/116 using polarized light microscopy (PLM).

4.7.7 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. The laboratory QA/QC procedures included the following:

- One method blank for every ten samples, batch of samples or type of matrix, whichever was more frequent.
- One sample analyzed in duplicate for every ten samples, batch of samples or type of matrix, whichever was more frequent.
- One spiked sample for every ten samples, batch of samples or type of matrix, whichever was more frequent, with the spike made at ten times the detection limit or at the analyte level.

Prior to submitting the soil samples to the laboratory, the COC documentation was reviewed for accuracy and completeness. Reproductions of the laboratory reports and COC documentation are presented in Appendix C.

5.0 FIELD OBSERVATIONS AND INVESTIGATIVE RESULTS

5.1 Site Conditions

The soil conditions encountered in the borings located along the shoulders and median of I-80 generally consists of silty sand and roadbase materials to a depth of approximately 0.5 foot. Underlying soil generally consists of sand and silty sand to a depth of approximately 3 ft. Deeper borings located directly under the I-80 overcrossing in the vicinity of the RT and UPRR tracks generally consist of fill material comprised of gravelly sand and roadbase materials, where encountered beneath the surface paving materials extending to depths between 1.0 and 3.5 ft. The underlying alluvial deposits consist of clayey silt, clay and silty sand to the maximum depth explored of 12 ft. Borings DPRR-1 through DPRR-4 located east of the UPRR tracks directly underneath the I-80 overcrossing adjacent to the Natomas East Main Drainage Canal generally consist of fill material comprised of olive gray (5Y 4/1) sandy silt extending to depths between 2.0 and 5.0 ft. Underlying soil generally consists of sand and silt to an approximate maximum depth of 12 ft. Hand-auger borings DPRR-5 through DPRR-8 located west of the UPRR tracks directly underneath the I-80 overcrossing adjacent to the Natomas East Main Drainage Canal generally consist of moderate yellowish brown (10YR 5/4) sandy silt extending to depths between 5.5 and 11.0 ft. Groundwater was not encountered during the excavation of the soil borings.

5.2 Laboratory Analytical Results

The laboratory analytical results are discussed below. The ADL analytical results are summarized on Table 2. The laboratory results for metals analyses are summarized on Table 3. The traffic stripe paint sample analytical results are summarized on Table 4. The laboratory results for TPHd, TPHmo, pesticides, PCBs, SVOCs, PAHs and soil pH are summarized on Table 5. The laboratory reports and COC documentation are presented in Appendix C.

5.2.1 ADL Soil Samples

Total lead was reported at concentrations exceeding the laboratory method reporting limits (MRLs) in each of the 108 ADL composite soil samples analyzed at concentrations ranging from 1.81 to 93.8 mg/kg. Ten of the 108 composite soil samples had reported total lead concentrations greater than or equal to 50 mg/kg (i.e., greater than ten times the STLC value for lead of 5.0 mg/l).

Soil pH values ranged from 6.98 to 8.78.

5.2.2 Soundwall Soil Samples

A total of 21 composite soil samples were analyzed for Title 22 metals. The following metals were reported at concentrations exceeding the laboratory MRLs.

- Arsenic ranging from 2.1 to 3.8 mg/kg;
- Barium ranging from 57 to 233 mg/kg;
- Cadmium ranging from 0.53 to 1.2 mg/kg;
- Chromium ranging from 14 to 35 mg/kg;
- Cobalt ranging from 6.0 to 9.4 mg/kg;
- Copper ranging from 6.7 to 19 mg/kg;
- Lead ranging from 4.0 to 22 mg/kg;
- Nickel ranging from 6.4 to 33 mg/kg;
- Vanadium ranging from 19 to 40 mg/kg;
- Zinc ranging from 11 to 59 mg/kg; and
- Mercury ranging from 0.015 to 0.042 mg/kg.

None of the reported metals concentrations exceeded ten times their respective STLC values and appear to be within the range for naturally occurring background concentrations.

5.2.3 Traffic Stripe Paint Samples

Sixteen yellow traffic stripe paint samples (PC1 through PC16) were collected from within the project boundaries. Total lead was reported for each of the yellow traffic stripe paint samples at concentrations ranging from 1.70 to 4,390 mg/kg. Three of the 16 yellow stripe paint samples (PC7, PC9 and PC16) had total lead concentrations greater than the California hazardous waste threshold for lead of 1,000 mg/kg (TTLC). Total chromium was reported for 15 of the 16 yellow traffic stripe paint samples at concentrations ranging from 1.56 to 1,420 mg/kg. None of the 16 yellow traffic stripe paint samples had total chromium concentrations greater than the California hazardous waste threshold for chromium of 2,500 mg/kg (TTLC). Caltrans elected not to further analyze the yellow paint samples with total lead levels exceeding the TTLC for TCLP soluble lead as the current design plans do not specify grinding of the yellow traffic stripe paint during roadway construction.

Four white traffic stripe paint samples (WTS-1A through WTS-1D) were collected from within the project boundaries. Total lead was reported for three of the four white traffic stripe paint samples at concentrations ranging from 1.17 to 40.6 mg/kg. Total chromium was only reported for one of the four white traffic stripe paint samples at 6.23 mg/kg. None of the four white traffic stripe paint samples had

total lead and total chromium concentrations greater than the California hazardous waste threshold (TTLC) for lead and chromium of 1,000 and 2,500 mg/kg, respectively.

5.2.4 RT and UPRR Grand Avenue/Roseville Road Soil Samples

TPHd, TPHmo, pesticides, PCBs and SVOCs were not reported at concentrations exceeding the MRL in the soil samples collected in the vicinity of the RT tracks and UPRR tracks between Grand Avenue and Roseville Road. Soil pH values ranged from 6.64 to 8.43.

Ten composite soil samples were analyzed for Title 22 metals. The following metals were reported at concentrations exceeding the laboratory MRL.

- Arsenic ranging from 2.8 to 5.9 mg/kg;
- Barium ranging from 83 to 233 mg/kg;
- Chromium ranging from 24 to 32 mg/kg;
- Cobalt ranging from 9.1 to 13 mg/kg;
- Copper ranging from 9.8 to 20 mg/kg;
- Lead ranging from 2.9 to 11 mg/kg;
- Nickel ranging from 14 to 23 mg/kg;
- Vanadium ranging from 36 to 68 mg/kg;
- Zinc ranging from 26 to 44 mg/kg; and
- Mercury ranging from 0.011 to 0.026 mg/kg.

None of the 17 metals were reported at concentrations exceeding ten times their respective STLC values and appear to be within the range for naturally occurring background concentrations.

5.2.5 UPRR Adjacent to Natomas East Main Drainage Canal Soil Samples

TPHd and TPHmo were reported for the composite soil samples from borings DPRR-1 through DPRR-8 at concentrations up to 26 mg/kg (DPRR-1) and 56 mg/kg (DPRR-1), respectively.

Organochlorine pesticides and PCBs were not reported for the composite soil samples from borings DPRR-1 through DPRR-8. Soil pH values were 8.2 and 8.4.

The following PAH compounds were reported for the composite soil samples from borings DPRR-1 through DPRR-3.

- Benzo(a)anthracene at 0.063 mg/kg (DPRR-1) and 0.022 (DPRR-2);
- Benzo(a)pyrene at 0.060 (DPRR-1), 0.012 mg/kg (DPRR-2) and 0.013 mg/kg (DPRR-3);

- Benzo(b)fluoranthene at 0.041 mg/kg (DPRR-1), 0.042 (DPRR-2) and 0.011 mg/kg (DPRR-3);
- Benzo(k)fluoranthene at 0.014 mg/kg (DPRR-1) and 0.017 (DPRR-2);
- Chrysene at 0.030 mg/kg (DPRR-2) and 0.032 (DPRR-3);
- Indeno(1,2,3-cd)pyrene at 0.043 mg/kg (DPRR-1) and 0.029 (DPRR-2);
- Benzo(g,h,i)perylene at 0.041 mg/kg (DPRR-1) and 0.032 (DPRR-2);
- Fluoranthene at 0.032 mg/kg (DPRR-1), 0.033 (DPRR-2) and 0.029 mg/kg (DPRR-3);
- Phenanthrene in the composite soil sample from DPRR-3 at 0.013 mg/kg; and
- Pyrene at 0.040 mg/kg (DPRR-1), 0.027 (DPRR-2) and 0.032 mg/kg (DPRR-3).

None of the PAH compounds had concentrations exceeding the EPA Preliminary Remediation Goals (PRGs) for residential soil.

Eight composite soil samples were analyzed for Title 22 metals. The following metals were reported at concentrations exceeding the laboratory MRL.

- Arsenic ranging from 1.6 to 2.8 mg/kg;
- Barium ranging from 88 to 200 mg/kg;
- Cadmium ranging from 1.4 to 2.7 mg/kg;
- Chromium ranging from 27 to 38 mg/kg;
- Cobalt ranging from 7.8 to 14 mg/kg;
- Copper ranging from 12 to 22 mg/kg;
- Lead ranging from 2.8 to 25 mg/kg;
- Nickel ranging from 16 to 26 mg/kg;
- Vanadium ranging from 32 to 50 mg/kg; and
- Zinc ranging from 22 to 58 mg/kg.

None of the 17 metals were reported at concentrations exceeding ten times their respective STLC values and appear to be within the range for naturally occurring background concentrations.

5.2.6 Asbestos Results

Chrysotile asbestos at a concentration of 80% was detected in a sample representing nonfriable asbestos sheet packing used as barrier rail shims on Bridge 24-0193L/R (Del Paso Park Overhead).

Chrysotile asbestos at a concentration of 80% was detected in a sample representing nonfriable asbestos sheet packing used as barrier rail shims on Bridge 24-0205L/R (Winters Street Undercrossing).

Chrysotile asbestos at a concentration of 80% was detected in a sample representing nonfriable asbestos sheet packing used as barrier rail shims on Bridge 24-0203L/R (Del Paso Heights Overhead).

Chrysotile asbestos at a concentration of 80% was detected in a sample representing nonfriable asbestos sheet packing used as barrier rail shims on Bridge 24-0218L/R (Natomas East Canal Overhead).

We were not able to quantify the shims on the subject bridges due to safety concerns (i.e., traffic). No asbestos was detected in samples of the remaining suspect materials collected.

5.2.7 Laboratory QA/QC

We reviewed the laboratory QA/QC provided with the laboratory report. The data show acceptable surrogate recoveries and non-detect results for the method blanks. However, the relative percent difference (RPD) for duplicate samples 82999, 83035, 82861, 82871 and Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD) for samples 82998 were outside the RPD limit. The laboratory states "high RPD due to sample matrix effect." Percent recoveries for MS and/or MSD for antimony, lead, vanadium and zinc are also outside recovery criteria for samples 82998, 82854, 83084, and 83085. The laboratory states "Low MS/MSD recoveries due to sample matrix effect. High MS/MSD recoveries due to sample matrix effect." The data showed acceptable recoveries and RPDs for the remainder of the matrix spikes and duplicates.

Percent recoveries and RPDs for duplicate, MS and/or MSD samples for EPA Methods 6010 and 8015 are outside recovery criteria for the samples collected on December 7, 2007. The laboratory report states "MS and/or MSD are/is outside recovery criteria for sample 095811-036AMS; however, the analytical batch was validated by the Laboratory Control Sample (LCS). Surrogate recovery biased low for sample 095811-032A, possibly due to matrix interferences. The sample was reanalyzed and demonstrated the same low recovery. RPD for Duplicate (DUP) is outside criteria for sample 095811-030ADUP and 095811-036ADUP; however, the LCS validated the analytical batch." The data showed acceptable recoveries and RPDs for the rest of the matrix spikes and duplicates. Based on this limited data review, no additional qualifications of the data are necessary, and the data are of sufficient quality for the purposes of this report.

5.3 Statistical Evaluation for Lead Detected in Soil Samples

Statistical methods were applied to the total lead data to evaluate the upper confidence limits (UCLs) of the arithmetic means of the total lead concentrations for each sampling depth. The statistical methods used are discussed in a book entitled *Statistical Methods for Environmental Pollution Monitoring,* by Richard Gilbert; in an EPA *Technology Support Center Issue* document entitled, *The Lognormal*

Distribution in Environmental Applications, by Ashok Singh et. al., dated December 1997; and in a book entitled *An Introduction to the Bootstrap*, by Bradley Efron and Robert J. Tibshirani.

5.3.1 Total Lead Distribution

The presence of non-detects and/or low concentrations in total lead data sets can strongly skew sample data towards low values. In these cases, the data are often lognormally distributed or non-parametric and classical statistical methods do not work properly since they assume that the data exhibit an underlying normal distribution. Consequently, it is necessary to apply the appropriate method when determining the UCLs on the true total lead means.

5.3.2 Calculating the UCLs for the True Mean

The upper one-sided 90% and 95% UCLs of the arithmetic mean are defined as the values that, when calculated repeatedly for randomly drawn subsets of site data, equal or exceed the true mean 90% and 95% of the time, respectively. Statistical confidence limits are the classical tool for addressing uncertainties of a distribution mean. The UCLs of the arithmetic mean concentration are used as the mean concentrations because it is not possible to know the true mean due to the essentially infinite number of soil samples that could be collected from a site. The UCLs therefore account for uncertainties due to limited sampling data. As data become less limited at a site, uncertainties decrease, and the UCLs move closer to the true mean.

Non-parametric bootstrap techniques used to calculate the UCLs are discussed in the previously referenced EPA document and in *An Introduction to the Bootstrap.* The bootstrap results are included in Appendix D. The calculated UCLs and statistical results are summarized in the table below:

SAMPLE INTERVAL (feet)	90% TOTAL LEAD UCL (mg/kg)	95% TOTAL LEAD UCL (mg/kg)	TOTAL LEAD MEAN (mg/kg)	MINIMUM VALUE (mg/kg)	MAXIMUM VALUE (mg/kg)
0.0 to 1.0	42.3	43.7	37.8	3.21	93.8
1.0 to 2.0	9.20	9.58	7.64	1.81	33.8
2.0 to 3.0	8.24	8.61	6.80	1.87	35.2

6.0 CONCLUSIONS AND RECOMMENDATIONS

6.1 ADL and Soundwall Soil Waste Disposal/Reuse Classification

Waste classifications are evaluated based on the 90% UCL of the lead content for the relevant excavation depths; this has historically been considered sufficient to satisfy a good faith effort by the EPA as discussed in SW-846. Risk assessment characterization is based on the 95% UCL of the lead content in the waste for the relevant depths; this is in accordance with the Risk Assessment Guidance for Superfund (RAGS) Volume 1 documentation for Exposure Assessment.

Soil materials excavated to a maximum depth of 3.0 ft along the shoulder, median and soundwall areas of I-80 between PM 0.3 to 10.4 can be reused onsite or disposed of as non-hazardous soil since the calculated 90% total lead UCLs are less than 50 mg/kg.

None of the Title 22 metals were reported for the SW soil samples at concentrations exceeding the respective TTLC values and ten times the respective STLC values.

6.2 Traffic Stripe Paint Waste Classification/Disposal

The yellow and white traffic stripe paint was sampled per Caltrans' request since it may be removed from the underlying asphalt concrete by grinding or sand blasting, which would create a paint waste stream.

The highest reported concentrations of total lead and total chromium for the yellow traffic stripe paint samples were 4,390 mg/kg and 1,420 mg/kg, respectively. Since the total lead concentrations of three of the 16 yellow traffic stripe paint samples (PC7, PC9 and PC16) are greater than the TTLC value for lead of 1,000 mg/kg, the yellow traffic stripe paint may require disposal as a California hazardous waste. Caltrans' current design plans do not specify grinding of the yellow traffic stripe paint. The paint stripes will be removed along with the roadway and underlying sub-base. Additional analytical testing of the yellow traffic stripe paint may be required if design plans change and grinding of the yellow stripe paint is required since the paint samples were not analyzed for WET and TCLP soluble lead.

The highest reported concentrations of total lead and total chromium for the white traffic stripe paint samples were 40.6 and 6.23 mg/kg, respectively. The white traffic stripe will not require disposal as a California hazardous waste since the total lead and total chromium concentrations are less than the TTLC values of 1,000 mg/kg for lead and 2,500 mg/kg for chromium and less than ten times the STLC value for lead of 5.0 mg/l.

6.3 RT and UPRR Grand Avenue/Roseville Road Soil

We did not observe obviously impacted soil to the maximum depth explored of 12 ft during the field sampling activities conducted in the vicinity of the RT tracks and UPRR tracks between Grand Avenue and Roseville Road. TPHd, TPHmo, pesticides, PCBs and SVOCs were not reported for each of the soil samples collected within these areas.

Based on the non-detect results of petroleum hydrocarbons, pesticides, PCBs and SVOCs, soil impacts were not encountered in the exploratory borings performed within this area that would warrant special health and safety, soil handling or disposal protocols. If stained or odorous soil conditions are encountered during onsite construction excavations, these materials should be isolated, stockpiled and characterized to determine appropriate health and safety and soil disposal options.

6.4 UPRR Adjacent to Natomas East Main Drainage Canal Soil

We did not observe obviously impacted soil to the maximum depth explored of 12 ft during the field sampling activities conducted near the UPRR tracks adjacent to the Natomas East Main Drainage Canal. TPHd and TPHmo were reported for the composite soil samples at relatively low concentrations up to 56 mg/kg. Pesticides and PCBs were not reported for the composite soil samples collected within this area. PAH compounds were reported for the composite soil samples at concentrations less than the EPA PRGs for residential soil.

Based on the relatively low concentrations of petroleum hydrocarbons and PAHs and the non-detect results of pesticides and PCBs, impacted soil was not encountered within this area that would warrant special health and safety, soil handling or disposal protocols. If stained or odorous soil conditions are encountered during onsite construction excavations, these materials should be isolated, stockpiled and characterized to determine appropriate health and safety and soil disposal options.

6.5 Asbestos in Bridges

NESHAP regulations do not require that asbestos-containing sheet packing (a Category I nonfriable/nonhazardous material) identified during our survey be removed prior to demolition or treated as hazardous waste. However, the disturbance of these materials is still covered by the Cal/OSHA asbestos standard. We recommend that a licensed demolition contractor registered with Cal/OSHA for asbestos-related work (or a licensed and certified asbestos abatement contractor) perform demolition activities if the asbestos-containing materials identified during our survey are left in-place during demolition. Contractors are responsible for segregating and characterizing waste streams prior to disposal. Contractors are responsible for informing the landfill of the contractor's intent to dispose of asbestos-containing waste.

Geocon also recommends the notification of contractors (that will be conducting renovation, demolition, or related activities) of the presence of asbestos in their areas (i.e., provide the contractor[s] with a copy of this report and a list of asbestos removed by asbestos abatement contractor[s] during subsequent abatement activities). Contractors should be instructed not to disturb asbestos during their work.

In accordance with Sacramento Metropolitan Air Quality Management District (SMAQMD) Rule 902, written notification to SMAQMD is required ten working days prior to commencement of *any* demolition activity (whether asbestos is present or not) and for renovation activities involving specified quantities of RACM. In accordance with Title 8, CCR 341.9, written notification to the nearest Cal/OSHA district office is required at least 24 hours prior to certain asbestos-related work. Additional information regarding the asbestos survey is presented in Appendix A.

6.6 Worker Protection

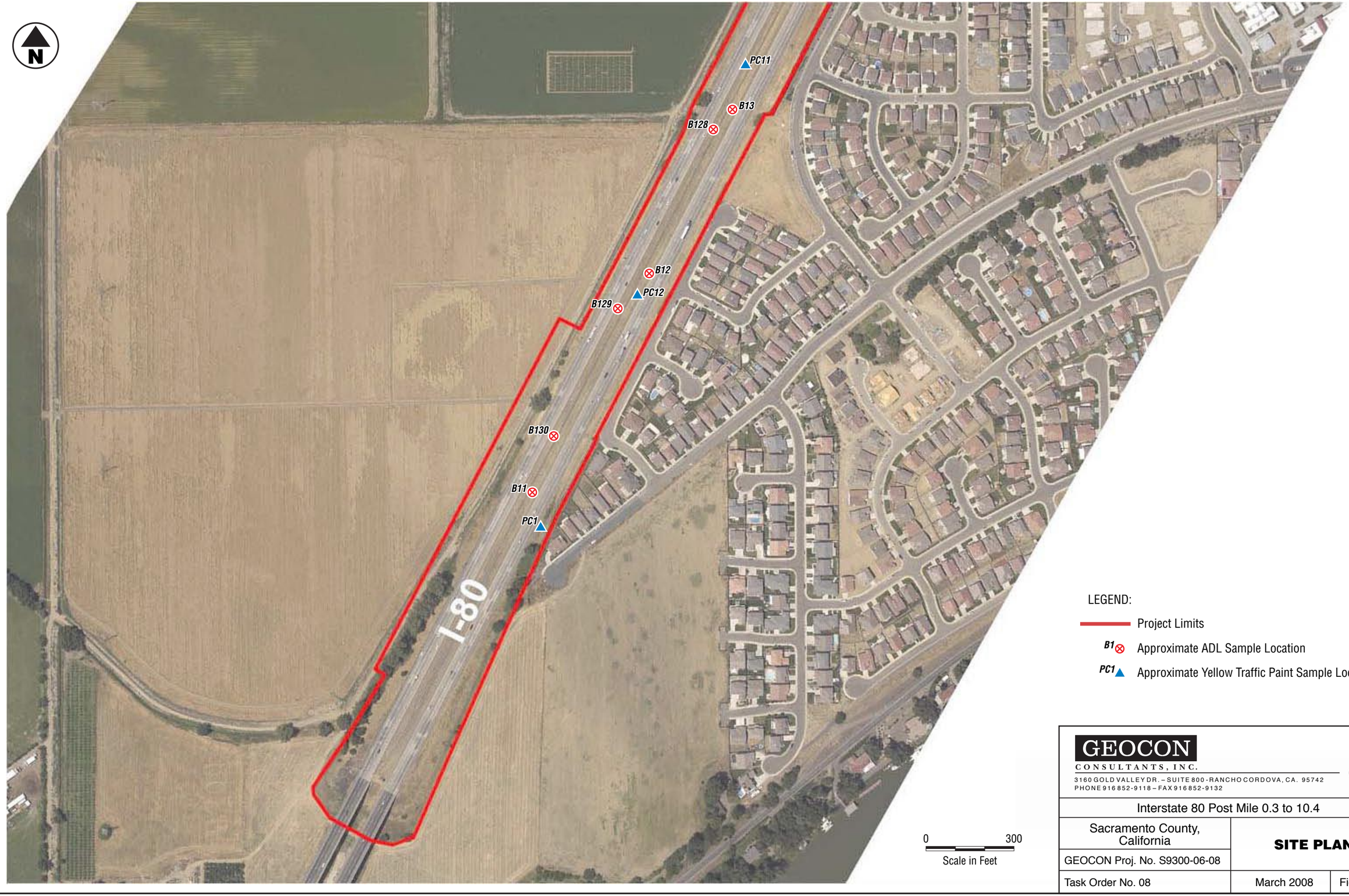
Per Caltrans requirements, the contractor(s) should prepare a project-specific Lead Compliance Plan (CCR Title 8, Section 1532.1, the "Lead in Construction" standard) to minimize worker exposure to lead-impacted soil. The plan should include protocols for environmental and personnel monitoring, requirements for personal protective equipment, and other health and safety protocols and procedures for the handling of lead-impacted soil.

Since material at the Site contains lead and/or chromium and according to Caltrans, the yellow thermoplastic and yellow paint may produce toxic fumes when heated, we recommend that a health and safety plan be prepared to minimize worker exposure. The health and safety plan should include a discussion of the constituents of concern, routes of exposure, permissible exposure limits, and personal protective measures. The health and safety plan should be reviewed and signed by the onsite construction workers prior to any field activities. We also recommend that contractors on the Site grinding asphalt which has been coated with yellow paint prepare a dust control plan. The dust control plan should include dust mitigation and monitoring procedures.

7.0 REPORT LIMITATIONS

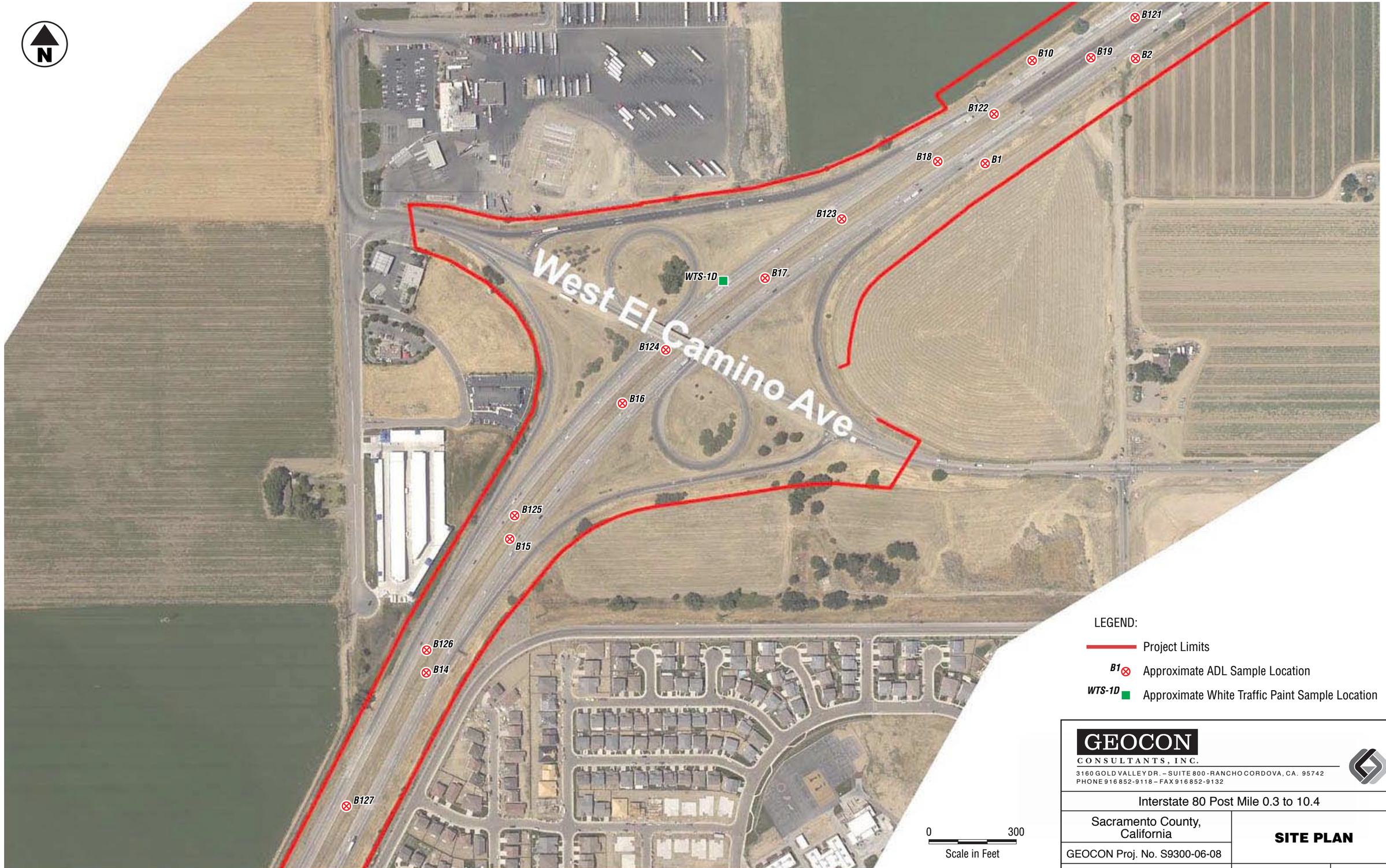
This report has been prepared exclusively for Caltrans. The information contained herein is only valid as of the date of the report, and will require an update to reflect additional information obtained.

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 be deemed conclusive with respect to only the information obtained. We make no warranty, express or implied, with respect to the content of this report or any subsequent reports, correspondence or consultation. 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.



GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR. – SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 852-9132

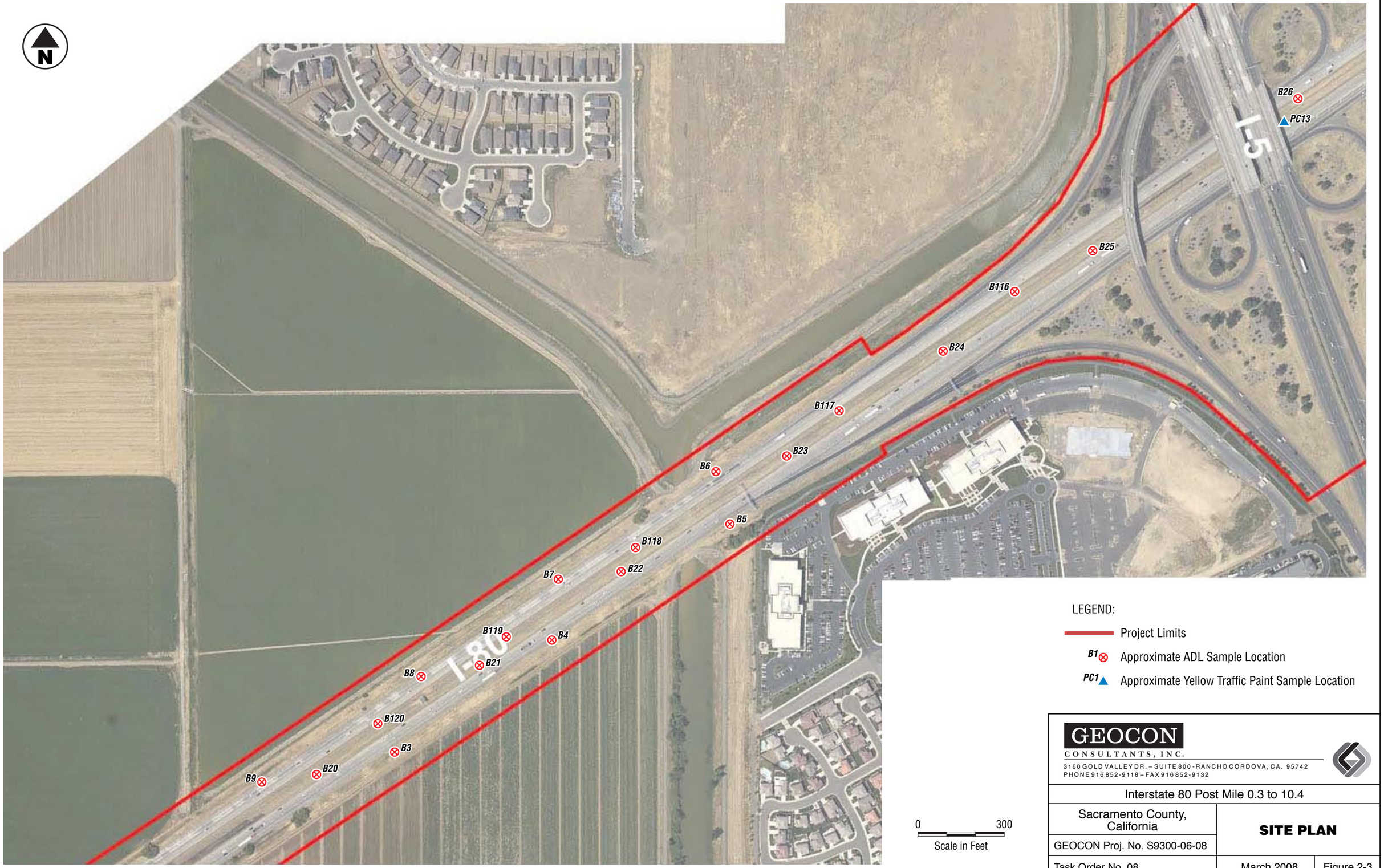
Interstate 80 Post Mile 0.3 to 10.4		
Sacramento County, California	**SITE PLAN**	
GEOCON Proj. No. S9300-06-08		
Task Order No. 08	March 2008	Figure 2-1



GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR. – SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 852-9132

Interstate 80 Post Mile 0.3 to 10.4

Sacramento County, California	**SITE PLAN**	
GEOCON Proj. No. S9300-06-08		
Task Order No. 08	March 2008	Figure 2-2



GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR. – SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 852-9132

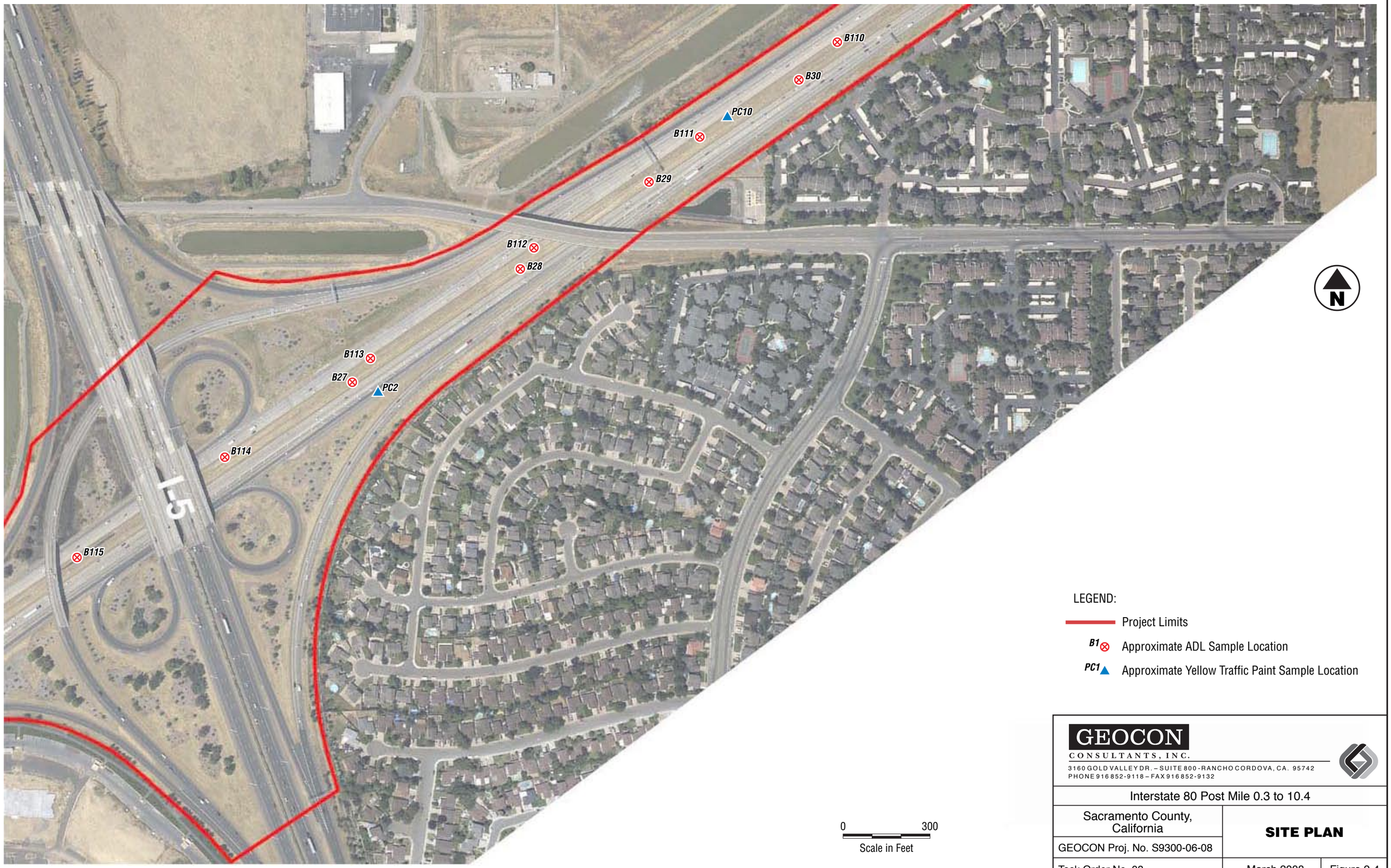
Interstate 80 Post Mile 0.3 to 10.4

Sacramento County, California

GEOCON Proj. No. S9300-06-08

SITE PLAN

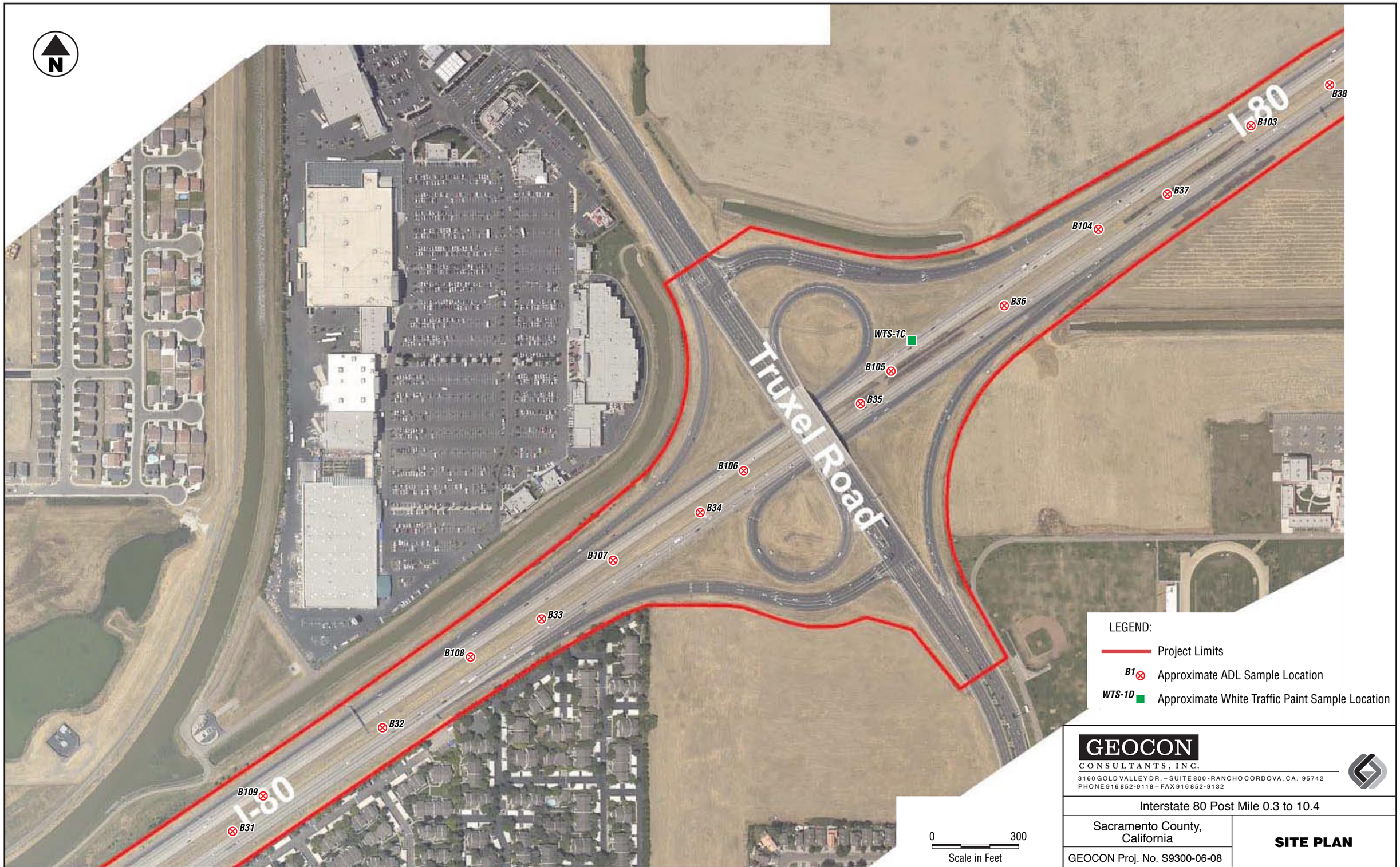
Task Order No. 08 | March 2008 | Figure 2-3



GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR. – SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 852-9132

Interstate 80 Post Mile 0.3 to 10.4

Sacramento County, California	**SITE PLAN**	
GEOCON Proj. No. S9300-06-08		
Task Order No. 08	March 2008	Figure 2-4



GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR. – SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 852-9132

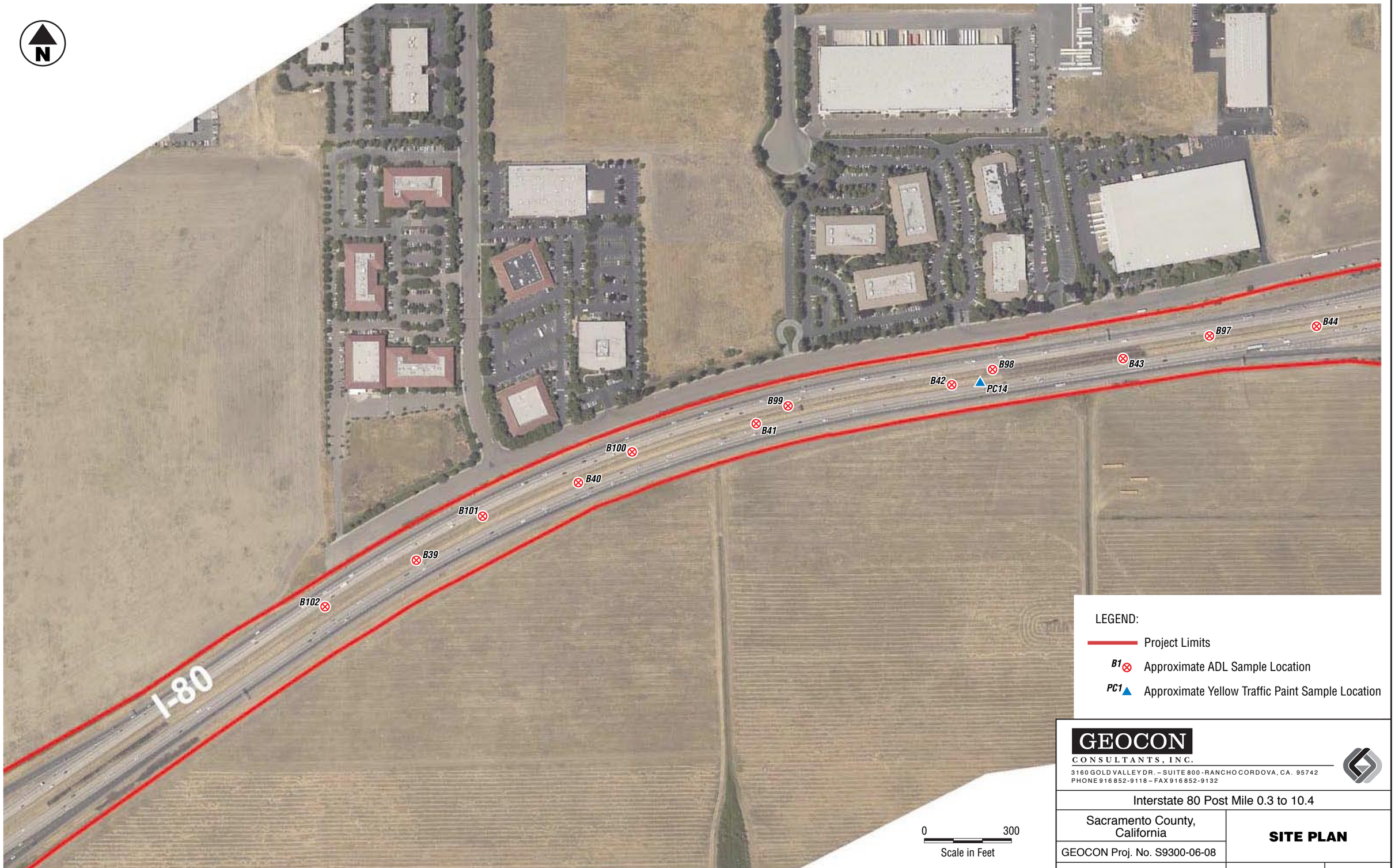
Interstate 80 Post Mile 0.3 to 10.4

Sacramento County, California

GEOCON Proj. No. S9300-06-08

SITE PLAN

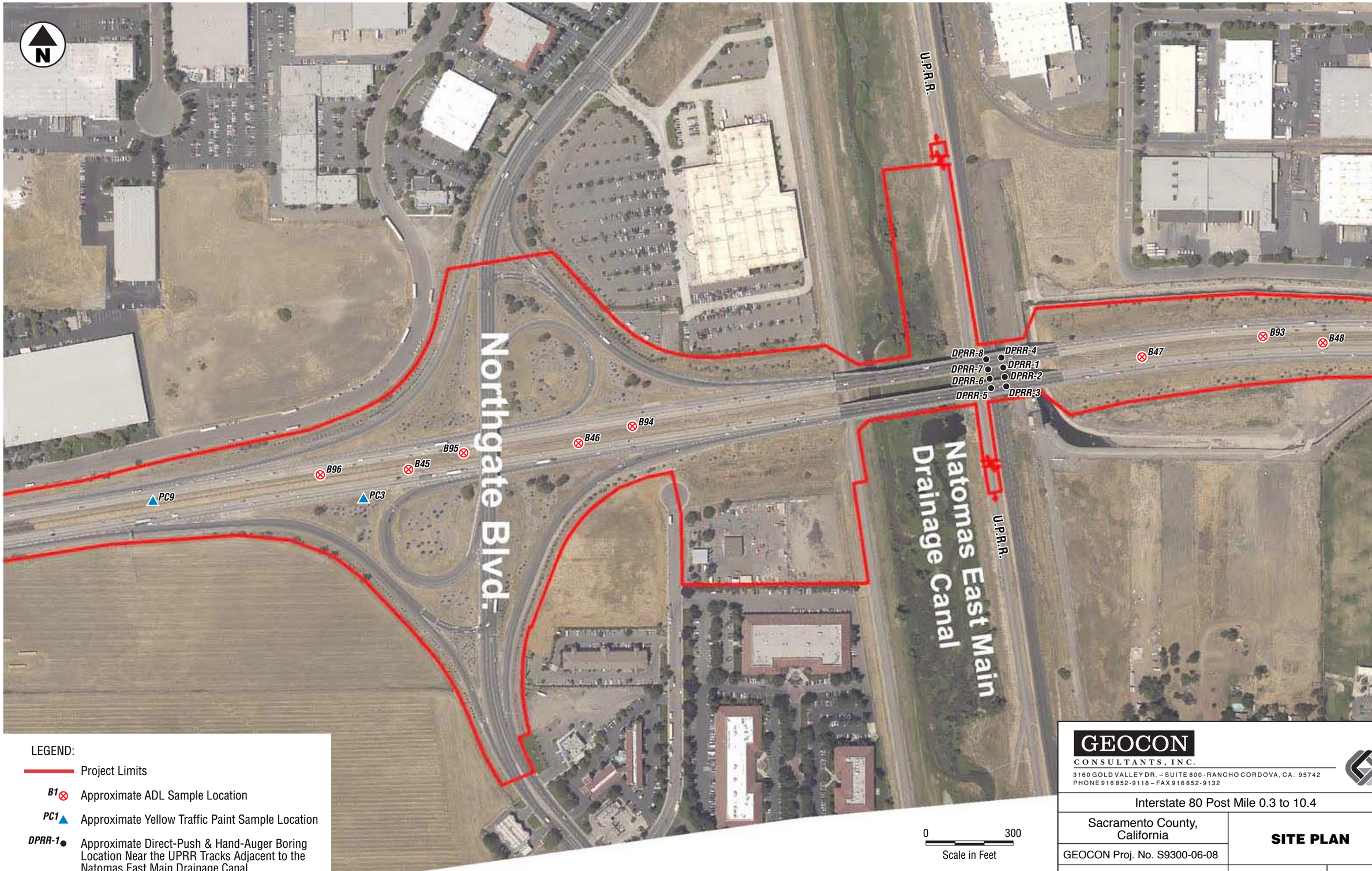
Task Order No. 08 | March 2008 | Figure 2-5



GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR. – SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 852-9132

Interstate 80 Post Mile 0.3 to 10.4

Sacramento County, California	**SITE PLAN**	
GEOCON Proj. No. S9300-06-08		
Task Order No. 08	March 2008	Figure 2-6



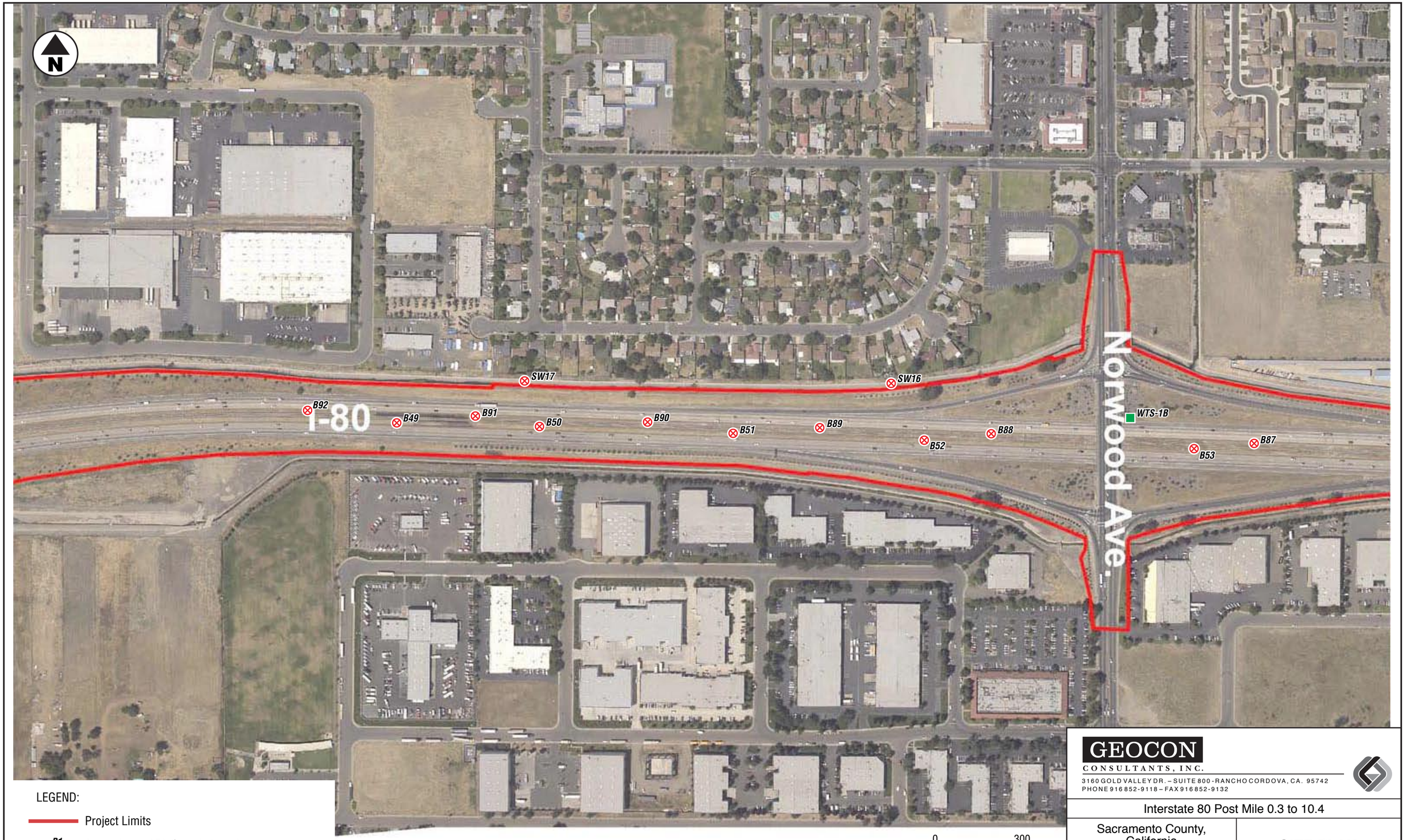
LEGEND:

- Project Limits
- B1 ⊗ Approximate ADL Sample Location
- PC1 ▲ Approximate Yellow Traffic Paint Sample Location
- DPRR-1 ● Approximate Direct-Push & Hand-Auger Boring Location Near the UPRR Tracks Adjacent to the Natomas East Main Drainage Canal

GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR. – SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 852-9132

Interstate 80 Post Mile 0.3 to 10.4

Sacramento County, California	**SITE PLAN**	
GEOCON Proj. No. S9300-06-08		
Task Order No. 08	March 2008	Figure 2-7



LEGEND:

Project Limits

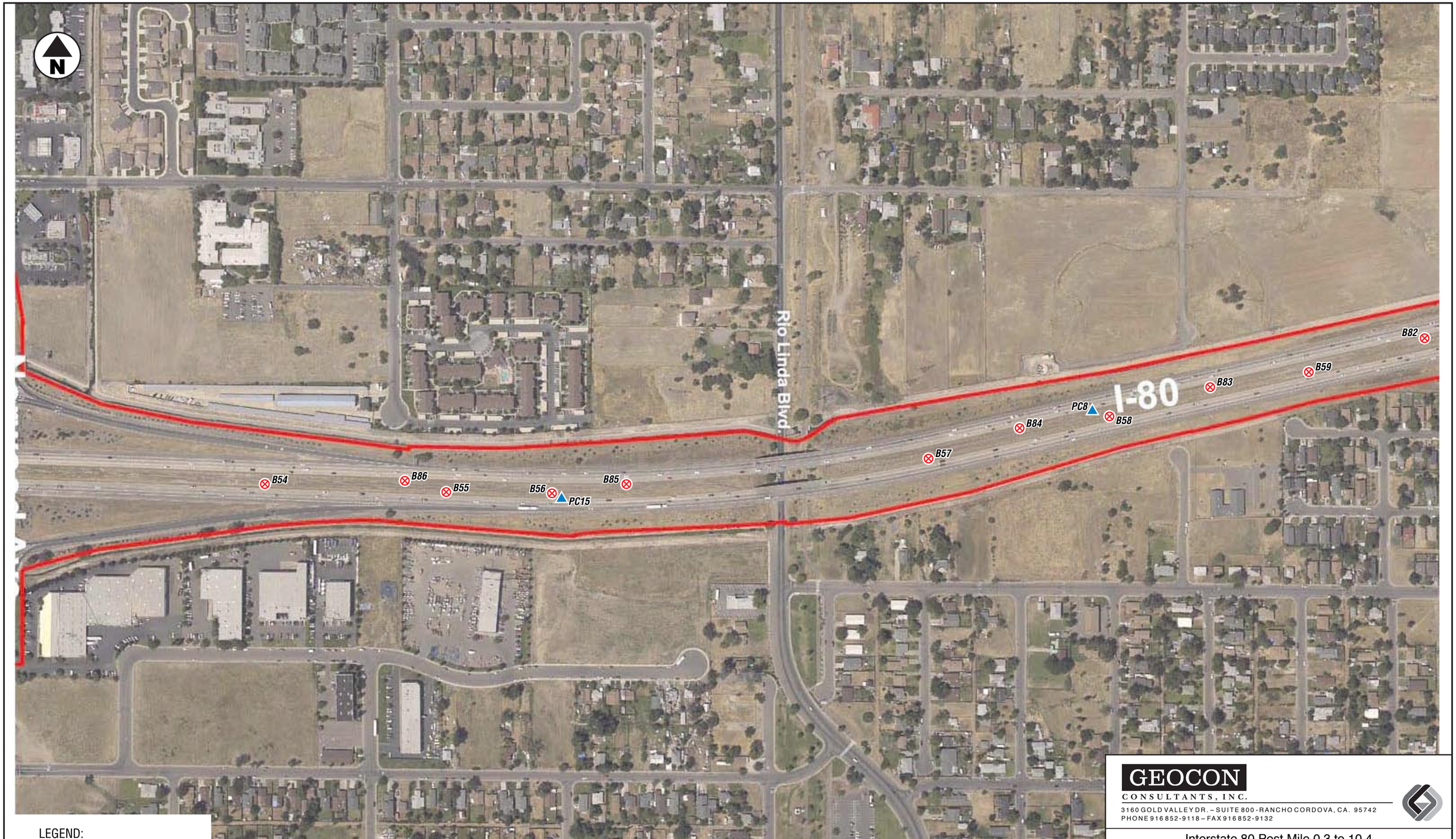
B1 ⊗ Approximate ADL Sample Location

WTS-1D ■ Approximate White Traffic Paint Sample Location

GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR. – SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 852-9132

Interstate 80 Post Mile 0.3 to 10.4

Sacramento County, California	**SITE PLAN**	
GEOCON Proj. No. S9300-06-08		
Task Order No. 08	March 2008	Figure 2-8



LEGEND:

Project Limits

B1 ⊗ Approximate ADL Sample Location

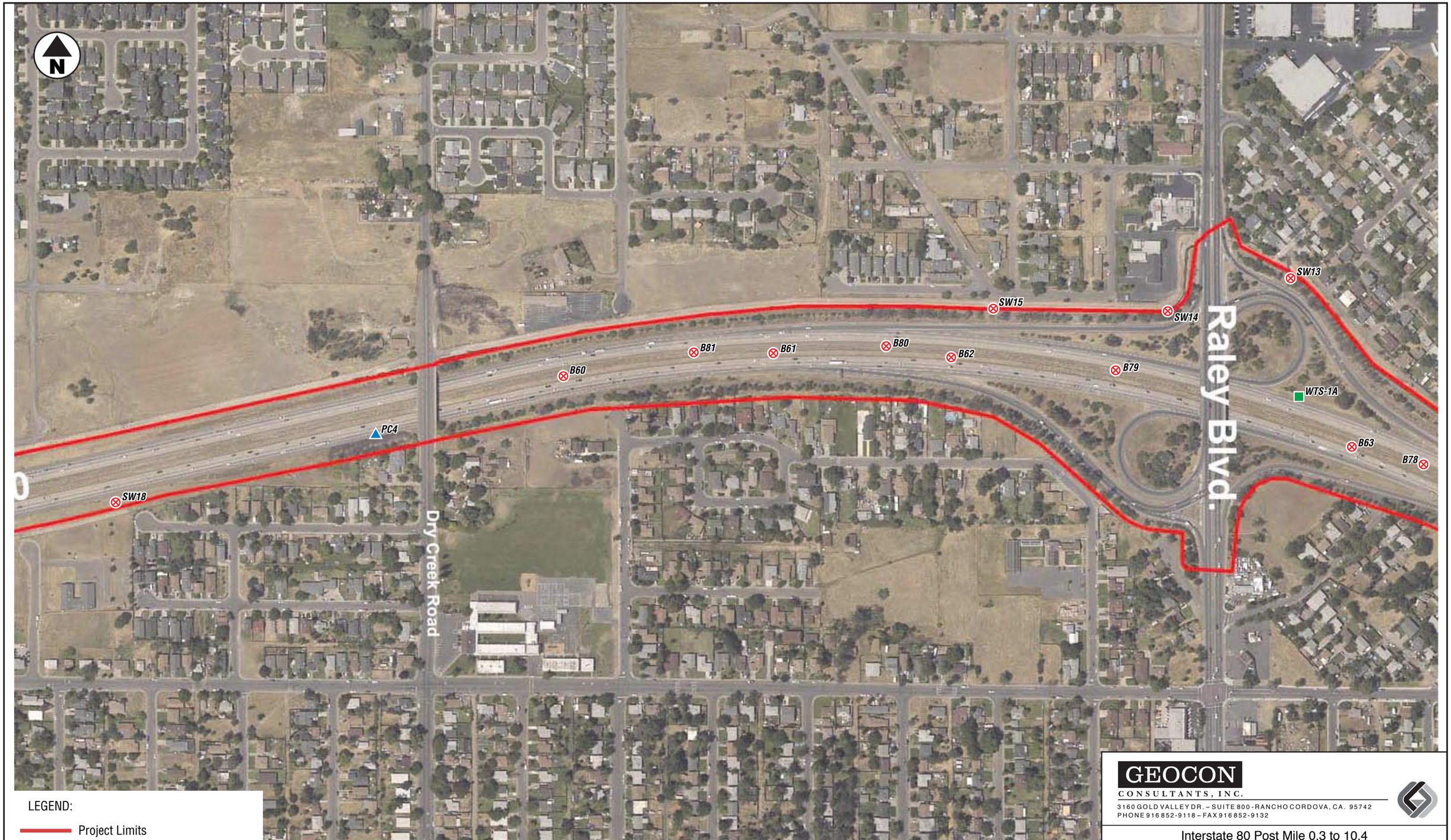
PC1 ▲ Approximate Yellow Traffic Paint Sample Location

0 300
Scale in Feet

GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR. – SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 852-9132

Interstate 80 Post Mile 0.3 to 10.4

Sacramento County, California	**SITE PLAN**	
GEOCON Proj. No. S9300-06-08		
Task Order No. 08	March 2008	Figure 2-9



LEGEND:

- Project Limits
- B1 ⊗ Approximate ADL Sample Location
- PC1 ▲ Approximate Yellow Traffic Paint Sample Location
- WTS-1D ■ Approximate White Traffic Paint Sample Location

0 300
Scale in Feet

GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR. – SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 852-9132

Interstate 80 Post Mile 0.3 to 10.4

Sacramento County, California	**SITE PLAN**	
GEOCON Proj. No. S9300-06-08		
Task Order No. 08	March 2008	Figure 2-10

LEGEND:

Project Limits

B1 Approximate ADL Sample Location

PC1 Approximate Yellow Traffic Paint Sample Location

0 300
Scale in Feet

GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR. – SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 852-9132

Interstate 80 Post Mile 0.3 to 10.4

Sacramento County, California

SITE PLAN

GEOCON Proj. No. S9300-06-08

Task Order No. 08 | March 2008 | Figure 2-11

LEGEND:

- Project Limits
- B1 ⊗ Approximate ADL Sample Location
- PC1 ▲ Approximate Yellow Traffic Paint Sample Location
- DPLB-B2 ⊙ Approximate Petroleum Hydrocarbon Sampling Location

0 300
Scale in Feet

GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR. – SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 852-9132

Interstate 80 Post Mile 0.3 to 10.4

Sacramento County, California	**SITE PLAN**	
GEOCON Proj. No. S9300-06-08		
Task Order No. 08	March 2008	Figure 2-12

GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR. – SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 852-9132

Interstate 80 Post Mile 0.3 to 10.4

Sacramento County, California

GEOCON Proj. No. S9300-06-08

SITE PLAN

Task Order No. 08 | March 2008 | Figure 2-13

TABLE 1
SUMMARY OF SOIL BORING AND TRAFFIC PAINT SAMPLE COORDINATES *
CALTRANS TASK ORDER NO. 8
INTERSTATE 80 POST MILE 0.3 TO 10.4
SACRAMENTO COUNTY, CALIFORNIA

BORING I.D.	BORING METHOD	BORING DEPTH (in feet)	SAMPLE DATE	SAMPLE ID	SAMPLE DEPTH (in feet)	LATITUDE	LONGITUDE
B1	DIRECT-PUSH	3	7/11/2007	B1-0.0	0	38.616925169	-121.531875253
	DIRECT-PUSH	3	7/11/2007	B1-1.0	1		
	DIRECT-PUSH	3	7/11/2007	B1-2.0	2		
B2	DIRECT-PUSH	3	7/11/2007	B2-0.0	0	38.618059873	-121.529830052
	DIRECT-PUSH	3	7/11/2007	B2-1.0	1		
	DIRECT-PUSH	3	7/11/2007	B2-2.0	2		
B3	DIRECT-PUSH	3	7/11/2007	B3-0.0	0	38.619102740	-121.527823775
	DIRECT-PUSH	3	7/11/2007	B3-1.0	1		
	DIRECT-PUSH	3	7/11/2007	B3-2.0	2		
B4	DIRECT-PUSH	3	7/11/2007	B4-0.0	0	38.620147145	-121.525883714
	DIRECT-PUSH	3	7/11/2007	B4-1.0	1		
	DIRECT-PUSH	3	7/11/2007	B4-2.0	2		
B5	DIRECT-PUSH	3	7/11/2007	B5-0.0	0	38.621282981	-121.523651796
	DIRECT-PUSH	3	7/11/2007	B5-1.0	1		
	DIRECT-PUSH	3	7/11/2007	B5-2.0	2		
B6	DIRECT-PUSH	3	7/11/2007	B6-0.0	0	38.622075246	-121.523211934
	DIRECT-PUSH	3	7/11/2007	B6-1.0	1		
	DIRECT-PUSH	3	7/11/2007	B6-2.0	2		
B7	DIRECT-PUSH	3	7/11/2007	B7-0.0	0	38.620999636	-121.525206056
	DIRECT-PUSH	3	7/11/2007	B7-1.0	1		
	DIRECT-PUSH	3	7/11/2007	B7-2.0	2		
B8	DIRECT-PUSH	3	7/11/2007	B8-0.0	0	38.619930054	-121.527218448
	DIRECT-PUSH	3	7/11/2007	B8-1.0	1		
	DIRECT-PUSH	3	7/11/2007	B8-2.0	2		
B9	DIRECT-PUSH	3	7/11/2007	B9-0.0	0	38.618921677	-121.529026829
	DIRECT-PUSH	3	7/11/2007	B9-1.0	1		
	DIRECT-PUSH	3	7/11/2007	B9-2.0	2		
B10	DIRECT-PUSH	3	7/11/2007	B10-0.0	0	38.617990575	-121.530930773
	DIRECT-PUSH	3	7/11/2007	B10-1.0	1		
	DIRECT-PUSH	3	7/11/2007	B10-2.0	2		
B11	DIRECT-PUSH	3	7/11/2007	B11-0.0	0	38.606138050	-121.542614550
	DIRECT-PUSH	3	7/11/2007	B11-1.0	1		
	DIRECT-PUSH	3	7/11/2007	B11-2.0	2		
B12	DIRECT-PUSH	3	7/11/2007	B12-0.0	0	38.608005126	-121.541313091
	DIRECT-PUSH	3	7/11/2007	B12-1.0	1		
	DIRECT-PUSH	3	7/11/2007	B12-2.0	2		
B13	DIRECT-PUSH	3	7/11/2007	B13-0.0	0	38.609366825	-121.540436225
	DIRECT-PUSH	3	7/11/2007	B13-1.0	1		
	DIRECT-PUSH	3	7/11/2007	B13-2.0	2		
B14	DIRECT-PUSH	3	7/11/2007	B14-0.0	0	38.612049353	-121.538586202
	DIRECT-PUSH	3	7/11/2007	B14-1.0	1		
	DIRECT-PUSH	3	7/11/2007	B14-2.0	2		
B15	DIRECT-PUSH	3	7/11/2007	B15-0.0	0	38.613438343	-121.537519979
	DIRECT-PUSH	3	7/11/2007	B15-1.0	1		
	DIRECT-PUSH	3	7/11/2007	B15-2.0	2		
B16	DIRECT-PUSH	3	7/11/2007	B16-0.0	0	38.614669875	-121.536143189
	DIRECT-PUSH	3	7/11/2007	B16-1.0	1		
	DIRECT-PUSH	3	7/11/2007	B16-2.0	2		

TABLE 1
SUMMARY OF SOIL BORING AND TRAFFIC PAINT SAMPLE COORDINATES *
CALTRANS TASK ORDER NO. 8
INTERSTATE 80 POST MILE 0.3 TO 10.4
SACRAMENTO COUNTY, CALIFORNIA

BORING I.D.	BORING METHOD	BORING DEPTH (in feet)	SAMPLE DATE	SAMPLE ID	SAMPLE DEPTH (in feet)	LATITUDE	LONGITUDE
B17	DIRECT-PUSH	3	7/11/2007	B17-0.0	0	38.615876584	-121.534395204
	DIRECT-PUSH	3	7/11/2007	B17-1.0	1		
	DIRECT-PUSH	3	7/11/2007	B17-2.0	2		
B18	DIRECT-PUSH	3	7/11/2007	B18-0.0	0	38.616901419	-121.532429450
	DIRECT-PUSH	3	7/11/2007	B18-1.0	1		
	DIRECT-PUSH	3	7/11/2007	B18-2.0	2		
B19	DIRECT-PUSH	3	7/11/2007	B19-0.0	0	38.617859524	-121.530645476
	DIRECT-PUSH	3	7/11/2007	B19-1.0	1		
	DIRECT-PUSH	3	7/11/2007	B19-2.0	2		
B20	DIRECT-PUSH	3	7/11/2007	B20-0.0	0	38.618946808	-121.528526688
	DIRECT-PUSH	3	7/11/2007	B20-1.0	1		
	DIRECT-PUSH	3	7/11/2007	B20-2.0	2		
B21	DIRECT-PUSH	3	7/11/2007	B21-0.0	0	38.619887760	-121.526787564
	DIRECT-PUSH	3	7/11/2007	B21-1.0	1		
	DIRECT-PUSH	3	7/11/2007	B21-2.0	2		
B22	DIRECT-PUSH	3	7/11/2007	B22-0.0	0	38.620969369	-121.524692422
	DIRECT-PUSH	3	7/11/2007	B22-1.0	1		
	DIRECT-PUSH	3	7/11/2007	B22-2.0	2		
B23	DIRECT-PUSH	3	7/11/2007	B23-0.0	0	38.621998968	-121.522751427
	DIRECT-PUSH	3	7/11/2007	B23-1.0	1		
	DIRECT-PUSH	3	7/11/2007	B23-2.0	2		
B24	DIRECT-PUSH	3	7/11/2007	B24-0.0	0	38.623006316	-121.520831415
	DIRECT-PUSH	3	7/11/2007	B24-1.0	1		
	DIRECT-PUSH	3	7/11/2007	B24-2.0	2		
B25	DIRECT-PUSH	3	7/11/2007	B25-0.0	0	38.624021381	-121.518918635
	DIRECT-PUSH	3	7/11/2007	B25-1.0	1		
	DIRECT-PUSH	3	7/11/2007	B25-2.0	2		
B26	DIRECT-PUSH	3	7/12/2007	B26-0.0	0	38.625283892	-121.516597595
	DIRECT-PUSH	3	7/12/2007	B26-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B26-2.0	2		
B27	DIRECT-PUSH	3	7/12/2007	B27-0.0	0	38.626027088	-121.515049062
	DIRECT-PUSH	3	7/12/2007	B27-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B27-2.0	2		
B28	DIRECT-PUSH	3	7/12/2007	B28-0.0	0	38.627017994	-121.513281305
	DIRECT-PUSH	3	7/12/2007	B28-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B28-2.0	2		
B29	DIRECT-PUSH	3	7/12/2007	B29-0.0	0	38.628005347	-121.511316789
	DIRECT-PUSH	3	7/12/2007	B29-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B29-2.0	2		
B30	DIRECT-PUSH	3	7/12/2007	B30-0.0	0	38.629015328	-121.509494566
	DIRECT-PUSH	3	7/12/2007	B30-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B30-2.0	2		
B31	DIRECT-PUSH	3	7/12/2007	B31-0.0	0	38.629975728	-121.507553006
	DIRECT-PUSH	3	7/12/2007	B31-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B31-2.0	2		
B32	DIRECT-PUSH	3	7/12/2007	B32-0.0	0	38.631001636	-121.505702799
	DIRECT-PUSH	3	7/12/2007	B32-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B32-2.0	2		

TABLE 1
SUMMARY OF SOIL BORING AND TRAFFIC PAINT SAMPLE COORDINATES *
CALTRANS TASK ORDER NO. 8
INTERSTATE 80 POST MILE 0.3 TO 10.4
SACRAMENTO COUNTY, CALIFORNIA

BORING I.D.	BORING METHOD	BORING DEPTH (in feet)	SAMPLE DATE	SAMPLE ID	SAMPLE DEPTH (in feet)	LATITUDE	LONGITUDE
B33	DIRECT-PUSH	3	7/12/2007	B33-0.0	0	38.632004618	-121.503762602
	DIRECT-PUSH	3	7/12/2007	B33-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B33-2.0	2		
B34	DIRECT-PUSH	3	7/12/2007	B34-0.0	0	38.633005073	-121.501879631
	DIRECT-PUSH	3	7/12/2007	B34-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B34-2.0	2		
B35	DIRECT-PUSH	3	7/12/2007	B35-0.0	0	38.634010499	-121.499948464
	DIRECT-PUSH	3	7/12/2007	B35-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B35-2.0	2		
B36	DIRECT-PUSH	3	7/12/2007	B36-0.0	0	38.634997811	-121.498075329
	DIRECT-PUSH	3	7/12/2007	B36-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B36-2.0	2		
B37	DIRECT-PUSH	3	7/12/2007	B37-0.0	0	38.636001818	-121.496180756
	DIRECT-PUSH	3	7/12/2007	B37-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B37-2.0	2		
B38	DIRECT-PUSH	3	7/12/2007	B38-0.0	0	38.636997733	-121.494296980
	DIRECT-PUSH	3	7/12/2007	B38-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B38-2.0	2		
B39	DIRECT-PUSH	3	7/12/2007	B39-0.0	0	38.637932361	-121.492431289
	DIRECT-PUSH	3	7/12/2007	B39-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B39-2.0	2		
B40	DIRECT-PUSH	3	7/12/2007	B40-0.0	0	38.638753719	-121.490317403
	DIRECT-PUSH	3	7/12/2007	B40-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B40-2.0	2		
B41	DIRECT-PUSH	3	7/12/2007	B41-0.0	0	38.639362115	-121.488052346
	DIRECT-PUSH	3	7/12/2007	B41-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B41-2.0	2		
B42	DIRECT-PUSH	3	7/12/2007	B42-0.0	0	38.639716949	-121.485683095
	DIRECT-PUSH	3	7/12/2007	B42-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B42-2.0	2		
B43	DIRECT-PUSH	3	7/12/2007	B43-0.0	0	38.639953389	-121.483576100
	DIRECT-PUSH	3	7/12/2007	B43-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B43-2.0	2		
B44	DIRECT-PUSH	3	7/12/2007	B44-0.0	0	38.640221938	-121.481320358
	DIRECT-PUSH	3	7/12/2007	B44-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B44-2.0	2		
B45	DIRECT-PUSH	3	7/12/2007	B45-0.0	0	38.640507122	-121.479029224
	DIRECT-PUSH	3	7/12/2007	B45-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B45-2.0	2		
B46	DIRECT-PUSH	3	7/12/2007	B46-0.0	0	38.640757905	-121.476908342
	DIRECT-PUSH	3	7/12/2007	B46-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B46-2.0	2		
B47	DIRECT-PUSH	3	7/12/2007	B47-0.0	0	NA	NA
	DIRECT-PUSH	3	7/12/2007	B47-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B47-2.0	2		
B48	DIRECT-PUSH	3	7/12/2007	B48-0.0	0	NA	NA
	DIRECT-PUSH	3	7/12/2007	B48-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B48-2.0	2		

TABLE 1
SUMMARY OF SOIL BORING AND TRAFFIC PAINT SAMPLE COORDINATES *
CALTRANS TASK ORDER NO. 8
INTERSTATE 80 POST MILE 0.3 TO 10.4
SACRAMENTO COUNTY, CALIFORNIA

BORING I.D.	BORING METHOD	BORING DEPTH (in feet)	SAMPLE DATE	SAMPLE ID	SAMPLE DEPTH (in feet)	LATITUDE	LONGITUDE
B49	DIRECT-PUSH	3	7/12/2007	B49-0.0	0	NA	NA
	DIRECT-PUSH	3	7/12/2007	B49-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B49-2.0	2		
B50	DIRECT-PUSH	3	7/12/2007	B50-0.0	0	38.641593658	-121.463302107
	DIRECT-PUSH	3	7/12/2007	B50-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B50-2.0	2		
B51	DIRECT-PUSH	3	7/12/2007	B51-0.0	0	38.641505560	-121.460839138
	DIRECT-PUSH	3	7/12/2007	B51-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B51-2.0	2		
B52	DIRECT-PUSH	3	7/12/2007	B52-0.0	0	38.641457658	-121.458828033
	DIRECT-PUSH	3	7/12/2007	B52-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B52-2.0	2		
B53	DIRECT-PUSH	3	7/12/2007	B53-0.0	0	38.641350391	-121.455642293
	DIRECT-PUSH	3	7/12/2007	B53-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B53-2.0	2		
B54	DIRECT-PUSH	3	7/12/2007	B54-0.0	0	38.641296442	-121.454086953
	DIRECT-PUSH	3	7/12/2007	B54-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B54-2.0	2		
B55	DIRECT-PUSH	3	7/12/2007	B55-0.0	0	38.641198421	-121.451774330
	DIRECT-PUSH	3	7/12/2007	B55-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B55-2.0	2		
B56	DIRECT-PUSH	3	7/12/2007	B56-0.0	0	38.641172984	-121.450296392
	DIRECT-PUSH	3	7/12/2007	B56-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B56-2.0	2		
B57	DIRECT-PUSH	3	7/12/2007	B57-0.0	0	38.641519807	-121.445891750
	DIRECT-PUSH	3	7/12/2007	B57-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B57-2.0	2		
B58	DIRECT-PUSH	3	7/12/2007	B58-0.0	0	38.641844286	-121.443944382
	DIRECT-PUSH	3	7/12/2007	B58-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B58-2.0	2		
B59	DIRECT-PUSH	3	7/12/2007	B59-0.0	0	38.642234332	-121.441669650
	DIRECT-PUSH	3	7/12/2007	B59-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B59-2.0	2		
B60	DIRECT-PUSH	3	7/12/2007	B60-0.0	0	38.642994908	-121.437228328
	DIRECT-PUSH	3	7/12/2007	B60-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B60-2.0	2		
B61	DIRECT-PUSH	3	7/12/2007	B61-0.0	0	38.643238304	-121.434909696
	DIRECT-PUSH	3	7/12/2007	B61-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B61-2.0	2		
B62	DIRECT-PUSH	3	7/12/2007	B62-0.0	0	38.643246016	-121.432867319
	DIRECT-PUSH	3	7/12/2007	B62-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B62-2.0	2		
B63	DIRECT-PUSH	3	7/12/2007	B63-0.0	0	38.642317076	-121.427276138
	DIRECT-PUSH	3	7/12/2007	B63-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B63-2.0	2		
B64	DIRECT-PUSH	3	7/12/2007	B64-0.0	0	38.641560913	-121.425239506
	DIRECT-PUSH	3	7/12/2007	B64-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B64-2.0	2		

TABLE 1
SUMMARY OF SOIL BORING AND TRAFFIC PAINT SAMPLE COORDINATES *
CALTRANS TASK ORDER NO. 8
INTERSTATE 80 POST MILE 0.3 TO 10.4
SACRAMENTO COUNTY, CALIFORNIA

BORING I.D.	BORING METHOD	BORING DEPTH (in feet)	SAMPLE DATE	SAMPLE ID	SAMPLE DEPTH (in feet)	LATITUDE	LONGITUDE
B65	DIRECT-PUSH	3	7/12/2007	B65-0.0	0	38.640595826	-121.423252764
	DIRECT-PUSH	3	7/12/2007	B65-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B65-2.0	2		
B66	DIRECT-PUSH	3	7/12/2007	B66-0.0	0	38.639654329	-121.421354297
	DIRECT-PUSH	3	7/12/2007	B66-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B66-2.0	2		
B67	DIRECT-PUSH	1	7/12/2007	B67-0.0	0	38.638293580	-121.418473778
B68	DIRECT-PUSH	3	7/12/2007	B68-0.0	0	38.637646591	-121.416165518
	DIRECT-PUSH	3	7/12/2007	B68-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B68-2.0	2		
B69	DIRECT-PUSH	3	7/12/2007	B69-0.0	0	38.637374126	-121.414006077
	DIRECT-PUSH	3	7/12/2007	B69-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B69-2.0	2		
B70	DIRECT-PUSH	3	7/12/2007	B70-0.0	0	38.642964417	-121.393295426
	DIRECT-PUSH	3	7/12/2007	B70-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B70-2.0	2		
B71	DIRECT-PUSH	3	7/12/2007	B71-0.0	0	38.643722027	-121.390663495
	DIRECT-PUSH	3	7/12/2007	B71-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B71-2.0	2		
B72	DIRECT-PUSH	3	7/12/2007	B72-0.0	0	38.637398314	-121.413485963
	DIRECT-PUSH	3	7/12/2007	B72-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B72-2.0	2		
B73	DIRECT-PUSH	3	7/12/2007	B73-0.0	0	38.637641164	-121.415961134
	DIRECT-PUSH	3	7/12/2007	B73-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B73-2.0	2		
B74	DIRECT-PUSH	3	7/12/2007	B74-0.0	0	NA	NA
	DIRECT-PUSH	3	7/12/2007	B74-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B74-2.0	2		
B75	DIRECT-PUSH	3	7/12/2007	B75-0.0	0	38.639901521	-121.421747011
	DIRECT-PUSH	3	7/12/2007	B75-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B75-2.0	2		
B76	DIRECT-PUSH	3	7/12/2007	B76-0.0	0	38.640524069	-121.423007834
	DIRECT-PUSH	3	7/12/2007	B76-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B76-2.0	2		
B77	DIRECT-PUSH	3	7/12/2007	B77-0.0	0	38.641401628	-121.424896469
	DIRECT-PUSH	3	7/12/2007	B77-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B77-2.0	2		
B78	DIRECT-PUSH	2	7/12/2007	B78-0.0	0	38.642181046	-121.426845126
	DIRECT-PUSH	2	7/12/2007	B78-1.0	1		
B79	DIRECT-PUSH	3	7/12/2007	B79-0.0	0	38.643012719	-121.430297458
	DIRECT-PUSH	3	7/12/2007	B79-1.0	1		
	DIRECT-PUSH	3	7/12/2007	B79-2.0	2		
B80	DIRECT-PUSH	3	7/13/2007	B80-0.0	0	38.643273501	-121.432491447
	DIRECT-PUSH	3	7/13/2007	B80-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B80-2.0	2		
B81	DIRECT-PUSH	3	7/13/2007	B81-0.0	0	38.643290404	-121.434683742
	DIRECT-PUSH	3	7/13/2007	B81-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B81-2.0	2		

TABLE 1
SUMMARY OF SOIL BORING AND TRAFFIC PAINT SAMPLE COORDINATES *
CALTRANS TASK ORDER NO. 8
INTERSTATE 80 POST MILE 0.3 TO 10.4
SACRAMENTO COUNTY, CALIFORNIA

BORING I.D.	BORING METHOD	BORING DEPTH (in feet)	SAMPLE DATE	SAMPLE ID	SAMPLE DEPTH (in feet)	LATITUDE	LONGITUDE
B82	DIRECT-PUSH	3	7/13/2007	B82-0.0	0	38.642543063	-121.440139197
	DIRECT-PUSH	3	7/13/2007	B82-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B82-2.0	2		
B83	DIRECT-PUSH	3	7/13/2007	B83-0.0	0	38.642059481	-121.443014878
	DIRECT-PUSH	3	7/13/2007	B83-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B83-2.0	2		
B84	DIRECT-PUSH	3	7/13/2007	B84-0.0	0	38.641682629	-121.445260961
	DIRECT-PUSH	3	7/13/2007	B84-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B84-2.0	2		
B85	DIRECT-PUSH	3	7/13/2007	B85-0.0	0	38.641235897	-121.449846334
	DIRECT-PUSH	3	7/13/2007	B85-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B85-2.0	2		
B86	DIRECT-PUSH	3	7/13/2007	B86-0.0	0	38.641302259	-121.452338284
	DIRECT-PUSH	3	7/13/2007	B86-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B86-2.0	2		
B87	DIRECT-PUSH	3	7/13/2007	B87-0.0	0	38.641382461	-121.455328295
	DIRECT-PUSH	3	7/13/2007	B87-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B87-2.0	2		
B88	DIRECT-PUSH	3	7/13/2007	B88-0.0	0	38.641479685	-121.458159679
	DIRECT-PUSH	3	7/13/2007	B88-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B88-2.0	2		
B89	DIRECT-PUSH	3	7/13/2007	B89-0.0	0	38.641558638	-121.460547903
	DIRECT-PUSH	3	7/13/2007	B89-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B89-2.0	2		
B90	DIRECT-PUSH	3	7/13/2007	B90-0.0	0	38.641617701	-121.462864270
	DIRECT-PUSH	3	7/13/2007	B90-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B90-2.0	2		
B91	DIRECT-PUSH	3	7/13/2007	B91-0.0	0	38.641698973	-121.465120703
	DIRECT-PUSH	3	7/13/2007	B91-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B91-2.0	2		
B92	DIRECT-PUSH	3	7/13/2007	B92-0.0	0	38.641746698	-121.467376457
	DIRECT-PUSH	3	7/13/2007	B92-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B92-2.0	2		
B93	DIRECT-PUSH	3	7/13/2007	B93-0.0	0	38.641737176	-121.468499781
	DIRECT-PUSH	3	7/13/2007	B93-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B93-2.0	2		
B94	DIRECT-PUSH	3	7/13/2007	B94-0.0	0	38.640921357	-121.475993905
	DIRECT-PUSH	3	7/13/2007	B94-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B94-2.0	2		
B95	DIRECT-PUSH	3	7/13/2007	B95-0.0	0	38.640634417	-121.478400440
	DIRECT-PUSH	3	7/13/2007	B95-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B95-2.0	2		
B96	DIRECT-PUSH	3	7/13/2007	B96-0.0	0	38.640341904	-121.480758099
	DIRECT-PUSH	3	7/13/2007	B96-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B96-2.0	2		
B97	DIRECT-PUSH	3	7/13/2007	B97-0.0	0	38.640077496	-121.483075074
	DIRECT-PUSH	3	7/13/2007	B97-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B97-2.0	2		

TABLE 1
SUMMARY OF SOIL BORING AND TRAFFIC PAINT SAMPLE COORDINATES *
CALTRANS TASK ORDER NO. 8
INTERSTATE 80 POST MILE 0.3 TO 10.4
SACRAMENTO COUNTY, CALIFORNIA

BORING I.D.	BORING METHOD	BORING DEPTH (in feet)	SAMPLE DATE	SAMPLE ID	SAMPLE DEPTH (in feet)	LATITUDE	LONGITUDE
B98	DIRECT-PUSH	3	7/13/2007	B98-0.0	0	38.639795398	-121.485386549
	DIRECT-PUSH	3	7/13/2007	B98-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B98-2.0	2		
B99	DIRECT-PUSH	3	7/13/2007	B99-0.0	0	38.639466736	-121.487723808
	DIRECT-PUSH	3	7/13/2007	B9--1.0	1		
	DIRECT-PUSH	3	7/13/2007	B9--2.0	2		
B100	DIRECT-PUSH	3	7/13/2007	B100-0.0	0	38.638979782	-121.489757034
	DIRECT-PUSH	3	7/13/2007	B100-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B100-2.0	2		
B101	DIRECT-PUSH	3	7/13/2007	B101-0.0	0	38.637983364	-121.492462454
	DIRECT-PUSH	3	7/13/2007	B101-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B101-2.0	2		
B102	DIRECT-PUSH	3	7/13/2007	B102-0.0	0	38.637268616	-121.493866444
	DIRECT-PUSH	3	7/13/2007	B102-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B102-2.0	2		
B103	DIRECT-PUSH	3	7/13/2007	B103-0.0	0	38.636275881	-121.495770207
	DIRECT-PUSH	3	7/13/2007	B103-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B103-2.0	2		
B104	DIRECT-PUSH	3	7/13/2007	B104-0.0	0	38.635275442	-121.497668590
	DIRECT-PUSH	3	7/13/2007	B104-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B104-2.0	2		
B105	DIRECT-PUSH	3	7/13/2007	B105-0.0	0	38.634246008	-121.499638392
	DIRECT-PUSH	3	7/13/2007	B105-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B105-2.0	2		
B106	DIRECT-PUSH	3	7/13/2007	B106-0.0	0	38.633287276	-121.501448465
	DIRECT-PUSH	3	7/13/2007	B106-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B106-2.0	2		
B107	DIRECT-PUSH	3	7/13/2007	B107-0.0	0	38.632261988	-121.503381319
	DIRECT-PUSH	3	7/13/2007	B107-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B107-2.0	2		
B108	DIRECT-PUSH	3	7/13/2007	B108-0.0	0	38.631266481	-121.505290793
	DIRECT-PUSH	3	7/13/2007	B108-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B108-2.0	2		
B109	DIRECT-PUSH	3	7/13/2007	B109-0.0	0	38.630242422	-121.507246350
	DIRECT-PUSH	3	7/13/2007	B109-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B109-2.0	2		
B110	DIRECT-PUSH	3	7/13/2007	B110-0.0	0	38.629303844	-121.509019034
	DIRECT-PUSH	3	7/13/2007	B110-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B110-2.0	2		
B111	DIRECT-PUSH	3	7/13/2007	B111-0.0	0	38.628279317	-121.510972053
	DIRECT-PUSH	3	7/13/2007	B111-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B111-2.0	2		
B112	DIRECT-PUSH	3	7/13/2007	B112-0.0	0	38.627261118	-121.512890713
	DIRECT-PUSH	3	7/13/2007	B112-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B112-2.0	2		
B113	DIRECT-PUSH	3	7/13/2007	B113-0.0	0	38.626262201	-121.514764090
	DIRECT-PUSH	3	7/13/2007	B113-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B113-2.0	2		

TABLE 1
SUMMARY OF SOIL BORING AND TRAFFIC PAINT SAMPLE COORDINATES *
CALTRANS TASK ORDER NO. 8
INTERSTATE 80 POST MILE 0.3 TO 10.4
SACRAMENTO COUNTY, CALIFORNIA

BORING I.D.	BORING METHOD	BORING DEPTH (in feet)	SAMPLE DATE	SAMPLE ID	SAMPLE DEPTH (in feet)	LATITUDE	LONGITUDE
B114	DIRECT-PUSH	3	7/13/2007	B114-0.0	0	38.625327362	-121.516584827
	DIRECT-PUSH	3	7/13/2007	B114-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B114-2.0	2		
B115	DIRECT-PUSH	3	7/13/2007	B115-0.0	0	38.624303875	-121.518486223
	DIRECT-PUSH	3	7/13/2007	B115-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B115-2.0	2		
B116	DIRECT-PUSH	3	7/13/2007	B116-0.0	0	38.623312121	-121.520396304
	DIRECT-PUSH	3	7/13/2007	B116-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B116-2.0	2		
B117	DIRECT-PUSH	3	7/13/2007	B117-0.0	0	38.622267931	-121.522371944
	DIRECT-PUSH	3	7/13/2007	B117-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B117-2.0	2		
B118	DIRECT-PUSH	3	7/13/2007	B118-0.0	0	38.621107934	-121.524600956
	DIRECT-PUSH	3	7/13/2007	B118-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B118-2.0	2		
B119	DIRECT-PUSH	3	7/13/2007	B119-0.0	0	38.620259458	-121.526219393
	DIRECT-PUSH	3	7/13/2007	B119-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B119-2.0	2		
B120	DIRECT-PUSH	3	7/13/2007	B120-0.0	0	38.619280970	-121.528044104
	DIRECT-PUSH	3	7/13/2007	B120-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B120-2.0	2		
B121	DIRECT-PUSH	3	7/13/2007	B121-0.0	0	38.618103895	-121.530279462
	DIRECT-PUSH	3	7/13/2007	B121-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B121-2.0	2		
B122	DIRECT-PUSH	3	7/13/2007	B122-0.0	0	38.617278245	-121.531861577
	DIRECT-PUSH	3	7/13/2007	B122-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B122-2.0	2		
B123	DIRECT-PUSH	3	7/13/2007	B123-0.0	0	38.616304021	-121.533708581
	DIRECT-PUSH	3	7/13/2007	B123-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B123-2.0	2		
B124	DIRECT-PUSH	3	7/13/2007	B124-0.0	0	38.615045299	-121.535766069
	DIRECT-PUSH	3	7/13/2007	B124-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B124-2.0	2		
B125	DIRECT-PUSH	3	7/13/2007	B125-0.0	0	38.613908016	-121.537127863
	DIRECT-PUSH	3	7/13/2007	B125-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B125-2.0	2		
B126	DIRECT-PUSH	3	7/13/2007	B126-0.0	0	38.612397159	-121.538445271
	DIRECT-PUSH	3	7/13/2007	B126-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B126-2.0	2		
B127	DIRECT-PUSH	3	7/13/2007	B127-0.0	0	38.610827671	-121.539520911
	DIRECT-PUSH	3	7/13/2007	B127-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B127-2.0	2		
B128	DIRECT-PUSH	3	7/13/2007	B128-0.0	0	38.609329976	-121.540547153
	DIRECT-PUSH	3	7/13/2007	B128-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B128-2.0	2		
B129	DIRECT-PUSH	3	7/13/2007	B129-0.0	0	38.607745462	-121.541600339
	DIRECT-PUSH	3	7/13/2007	B129-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B129-2.0	2		

TABLE 1
SUMMARY OF SOIL BORING AND TRAFFIC PAINT SAMPLE COORDINATES *
CALTRANS TASK ORDER NO. 8
INTERSTATE 80 POST MILE 0.3 TO 10.4
SACRAMENTO COUNTY, CALIFORNIA

BORING I.D.	BORING METHOD	BORING DEPTH (in feet)	SAMPLE DATE	SAMPLE ID	SAMPLE DEPTH (in feet)	LATITUDE	LONGITUDE
B130	DIRECT-PUSH	3	7/13/2007	B130-0.0	0	38.606536152	-121.542415318
	DIRECT-PUSH	3	7/13/2007	B130-1.0	1		
	DIRECT-PUSH	3	7/13/2007	B130-2.0	2		
SW1	HAND-AUGER	1	7/3/2007	SW1-0.0	0	NA	NA
SW2	HAND-AUGER	1.5	7/3/2007	SW2-0.0	0	38.638706631	-121.420329407
	HAND-AUGER	1.5	7/3/2007	SW2-1.0	1		
SW3	HAND-AUGER	3	7/3/2007	SW3-0.0	0	NA	NA
	HAND-AUGER	3	7/3/2007	SW3-1.0	1		
	HAND-AUGER	3	7/3/2007	SW3-2.0	2		
SW4	HAND-AUGER	3	7/3/2007	SW4-0.0	0	38.638394777	-121.419658723
	HAND-AUGER	3	7/3/2007	SW4-1.0	1		
	HAND-AUGER	3	7/3/2007	SW4-2.0	2		
SW5	DIRECT-PUSH	3	7/3/2007	SW5-0.0	0	38.637204736	-121.416532485
	DIRECT-PUSH	3	7/3/2007	SW5-1.0	1		
	DIRECT-PUSH	3	7/3/2007	SW5-2.0	2		
SW6	DIRECT-PUSH	3	7/3/2007	SW6-0.0	0	38.636616366	-121.412643010
	DIRECT-PUSH	3	7/3/2007	SW6-1.0	1		
	DIRECT-PUSH	3	7/3/2007	SW6-2.0	2		
SW7	DIRECT-PUSH	2.2	7/3/2007	SW7-0.0	0	38.638016513	-121.412139698
	DIRECT-PUSH	2.2	7/3/2007	SW7-1.0	1		
	DIRECT-PUSH	2.2	7/3/2007	SW7-2.0	2		
SW8	DIRECT-PUSH	3	7/3/2007	SW8-0.0	0	38.637952782	-121.415274497
	DIRECT-PUSH	3	7/3/2007	SW8-1.0	1		
	DIRECT-PUSH	3	7/3/2007	SW8-2.0	2		
SW9	HAND-AUGER	2	7/3/2007	SW9-0.0	0	38.638758271	-121.418457714
	HAND-AUGER	2	7/3/2007	SW9-1.0	1		
SW10	HAND-AUGER	3	7/3/2007	SW10-0.0	0	38.639751866	-121.420656046
	HAND-AUGER	3	7/3/2007	SW10-1.0	1		
	HAND-AUGER	3	7/3/2007	SW10-2.0	2		
SW11	HAND-AUGER	1	7/3/2007	SW11-0.0	0	38.640548267	-121.422240820
SW12	HAND-AUGER	3	7/3/2007	SW12-0.0	0	NA	NA
	HAND-AUGER	3	7/3/2007	SW12-1.0	1		
	HAND-AUGER	3	7/3/2007	SW12-2.0	2		
SW13	DIRECT-PUSH	3	7/3/2007	SW13-0.0	0	38.643913900	-121.428502406
	DIRECT-PUSH	3	7/3/2007	SW13-1.0	1		
	DIRECT-PUSH	3	7/3/2007	SW13-2.0	2		
SW14	DIRECT-PUSH	1.8	7/3/2007	SW14-0.0	0	38.643517897	-121.430082521
	DIRECT-PUSH	1.8	7/3/2007	SW14-1.0	1		
SW15	DIRECT-PUSH	3	7/3/2007	SW15-0.0	0	38.643596673	-121.431728983
	DIRECT-PUSH	3	7/3/2007	SW15-1.0	1		
	DIRECT-PUSH	3	7/3/2007	SW15-2.0	2		
SW16	DIRECT-PUSH	3	7/3/2007	SW16-0.0	0	38.641823420	-121.459950437
	DIRECT-PUSH	3	7/3/2007	SW16-1.0	1		
	DIRECT-PUSH	3	7/3/2007	SW16-2.0	2		
SW17	DIRECT-PUSH	3	7/3/2007	SW17-0.0	0	38.641886398	-121.463962875
	DIRECT-PUSH	3	7/3/2007	SW17-1.0	1		
	DIRECT-PUSH	3	7/3/2007	SW17-2.0	2		

TABLE 1
SUMMARY OF SOIL BORING AND TRAFFIC PAINT SAMPLE COORDINATES *
CALTRANS TASK ORDER NO. 8
INTERSTATE 80 POST MILE 0.3 TO 10.4
SACRAMENTO COUNTY, CALIFORNIA

BORING I.D.	BORING METHOD	BORING DEPTH (in feet)	SAMPLE DATE	SAMPLE ID	SAMPLE DEPTH (in feet)	LATITUDE	LONGITUDE
SW18	DIRECT-PUSH	3	7/3/2007	SW18-0.0	0	38.641948568	-121.441771361
	DIRECT-PUSH	3	7/3/2007	SW18-1.0	1		
	DIRECT-PUSH	3	7/3/2007	SW18-2.0	2		
DP1-RT	DIRECT-PUSH	12	7/30/2007	DP1-2-RT	2	38.637488295	-121.405098415
	DIRECT-PUSH	12	7/30/2007	DP1-4-RT	4		
	DIRECT-PUSH	12	7/30/2007	DP1-8-RT	8		
	DIRECT-PUSH	12	7/30/2007	DP1-11.5-RT	11.5		
DP2-RT	DIRECT-PUSH	12	7/30/2007	DP2-2-RT	2	38.637394041	-121.404643114
	DIRECT-PUSH	12	7/30/2007	DP2-4-RT	4		
	DIRECT-PUSH	12	7/30/2007	DP2-8-RT	8		
	DIRECT-PUSH	12	7/30/2007	DP2-11.5-RT	11.5		
DP3-RT	DIRECT-PUSH	12	7/30/2007	DP3-2-RT	2	38.637390085	-121.404197989
	DIRECT-PUSH	12	7/30/2007	DP3-4-RT	4		
	DIRECT-PUSH	12	7/30/2007	DP3-8-RT	8		
	DIRECT-PUSH	12	7/30/2007	DP3-11.5-RT	11.5		
DP4-RT	DIRECT-PUSH	12	7/30/2007	DP4-2-RT	2	38.637562897	-121.403531565
	DIRECT-PUSH	12	7/30/2007	DP4-4-RT	4		
	DIRECT-PUSH	12	7/30/2007	DP4-8-RT	8		
	DIRECT-PUSH	12	7/30/2007	DP4-11.5-RT	11.5		
DPRB-B2	DIRECT-PUSH	12	8/29/2007	DPRB-B2-2	2	38.637350157	-121.407277081
	DIRECT-PUSH	12	8/29/2007	DPRB-B2-4	4		
	DIRECT-PUSH	12	8/29/2007	DPRB-B2-8	8		
	DIRECT-PUSH	12	8/29/2007	DPRB-B2-11.5	11.5		
DPLB-B2	DIRECT-PUSH	12	8/29/2007	DPLB-B2-2	2	38.637540122	-121.407120144
	DIRECT-PUSH	12	8/29/2007	DPLB-B2-4	4		
	DIRECT-PUSH	12	8/29/2007	DPLB-B2-8	8		
	DIRECT-PUSH	12	8/29/2007	DPLB-B2-11.5	11.5		
DPRB-B3	DIRECT-PUSH	12	8/29/2007	DPRB-B3-2	2	38.637361307	-121.407149287
	DIRECT-PUSH	12	8/29/2007	DPRB-B3-4	4		
	DIRECT-PUSH	12	8/29/2007	DPRB-B3-8	8		
	DIRECT-PUSH	12	8/29/2007	DPRB-B3-11.5	11.5		
DPLB-B3	DIRECT-PUSH	12	8/29/2007	DPLB-B3-2	2	38.637596862	-121.406599717
	DIRECT-PUSH	12	8/29/2007	DPLB-B3-4	4		
	DIRECT-PUSH	12	8/29/2007	DPLB-B3-8	8		
	DIRECT-PUSH	12	8/29/2007	DPLB-B3-11.5	11.5		
DPRB-B4	DIRECT-PUSH	12	8/29/2007	DPRB-B4-2	2	38.637389271	-121.406496481
	DIRECT-PUSH	12	8/29/2007	DPRB-B4-4	4		
	DIRECT-PUSH	12	8/29/2007	DPRB-B4-8	8		
	DIRECT-PUSH	12	8/29/2007	DPRB-B4-11.5	11.5		
DPLB-B4	DIRECT-PUSH	12	8/29/2007	DPLB-B4-2	2	38.637723350	-121.406093744
	DIRECT-PUSH	12	8/29/2007	DPLB-B4-4	4		
	DIRECT-PUSH	12	8/29/2007	DPLB-B4-8	8		
	DIRECT-PUSH	12	8/29/2007	DPLB-B4-11.5	11.5		
PC 1						38.605873615	-121.542507217
PC 2						38.626123466	-121.514341466

TABLE 1
SUMMARY OF SOIL BORING AND TRAFFIC PAINT SAMPLE COORDINATES *
CALTRANS TASK ORDER NO. 8
INTERSTATE 80 POST MILE 0.3 TO 10.4
SACRAMENTO COUNTY, CALIFORNIA

BORING I.D.	BORING METHOD	BORING DEPTH (in feet)	SAMPLE DATE	SAMPLE ID	SAMPLE DEPTH (in feet)	LATITUDE	LONGITUDE
PC 3						38.640276188	-121.479147611
PC 4						38.642522287	-121.438859623
PC 5						38.637164029	-121.413210374
PC 6						38.643499547	-121.391675197
PC 7						38.637425463	-121.409686128
PC 8						38.641863432	-121.444290077
PC 9						38.640220699	-121.482093669
PC 10						38.628751429	-121.510136340
PC 11						38.610056996	-121.540052974
PC 12						38.607884540	-121.541360830
PC 13						38.625182633	-121.516706969
PC 14						38.639716949	-121.485683095
PC 15						38.641172984	-121.450296392
PC 16						38.637374126	-121.414006077

Notes: NA = GPS data not available

* Samples were ultimately composited for laboratory analysis; therefore, this spreadsheet is being provided in lieu of the standard Caltrans GIS spreadsheets per contract.

TABLE 2
SUMMARY OF LEAD AND SOIL pH ANALYTICAL RESULTS
CALTRANS TASK ORDER NO. 8
INTERSTATE 80 POST MILE 0.3 TO 10.4
SACRAMENTO COUNTY, CALIFORNIA

SAMPLE I.D.	SAMPLE DATE	TOTAL LEAD (mg/kg)	SOIL pH
B(1,3,5)-0.0	7/11/2007	36.6	6.98
B(1,3,5)-1.0	7/11/2007	16.1	---
B(1,3,5)-2.0	7/11/2007	15.0	---
B(2,4)-0.0	7/11/2007	3.21	---
B(2,4)-1.0	7/11/2007	1.83	---
B(2,4)-2.0	7/11/2007	8.96	---
B(6,8,10)-0.0	7/11/2007	56.6	---
B(6,8,10)-1.0	7/11/2007	4.93	---
B(6,8,10)-2.0	7/11/2007	4.51	---
B(7,9)-0.0	7/11/2007	4.19	---
B(7,9)-1.0	7/11/2007	1.81	---
B(7,9)-2.0	7/11/2007	2.00	7.79
B(11,12,13,14)-0.0	7/11/2007	37.0	---
B(11,12,13,14)-1.0	7/11/2007	6.76	---
B(11,12,13,14)-2.0	7/11/2007	7.94	---
B(15,16,17,18)-0.0	7/11/2007	34.0	---
B(15,16,17,18)-1.0	7/11/2007	2.61	---
B(15,16,17,18)-2.0	7/11/2007	1.87	---
B(19,20,21,22)-0.0	7/11/2007	34.4	---
B(19,20,21,22)-1.0	7/11/2007	5.22	---
B(19,20,21,22)-2.0	7/11/2007	3.00	---
B(23,24,25)-0.0	7/11/2007	13.4	---
B(23,24,25)-1.0	7/11/2007	3.72	---
B(23,24,25)-2.0	7/11/2007	4.39	8.78
B(26,28,30,32)-0.0	7/12/2007	36.0	---
B(26,28,30,32)-1.0	7/12/2007	5.45	---
B(26,28,30,32)-2.0	7/12/2007	4.29	---
B(27,29,31,33)-0.0	7/12/2007	52.0	---
B(27,29,31,33)-1.0	7/12/2007	4.44	---
B(27,29,31,33)-2.0	7/12/2007	5.02	---
B(34,36,38,41)-0.0	7/12/2007	39.5	---
B(34,36,38,41)-1.0	7/12/2007	6.46	---
B(34,36,38,41)-2.0	7/12/2007	4.67	8.48
B(35,37,39,40)-0.0	7/12/2007	58.2	---
B(35,37,39,40)-1.0	7/12/2007	5.64	---
B(35,37,39,40)-2.0	7/12/2007	5.73	---

TABLE 2
SUMMARY OF LEAD AND SOIL pH ANALYTICAL RESULTS
CALTRANS TASK ORDER NO. 8
INTERSTATE 80 POST MILE 0.3 TO 10.4
SACRAMENTO COUNTY, CALIFORNIA

SAMPLE I.D.	SAMPLE DATE	TOTAL LEAD (mg/kg)	SOIL pH
B(42,44,46,47)-0.0	7/12/2007	30.4	---
B(42,44,46,47)-1.0	7/12/2007	5.11	---
B(42,44,46,47)-2.0	7/12/2007	4.42	---
B(43,45,48,50)-0.0	7/12/2007	77.9	---
B(43,45,48,50)-1.0	7/12/2007	22.1	---
B(43,45,48,50)-2.0	7/12/2007	8.59	---
B(49,51,53,55)-0.0	7/12/2007	32.5	---
B(49,51,53,55)-1.0	7/12/2007	3.52	8.52
B(49,51,53,55)-2.0	7/12/2007	4.55	---
B(52,54,56)-0.0	7/12/2007	50.8	---
B(52,54,56)-1.0	7/12/2007	3.71	---
B(52,54,56)-2.0	7/12/2007	3.57	---
B(57,59,61)-0.0	7/12/2007	41.7	---
B(57,59,61)-1.0	7/12/2007	3.38	---
B(57,59,61)-2.0	7/12/2007	4.10	---
B(58,60,62)-0.0	7/12/2007	36.9	---
B(58,60,62)-1.0	7/12/2007	3.26	8.13
B(58,60,62)-2.0	7/12/2007	3.29	---
B(63,65,67)-0.0	7/12/2007	38.3	---
B(63,65)-1.0	7/12/2007	22.0	---
B(63,65)-2.0	7/12/2007	4.44	---
B(64,66,68,69)-0.0	7/12/2007	14.7	---
B(64,66,68,69)-1.0	7/12/2007	33.8	---
B(64,66,68,69)-2.0	7/12/2007	22.9	---
B(70,71)-0.0	7/12/2007	21.7	---
B(70,71)-1.0	7/12/2007	21.4	---
B(70,71)-2.0	7/12/2007	35.2	---
B(72,73,74,75)-0.0	7/12/2007	29.7	8.14
B(72,73,74,75)-1.0	7/12/2007	12.4	---
B(72,73,74,75)-2.0	7/12/2007	4.83	---
B(76,77,78,79)-0.0	7/12/2007	17.1	---
B(76,77,78,79)-1.0	7/12/2007	4.90	---
B(76,77,79)-2.0	7/12/2007	3.96	---
B(80,81,82,83)-0.0	7/13/2007	41.4	---
B(80,81,82,83)-1.0	7/13/2007	3.79	8.09
B(80,81,82,83)-2.0	7/13/2007	4.66	---

TABLE 2
SUMMARY OF LEAD AND SOIL pH ANALYTICAL RESULTS
CALTRANS TASK ORDER NO. 8
INTERSTATE 80 POST MILE 0.3 TO 10.4
SACRAMENTO COUNTY, CALIFORNIA

SAMPLE I.D.	SAMPLE DATE	TOTAL LEAD (mg/kg)	SOIL pH
B(84,85,86,87)-0.0	7/13/2007	32.7	---
B(84,85,86,87)-1.0	7/13/2007	4.51	---
B(84,85,86,87)-2.0	7/13/2007	4.14	---
B(88,89,90,91)-0.0	7/13/2007	18.1	---
B(88,89,90,91)-1.0	7/13/2007	4.56	---
B(88,89,90,91)-2.0	7/13/2007	5.12	---
B(92,93,94,95)-0.0	7/13/2007	91.3	---
B(92,93,94,95)-1.0	7/13/2007	4.75	---
B(92,93,94,95)-2.0	7/13/2007	5.11	---
B(96,97,98,99)-0.0	7/13/2007	93.8	---
B(96,97,98,99)-1.0	7/13/2007	11.0	---
B(96,97,98,99)-2.0	7/13/2007	8.42	---
B(100,101,102,103)-0.0	7/13/2007	55.1	7.96
B(100,101,102,103)-1.0	7/13/2007	11.4	---
B(100,101,102,103)-2.0	7/13/2007	6.12	---
B(104,105,106,107)-0.0	7/13/2007	54.1	---
B(104,105,106,107)-1.0	7/13/2007	5.82	---
B(104,105,106,107)-2.0	7/13/2007	4.55	---
B(108,109,110,111)-0.0	7/13/2007	14.4	---
B(108,109,110,111)-1.0	7/13/2007	6.32	8.31
B(108,109,110,111)-2.0	7/13/2007	6.81	---
B(112,113,114,115)-0.0	7/13/2007	22.1	---
B(112,113,114,115)-1.0	7/13/2007	4.66	---
B(112,113,114,115)-2.0	7/13/2007	6.16	---
B(116,117,118,119)-0.0	7/13/2007	33.0	---
B(116,117,118,119)-1.0	7/13/2007	3.09	---
B(116,117,118,119)-2.0	7/13/2007	2.66	---
B(120,121,122,123)-0.0	7/13/2007	9.68	---
B(120,121,122,123)-1.0	7/13/2007	2.34	---
B(120,121,122,123)-2.0	7/13/2007	1.93	7.39
B(124,125,126,127)-0.0	7/13/2007	33.0	---
B(124,125,126,127)-1.0	7/13/2007	2.20	---
B(124,125,126,127)-2.0	7/13/2007	2.01	---
B(128,129,130)-0.0	7/13/2007	64.1	---
B(128,129,130)-1.0	7/13/2007	10.2	---
B(128,129,130)-2.0	7/13/2007	19.9	---

TABLE 2
SUMMARY OF LEAD AND SOIL pH ANALYTICAL RESULTS
CALTRANS TASK ORDER NO. 8
INTERSTATE 80 POST MILE 0.3 TO 10.4
SACRAMENTO COUNTY, CALIFORNIA

SAMPLE I.D.	SAMPLE DATE	TOTAL LEAD (mg/kg)	SOIL pH

Notes:
B(1,3,5)-0.0 - Composite sample identification consisting of discrete soil samples collected from borings B1, B3 and B5 at 0.0 ft depth
WET = Waste Extraction Test
mg/kg = Milligrams per kilogram
--- = Not analyzed

TABLE 3
SUMMARY OF TITLE 22 METALS ANALYTICAL RESULTS
CALTRANS TASK ORDER NO. 8
INTERSTATE 80 POST MILE 0.3 TO 10.4
SACRAMENTO COUNTY, CALIFORNIA

Sample ID	Sample Date	*Antimony*	*Arsenic*	*Barium*	*Beryllium*	*Cadmium*	*Chromium*	*Cobalt*	*Copper*	*Lead*	*Molybdenum*	*Nickel*	*Selenium*	*Silver*	*Thallium*	*Vanadium*	*Zinc*	*Mercury*
		Results Reported as mg/kg																
Soundwall (SW) Areas																		
SW1,SW2,SW3-0.0	7/3/2007	<6.0	3.6	95	<0.30	<0.50	21	8.5	15	19	<5.0	18	<10	<1.0	<10	40	41	0.027
SW2, SW3-1.0	7/3/2007	<6.0	3.0	73	<0.30	<0.50	17	8.0	13	13	<5.0	16	<10	<1.0	<10	33	29	0.016
SW3-2.0	7/3/2007	<6.0	2.2	72	<0.30	<0.50	24	6.4	8.7	18	<5.0	12	<10	<1.0	<10	32	30	0.015
SW4,SW5,SW6-0.0	7/3/2007	<6.0	2.9	104	<0.30	<0.50	26	8.6	16	22	<5.0	23	<10	<1.0	<10	33	59	0.033
SW4,SW5,SW6-1.0	7/3/2007	<6.0	3.8	103	<0.30	<0.50	17	8.2	12	6.9	<5.0	12	<10	<1.0	<10	33	31	0.018
SW4,SW5,SW6-2.0	7/3/2007	<6.0	2.3	61	<0.30	<0.50	18	7.7	7.9	4.0	<5.0	8.2	<10	<1.0	<10	26	13	0.015
SW7,SW8,SW9-0.0	7/3/2007	<6.0	3.1	86	<0.30	<0.50	21	8.1	11	19	<5.0	15	<10	<1.0	<10	26	40	0.042
SW7,SW8,SW9-1.0	7/3/2007	<6.0	2.7	75	<0.30	<0.50	20	7.0	8.7	7.1	<5.0	13	<10	<1.0	<10	27	42	0.024
SW7,SW8-2.0	7/3/2007	<6.0	2.3	127	<0.30	<0.50	27	6.8	9.3	4.4	<5.0	24	<10	<1.0	<10	40	23	0.016
SW10,SW11,SW12-0.0	7/3/2007	<6.0	2.3	93	<0.30	<0.50	26	8.7	14	22	<5.0	33	<10	<1.0	<10	33	42	0.024
SW10,SW12-1.0	7/3/2007	<6.0	2.4	72	<0.30	<0.50	25	6.8	10	12	<5.0	13	<10	<1.0	<10	27	33	0.023
SW10,SW12-2.0	7/3/2007	<6.0	2.1	57	<0.30	<0.50	14	6.0	6.7	4.1	<5.0	6.4	<10	<1.0	<10	19	11	0.018
SW13,SW14,SW15-0.0	7/3/2007	<6.0	2.6	233	<0.30	<0.50	19	7.1	12	12	<5.0	14	<10	<1.0	<10	26	31	0.019
SW13,SW14,SW15-1.0	7/3/2007	<6.0	2.6	115	<0.30	<0.50	18	7.8	12	14	<5.0	14	<10	<1.0	<10	23	32	0.019

TABLE 3
SUMMARY OF TITLE 22 METALS ANALYTICAL RESULTS
CALTRANS TASK ORDER NO. 8
INTERSTATE 80 POST MILE 0.3 TO 10.4
SACRAMENTO COUNTY, CALIFORNIA

Sample ID	Sample Date	*Antimony*	*Arsenic*	*Barium*	*Beryllium*	*Cadmium*	*Chromium*	*Cobalt*	*Copper*	*Lead*	*Molybdenum*	*Nickel*	*Selenium*	*Silver*	*Thallium*	*Vanadium*	*Zinc*	*Mercury*
		Results Reported as mg/kg																
SW13,SW15-2.0	7/3/2007	<6.0	2.9	85	<0.30	<0.50	18	8.1	10	10	<5.0	9.4	<10	<1.0	<10	24	23	0.021
SW16,SW17-0.0	7/3/2007	<6.0	2.4	113	<0.30	0.53	32	9.2	19	13	<5.0	32	<10	<1.0	<10	33	34	<0.010
SW16,SW17-1.0	7/3/2007	<6.0	3.7	134	<0.30	1.2	35	9.4	18	10	<5.0	29	<10	<1.0	<10	34	32	<0.010
SW16,SW17-2.0	7/3/2007	<6.0	3.6	121	<0.30	<0.50	21	7.1	12	4.4	<5.0	14	<10	<1.0	<10	31	21	<0.010
SW18-0.0	7/3/2007	<6.0	2.9	121	<0.30	<0.50	23	8.9	10	14	<5.0	14	<10	<1.0	<10	30	23	0.022
SW18-1.0	7/3/2007	<6.0	2.5	85	<0.30	<0.50	17	8.6	8.2	5.2	<5.0	9.0	<10	<1.0	<10	23	14	0.02
SW18-2.0	7/3/2007	<6.0	<2.0	63	<0.30	<0.50	14	7.5	7.5	5.6	<5.0	7.3	<10	<1.0	<10	20	12	0.018
Sacramento Regional Transit District (RT) Parking Lot																		
DP1 (2,4,8,11.5)-RT	7/30/2007	<6.0	5.5	122	<0.30	<0.50	24	9.6	16	4.4	<5.0	18	<10	<1.0	<10	41	35	<0.010
DP2 (2,4,8,11.5)-RT	7/30/2007	<6.0	4.5	131	<0.30	<0.50	32	13	19	5.1	<5.0	23	<10	<1.0	<10	61	42	<0.010
DP3 (2,4,8,11.5)-RT	7/30/2007	<6.0	2.8	83	<0.30	<0.50	28	9.6	13	4.0	<5.0	16	<10	<1.0	<10	48	32	<0.010
DP4 (2,4,8,11.5)-RT	7/30/2007	<6.0	3.6	233	<0.30	<0.50	27	10	18	5.3	<5.0	23	<10	<1.0	<10	36	38	0.012
UPRR Area Between Grand Avenue and Roseville Road																		
DPRB-B2-(2,4,8,11.5)	8/29/2007	<6.0	4.1	97	<0.30	<0.50	25	9.2	12	4.4	<5.0	17	<10	<1.0	<10	50	30	0.013
DPLB-B2 (2,4,8,11.5)	8/29/2007	<6.0	4.4	105	<0.30	<0.50	30	13	18	5.8	<5.0	22	<10	<1.0	<10	56	40	0.012
DPRB-B3 (2,4.5,8,11.5)	8/29/2007	<6.0	5.9	95	<0.30	<0.50	32	12	20	7.8	<5.0	21	<10	<1.0	<10	50	44	0.021

TABLE 3
SUMMARY OF TITLE 22 METALS ANALYTICAL RESULTS
CALTRANS TASK ORDER NO. 8
INTERSTATE 80 POST MILE 0.3 TO 10.4
SACRAMENTO COUNTY, CALIFORNIA

Sample ID	Sample Date	*Antimony*	*Arsenic*	*Barium*	*Beryllium*	*Cadmium*	*Chromium*	*Cobalt*	*Copper*	*Lead*	*Molybdenum*	*Nickel*	*Selenium*	*Silver*	*Thallium*	*Vanadium*	*Zinc*	*Mercury*
		Results Reported as mg/kg																
DPRB-B4(2,4.5,8.5,11.5)	8/29/2007	<6.0	4.6	87	<0.30	<0.50	24	9.1	9.8	2.9	<5.0	14	<10	<1.0	<10	51	26	0.013
DPLB-B3 (2,4,8,11.5)	8/29/2007	<6.0	5.5	117	<0.30	<0.50	31	12	17	5.8	<5.0	20	<10	<1.0	<10	68	40	0.011
DPLB-B4(2,4,8.5)	8/29/2007	<6.0	4.7	122	<0.30	<0.50	25	11	19	11	<5.0	18	<10	<1.0	<10	50	44	0.026
UPRR Adjacent to Natomas East Main Drainage Canal																		
DPRR-1-1.0,4.0,7.0,10	12/7/2007	<2.0	2.0	88	<1.0	1.4	28	11	22	24	<1.0	16	<1.0	<1.0	<1.0	34	58	<0.1
DPRR-2-1.0,4.0,7.0,10	12/7/2007	<2.0	2.4	120	<1.0	<1.0	27	14	16	24	<1.0	21	<1.0	<1.0	<1.0	42	45	<0.1
DPRR-3-1.0,4.0,7.5,10	12/7/2007	<2.0	2.7	98	<1.0	2.7	38	8.5	17	25	<1.0	18	<1.0	<1.0	<1.0	44	47	<0.1
DPRR-4-1.0,4.5,6.0,10	12/7/2007	<2.0	2.7	89	<1.0	1.5	38	8.2	16	23	<1.0	23	<1.0	<1.0	<1.0	38	35	<0.1
DPRR-5-1.0,4.0	12/7/2007	<2.0	<1.0	170	<1.0	<1.0	27	7.8	12	2.8	<1.0	20	<1.0	<1.0	<1.0	32	22	<0.1
DPRR-6-1.0,4.0,7.0,10	12/7/2007	<2.0	1.6	200	<1.0	<1.0	33	9.1	18	4.0	<1.0	25	<1.0	<1.0	<1.0	45	30	<0.1
DPRR-7-1.0,4.0,7.0	12/7/2007	<2.0	2.2	170	<1.0	<1.0	29	8.6	15	5.0	<1.0	23	<1.0	<1.0	<1.0	46	28	<0.1
DPRR-8-1.0,4.0,7.0	12/7/2007	<2.0	2.4	180	<1.0	<1.0	33	10	20	5.8	<1.0	26	<1.0	<1.0	<1.0	50	33	<0.1
TTLC		500	500	10,000	75	100	2,500	8,000	2,500	1,000	3,500	2,000	100	500	700	2,400	5,000	20
10 x STLC		150	50	1,000	7.5	10	50	800	250	50	3,500	200	10	50	70	240	2,500	2.0

TABLE 3
SUMMARY OF TITLE 22 METALS ANALYTICAL RESULTS
CALTRANS TASK ORDER NO. 8
INTERSTATE 80 POST MILE 0.3 TO 10.4
SACRAMENTO COUNTY, CALIFORNIA

Sample ID	Sample Date	*Antimony*	*Arsenic*	*Barium*	*Beryllium*	*Cadmium*	*Chromium*	*Cobalt*	*Copper*	*Lead*	*Molybdenum*	*Nickel*	*Selenium*	*Silver*	*Thallium*	*Vanadium*	*Zinc*	*Mercury*
		Results Reported as mg/kg																

Notes:
SW1,SW2,SW3-0.0 - Composite sample identification consisting of discrete soil samples collected from soundwall borings SW1, SW2 and SW35 at 0.0 ft depth
mg/kg = Milligrams per kilogram
mg/l = Milligrams per liter
< = Less than the laboratory test method reporting limits
TTLC = Total Threshold Limit Concentrations in mg/kg.
STLC = Soluble Threshold Limit Concentrations in mg/l.
UPRR = Union Pacific Railroad

TABLE 4

SUMMARY OF TRAFFIC STRIPE PAINT SAMPLE ANALYTICAL RESULTS - LEAD AND CHROMIUM

CALTRANS TASK ORDER NO. 8

INTERSTATE 80 POST MILE 0.3 TO 10.4

SACRAMENTO COUNTY, CALIFORNIA

SAMPLE I.D.	SAMPLE DATE	TOTAL LEAD (mg/kg)	CHROMIUM (mg/kg)
PC 1	7/11/2007	4.91	3.12
PC 2	7/11/2007	4.12	33.0
PC 3	7/11/2007	2.43	1.56
PC 4	7/11/2007	4.22	1.60
PC 5	7/11/2007	3.38	1.91
PC 6	7/11/2007	1.70	<1.0
PC 7	7/11/2007	4,390	1,420
PC 8	7/11/2007	967	283
PC 9	7/11/2007	1,340	375
PC 10	7/11/2007	768	204
PC 11	7/11/2007	553	153
PC 12	7/11/2007	569	159
PC 13	7/11/2007	457	128
PC 14	7/11/2007	493	139
PC 15	7/11/2007	350	99.4
PC 16	7/11/2007	1,330	363
WTS-1A	9/6/2007	3.73	<1.0
WTS-1B	9/6/2007	1.17	<1.0
WTS-1C	9/6/2007	40.6	6.23
WTS-1D	9/6/2007	<1.0	<1.0

Notes:
PC 1 = Yellow traffic stripe paint sample identification
WTS-1A = White traffic stripe paint sample identification
mg/kg = Milligrams per kilogram
< = Less than the laboratory method reporting limit

TABLE 5
SUMMARY OF SOIL ANALYTICAL RESULTS - TPHd, TPHmo, PESTICIDES, PCBs, SVOCs, PAHs and SOIL pH
CALTRANS TASK ORDER NO. 8
INTERSTATE 80 POST MILE 0.3 TO 10.4
SACRAMENTO COUNTY, CALIFORNIA

SAMPLE ID	SAMPLE DATE	TPHd (mg/kg)	TPHmo (mg/kg)	PESTICIDES (µg/kg)	PCBs (mg/kg)	SVOCs (µg/kg)	PAHs (mg/kg)	Soil pH
Sacramento Regional Transit District (RT) Parking Lot								
DP1 (2,4,8,11.5)-RT	7/30/2007	<1.0	<10	ND	ND	ND	---	8.43
DP2 (2,4,8,11.5)-RT	7/30/2007	<1.0	<10	ND	ND	ND	---	6.64
DP3 (2,4,8,11.5)-RT	7/30/2007	<1.0	<10	ND	ND	ND	---	7.01
DP4 (2,4,8,11.5)-RT	7/30/2007	<1.0	<10	ND	ND	ND	---	7.08
UPRR Area Between Grand Avenue and Roseville Road								
DPRB-B2 (2,4,8,11.5)	8/31/2007	<1.0	<10	ND	ND	ND	---	8.31
DPLB-B2 (2,4,8,11.5)	8/31/2007	<1.0	<10	ND	ND	ND	---	7.7
DPRB-B3 (2,4.5,8,11.5)	8/31/2007	<1.0	<10	ND	ND	ND	---	7.85
DPRB-B4 (2,4.5,8.5,11.5)	8/31/2007	<1.0	<10	ND	ND	ND	---	7.04
DPLB-B3 (2,4,8,11.5)	8/31/2007	<1.0	<10	ND	ND	ND	---	7.67
DPLB-B4 (2,4,8.5)	8/31/2007	<1.0	<10	ND	ND	ND	---	7.03
UPRR Adjacent to Natomas East Main Drainage Canal								
DPRR-1-1.0,4.0,7.0,10	12/7/2007	26	56	ND	ND	---	0.063 [1], 0.060 [2], 0.041 [3], 0.014 [4, J], 0.043 [6], 0.041 [7], 0.032 [8], 0.040 [10]	8.2
DPRR-2-1.0,4.0,7.0,10	12/7/2007	6.1	15	ND	ND	---	0.022 [1], 0.012 [2, J], 0.042 [3], 0.017 [4, J], 0.030 [5], 0.029 [6], 0.032 [7], 0.033 [8], 0.027 [10]	---
DPRR-3-1.0,4.0,7.5,10	12/7/2007	3.0	5.5	ND	ND	---	0.013 [2,J], 0.011 [3, J], 0.032 [5], 0.029 [8], 0.013 [9, J], 0.032 [10]	---
DPRR-4-1.0,4.5,6.0,10	12/7/2007	20	46	ND	ND	---	ND	---
DPRR-5-1.0,4.0	12/7/2007	1.7	3.6	ND	ND	---	ND	---
DPRR-6-1.0,4.0,7.0,10	12/7/2007	1.7	3.0	ND	ND	---	ND	---
DPRR-7-1.0,4.0,7.0	12/7/2007	1.3	2.3	ND	ND	---	ND	8.4
DPRR-8-1.0,4.0,7.0	12/7/2007	1.6	1.6	ND	ND	---	ND	---

TABLE 5
SUMMARY OF SOIL ANALYTICAL RESULTS - TPHd, TPHmo, PESTICIDES, PCBs, SVOCs, PAHs and SOIL pH
CALTRANS TASK ORDER NO. 8
INTERSTATE 80 POST MILE 0.3 TO 10.4
SACRAMENTO COUNTY, CALIFORNIA

SAMPLE ID	SAMPLE DATE	TPHd (mg/kg)	TPHmo (mg/kg)	PESTICIDES (µg/kg)	PCBs (mg/kg)	SVOCs (µg/kg)	PAHs (mg/kg)	Soil pH

Notes:

DP1 (2,4,8,11.5)-RT = Composite sample identification consisting of discrete soil samples collected from boring DP1 located at the Regional Transit parking lot at depths of 2, 4, 8 and 11.5 feet

TPHd = Total petroleum hydrocarbons as diesel

TPHmo = Total petroleum hydrocarbons as motor oil

PCBs = Polychlorinated biphenyls

SVOCs = Semivolatile organic compounds

PAHs = Polynuclear aromatic hydrocarbons

mg/kg = Milligrams per kilogram

µg/kg = Micrograms per kilogram

< = Less than the laboratory method reporting limits

ND = Not detected above the laboratory method reporting limits

[1] = Benzo(a)anthracene

[2] = Benzo(a)pyrene

[3] = Benzo(b)fluoranthene

[4] = Benzo(k)fluoranthene

[5] = Chrysene

[6] = Indeno(1,2,3-cd)pyrene

[7] = Benzo(g,h,i)perylene

[8] = Fluoranthene

[9] = Phenanthrene

[10] = Pyrene

[J] = Laboratory Data Qualifier: Analyte was detected. However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quatitation Limit (PQL).

UPRR = Union Pacific Railroad

APPENDIX A

PREPARED FOR:

CALIFORNIA DEPARTMENT OF TRANSPORTATION
DISTRICT 3
703 B STREET, P.0. BOX 911
MARYSVILLE, CALIFORNIA

PREPARED BY:

GEOCON CONSULTANTS, INC.
3160 GOLD VALLEY DRIVE, SUITE 800
RANCHO CORDOVA, CALIFORNIA 95742

GEOCON PROJECT NO. S9300-06-08
TASK ORDER NO. 08, EA 03-379700

MARCH 2008

GEOCON
CONSULTANTS, INC.
GEOTECHNICAL ■ ENVIRONMENTAL ■ MATERIALS

Project No. S9300-06-08
March 5, 2008

Mr. Rajive Chadha
California Department of Transportation – District 3
703 B Street
Marysville, California 95901

Subject: INTERSTATE 80 BRIDGES
SACRAMENTO COUNTY, CALIFORNIA
CONTRACT NO. 03A1368
TASK ORDER NO. 8, EA NO. 03-379700
ASBESTOS SURVEY REPORT

Dear Mr. Chadha:

In accordance with California Department of Transportation Contract No. 03A1368 and Task Order No. 8, we have performed an asbestos survey for the subject project in Sacramento County, California. The scope of services included surveying four bridges for suspect asbestos-containing materials, collecting bulk samples, and submitting the samples to a laboratory for analysis.

The accompanying report summarizes the services performed and laboratory analysis.

The contents of this report reflect the views of Geocon Consultants, Inc., who are responsible for the facts and accuracy of the data presented herein. The contents do not necessarily reflect the official views or policies of the State of California or the Federal Highway Administration. This report does not constitute a standard, specification, or regulation.

Please contact us if you have questions concerning the contents of this report or if we may be of further service.

Sincerely,

GEOCON CONSULTANTS, INC.

David A. Watts, CAC
Senior Project Scientist

John E. Juhrend, PE, CEG
Project Manager

DAW:JEJ:jaj

(5 + 3 CDs) Addressee

TABLE OF CONTENTS

ASBESTOS SURVEY REPORT Page

1.0 INTRODUCTION 1
1.1 Project Description 1
1.2 General Objectives 1

2.0 BACKGROUND 1
2.1 Asbestos 1
2.2 Architectural Drawings and Previous Survey Activities 2

3.0 SCOPE OF SERVICES 2

4.0 INVESTIGATIVE RESULTS 3

5.0 RECOMMENDATIONS 4

6.0 REPORT LIMITATIONS 5

FIGURES
1. Vicinity Map
2. Site Plan

PHOTOGRAPHS (1 through 15)

TABLE
1. Summary of Asbestos Results

APPENDIX
A. Analytical Laboratory Reports and Chain-of-custody Documentation

ASBESTOS SURVEY REPORT

1.0 INTRODUCTION

This asbestos survey report was prepared by Geocon Consultants, Inc. under Caltrans Contract No. 03A1368, Task Order No. 8 (TO-8).

1.1 Project Description

The project consists of four twin-span bridges (Bridges 24-0193L/R [Del Paso Park Overhead], 24-0205L/R [Winters Street Undercrossing], 24-0203L/R [Del Paso Heights Overhead], and 24-0218L/R [Natomas East Canal Overhead]) located on Interstate 80 (I-80) between Post Miles 0.3 and 10.4 in Sacramento County, California. We performed asbestos survey activities at the project location. The project location is depicted on the Vicinity Map, Figure 1, and Site Plan, Figure 2.

1.2 General Objectives

The purpose of the scope of services outlined in TO-8 was to determine the presence and quantity of asbestos at the bridge locations prior to I-80 improvement activities. Caltrans will use the information obtained from this investigation for waste profiling, determining California Occupational Safety and Health Administration (Cal/OSHA) applicability, and coordinating asbestos disturbance activities.

2.0 BACKGROUND

2.1 Asbestos

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 material (ACM) as any material or product that contains *greater than* 1% asbestos. Nonfriable ACM is 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 nonfriable 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), a hazardous waste when friable, is classified as any manufactured material that contains *greater than* 1% asbestos by dry weight *and* is:

- Friable (can be crumbled, pulverized, or reduced to powder by hand pressure); or
- Category I material that has become friable; or

- Category I material that has been subjected to sanding grinding, cutting or abrading; or
- Category II nonfriable material that has a high probability of becoming crumbled, pulverized, or reduced to a powder during demolition or renovation activities.

Activities that disturb materials containing *any* amount of asbestos are subject to certain requirements of the Cal/OSHA asbestos standard contained in Title 8, CCR Section 1529. Typically, removal or disturbance of more than 100 square feet of material containing more than 0.1% asbestos must be performed by a registered asbestos abatement contractor, but associated waste labeling is not required if the material contains 1% or less asbestos. When the asbestos content of a material exceeds 1%, virtually all requirements of the standard become effective.

Materials containing more than 1% asbestos are also subject to NESHAP regulations (40 CFR Part 61, Subpart M). RACM (friable ACM and nonfriable ACM that will become friable during demolition operations) must be removed from structures prior to demolition. Certain nonfriable ACM and materials containing 1% or less asbestos may remain in structures during demolition; however, there are waste handling/disposal issues and Cal/OSHA work requirements that must be followed. Contractors are responsible for segregating and characterizing waste streams prior to disposal.

With respect to potential worker exposure, notification, and registration requirements, Cal/OSHA defines asbestos-containing construction material (ACCM) as construction material that contains more than 0.1% asbestos (Title 8, CCR 341.6).

2.2 Architectural Drawings and Previous Survey Activities

We reviewed bridge architectural plans provided by Caltrans prior to field activities. We observed no evidence of asbestos use on the architectural plans provided. Previous survey reports were not available for our review.

3.0 SCOPE OF SERVICES

Mr. David Watts, a California-Certified Asbestos Consultant (CAC), certification No. 98-2404 (expiration September 16, 2008), performed the asbestos survey at the project bridge locations on December 11, 2007.

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. A total of eight bulk asbestos samples of suspect materials were collected.

Our procedures for inspection and sampling in accordance with TO-8 are discussed below:

- Collected bulk asbestos samples after first wetting friable 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 EMSL Analytical, Inc., a California-licensed and Caltrans-approved subcontractor, for asbestos analysis in accordance with United States Environmental Protection Agency (EPA) Test Method 600/R-93/116 using polarized light microscopy (PLM) under chain-of-custody protocol. EMSL Analytical, Inc. 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 requested on a 10-workday turn-around-time.

Sample group identification numbers, material descriptions, approximate quantities, friability assessments, and photo references are summarized on Table 1. Approximate sample locations are presented on the Site Plan, Figure 2. Materials represented by the samples collected are shown in the attached photographs.

4.0 INVESTIGATIVE RESULTS

A summary of the analytical laboratory test results for asbestos is presented on Table 1. The laboratory analyses indicated the following:

Chrysotile asbestos at a concentration of 80% was detected in a sample representing nonfriable asbestos sheet packing used as barrier rail shims on Bridge 24-0193L/R.

Chrysotile asbestos at a concentration of 80% was detected in a sample representing nonfriable asbestos sheet packing used as barrier rail shims on Bridge 24-0205L/R.

Chrysotile asbestos at a concentration of 80% was detected in a sample representing nonfriable asbestos sheet packing used as barrier rail shims on Bridge 24-0203L/R.

Chrysotile asbestos at a concentration of 80% was detected in a sample representing nonfriable asbestos sheet packing used as barrier rail shims on Bridge 24-0218L/R.

We were not able to quantify the shims on the subject bridges due to safety concerns (i.e., traffic). No asbestos was detected in samples of the remaining suspect materials collected.

5.0 RECOMMENDATIONS

NESHAP regulations do not require that asbestos-containing sheet packing (a Category I nonfriable/nonhazardous material) identified during our survey be removed prior to demolition or treated as hazardous waste. However, the disturbance of these materials is still covered by the Cal/OSHA asbestos standard. We recommend that a licensed demolition contractor registered with Cal/OSHA for asbestos-related work (or a licensed and certified asbestos abatement contractor) perform demolition activities if the asbestos-containing materials identified during our survey are left in-place during demolition. Contractors are responsible for segregating and characterizing waste streams prior to disposal. Contractors are responsible for informing the landfill of the contractor's intent to dispose of asbestos-containing waste.

Geocon also recommends the notification of contractors (that will be conducting renovation, demolition, or related activities) of the presence of asbestos in their areas (i.e., provide the contractor[s] with a copy of this report and a list of asbestos removed by asbestos abatement contractor[s] during subsequent abatement activities). Contractors should be instructed not to disturb asbestos during their work.

In accordance with Sacramento Metropolitan Air Quality Management District (SMAQMD) Rule 902, written notification to SMAQMD is required ten working days prior to commencement of *any* demolition activity (whether asbestos is present or not) and for renovation activities involving specified quantities of RACM. In accordance with Title 8, CCR 341.9, written notification to the nearest Cal/OSHA district office is required at least 24 hours prior to certain asbestos-related work.

6.0 REPORT LIMITATIONS

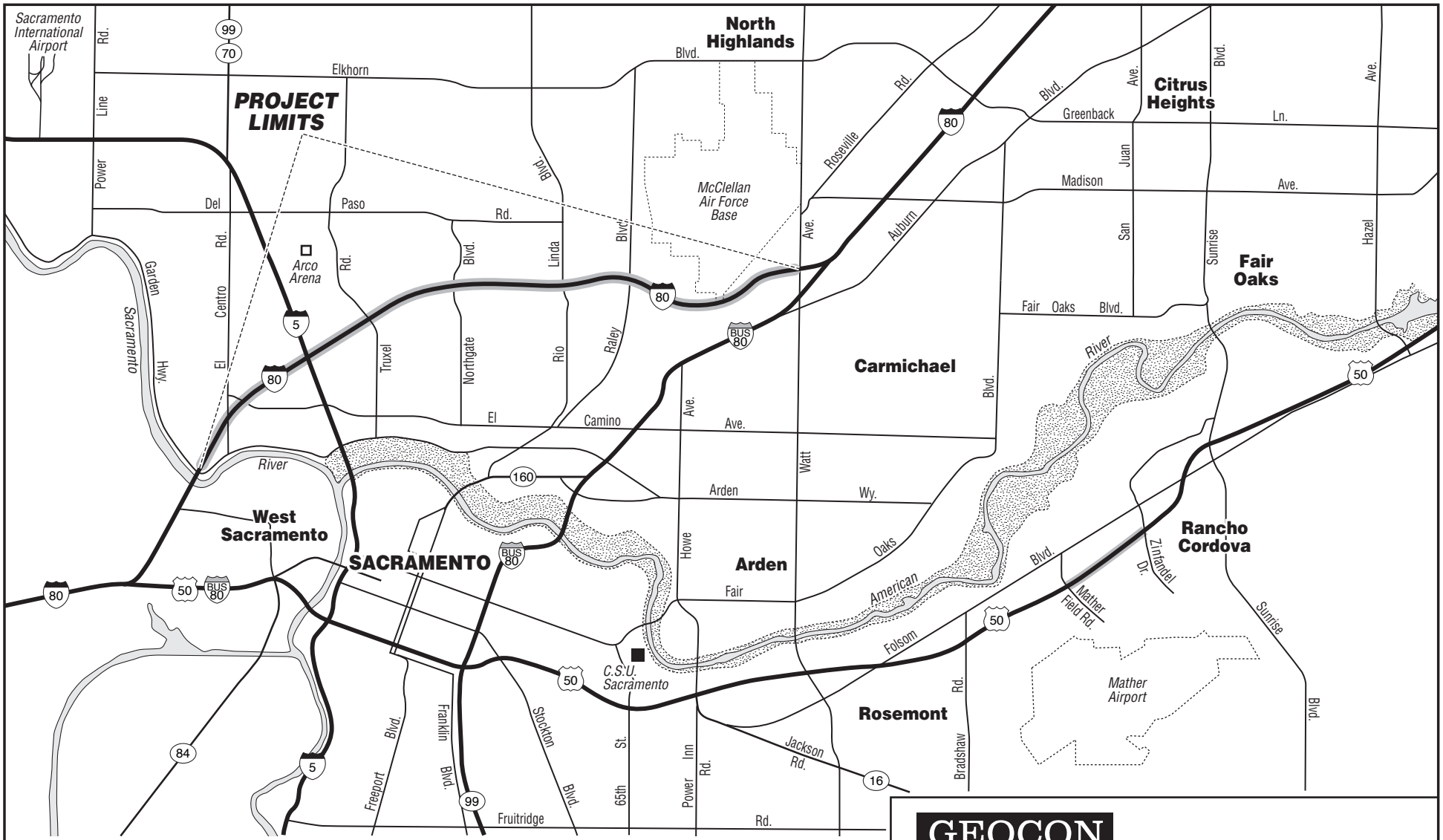
This asbestos survey was conducted in conformance with generally accepted standards of practice for identifying and evaluating asbestos in structures. The survey addressed only the structures identified in Section 1.1. Due to the nature of structure surveys, asbestos use, and laboratory analytical limitations, some ACM at the project location may not have been identified. Spaces such as cavities, voids, crawlspaces, and pipe chases, may have been concealed to Geocon's investigator. Previous renovation work may have concealed or covered spaces or materials, or may have partially demolished materials and left debris in inaccessible areas. Additionally, renovation activities may have partially replaced ACM with indistinguishable non-ACM. Asbestos may exist in areas of the structures that were not accessible or sampled in conjunction with this TO.

During renovation or demolition operations, suspect materials may be uncovered which are different from those accessible for sampling during this assessment. Personnel in charge of renovation/demolition should be alerted to note materials uncovered during such activities that differ substantially from those included in this or previous assessment reports. If suspect ACM are found, additional sampling and analysis should be performed to determine if the materials contain asbestos.

This report has been prepared exclusively for Caltrans. The information contained herein is only valid as of the date of the report, and will require an update to reflect additional information obtained.

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 be deemed conclusive with respect to only the information obtained. We make no warranty, express or implied, with respect to the content of this report or any subsequent reports, correspondence or consultation. 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.

The contents of this report reflect the views of the author who is responsible for the facts and accuracy of the data presented herein. The contents do not necessarily reflect the official views or policies of the State of California or the Federal Highway Administration. This report does not constitute a standard, specification, or regulation.



GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR. – SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 852-9132

Interstate 80 Bridges

Sacramento County, California

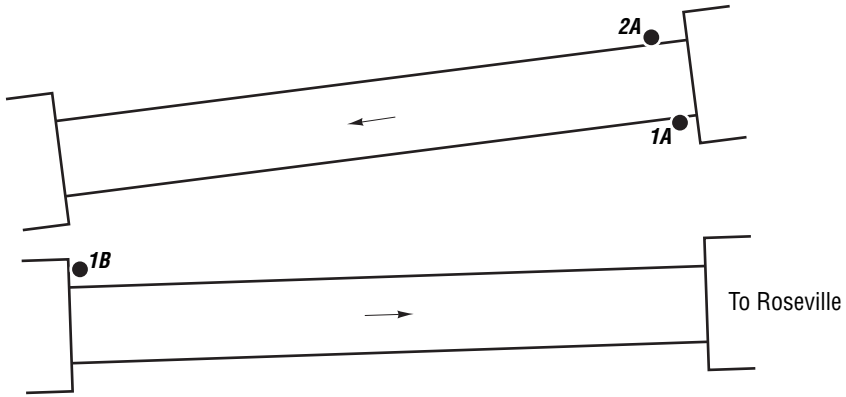
GEOCON Proj. No. S9300-06-08

Task Order No. 08

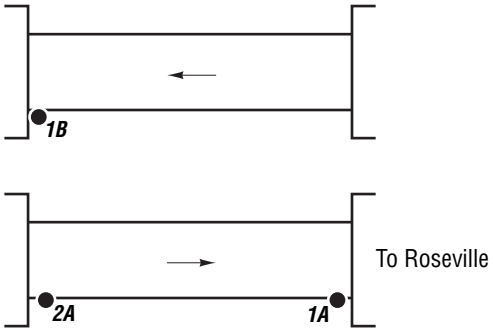
VICINITY MAP

March 2008

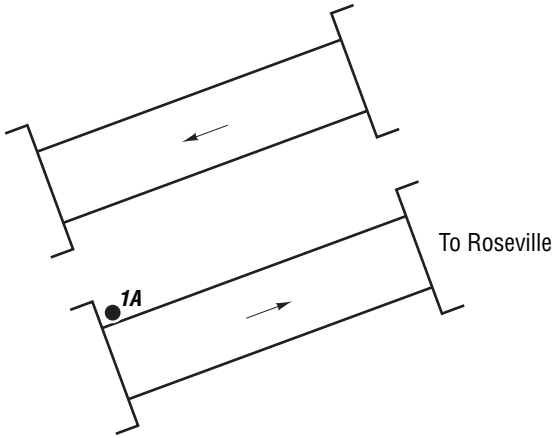
Figure 1



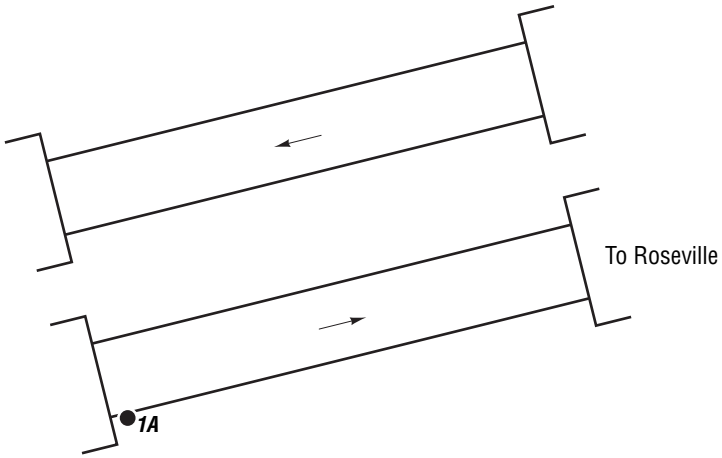
BRIDGE 24-0193L/R



BRIDGE 24-0205L/R



BRIDGE 24-0203L/R



BRIDGE 24-0218L/R

LEGEND:

- Approximate Asbestos Sample Location

NO SCALE

GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR. – SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 852-9132

Interstate 80 Bridges		
Sacramento County, California	**SITE PLAN**	
GEOCON Proj. No. S9300-06-08		
Task Order No. 08	March 2008	Figure 2

TABLE 1
SUMMARY OF ASBESTOS RESULTS
INTERSTATE 80 BRIDGES
CALTRANS CONTRACT 03A1368, TASK ORDER NO. 08, EA 03-379700
SACRAMENTO COUNTY, CALIFORNIA

Polarized Light Microscopy (PLM) - EPA Test Method 600/R-93/116

Bridge	Sample Group	Description of Material	Approximate Quantity	Friable	Site Photos	Asbestos Concentration
24-0193L/R	0193L/R-1	Expansion joint material	NA	NA	2	ND
	0193L/R-2	**Barrier rail shims**	**Unable to safely quantify**	**No**	**4**	**80%**
24-0205L/R	0205L/R-1	Expansion joint material	NA	NA	8	ND
	0205L/R-2	**Barrier rail shims**	**Unable to safely quantify**	**No**	**7**	**80%**
24-0203L/R	**0203L/R-1**	**Barrier rail shims**	**Unable to safely quantify**	**No**	**11**	**80%**
24-0218L/R	**0218L/R-1**	**Barrier rail shims**	**Unable to safely quantify**	**No**	**15**	**80%**

Notes:

NA = Not applicable (no asbestos detected)

ND = Not detected

APPENDIX A

EMSL Analytical, Inc
2235 Polvorosa Ave , Suite 230, San Leandro, CA 94577
Phone: (510) 895-3675 Fax: (510) 895-3680 Email: milpitaslab@emsl.com

Attn: **David Watts**
Geocon Consultants
6671 Brisa Street
Livermore, CA 94550

Fax: (925) 371-5915 Phone: (925) 371-5900
Project: **S9300-06-08, SR80-SAC, Sacramento County, CA**

Customer ID:	GECN21
Customer PO:	S9300-0608
Received:	12/12/07 3:29 PM
EMSL Order:	090707253
EMSL Proj:	S9300-06-**
Analysis Date:	12/26/2007
Report Date:	12/28/2007

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos				Asbestos
Sample	**Location**	**Appearance**	**%**	**Fibrous**	**%**	**Non-Fibrous**	**% Type**
0193L/R1A, EJM *090707253-0001*		Brown Fibrous Homogeneous	90%	Cellulose	10%	Non-fibrous (other)	**None Detected**
0193L/R1B, EJM *090707253-0002*		Brown Fibrous Homogeneous	90%	Cellulose	10%	Non-fibrous (other)	**None Detected**
0193L/R2A, Sheet packing, shims *090707253-0003*		Gray Fibrous Homogeneous			20%	Non-fibrous (other)	**80% Chrysotile**
0205L/R1A, EJM *090707253-0004*		Brown Fibrous Homogeneous	90%	Cellulose	10%	Non-fibrous (other)	**None Detected**
0205L/R1B, EJM *090707253-0005*		Brown Fibrous Homogeneous	90%	Cellulose	10%	Non-fibrous (other)	**None Detected**
0205L/R2A, Sheet packing, shims *090707253-0006*		Gray Fibrous Homogeneous			20%	Non-fibrous (other)	**80% Chrysotile**
0203L/R1A, Sheet packing, shims *090707253-0007*		Gray Fibrous Homogeneous			20%	Non-fibrous (other)	**80% Chrysotile**

Analyst(s)

Rui Cindy Geng (7)

Baojia Ke, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client.Samples received in good condition unless otherwise noted.

Analysis performed by EMSL San Leandro (NVLAP #101048-3)

EMSL Analytical, Inc
2235 Polvorosa Ave , Suite 230, San Leandro, CA 94577
Phone: (510) 895-3675 Fax: (510) 895-3680 Email: milpitaslab@emsl.com

Attn: **David Watts**
Geocon Consultants
6671 Brisa Street
Livermore, CA 94550

Fax: (925) 371-5915 Phone: (925) 371-5900
Project: **S9300-06-08, SR80-SAC, Sacramento County, CA**

Customer ID:	GECN21
Customer PO:	S9300-0608
Received:	12/12/07 3:29 PM
EMSL Order:	090707253
EMSL Proj:	S9300-06-**
Analysis Date:	12/26/2007
Report Date:	12/28/2007

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Location**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
0218L/R1A, Sheet packing, shims *090707253-0008*		Gray Fibrous Homogeneous		20% Non-fibrous (other)	**80% Chrysotile**

Analyst(s)

Rui Cindy Geng (7)

Baojia Ke, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client.Samples received in good condition unless otherwise noted.
Analysis performed by EMSL San Leandro (NVLAP #101048-3)

THIS IS THE LAST PAGE OF THE REPORT.

90707253

Chain of Custody Form

Analyze sample sets until positive: ☐ Yes ☑ No

Project No.: 59300-06-08
Client Name: GEOCON
Analytical Fee (per sample): $ Rm
Date(s) Inspected: 11 DEC 2007
Report Results to: D. WATTS
Office Location: LIVERMORE, CA
Other Comments: 2-WK TAT
Consultants Ph. #: (925) 371-5900
Consultants Fax #: (925) 371-5915
Site Address: SACRAMENTO COUNTY, CA
Site Name: SR 80 - SAC
Building No.

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
		01 9 3L/R	1	X	X											EJM
		↓	2	X												SHEET PACKING (SHIMS)
		02 0 5L/R	1	X	X											EJM
		↓	2	X												SHEET PACKING (SHIMS)
		02 0 3L/R	1	X												" " "
		02 1 8L/R	1	X												" " "

Relinquished by: Print Name: D. WATTS Signature: Date/Time: 11 DEC 2007 1530
Received by: Print Name: UPS Signature: Date/Time: 11 DEC 2007 1530

Relinquished by: Print Name: Signature: Date/Time:
Received by: Print Name: Leechelle Astrolabio Signature: Date/Time: 12/12/07 10am

Flooring
CFT = Ceramic floor tile grout/mastic (M)
F = Floor material-Generic(M)
FMAS = Floor mastic(M)
FT = Vinyl composite tile floor (M)
FS = Vinyl composite sheet floor (M)
FLC = Floor leveling compound (M)
TERR = Terrazzo flooring (M)

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)

Piping/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

APPENDIX B

PROJECT NO. **S9300-06-08**

BORING NO. DP1-RT

DATE DRILLED 7/30/07 WATER LEVEL (ATD)

EQUIPMENT POWERPROBE DRILLER TEG

DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	SOIL DESCRIPTION	SOIL (USCS)	HEADSPACE (PPM)
				8.5 INCHES CONCRETE		
1				**FILL - PEAGRAVEL**		
2		DP1-2-RT 1301		**ALLUVIUM** Stiff, moist, moderate yellowish brown (10YR 5/4), Clayey SILT	ML	
3						
4		DP1-4-RT 1307				
5						
6						
7				Stiff, moist, moderate yellowish brown (10YR 5/4), CLAY	CL	
8		DP1-8-RT 1310				
9						
10				Stiff, moist, dark yellowish brown (10YR 4/2), CLAY	CL	
11						
12		DP1-11.5-RT 1313		BORING TERMINATED AT 12 FEET		

Figure A1, Log of Boring DP1-RT, page 1 of 1

ENV_NO_WELL I-80 LONGVIEW BORINGS.GPJ 01/23/08

BORING ELEVATION: **NA**

ENGINEER/GEOLOGIST: **LILA AYLSTOCK**

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

PROJECT NO. S9300-06-08

BORING NO. DP2-RT

DATE DRILLED 7/30/07 WATER LEVEL (ATD)

EQUIPMENT POWERPROBE DRILLER TEG

DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	SOIL DESCRIPTION	SOIL (USCS)	HEADSPACE (PPM)
				6 INCHES ASPHALT		
1				**FILL - PEAGRAVEL**		
				ALLUVIUM	ML	
2		DP2-2-RT 1219		Stiff, moist, moderate yellowish brown (10YR 5/4), Clayey SILT		
3						
4		DP2-4-RT 1228		Stiff, moist, moderate yellowish brown (10YR 5/4), Silty CLAY	CL	
5						
6						
7						
8		DP2-8-RT 1234				
9						
10						
11						
12		DP2-11.5-RT 1238		BORING TERMINATED AT 12 FEET		

Figure A2, Log of Boring DP2-RT, page 1 of 1

ENV_NO_WELL 1-80 LONGVIEW BORINGS.GPJ 01/23/08

BORING ELEVATION: **NA**

ENGINEER/GEOLOGIST: **LILA AYLSTOCK**

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

PROJECT NO. **S9300-06-08**

BORING NO. DP3-RT

DATE DRILLED 7/30/07 WATER LEVEL (ATD)

EQUIPMENT POWERPROBE DRILLER TEG

DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	SOIL DESCRIPTION	SOIL (USCS)	HEADSPACE (PPM)
1				**4 INCHES ASPHALT**		
				FILL - PEAGRAVEL		
				ALLUVIUM	ML	
2		DP3-2-RT 1331		Stiff, moist, moderate yellowish brown (10YR 5/4), Clayey SILT		
3						
4		DP3-4-RT 1335				
5				Stiff, moist, dark yellowish brown (10YR 4/2), CLAY	CL	
6						
7						
8		DP3-8-RT 1337				
9						
10						
11						
12		DP3-11.5 1341		BORING TERMINATED AT 12 FEET		

Figure A3, Log of Boring DP3-RT, page 1 of 1

ENV_NO_WELL I-80 LONGVIEW BORINGS.GPJ 01/23/08

BORING ELEVATION: **NA**

ENGINEER/GEOLOGIST: **LILA AYLSTOCK**

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

PROJECT NO. **S9300-06-08**

BORING NO. DP4-RT

DATE DRILLED 7/30/07 WATER LEVEL (ATD)

EQUIPMENT POWERPROBE DRILLER TEG

DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	SOIL DESCRIPTION	SOIL (USCS)	HEADSPACE (PPM)
1				**FILL** Loose, dry, moderate yellowish brown (10YR 5/4), fine Sandy SILT	ML	
2		DP4-2-RT 1405				
3						
4		DP4-4-RT 1413		**ALLUVIUM** Dense, moist, moderate yellowish brown (10YR 5/4), Silty SAND	SM	
5						
6				Dense, moist, dark yellowish brown (10YR 4/2), Silty fine SAND	SM	
7						
8		DP4-8-RT 1415				
9						
10						
11						
12		DP4-11.5-RT 1422		BORING TERMINATED AT 12 FEET		

Figure A4, Log of Boring DP4-RT, page 1 of 1

ENV_NO_WELL 1-80 LONGVIEW BORINGS.GPJ 01/23/08

BORING ELEVATION: **NA**

ENGINEER/GEOLOGIST: **LILA AYLSTOCK**

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

PROJECT NO. S9300-06-08

BORING NO. DPLB-B2

DATE DRILLED 8/29/07 WATER LEVEL (ATD)

EQUIPMENT GEOPROBE DRILLER GEOCON

DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	SOIL DESCRIPTION	SOIL (USCS)	HEADSPACE (PPM)
1				**3 INCHES ASPHALT** **FILL** Dense, dry, grayish brown (5YR 3/2), Gravelly SAND	SP	
2		DPLB-B2-2 1015		**ALLUVIUM** Very stiff, moist, dark yellowish brown (10YR 4/2), Clayey SILT	ML	0.0
3						
4		DPLB-B2-4 1025				0.2
5						
6				Very dense, moist, dark yellowish brown (10YR 4/2), fine SAND	SM	
7						
8		DPLB-B2-8 1045				0.0
9						
10						
11		DPLB-B2-11.5 1050				0.3
12				BORING TERMINATED AT 12 FEET		

Log of Boring DPLB-B2, page 1 of 1

ENV_NO_WELL I-80 DIRECT PUSH BORINGS.GPJ 01/23/08

BORING ELEVATION:

ENGINEER/GEOLOGIST: **GEMMA REBLANDO**

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

PROJECT NO. **S9300-06-08**

BORING NO. DPLB-B3

DATE DRILLED 8/29/07 WATER LEVEL (ATD) _____

EQUIPMENT HAND-AUGER DRILLER GEOCON

DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	SOIL DESCRIPTION	SOIL (USCS)	HEADSPACE (PPM)
1				**FILL** Dense, dry, moderate yellowish brown (10YR 5/4), Gravelly SAND/SILT	SP-ML	
2		DPLB-B3-2 1233		**ALLUVIUM** Very stiff, dry, dark yellowish brown (10YR 4/2), SILT	ML	0.0
3						
4		DPLB-B3-4 1245				0.3
5						
6						
7						
8		DPLB-B3-8 1305		Dense, moist, moderate yellowish brown (10YR 5/4), fine SAND	SM	0.1
9						
10						
11						
12		DPLB-B3-11.5 1325		BORING TERMINATED AT 12 FEET		0.0

ENV_NO_WELL I-80 DIRECT PUSH BORINGS.GPJ 01/23/08

BORING ELEVATION:

ENGINEER/GEOLOGIST: **GEMMA REBLANDO**

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

PROJECT NO. **S9300-06-08**

BORING NO. DPLB-B4

DATE DRILLED 8/29/07 WATER LEVEL (ATD) _____

EQUIPMENT GEOPROBE DRILLER GEOCON

DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	SOIL DESCRIPTION	SOIL (USCS)	HEADSPACE (PPM)
1				**FILL** Dense, dry, moderate yellowish brown (10YR 5/4), Gravelly SAND	SP	
2		DPLB-B4-2 1330		**ALLUVIUM** Stiff, moist, dark yellowish brown (10YR 4/2), Sandy SILT	ML	0.0
3						
4		DPLB-B4-4 1345		Dense, moist, dark yellowish brown (10YR 4/2), fine SAND	SM	0.0
5						
6						
7						
8						
9		DPLB-B4-8.5 1400		REFUSAL - BORING TERMINATED AT 9 FEET		0.2
10						
11						
12						

BORING ELEVATION:

ENGINEER/GEOLOGIST: **GEMMA REBLANDO**

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

PROJECT NO. **S9300-06-08**

BORING NO. DPRB-B2

DATE DRILLED 8/29/07 WATER LEVEL (ATD)

EQUIPMENT GEOPROBE DRILLER GEOCON

DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	SOIL DESCRIPTION	SOIL (USCS)	HEADSPACE (PPM)
1				**3 INCHES ASPHALT** **FILL** Dense, dry, dark yellowish brown (10YR 4/2), Gravelly SAND	SP	
2		DPRB-B2-2 0910		**ALLUVIUM** Stiff, moist, dark greenish gray (5GY 4/1), fine Sandy SILT	ML	0.3
3						
4		DPRB-B2-4 0925		Stiff, moist, moderate yellowish brown (10YR 5/4), SILT	ML	0.0
5						
6						
7						
8		DPRB-B2-8 0945				0.0
9				Stiff, moist, dark yellowish brown (10YR 4/2), Silty fine SAND	SM	
10						
11		DPRB-B2-11.5 1000				0.1
12				BORING TERMINATED AT 12 FEET		

ENV_NO_WELL I-80 DIRECT PUSH BORINGS.GPJ 01/23/08

BORING ELEVATION:

ENGINEER/GEOLOGIST: **GEMMA REBLANDO**

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

PROJECT NO. **S9300-06-08**

BORING NO. DPRB-B3

DATE DRILLED 8/29/07 WATER LEVEL (ATD)

EQUIPMENT GEOPROBE DRILLER GEOCON

DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	SOIL DESCRIPTION	SOIL (USCS)	HEADSPACE (PPM)
1				**FILL** Dense, dry, grayish brown (5YR 3/2), Gravelly SAND	SP	
2		DPRB-B3-2 1055		**ALLUVIUM** Stiff, moist, dark yellowish brown (10YR 4/2), Sandy SILT	ML	0.0
3						
4				- no recovery from 4.0 to 4.5 feet		
5		DPRB-B3-4.5 1125				0.0
6						
7						
8		DPRB-B3-8 1135		Dense, moist, dark yellowish brown (10YR 4/2), fine SAND	SM	0.1
9						
10						
11						0.0
12		DPRB-B3-11.5 1140		BORING TERMINATED AT 12 FEET		

ENV_NO_WELL I-80 DIRECT PUSH BORINGS.GPJ 01/23/08

BORING ELEVATION:

ENGINEER/GEOLOGIST: **GEMMA REBLANDO**

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

PROJECT NO. **S9300-06-08**

BORING NO. DPRB-B4

DATE DRILLED 8/29/07 WATER LEVEL (ATD) _____

EQUIPMENT GEOPROBE DRILLER GEOCON

DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	SOIL DESCRIPTION	SOIL (USCS)	HEADSPACE (PPM)
				FILL Dense, dry, grayish brown (5YR 3/2), Gravelly SAND	SP	
1				**ALLUVIUM** Hard, moist, dark yellowish brown (10YR 4/2), SILT	ML	
2		DPRB-B4-2 1215				0.0
3						
4				- no recovery from 4.0 to 4.5 feet		
5		DPRB-B4-4.5 1235		Dense, moist, dark yellowish brown (10YR 4/2), fine SAND	SM	0.1
6						
7						
8				- no recovery from 8.0 to 8.5 feet		
9		DPRB-B4-8.5 1250		Dense, moist, dark yellowish brown (10YR 4/2), coarse SAND	SP	0.2
		DPRB-B4-11.5 1310		- coarse sand		0.1
				BORING TERMINATED AT 12 FEET		

BORING ELEVATION:

ENGINEER/GEOLOGIST: **GEMMA REBLANDO**

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

PROJECT NO. **S9300-06-08**

BORING NO. DPRR-1

DATE DRILLED 12/7/2007 WATER LEVEL (ATD) _____

EQUIPMENT DIRECT-PUSH DRILLER TEG

DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	SOIL DESCRIPTION	SOIL (USCS)	HEADSPACE (PPM)
				1 FOOT SLUDGE		
1		DPRR-1-1.0 0930		**FILL** Stiff, moist, olive gray (5Y 4/1), fine Sandy SILT	ML	0
2						
3						
4		DPRR-1-4.0 0935		Dense, moist to wet, moderate yellowish brown (10YR 5/4) to dark yellowish brown (10YR 4/2), Silty SAND (SM)	SM	0
5						
6						
7		DPRR-1-7.0 0940		Stiff, moist, brownish gray (5YR 4/1), Sandy SILT	ML	0
8						
9				Stiff, moist, brownish gray (5YR 4/1) to light olive gray (5Y 5/2), fine Sandy SILT		
10		DPRR-1-10 0945			ML	0
11						
12				BORING TERMINATED AT 12 FEET		

Figure 1, Log of Boring DPRR-1, page 1 of 1

ENV_NO_WELL I-80 BORINGS.GPJ 01/23/08

BORING ELEVATION:

ENGINEER/GEOLOGIST: **GEMMA REBLANDO**

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

PROJECT NO. **S9300-06-08**

BORING NO. DPRR-2

DATE DRILLED 12/7/2007 WATER LEVEL (ATD)

EQUIPMENT DIRECT-PUSH DRILLER TEG

DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	SOIL DESCRIPTION	SOIL (USCS)	HEADSPACE (PPM)
				6 INCHES SLUDGE		
1				**FILL** Stiff, moist, olive gray (5Y 4/1), fine Sandy SILT		
2		DPRR-2-1.0 1030			ML	0
3						
4		DPRR-2-4.0 1035		Dense, moist, brownish gray (5YR 4/1), fine SAND	SP	0
5				Stiff, moist, moderate yellowish brown (10YR 5/4), Sandy SILT	ML	
6						
7		DPRR-2-7.0 1040				0
8						
9						
10		DPRR-2-10 1045				0
11						
12				BORING TERMINATED AT 12 FEET		

Figure 2, Log of Boring DPRR-2, page 1 of 1

ENV_NO_WELL I-80 BORINGS.GPJ 01/23/08

BORING ELEVATION:

ENGINEER/GEOLOGIST: **GEMMA REBLANDO**

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

PROJECT NO. **S9300-06-08**

BORING NO. DPRR-3

DATE DRILLED 12/7/2007 WATER LEVEL (ATD)

EQUIPMENT DIRECT-PUSH DRILLER TEG

DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	SOIL DESCRIPTION	SOIL (USCS)	HEADSPACE (PPM)
				6 INCHES SLUDGE		
1		DPRR-3-1.0 1100		**FILL** Stiff, moist, olive gray (5Y 4/1), fine Sandy SILT	ML	0.1
2				Dense, moist, moderate yellowish brown (10YR 5/4), fine SAND		
3						
4		DPRR-3-4.0 1105			SP	0
5						
6				Stiff, moist, dark yellowish brown (10YR 4/2) to dusky yellowish brown (10YR 2/2), SILT		
7						
8		DPRR-3-7.5 1110			ML	0
9				Stiff, moist, dark yellowish brown (10YR 4/2), SILT		
10		DPRR-3-10 1115			ML	0
11						
12				BORING TERMINATED AT 12 FEET		

Figure 3, Log of Boring DPRR-3, page 1 of 1

ENV_NO_WELL I-80 BORINGS.GPJ 01/23/08

BORING ELEVATION:

ENGINEER/GEOLOGIST: **GEMMA REBLANDO**

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

PROJECT NO. **S9300-06-08**

BORING NO. DPRR-4

DATE DRILLED 12/7/2007 WATER LEVEL (ATD) _____

EQUIPMENT DIRECT-PUSH DRILLER TEG

DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	SOIL DESCRIPTION	SOIL (USCS)	HEADSPACE (PPM)
1		DPRR-4-1.0 1140		**4 INCHES SLUDGE** **FILL** Medium stiff, moist to wet, dusky yellowish brown (10YR 2/2), Gravelly SAND with brick fragments	SP	0
2						
3						
4				Stiff, moist, olive gray 5Y 3/2), SILT with slight sulfur odor	ML	0
5		DPRR-4-4.5 1145				
6		DPRR-4-6 1150		Stiff, moist, dark gray (N3) to olive gray (5Y 4/1), SILT	ML	0
7						
8						
9						
10		DPRR-4-10 1155		Very stiff, moist, olive gray (5Y 3/2) to moderate olive brown (5Y 4/4) SILT	ML	0
11						
12				BORING TERMINATED AT 12 FEET		

Figure 4, Log of Boring DPRR-4, page 1 of 1

ENV_NO_WELL I-80 BORINGS.GPJ 01/23/08

BORING ELEVATION:

ENGINEER/GEOLOGIST: **GEMMA REBLANDO**

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

APPENDIX C

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

John Juhrend
Geocon Consultants
3160 Gold Valley Dr.
Suite 800
Rancho Cordova, CA 95742

Client	Geocon Consultants
Workorder	18090 I-80 Sac ADL
Received	07/16/07

The samples were received in EPA specified containers. The samples were transported and received under documented chain of custody and stored at four (4) degrees C until analysis was performed.

Sparger Technology, Inc. ID Suffix Keys - These descriptors will follow the Sparger Technology, Inc. ID numbers and help identify the specific sample and clarify the report.

DUP - Matrix Duplicate
MS - Matrix Spike
MSD - Matrix Spike Duplicate
LCS - Lab Control Sample
LCSD - Lab Control Sample Duplicate
RPD - Relative Percent Difference
QC - Additional Quality Control
DIL - Results from a diluted sample
ND - None Detected
RL - Reporting Limit

Note: In an effort to conserve paper, the results are printed on both sides of the paper.

Ray James
Laboratory Director

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

John Juhrend
Geocon Consultants
3160 Gold Valley Dr.
Suite 800
Rancho Cordova, CA 95742

Workorder 18090

Enclosed are the results from samples received on July 16, 2007.

The requested analyses are listed below.

SAMPLE	SAMPLE DESCRIPTION	DATE COLLECTED	TEST METHOD
18090001	B(1,3,5)-0.0, Soil	07/11/07	9045 PH 6010B
18090002	B(1,3,5)-1.0, Soil	07/11/07	6010B
18090003	B(1,3,5)-2.0, Soil	07/11/07	6010B
18090004	B(2,4)-0.0, Soil	07/11/07	6010B
18090005	B(2,4)-1.0, Soil	07/11/07	6010B
18090006	B(2,4)-2.0, Soil	07/11/07	6010B
18090007	B(6,8,10)-0.0, Soil	07/11/07	6010B
18090008	B(6,8,10)-1.0, Soil	07/11/07	6010B
18090009	B(6,8,10)-2.0, Soil	07/11/07	6010B
18090010	B(7,9)-0.0, Soil	07/11/07	6010B
18090011	B(7,9)-1.0, Soil	07/11/07	6010B
18090012	B(7,9)-2.0, Soil	07/11/07	9045 PH 6010B
18090013	B(11,12,13,14)-0.0, Soil	07/11/07	6010B
18090014	B(11,12,13,14)-1.0, Soil	07/11/07	6010B
18090015	B(11,12,13,14)-2.0, Soil	07/11/07	6010B
18090016	B(15,16,17,18)-0.0, Soil	07/11/07	6010B
18090017	B(15,16,17,18)-1.0, Soil	07/11/07	6010B
18090018	B(15,16,17,18)-2.0, Soil	07/11/07	6010B
18090019	B(19,20,21,22)-0.0, Soil	07/11/07	6010B
18090020	B(19,20,21,22)-1.0, Soil	07/11/07	6010B
18090021	B(19,20,21,22)-2.0, Soil	07/11/07	6010B
18090022	B(23,24,25)-0.0, Soil	07/11/07	6010B

Workorder 18090

SAMPLE	SAMPLE DESCRIPTION	DATE COLLECTED	TEST METHOD
18090023	B(23,24,25)-1.0, Soil	07/11/07	6010B
18090024	B(23,24,25)-2.0, Soil	07/11/07	9045 PH 6010B
18090025	B(26,28,30,32)-0.0, Soil	07/12/07	6010B
18090026	B(26,28,30,32)-1.0, Soil	07/12/07	6010B
18090027	B(26,28,30,32)-2.0, Soil	07/12/07	6010B
18090028	B(27,29,31,33)-0.0, Soil	07/12/07	6010B
18090029	B(27,29,31,33)-1.0, Soil	07/12/07	6010B
18090030	B(27,29,31,33)-2.0, Soil	07/12/07	6010B
18090031	B(34,36,38,41)-0.0, Soil	07/12/07	6010B
18090032	B(34,36,38,41)-1.0, Soil	07/12/07	6010B
18090033	B(34,36,38,41)-2.0, Soil	07/12/07	9045 PH 6010B
18090034	B(35,37,39,40)-0.0, Soil	07/12/07	6010B
18090035	B(35,37,39,40)-1.0, Soil	07/12/07	6010B
18090036	B(35,37,39,40)-2.0, Soil	07/12/07	6010B
18090037	B(42,44,46,47)-0.0, Soil	07/12/07	6010B
18090038	B(42,44,46,47)-1.0, Soil	07/12/07	6010B
18090039	B(42,44,46,47)-2.0, Soil	07/12/07	6010B
18090040	B(43,45,48,50)-0.0, Soil	07/12/07	6010B
18090041	B(43,45,48,50)-1.0, Soil	07/12/07	6010B
18090042	B(43,45,48,50)-2.0, Soil	07/12/07	6010B
18090043	B(49,51,53,55)-0.0, Soil	07/12/07	6010B
18090044	B(49,51,53,55)-1.0, Soil	07/12/07	9045 PH 6010B
18090045	B(49,51,53,55)-2.0, Soil	07/12/07	6010B
18090046	B(52,54,56)-0.0, Soil	07/12/07	6010B
18090047	B(52,54,56)-1.0, Soil	07/12/07	6010B
18090048	B(52,54,56)-2.0, Soil	07/12/07	6010B
18090049	B(57,59,61)-0.0, Soil	07/12/07	6010B
18090050	B(57,59,61)-1.0, Soil	07/12/07	6010B
18090051	B(57,59,61)-2.0, Soil	07/12/07	6010B
18090052	B(58,60,62)-0.0, Soil	07/12/07	6010B

Workorder 18090

SAMPLE	SAMPLE DESCRIPTION	DATE COLLECTED	TEST METHOD
18090053	B(58,60,62)-1.0, Soil	07/12/07	9045 PH 6010B
18090054	B(58,60,62)-2.0, Soil	07/12/07	6010B
18090055	B(63,65,67)-0.0, Soil	07/12/07	6010B
18090056	B(63,65)-1.0, Soil	07/12/07	6010B
18090057	B(63,65)-2.0, Soil	07/12/07	6010B
18090058	B(64,66,68,69)-0.0, Soil	07/12/07	6010B
18090059	B(64,66,68,69)-1.0, Soil	07/12/07	6010B
18090060	B(64,66,68,69)-2.0, Soil	07/12/07	6010B
18090061	B(70,71)-0.0, Soil	07/12/07	6010B
18090062	B(70,71)-1.0, Soil	07/12/07	6010B
18090063	B(70,71)-2.0, Soil	07/12/07	6010B
18090064	B(72,73,74,75)-0.0, Soil	07/12/07	9045 PH 6010B
18090065	B(72,73,74,75)-1.0, Soil	07/12/07	6010B
18090066	B(72,73,74,75)-2.0, Soil	07/12/07	6010B
18090067	B(76,77,78,79)-0.0, Soil	07/12/07	6010B
18090068	B(76,77,78,79)-1.0, Soil	07/12/07	6010B
18090069	B(76,77,79)-2.0, Soil	07/12/07	6010B
18090070	B(80,81,82,83)-0.0, Soil	07/12/07	6010B
18090071	B(80,81,82,83)-1.0, Soil	07/12/07	9045 PH 6010B
18090072	B(80,81,82,83)-2.0, Soil	07/12/07	6010B
18090073	B(84,85,86,87)-0.0, Soil	07/13/07	6010B
18090074	B(84,85,86,87)-1.0, Soil	07/13/07	6010B
18090075	B(84,85,86,87)-2.0, Soil	07/13/07	6010B
18090076	B(88,89,90,91)-0.0, Soil	07/13/07	6010B
18090077	B(88,89,90,91)-1.0, Soil	07/13/07	6010B
18090078	B(88,89,90,91)-2.0, Soil	07/13/07	6010B
18090079	B(92,93,94,95)-0.0, Soil	07/13/07	6010B
18090080	B(92,93,94,95)-1.0, Soil	07/13/07	6010B
18090081	B(92,93,94,95)-2.0, Soil	07/13/07	6010B
18090082	B(96,97,98,99)-0.0, Soil	07/13/07	6010B

Workorder 18090

SAMPLE	SAMPLE DESCRIPTION	DATE COLLECTED	TEST METHOD
18090083	B(96,97,98,99)-1.0, Soil	07/13/07	6010B
18090084	B(96,97,98,99)-2.0, Soil	07/13/07	6010B
18090085	B(100,101,102,103)-0.0, Soil	07/13/07	9045 PH 6010B
18090086	B(100,101,102,103)-1.0, Soil	07/13/07	6010B
18090087	B(100,101,102,103)-2.0, Soil	07/13/07	6010B
18090088	B(104,105,106,107)-0.0, Soil	07/13/07	6010B
18090089	B(104,105,106,107)-1.0, Soil	07/13/07	6010B
18090090	B(104,105,106,107)-2.0, Soil	07/13/07	6010B
18090091	B(108,109,110,111)-0.0, Soil	07/13/07	6010B
18090092	B(108,109,110,111)-1.0, Soil	07/13/07	9045 PH 6010B
18090093	B(108,109,110,111)-2.0, Soil	07/13/07	6010B
18090094	B(112,113,114,115)-0.0, Soil	07/13/07	6010B
18090095	B(112,113,114,115)-1.0, Soil	07/13/07	6010B
18090096	B(112,113,114,115)-2.0, Soil	07/13/07	6010B
18090097	B(116,117,118,119)-0.0, Soil	07/13/07	6010B
18090098	B(116,117,118,119)-1.0, Soil	07/13/07	6010B
18090099	B(116,117,118,119)-2.0, Soil	07/13/07	6010B
18090100	B(120,121,122,123)-0.0, Soil	07/13/07	6010B
18090101	B(120,121,122,123)-1.0, Soil	07/13/07	6010B
18090102	B(120,121,122,123)-2.0, Soil	07/13/07	9045 PH 6010B
18090103	B(124,125,126,127)-0.0, Soil	07/13/07	6010B
18090104	B(124,125,126,127)-1.0, Soil	07/13/07	6010B
18090105	B(124,125,126,127)-2.0, Soil	07/13/07	6010B
18090106	B(128,129,130)-0.0, Soil	07/13/07	6010B
18090107	B(128,129,130)-1.0, Soil	07/13/07	6010B
18090108	B(128,129,130)-2.0, Soil	07/13/07	6010B

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID Geocon Consultants
Workorder # 18090 **Workorder ID** I-80 Sac ADL

Parameter pH
Method 9045 PH

Lab ID	Sample ID	Result	RL	Units	Collected	Analyzed	Matrix	Dilution
18090001	B(1,3,5)-0.0	6.98	0.1	SU	07/11/07	07/26/07	Soil	1:1
18090012	B(7,9)-2.0	7.79	0.1	SU	07/11/07	07/26/07	Soil	1:1
18090024	B(23,24,25)-2.0	8.78	0.1	SU	07/11/07	07/26/07	Soil	1:1
18090033	B(34,36,38,41)-2.0	8.48	0.1	SU	07/12/07	07/26/07	Soil	1:1
18090044	B(49,51,53,55)-1.0	8.52	0.1	SU	07/12/07	07/26/07	Soil	1:1
18090053	B(58,60,62)-1.0	8.13	0.1	SU	07/12/07	07/26/07	Soil	1:1
18090064	B(72,73,74,75)-0.0	8.14	0.1	SU	07/12/07	07/26/07	Soil	1:1
18090071	B(80,81,82,83)-1.0	8.09	0.1	SU	07/12/07	07/26/07	Soil	1:1
18090085	B(100,101,102,103)-0.0	7.96	0.1	SU	07/13/07	07/26/07	Soil	1:1
18090092	B(108,109,110,111)-1.0	8.31	0.1	SU	07/13/07	07/26/07	Soil	1:1
18090102	B(120,121,122,123)-2.0	7.39	0.1	SU	07/13/07	07/26/07	Soil	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID Geocon Consultants
Workorder # 18090 **Workorder ID** I-80 Sac ADL

Parameter Lead
Method 6010B

Lab ID	Sample ID	Result	RL	Units	Collected	Analyzed	Matrix	Dilution
18090001	B(1,3,5)-0.0	36.6	1.0	mg/Kg	07/11/07	07/27/07	Soil	1:1
18090002	B(1,3,5)-1.0	16.1	1.0	mg/Kg	07/11/07	07/27/07	Soil	1:1
18090003	B(1,3,5)-2.0	15.0	1.0	mg/Kg	07/11/07	07/27/07	Soil	1:1
18090004	B(2,4)-0.0	3.21	1.0	mg/Kg	07/11/07	07/27/07	Soil	1:1
18090005	B(2,4)-1.0	1.83	1.0	mg/Kg	07/11/07	07/27/07	Soil	1:1
18090006	B(2,4)-2.0	8.96	1.0	mg/Kg	07/11/07	07/27/07	Soil	1:1
18090007	B(6,8,10)-0.0	56.6	1.0	mg/Kg	07/11/07	07/27/07	Soil	1:1
18090008	B(6,8,10)-1.0	4.93	1.0	mg/Kg	07/11/07	07/27/07	Soil	1:1
18090009	B(6,8,10)-2.0	4.51	1.0	mg/Kg	07/11/07	07/27/07	Soil	1:1
18090010	B(7,9)-0.0	4.19	1.0	mg/Kg	07/11/07	07/27/07	Soil	1:1
18090011	B(7,9)-1.0	1.81	1.0	mg/Kg	07/11/07	07/27/07	Soil	1:1
18090012	B(7,9)-2.0	2.00	1.0	mg/Kg	07/11/07	07/27/07	Soil	1:1
18090013	B(11,12,13,14)-0.0	37.0	1.0	mg/Kg	07/11/07	07/27/07	Soil	1:1
18090014	B(11,12,13,14)-1.0	6.76	1.0	mg/Kg	07/11/07	07/27/07	Soil	1:1
18090015	B(11,12,13,14)-2.0	7.94	1.0	mg/Kg	07/11/07	07/27/07	Soil	1:1
18090016	B(15,16,17,18)-0.0	34.0	1.0	mg/Kg	07/11/07	07/27/07	Soil	1:1
18090017	B(15,16,17,18)-1.0	2.61	1.0	mg/Kg	07/11/07	07/27/07	Soil	1:1
18090018	B(15,16,17,18)-2.0	1.87	1.0	mg/Kg	07/11/07	07/27/07	Soil	1:1
18090019	B(19,20,21,22)-0.0	34.4	1.0	mg/Kg	07/11/07	07/27/07	Soil	1:1
18090020	B(19,20,21,22)-1.0	5.22	1.0	mg/Kg	07/11/07	07/27/07	Soil	1:1
18090021	B(19,20,21,22)-2.0	3.00	1.0	mg/Kg	07/11/07	07/27/07	Soil	1:1
18090022	B(23,24,25)-0.0	13.4	1.0	mg/Kg	07/11/07	07/27/07	Soil	1:1
18090023	B(23,24,25)-1.0	3.72	1.0	mg/Kg	07/11/07	07/27/07	Soil	1:1
18090024	B(23,24,25)-2.0	4.39	1.0	mg/Kg	07/11/07	07/27/07	Soil	1:1
18090025	B(26,28,30,32)-0.0	36.0	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090026	B(26,28,30,32)-1.0	5.45	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090027	B(26,28,30,32)-2.0	4.29	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090028	B(27,29,31,33)-0.0	52.0	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090029	B(27,29,31,33)-1.0	4.44	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090030	B(27,29,31,33)-2.0	5.02	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090031	B(34,36,38,41)-0.0	39.5	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090032	B(34,36,38,41)-1.0	6.46	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090033	B(34,36,38,41)-2.0	4.67	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090034	B(35,37,39,40)-0.0	58.2	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID Geocon Consultants
Workorder # 18090 **Workorder ID** I-80 Sac ADL

Parameter Lead (continued)
Method 6010B

Lab ID	Sample ID	Result	RL	Units	Collected	Analyzed	Matrix	Dilution
18090035	B(35,37,39,40)-1.0	5.64	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090036	B(35,37,39,40)-2.0	5.73	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090037	B(42,44,46,47)-0.0	30.4	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090038	B(42,44,46,47)-1.0	5.11	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090039	B(42,44,46,47)-2.0	4.42	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090040	B(43,45,48,50)-0.0	77.9	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090041	B(43,45,48,50)-1.0	22.1	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090042	B(43,45,48,50)-2.0	8.59	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090043	B(49,51,53,55)-0.0	32.5	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090044	B(49,51,53,55)-1.0	3.52	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090045	B(49,51,53,55)-2.0	4.55	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090046	B(52,54,56)-0.0	50.8	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090047	B(52,54,56)-1.0	3.71	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090048	B(52,54,56)-2.0	3.57	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090049	B(57,59,61)-0.0	41.7	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090050	B(57,59,61)-1.0	3.38	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090051	B(57,59,61)-2.0	4.10	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090052	B(58,60,62)-0.0	36.9	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090053	B(58,60,62)-1.0	3.26	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090054	B(58,60,62)-2.0	3.29	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090055	B(63,65,67)-0.0	38.3	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090056	B(63,65)-1.0	22.0	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090057	B(63,65)-2.0	4.44	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090058	B(64,66,68,69)-0.0	14.7	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090059	B(64,66,68,69)-1.0	33.8	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090060	B(64,66,68,69)-2.0	22.9	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090061	B(70,71)-0.0	21.7	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090062	B(70,71)-1.0	21.4	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090063	B(70,71)-2.0	35.2	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090064	B(72,73,74,75)-0.0	29.7	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090065	B(72,73,74,75)-1.0	12.4	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090066	B(72,73,74,75)-2.0	4.83	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090067	B(76,77,78,79)-0.0	17.1	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090068	B(76,77,78,79)-1.0	4.90	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID Geocon Consultants
Workorder # 18090 **Workorder ID** I-80 Sac ADL

Parameter Lead (continued)
Method 6010B

Lab ID	Sample ID	Result	RL	Units	Collected	Analyzed	Matrix	Dilution
18090069	B(76,77,79)-2.0	3.96	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090070	B(80,81,82,83)-0.0	41.4	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090071	B(80,81,82,83)-1.0	3.79	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090072	B(80,81,82,83)-2.0	4.66	1.0	mg/Kg	07/12/07	07/27/07	Soil	1:1
18090073	B(84,85,86,87)-0.0	32.7	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090074	B(84,85,86,87)-1.0	4.51	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090075	B(84,85,86,87)-2.0	4.14	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090076	B(88,89,90,91)-0.0	18.1	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090077	B(88,89,90,91)-1.0	4.56	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090078	B(88,89,90,91)-2.0	5.12	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090079	B(92,93,94,95)-0.0	91.3	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090080	B(92,93,94,95)-1.0	4.75	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090081	B(92,93,94,95)-2.0	5.11	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090082	B(96,97,98,99)-0.0	93.8	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090083	B(96,97,98,99)-1.0	11.0	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090084	B(96,97,98,99)-2.0	8.42	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090085	B(100,101,102,103)-0.0	55.1	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090086	B(100,101,102,103)-1.0	11.4	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090087	B(100,101,102,103)-2.0	6.12	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090088	B(104,105,106,107)-0.0	54.1	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090089	B(104,105,106,107)-1.0	5.82	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090090	B(104,105,106,107)-2.0	4.55	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090091	B(108,109,110,111)-0.0	14.4	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090092	B(108,109,110,111)-1.0	6.32	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090093	B(108,109,110,111)-2.0	6.81	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090094	B(112,113,114,115)-0.0	22.1	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090095	B(112,113,114,115)-1.0	4.66	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090096	B(112,113,114,115)-2.0	6.16	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090097	B(116,117,118,119)-0.0	33.0	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090098	B(116,117,118,119)-1.0	3.09	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090099	B(116,117,118,119)-2.0	2.66	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090100	B(120,121,122,123)-0.0	9.68	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090101	B(120,121,122,123)-1.0	2.34	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090102	B(120,121,122,123)-2.0	1.93	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID Geocon Consultants
Workorder # 18090 **Workorder ID** I-80 Sac ADL

Parameter Lead (continued)
Method 6010B

Lab ID	Sample ID	Result	RL	Units	Collected	Analyzed	Matrix	Dilution
18090103	B(124,125,126,127)-0.0	33.0	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090104	B(124,125,126,127)-1.0	2.20	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090105	B(124,125,126,127)-2.0	2.01	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090106	B(128,129,130)-0.0	64.1	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090107	B(128,129,130)-1.0	10.2	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1
18090108	B(128,129,130)-2.0	19.9	1.0	mg/Kg	07/13/07	07/27/07	Soil	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 82965
Sample ID DUP for HBN 329557 [PHV/1648]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
pH	9045 PH	07/26/07	07/26/07	6.98	0.1	SU	1:1

Method Blank Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 82994
Sample ID MB for HBN 329850 [ICPV/6052]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Lead	6010B	07/25/07	07/27/07	ND	1.0	mg/Kg	1:1

Lab Control Sample Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 82995
Sample ID LCS for HBN 329850 [ICPV/6052]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Lead	6010B	07/25/07	07/27/07	52.6	1.0	mg/Kg	1:1

Lab Control Sample Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 82996
Sample ID LCSD for HBN 329850 [ICPV/6052
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Lab Control Sample Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 82996
Sample ID LCSD for HBN 329850 [ICPV/6052
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Lead	6010B	07/25/07	07/27/07	52.3	1.0	mg/Kg	1:1

Matrix Spike Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 82997
Sample ID MS for HBN 329850 [ICPV/6052]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Lead	6010B	07/25/07	07/27/07	85.7	1.0	mg/Kg	1:1

Matrix Spike Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 82998
Sample ID MSD for HBN 329850 [ICPV/6052]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Lead	6010B	07/25/07	07/27/07	108	1.0	mg/Kg	1:1

Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 82999
Sample ID DUP for HBN 329850 [ICPV/6052]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 82999
Sample ID DUP for HBN 329850 [ICPV/6052]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Lead	6010B	07/25/07	07/27/07	53.4	1.0	mg/Kg	1:1

Method Blank Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83000
Sample ID MB for HBN 329853 [ICPV/6053]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Lead	6010B	07/25/07	07/27/07	ND	1.0	mg/Kg	1:1

Lab Control Sample Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83001
Sample ID LCS for HBN 329853 [ICPV/6053]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Lead	6010B	07/25/07	07/27/07	52.3	1.0	mg/Kg	1:1

Lab Control Sample Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83002
Sample ID LCSD for HBN 329853 [ICPV/6053
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Lab Control Sample Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83002
Sample ID LCSD for HBN 329853 [ICPV/6053
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Lead	6010B	07/25/07	07/27/07	52.9	1.0	mg/Kg	1:1

Matrix Spike Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83003
Sample ID MS for HBN 329853 [ICPV/6053]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Lead	6010B	07/25/07	07/27/07	52.7	1.0	mg/Kg	1:1

Matrix Spike Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83004
Sample ID MSD for HBN 329853 [ICPV/6053]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Lead	6010B	07/25/07	07/27/07	54.1	1.0	mg/Kg	1:1

Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83005
Sample ID DUP for HBN 329853 [ICPV/6053]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83005
Sample ID DUP for HBN 329853 [ICPV/6053]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Lead	6010B	07/25/07	07/27/07	2.24	1.0	mg/Kg	1:1

Method Blank Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83006
Sample ID MB for HBN 329856 [ICPV/6054]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Lead	6010B	07/25/07	07/27/07	ND	1.0	mg/Kg	1:1

Lab Control Sample Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83007
Sample ID LCS for HBN 329856 [ICPV/6054]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Lead	6010B	07/25/07	07/27/07	52.8	1.0	mg/Kg	1:1

Lab Control Sample Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83008
Sample ID LCSD for HBN 329856 [ICPV/6054
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Lab Control Sample Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83008
Sample ID LCSD for HBN 329856 [ICPV/6054
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Lead	6010B	07/25/07	07/27/07	54.3	1.0	mg/Kg	1:1

Matrix Spike Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83009
Sample ID MS for HBN 329856 [ICPV/6054]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Lead	6010B	07/25/07	07/27/07	69.3	1.0	mg/Kg	1:1

Matrix Spike Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83010
Sample ID MSD for HBN 329856 [ICPV/6054]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Lead	6010B	07/25/07	07/27/07	68.7	1.0	mg/Kg	1:1

Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83011
Sample ID DUP for HBN 329856 [ICPV/6054]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83011
Sample ID DUP for HBN 329856 [ICPV/6054]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Lead	6010B	07/25/07	07/27/07	16.4	1.0	mg/Kg	1:1

Method Blank Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83012
Sample ID MB for HBN 329859 [ICPV/6055]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Lead	6010B	07/25/07	07/27/07	ND	1.0	mg/Kg	1:1

Lab Control Sample Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83013
Sample ID LCS for HBN 329859 [ICPV/6055]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Lead	6010B	07/25/07	07/27/07	55.7	1.0	mg/Kg	1:1

Lab Control Sample Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83014
Sample ID LCSD for HBN 329859 [ICPV/6055
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Lab Control Sample Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83014
Sample ID LCSD for HBN 329859 [ICPV/6055
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Lead	6010B	07/25/07	07/27/07	55.8	1.0	mg/Kg	1:1

Matrix Spike Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83015
Sample ID MS for HBN 329859 [ICPV/6055]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Lead	6010B	07/25/07	07/27/07	76.5	1.0	mg/Kg	1:1

Matrix Spike Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83016
Sample ID MSD for HBN 329859 [ICPV/6055]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Lead	6010B	07/25/07	07/27/07	77.0	1.0	mg/Kg	1:1

Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83017
Sample ID DUP for HBN 329859 [ICPV/6055]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83017
Sample ID DUP for HBN 329859 [ICPV/6055]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Lead	6010B	07/25/07	07/27/07	21.0	1.0	mg/Kg	1:1

Method Blank Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83018
Sample ID MB for HBN 329862 [ICPV/6056]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Lead	6010B	07/25/07	07/27/07	ND	1.0	mg/Kg	1:1

Lab Control Sample Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83019
Sample ID LCS for HBN 329862 [ICPV/6056]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Lead	6010B	07/25/07	07/27/07	57.3	1.0	mg/Kg	1:1

Lab Control Sample Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83020
Sample ID LCSD for HBN 329862 [ICPV/6056
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Lab Control Sample Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83020
Sample ID LCSD for HBN 329862 [ICPV/6056
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Lead	6010B	07/25/07	07/27/07	57.7	1.0	mg/Kg	1:1

Matrix Spike Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83021
Sample ID MS for HBN 329862 [ICPV/6056]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Lead	6010B	07/25/07	07/27/07	59.8	1.0	mg/Kg	1:1

Matrix Spike Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83022
Sample ID MSD for HBN 329862 [ICPV/6056]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Lead	6010B	07/25/07	07/27/07	58.3	1.0	mg/Kg	1:1

Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83023
Sample ID DUP for HBN 329862 [ICPV/6056]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83023
Sample ID DUP for HBN 329862 [ICPV/6056]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Lead	6010B	07/25/07	07/27/07	5.19	1.0	mg/Kg	1:1

Method Blank Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83024
Sample ID MB for HBN 329865 [ICPV/6057]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Lead	6010B	07/25/07	07/27/07	ND	1.0	mg/Kg	1:1

Lab Control Sample Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83025
Sample ID LCS for HBN 329865 [ICPV/6057]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Lead	6010B	07/25/07	07/27/07	52.9	1.0	mg/Kg	1:1

Lab Control Sample Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83026
Sample ID LCSD for HBN 329865 [ICPV/6057
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Lab Control Sample Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83026
Sample ID LCSD for HBN 329865 [ICPV/6057
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Lead	6010B	07/25/07	07/27/07	52.6	1.0	mg/Kg	1:1

Matrix Spike Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83027
Sample ID MS for HBN 329865 [ICPV/6057]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Lead	6010B	07/25/07	07/27/07	53.9	1.0	mg/Kg	1:1

Matrix Spike Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83028
Sample ID MSD for HBN 329865 [ICPV/6057]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Lead	6010B	07/25/07	07/27/07	54.5	1.0	mg/Kg	1:1

Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83029
Sample ID DUP for HBN 329865 [ICPV/6057]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Duplicate Report

Client ID	Geocon Consultants
Workorder ID	I-80 Sac ADL
Laboratory ID	83029
Sample ID	DUP for HBN 329865 [ICPV/6057]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Lead	6010B	07/25/07	07/27/07	2.54	1.0	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

QC SUMMARY

Client ID	Geocon Consultants		
Workorder ID	I-80 Sac ADL		
QC Batch	PHX 1599	**Original**	18090001
Matrix	Soil	**Sample**	**Duplicate [82965]**

Parameter	**RPD**	**RPD Limits**
pH	0	

Client ID	Geocon Consultants		
Workorder ID	I-80 Sac ADL		
QC Batch	ICPP 6079	**Original**	18090001
Matrix	Soil	**Sample**	**Duplicate [82999]**

Parameter	**RPD**	**RPD Limits**
Lead	37.3*	(35)

* High RPD due to sample matrix effect.

Client ID	Geocon Consultants		
Workorder ID	I-80 Sac ADL		
QC Batch	ICPP 6080	**Original**	18090021
Matrix	Soil	**Sample**	**Duplicate [83005]**

Parameter	**RPD**	**RPD Limits**
Lead	29.0	(35)

Client ID	Geocon Consultants		
Workorder ID	I-80 Sac ADL		
QC Batch	ICPP 6081	**Original**	18090041
Matrix	Soil	**Sample**	**Duplicate [83011]**

Parameter	**RPD**	**RPD Limits**
Lead	29.6	(35)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

QC SUMMARY

Client ID	Geocon Consultants		
Workorder ID	I-80 Sac ADL		
QC Batch	ICPP 6082	**Original**	18090061
Matrix	Soil	**Sample**	**Duplicate [83017]**

Parameter	**RPD**	**RPD Limits**
Lead	3.28	(35)

Client ID	Geocon Consultants		
Workorder ID	I-80 Sac ADL		
QC Batch	ICPP 6083	**Original**	18090081
Matrix	Soil	**Sample**	**Duplicate [83023]**

Parameter	**RPD**	**RPD Limits**
Lead	1.55	(35)

Client ID	Geocon Consultants		
Workorder ID	I-80 Sac ADL		
QC Batch	ICPP 6084	**Original**	18090101
Matrix	Soil	**Sample**	**Duplicate [83029]**

Parameter	**RPD**	**RPD Limits**
Lead	8.20	(35)

Client ID	Geocon Consultants		
Workorder ID	I-80 Sac ADL		
QC Batch	ICPP 6079	**Original**	18090001
Matrix	Soil	**Samples**	Matrix Spike [82997] Matrix Spike Duplicate [82998]

Parameter	**Spike %Recovery**	**Spike Dup %Recovery**	**Recovery Limits**	**RPD**	**RPD Limits**
Lead	98.2	143*	(75-125)	37.1**	(35 MAX)

* High MSD recovery due to sample matrix effect.

** High RPD due to sample matrix effect.

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

QC SUMMARY

Client ID	Geocon Consultants		
Workorder ID	I-80 Sac ADL		
QC Batch	ICPP 6080	**Original**	18090021
Matrix	Soil	**Samples**	Matrix Spike [83003] Matrix Spike Duplicate [83004]

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
Lead	99.4	102	(75-125)	2.58	(35 MAX)

Client ID	Geocon Consultants		
Workorder ID	I-80 Sac ADL		
QC Batch	ICPP 6081	**Original**	18090041
Matrix	Soil	**Samples**	Matrix Spike [83009] Matrix Spike Duplicate [83010]

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
Lead	94.4	93.2	(75-125)	1.28	(35 MAX)

Client ID	Geocon Consultants		
Workorder ID	I-80 Sac ADL		
QC Batch	ICPP 6082	**Original**	18090061
Matrix	Soil	**Samples**	Matrix Spike [83015] Matrix Spike Duplicate [83016]

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
Lead	110	111	(75-125)	0.9050	(35 MAX)

Client ID	Geocon Consultants		
Workorder ID	I-80 Sac ADL		
QC Batch	ICPP 6083	**Original**	18090081
Matrix	Soil	**Samples**	Matrix Spike [83021] Matrix Spike Duplicate [83022]

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
Lead	109	106	(75-125)	2.79	(35 MAX)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

QC SUMMARY

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
QC Batch ICPP 6084
Matrix Soil

Original Samples 18090101
Matrix Spike [83027]
Matrix Spike Duplicate [83028]

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
Lead	103	104	(75-125)	0.9660	(35 MAX)

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
QC Batch ICPP 6079
Matrix Soil

Samples Lab Control Sample [82995]
Lab Control Sample Duplicate [82996]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
Lead	105	105	(80-120)	0000	(20 MAX)

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
QC Batch ICPP 6080
Matrix Soil

Samples Lab Control Sample [83001]
Lab Control Sample Duplicate [83002]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
Lead	105	106	(80-120)	0.9480	(20 MAX)

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
QC Batch ICPP 6081
Matrix Soil

Samples Lab Control Sample [83007]
Lab Control Sample Duplicate [83008]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
Lead	106	109	(80-120)	2.79	(20 MAX)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

QC SUMMARY

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
QC Batch ICPP 6082
Matrix Soil

Samples Lab Control Sample [83013]
Lab Control Sample Duplicate [83014]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
Lead	111	112	(80-120)	0.8970	(20 MAX)

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
QC Batch ICPP 6083
Matrix Soil

Samples Lab Control Sample [83019]
Lab Control Sample Duplicate [83020]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
Lead	115	115	(80-120)	0000	(20 MAX)

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
QC Batch ICPP 6084
Matrix Soil

Samples Lab Control Sample [83025]
Lab Control Sample Duplicate [83026]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
Lead	106	105	(80-120)	0.9480	(20 MAX)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

18090

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend / R. Silva

California EDF Report? ☐ Yes ☑ No

Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800, Rancho Cordova, CA 95742

Sampling Company Log Code:

Phone #: 916.852.9118 | Fax #: 916.852.9132

Global ID:

Project #: ~~00057~~ SB03-06-171

P.O. #:

EDF Deliverable To (Email Address): juhrend@geoconinc.com

Project Name: I-80 Sac ADL

Sampler Signature:

Project Address: Sacramento, CA

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None	Matrix: Water	Soil	Air	MTBE\BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Organics Full List (EPA 8260B)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (EPA 9045)	Chromium (EPA 7000)	TAT 1 wk
1) B1-0.0	7/16/07	0945						X					X									X				X
2) B1-1.0		0946																				X				X
3) B1-2.0		0947																				X		RS		X
4) B2-0.0		1000																				X				X
5) B2-1.0		1001																				X				X
6) B2-2.0		1002																				X				X
7) B3-0.0		1010																				X				X
8) B3-1.0		1011																				X				X
9) B3-2.0		1012																				X				X
10) B4-0.0		1020																				X				X

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☑ 1 wk *

RS RS

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon storage
Rebecca Silva	7/16/07	1445	[signature]

Remarks:
CalTrans Contract 03A0937
Need EDD
*Standard 2-week TAT on all composite samples

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend

California EDF Report? ☐ Yes ☑ No

Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800, Rancho Cordova, CA 95742

Sampling Company Log Code:

Phone #: 916.852.9118 | Fax #: 916.852.9132

Global ID:

Project #: S~~[illegible]~~-06-171 | P.O. #:

EDF Deliverable To (Email Address): juhrend@geoconinc.com

Project Name: I-80 Sac ADL

Sampler Signature:

Project Address: Sacramento, CA

Analysis Request

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☑ 1 wk

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None			Matrix: Water	Soil	Air	MTBE|BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Organics Full List (EPA 8260B)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (EPA 9045)	Chromium (EPA 7000)
1) B4-1.0 ✓	7/11/07	1021						X							X									X		RS	
2) B4-2.0 ✓		1022																									
3) B5-0.0 ✓		1030																									
4) B5-1.0 ✓		1031																									
5) B5-2.0 ✓		1032																									
6) B6-0.0 ✓		1040																									
7) B6-1.0 ✓		1041																									
8) B6-2.0 ✓		1042																									
9) B7-0.0 ✓		1050																									
10) B7-1.0 ✓	✓	1051						✓							✓									✓			

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1445	Geocon Storage
Relinquished by: [signature]	Date 7/16/07	Time 1445	Received by: [signature]
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

RS

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend	California EDF Report? ☐ Yes ☑ No
Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800 Rancho Cordova, CA 95742	Sampling Company Log Code:
Phone #: 916.852.9118 / Fax #: 916.852.9132	Global ID:
Project #: ~~98857~~-06-171 / P.O. #:	EDF Deliverable To (Email Address): juhrend@geoconinc.com
Project Name: I-80 Sac ADL	Sampler Signature:
Project Address: Sacramento, CA	

Analysis Request

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None			Matrix: Water	Soil	Air	MTBE\BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Organics Full List (EPA 8260B)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (EPA 9045)	Chromium (EPA 7000)	TAT: 12 hr	24 hr	48 hr	72 hr	1 wk
1) B7-2.0 ✓	7/11/07	1052						X							X									X								X
2) B8-0.0 ✓		1105																														
3) B8-1.0 ✓		1106																														
4) B8-2.0 ✓		1107																														
5) B9-0.0 ✓		1115																														
6) B9-1.0 ✓		1116																														
7) B9-2.0 ✓		1117																														
8) B10-0.0 ✓		1125																														
9) B10-1.0 ✓		1126																														
10) B10-2.0 ✓	✓	1127						✓							✓									✓								✓

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geoconstorage
Rebecca [signature]	7/16/07	1445	[signature]

Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend

California EDF Report? ☐ Yes ☑ No

Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800, Rancho Cordova, CA 95742

Sampling Company Log Code:

Phone #: 916.852.9118 | Fax #: 916.852.9132

Global ID:

Project #: ~~S0857~~-06-171 | P.O. #:

EDF Deliverable To (Email Address): juhrend@geoconinc.com

Project Name: I-80 Sac ADL

Sampler Signature:

Project Address: Sacramento, CA

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None			Matrix: Water	Soil	Air			MTBE\BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)		Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)		Volatile Organics Full List (EPA 8260B)		TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (EPA 9045)	Chromium (EPA 7000)		TAT: 12 hr	24 hr	48 hr	72 hr	1 wk
1) B11-0.0 ✓	7/11/07	1320						X							X														X									X
2) B11-1.0 ✓		1321																																				
3) B11-2.0 ✓		1322																													X							
4) B12-0.0 ✓		1335																													RS							
5) B12-1.0 ✓		1336																																				
6) B12-2.0 ✓		1337																																				
7) B13-0.0 ✓		1345																																				
8) B13-1.0 ✓		1346																																				
9) B13-2.0 ✓		1347																																				
10) B14-0.0 ✓		1355																																				

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon storage
Rebecca Silva	7/16/07	1445	[signature]

Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend	California EDF Report? ☐ Yes ☑ No
Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800 Rancho Cordova, CA 95742	Sampling Company Log Code:
Phone #: 916.852.9118 / Fax #: 916.852.9132	Global ID:
Project #: ~~S0857~~-06-171 / P.O. #:	EDF Deliverable To (Email Address): juhrend@geoconinc.com
Project Name: I-80 Sac ADL	Sampler Signature:
Project Address: Sacramento, CA	

Analysis Request

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None	Matrix: Water	Soil	Air	MTBE\BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Organics Full List (EPA 8260B)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (EPA 9045)	Chromium (EPA 7000)
1) B14-1.0 ✓	7/11/07	1356						X					X												
2) B14-2.0 ✓		1357																							
3) B15-0.0 ✓		1400																							
4) B15-1.0 ✓		1401																							
5) B15-2.0 ✓		1402																							
6) B16-0.0 ✓		1405																							
7) B16-1.0 ✓		1406																							
8) B16-2.0 ✓		1407																							
9) B17-0.0 ✓		1415																							
10) B17-1.0 ✓	↓	1416						↓					↓												

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon storage
Relinquished by: [signature]	7/16/07	1445	Received by: [signature]
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend	California EDF Report? ☐ Yes ☑ No
Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800 Rancho Cordova, CA 95742	Sampling Company Log Code:
Phone #: 916.852.9118 / Fax #: 916.852.9132	Global ID:
Project #: ~~S0857~~-06-171 / P.O. #:	EDF Deliverable To (Email Address): juhrend@geoconinc.com
Project Name: I-80 Sac ADL	Sampler Signature:
Project Address: Sacramento, CA	

Analysis Request: MTBE\BTEX (EPA 8260B); TPH Gas (EPA 8015); 5 Oxygenates (EPA 8260B); Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B); Volatile Organics Full List (EPA 8260B); TPH as Diesel (EPA 8015M); TPH as Motor Oil (EPA 8015M); Total Lead (EPA 6010); W.E.T. Lead (STLC); pH (EPA 9045); Chromium (EPA 7000)

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None	Matrix: Water	Soil	Air
1) B17-2.0 ✓	7/11/07	1417						X					X	
2) B18-0.0 ✓		1420												
3) B18-1.0 ✓		1421												
4) B18-2.0 ✓		1422												
5) B19-0.0 ✓		1425												
6) B19-1.0 ✓		1426												
7) B19-2.0 ✓		1427												
8) B20-0.0 ✓		1435												
9) B20-1.0 ✓		1436												
10) B20-2.0 ✓	✓	1437						✓					✓	

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Storage
Relinquished by: [signature]	Date 7/16/07	Time 1445	Received by: [signature]
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend	California EDF Report? ☐ Yes ☑ No
Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800 Rancho Cordova, CA 95742	Sampling Company Log Code:
Phone #: 916.852.9118 / Fax #: 916.852.9132	Global ID:
Project #: ~~S8057~~-06-171 / P.O. #:	EDF Deliverable To (Email Address): juhrend@geoconinc.com
Project Name: I-80 Sac ADL	Sampler Signature:
Project Address: Sacramento, CA	

Analysis Request: MTBE\BTEX (EPA 8260B); TPH Gas (EPA 8015); 5 Oxygenates (EPA 8260B); Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B); Volatile Organics Full List (EPA 8260B); TPH as Diesel (EPA 8015M); TPH as Motor Oil (EPA 8015M); Total Lead (EPA 6010); W.E.T. Lead (STLC); pH (EPA 9045); Chromium (EPA 7000)

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

Sample Designation	Sampling Date	Sampling Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	HCl	HNO_3	None			Water	Soil	Air
1) B21-0.0 ✓	7/11/07	1440						X							X	
2) B21-1.0 ✓		1441														
3) B21-2.0 ✓		1442														
4) B22-0.0 ✓		1445														
5) B22-1.0 ✓		1446														
6) B22-2.0 ✓		1447														
7) B23-0.0 ✓		1455														
8) B23-1.0 ✓		1456														
9) B23-2.0 ✓		1457														
10) B24-0.0 ✓		1500														

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Storage
Relinquished by: [signature]	Date 7/16/07	Time 1445	Received by: [signature]
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend	California EDF Report? ☐ Yes ☑ No
Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800 Rancho Cordova, CA 95742	Sampling Company Log Code:
Phone #: 916.852.9118 / Fax #: 916.852.9132	Global ID:
Project #: ~~S9857~~-06-171 / P.O. #:	EDF Deliverable To (Email Address): juhrend@geoconinc.com
Project Name: I-80 Sac ADL	Sampler Signature:
Project Address: Sacramento, CA	

Analysis Request: MTBE\BTEX (EPA 8260B); TPH Gas (EPA 8015); 5 Oxygenates (EPA 8260B); Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B); Volatile Organics Full List (EPA 8260B); TPH as Diesel (EPA 8015M); TPH as Motor Oil (EPA 8015M); Total Lead (EPA 6010); W.E.T. Lead (STLC); pH (EPA 9045); Chromium (EPA 7000)

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

Sample Designation	Sampling Date	Sampling Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	HCl	HNO_3	None			Water	Soil	Air
1) B24-1.0 ✓	7/11/07	1501						X							X	
2) B24-2.0 ✓		1502														
3) B25-0.0 ✓		1505														
4) B25-1.0 ✓		1506														
5) B25-2.0 ✓		1507														
6) B26-0.0 ✓	7/12/07	0855														
7) B26-1.0 ✓		0856														
8) B26-2.0 ✓		0857														
9) B27-0.0 ✓		0900														
10) B27-1.0 ✓		0901														

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Storage
Relinquished by: [signature]	Date 7/16/07	Time 1445	Received by: [signature]
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend	California EDF Report? ☐ Yes ☑ No
Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800 Rancho Cordova, CA 95742	Sampling Company Log Code:
Phone #: 916.852.9118 / Fax #: 916.852.9132	Global ID:
Project #: ~~S9857~~-06-171 / P.O. #:	EDF Deliverable To (Email Address): juhrend@geoconinc.com
Project Name: I-80 Sac ADL	Sampler Signature:
Project Address: Sacramento, CA	

Analysis Request: MTBE\BTEX (EPA 8260B); TPH Gas (EPA 8015); 5 Oxygenates (EPA 8260B); Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B); Volatile Organics Full List (EPA 8260B); TPH as Diesel (EPA 8015M); TPH as Motor Oil (EPA 8015M); Total Lead (EPA 6010); W.E.T. Lead (STLC); pH (EPA 9045); Chromium (EPA 7000)

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

Sample Designation	Sampling Date	Sampling Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	HCl	HNO_3	None			Water	Soil	Air
1) B27-2.0	7/12/07	0902						X							X	
2) B28-0.0		0905														
3) B28-1.0		0906														
4) B28-2.0		0907														
5) B29-0.0		0910														
6) B29-1.0		0911														
7) B29-2.0		0912														
8) B30-0.0		0915														
9) B30-1.0		0916														
10) B30-2.0		0917														

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Storage
[signature]	7/16/07	1445	[signature]

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend	California EDF Report? ☐ Yes ☑ No
Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800, Rancho Cordova, CA 95742	Sampling Company Log Code:
Phone #: 916.852.9118 / Fax #: 916.852.9132	Global ID:
Project #: ~~S8657~~-06-171 / P.O. #:	EDF Deliverable To (Email Address): juhrend@geoconinc.com
Project Name: I-80 Sac ADL	Sampler Signature:
Project Address: Sacramento, CA	

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None			Matrix: Water	Soil	Air			Analysis Request: MTBE\BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)		Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)		Volatile Organics Full List (EPA 8260B)		TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (EPA 9045)	Chromium (EPA 7000)		TAT: 12 hr / 24 hr / 48 hr / 72 hr / 1 wk
1) B31-0.0	7/12/07	0925						X							X																			
2) B31-1.0		0926																																
3) B31-2.0		0927																																
4) B32-0.0		0930																																
5) B32-1.0		0931																																
6) B32-2.0		0932																																
7) B33-0.0		0940																																
8) B33-1.0		0941																																
9) B33-2.0		0942																																
10) B34-0.0		0945																																

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Store
Rebecca Stone	7/16/07	1445	[signature]

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend

California EDF Report? ☐ Yes ☑ No

Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800, Rancho Cordova, CA 95742

Sampling Company Log Code:

Phone #: 916.852.9118 | Fax #: 916.852.9132

Global ID:

Project #: S~~2957~~-06-171 | P.O. #:

EDF Deliverable To (Email Address): juhrend@geoconinc.com

Project Name: I-80 Sac ADL

Sampler Signature:

Project Address: Sacramento, CA

Analysis Request

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None	Matrix: Water	Soil	Air	MTBE\BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Organics Full List (EPA 8260B)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (EPA 9045)	Chromium (EPA 7000)
1) B34-1.0 ✓	7/12/07	0946						X					X												
2) B34-2.0 ✓		0947																							
3) B35-0.0 ✓		0950																							
4) B35-1.0 ✓		0951																							
5) B35-2.0 ✓		0952																							
6) B36-0.0 ✓		0955																							
7) B36-1.0 ✓		0956																							
8) B36-2.0 ✓		0957																							
9) B37-0.0 ✓		1000																							
10) B37-1.0 ✓	↓	1001						↓					↓												

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Store
Relinquished by: [signature]	7/16/07	1445	Received by: [signature]
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend

California EDF Report? ☐ Yes ☑ No

Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800, Rancho Cordova, CA 95742

Sampling Company Log Code:

Phone #: 916.852.9118 | Fax #: 916.852.9132

Global ID:

Project #: S9857-06-171 | P.O. #:

EDF Deliverable To (Email Address): juhrend@geoconinc.com

Project Name: I-80 Sac ADL

Sampler Signature:

Project Address: Sacramento, CA

Analysis Request: MTBE\BTEX (EPA 8260B); TPH Gas (EPA 8015); 5 Oxygenates (EPA 8260B); Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B); Volatile Organics Full List (EPA 8260B); TPH as Diesel (EPA 8015M); TPH as Motor Oil (EPA 8015M); Total Lead (EPA 6010); W.E.T. Lead (STLC); pH (EPA 9045); Chromium (EPA 7000)

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

Sample Designation	Sampling Date	Sampling Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	HCl	HNO_3	None			Water	Soil	Air
1) B37-2.0	7/12/07	1002						X							X	
2) B38-0.0		1010														
3) B38-1.0		1011														
4) B38-2.0		1012														
5) B39-0.0		1015														
6) B39-1.0		1016														
7) B39-2.0		1017														
8) B40-0.0		1020														
9) B40-1.0		1021														
10) B40-2.0		1022														

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Store
[signature]	7/14/07	1445	[signature]
			Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend

California EDF Report? ☐ Yes ☑ No

Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800, Rancho Cordova, CA 95742

Sampling Company Log Code:

Phone #: 916.852.9118 | Fax #: 916.852.9132

Global ID:

Project #: ~~S8937~~-06-171 | P.O. #:

EDF Deliverable To (Email Address): juhrend@geoconinc.com

Project Name: I-80 Sac ADL

Sampler Signature:

Project Address: Sacramento, CA

Sample Designation	Sampling Date	Sampling Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	HCl	HNO_3	None			Water	Soil	Air
1) B41-0.0	7/12/07	1025						X							X	
2) B41-1.0		1026														
3) B41-2.0		1027														
4) B42-0.0		1030														
5) B42-1.0		1031														
6) B42-2.0		1032														
7) B43-0.0		1040														
8) B43-1.0		1041														
9) B43-2.0		1042														
10) B44-0.0		1045														

Analysis Request: MTBE\BTEX (EPA 8260B); TPH Gas (EPA 8015); 5 Oxygenates (EPA 8260B); Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B); Volatile Organics Full List (EPA 8260B); TPH as Diesel (EPA 8015M); TPH as Motor Oil (EPA 8015M); Total Lead (EPA 6010); W.E.T. Lead (STLC); pH (EPA 9045); Chromium (EPA 7000)

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Store
[signature]	7/16/07	1445	[signature]
			Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend

California EDF Report? ☐ Yes ☑ No

Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800, Rancho Cordova, CA 95742

Sampling Company Log Code:

Phone #: 916.852.9118 | Fax #: 916.852.9132

Global ID:

Project #: S9857-06-171 | P.O. #:

EDF Deliverable To (Email Address): juhrend@geoconinc.com

Project Name: I-80 Sac ADL

Sampler Signature:

Project Address: Sacramento, CA

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None			Matrix: Water	Soil	Air
1) B44-1.0 ✓	7/12/07	1046						X							X	
2) B44-2.0 ✓		1047														
3) B45-0.0 ✓		1055														
4) B45-1.0 ✓		1056														
5) B45-2.0 ✓		1057														
6) B46-0.0 ✓		1100														
7) B46-1.0 ✓		1101														
8) B46-2.0 ✓		1102														
9) B47-0.0 ✓		1110														
10) B47-1.0 ✓		1116														

Analysis Request: MTBE\BTEX (EPA 8260B); TPH Gas (EPA 8015); 5 Oxygenates (EPA 8260B); Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B); Volatile Organics Full List (EPA 8260B); TPH as Diesel (EPA 8015M); TPH as Motor Oil (EPA 8015M); Total Lead (EPA 6010); W.E.T. Lead (STLC); pH (EPA 9045); Chromium (EPA 7000)

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Storage
Relinquished by: [signature]	Date 7/16/07	Time 1445	Received by: [signature]
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend	California EDF Report? ☐ Yes ☑ No
Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800 Rancho Cordova, CA 95742	Sampling Company Log Code:
Phone #: 916.852.9118 / Fax #: 916.852.9132	Global ID:
Project #: S9857-06-171 / P.O. #:	EDF Deliverable To (Email Address): juhrend@geoconinc.com
Project Name: I-80 Sac ADL	Sampler Signature:
Project Address: Sacramento, CA	

Analysis Request: MTBE/BTEX (EPA 8260B); TPH Gas (EPA 8015); 5 Oxygenates (EPA 8260B); Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B); Volatile Organics Full List (EPA 8260B); TPH as Diesel (EPA 8015M); TPH as Motor Oil (EPA 8015M); Total Lead (EPA 6010); W.E.T. Lead (STLC); pH (EPA 9045); Chromium (EPA 7000)

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None			Matrix: Water	Soil	Air
1) B47-2.0 ✓	7/12/07	1112						X							X	
2) B48-0.0 ✓		1115														
3) B48-1.0 ✓		1116														
4) B48-2.0 ✓		1117														
5) B49-0.0 ✓		1120														
6) B49-1.0 ✓		1121														
7) B49-2.0 ✓		1122														
8) B50-0.0 ✓		1130														
9) B50-1.0 ✓		1131														
10) B50-2.0 ✓	✓	1132						✓							✓	

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Store
Relinquished by: [signature]	7/14/07	1445	Received by: [signature]
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend

California EDF Report? ☐ Yes ☑ No

Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800, Rancho Cordova, CA 95742

Sampling Company Log Code:

Phone #: 916.852.9118 | Fax #: 916.852.9132

Global ID:

Project #: ~~S8957~~-06-171 | P.O. #:

EDF Deliverable To (Email Address): juhrend@geoconinc.com

Project Name: I-80 Sac ADL

Sampler Signature:

Project Address: Sacramento, CA

Sample Designation	Sampling Date	Sampling Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	HCl	HNO_3	None			Water	Soil	Air
1) B51-0.0	7/12/07	1140						X							X	
2) B51-1.0		1141														
3) B51-2.0		1142														
4) B52-0.0		1145														
5) B52-1.0		1146														
6) B52-2.0		1147														
7) B53-0.0		1150														
8) B53-1.0		1151														
9) B53-2.0		1152														
10) B54-0.0		1200														

Analysis Request

MTBE\BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Organics Full List (EPA 8260B)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (EPA 9045)	Chromium (EPA 7000)

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon store
Relinquished by: [signature]	Date 7/16/07	Time 1445	Received by: [signature]
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend	California EDF Report? ☐ Yes ☑ No
Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800 Rancho Cordova, CA 95742	Sampling Company Log Code:
Phone #: 916.852.9118 / Fax #: 916.852.9132	Global ID:
Project #: S9657-06-171 / P.O. #:	EDF Deliverable To (Email Address): juhrend@geoconinc.com
Project Name: I-80 Sac ADL	Sampler Signature:
Project Address: Sacramento, CA	

Analysis Request

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None			Matrix: Water	Soil	Air	MTBE\BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Organics Full List (EPA 8260B)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (EPA 9045)	Chromium (EPA 7000)
1) B54-1.0	7/12/07	1201						X							X												
2) B54-2.0		1202																									
3) B55-0.0		1205																									
4) B55-1.0		1206																									
5) B55-2.0		1207																									
6) B56-0.0		1210																									
7) B56-1.0		1211																									
8) B56-2.0		1212																									
9) B57-0.0		1220																									
10) B57-1.0		1221																									

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Store
Relinquished by: [signature]	7/16/07	1445	Received by: [signature]
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend	California EDF Report? ☐ Yes ☑ No
Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800, Rancho Cordova, CA 95742	Sampling Company Log Code:
Phone #: 916.852.9118 / Fax #: 916.852.9132	Global ID:
Project #: S~~8687~~-06-171 / P.O. #:	EDF Deliverable To (Email Address): juhrend@geoconinc.com
Project Name: I-80 Sac ADL	Sampler Signature:
Project Address: Sacramento, CA	

Analysis Request: MTBE\BTEX (EPA 8260B); TPH Gas (EPA 8015); 5 Oxygenates (EPA 8260B); Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B); Volatile Organics Full List (EPA 8260B); TPH as Diesel (EPA 8015M); TPH as Motor Oil (EPA 8015M); Total Lead (EPA 6010); W.E.T. Lead (STLC); pH (EPA 9045); Chromium (EPA 7000)

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

Sample Designation	Sampling Date	Sampling Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	HCl	HNO_3	None			Water	Soil	Air
1) B57-2.0	7/12/07	1222						X							X	
2) B58-0.0		1230														
3) B58-1.0		1231														
4) B58-2.0		1232														
5) B59-0.0		1235														
6) B59-1.0		1236														
7) B59-2.0		1237														
8) B60-0.0		1245														
9) B60-1.0		1246														
10) B60-2.0		1247														

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	[signature] Geocon Store
Relinquished by: [signature]	7/16/07	1445	Received by: [signature]
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend

California EDF Report? ☐ Yes ☑ No

Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800, Rancho Cordova, CA 95742

Sampling Company Log Code:

Phone #: 916.852.9118 | Fax #: 916.852.9132

Global ID:

Project #: S8857-06-171 | P.O. #:

EDF Deliverable To (Email Address): juhrend@geoconinc.com

Project Name: I-80 Sac ADL

Sampler Signature:

Project Address: Sacramento, CA

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None			Matrix: Water	Soil	Air
1) B61-0.0	7/12/07	1255						X							X	
2) B61-1.0		1256														
3) B61-2.0		1257														
4) B62-0.0		1300														
5) B62-1.0		1301														
6) B62-2.0		1302														
7) B63-0.0		1310														
8) B63-1.0		1311														
9) B63-2.0		1312														
10) B64-0.0		1320														

Analysis Request: MTBE\BTEX (EPA 8260B); TPH Gas (EPA 8015); 5 Oxygenates (EPA 8260B); Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B); Volatile Organics Full List (EPA 8260B); TPH as Diesel (EPA 8015M); TPH as Motor Oil (EPA 8015M); Total Lead (EPA 6010); W.E.T. Lead (STLC); pH (EPA 9045); Chromium (EPA 7000)

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Store
[signature]	7/16/07	1145	[signature]
			Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend

California EDF Report? ☐ Yes ☑ No

Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800, Rancho Cordova, CA 95742

Sampling Company Log Code:

Phone #: 916.852.9118 | Fax #: 916.852.9132

Global ID:

Project #: S8857-06-171 | P.O. #:

EDF Deliverable To (Email Address): juhrend@geoconinc.com

Project Name: I-80 Sac ADL

Sampler Signature:

Project Address: Sacramento, CA

Analysis Request: MTBE\BTEX (EPA 8260B); TPH Gas (EPA 8015); 5 Oxygenates (EPA 8260B); Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B); Volatile Organics Full List (EPA 8260B); TPH as Diesel (EPA 8015M); TPH as Motor Oil (EPA 8015M); Total Lead (EPA 6010); W.E.T. Lead (STLC); pH (EPA 9045); Chromium (EPA 7000)

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

Sample Designation	Sampling Date	Sampling Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	HCl	HNO_3	None			Water	Soil	Air
1) B4-1.0	7/12/07	1321						X							X	
2) B64-2.0		1322														
3) B65-0.0		1325														
4) B65-1.0		1326														
5) B65-2.0		1327														
6) B66-0.0		1330														
7) B66-1.0		1331														
8) B66-2.0		1332														
9) B67-0.0		1345														
10) B68-0.0		1350														

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Store
[signature]	7/16/07	1445	[signature]

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend

California EDF Report? ☐ Yes ☑ No

Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800, Rancho Cordova, CA 95742

Sampling Company Log Code:

Phone #: 916.852.9118 | Fax #: 916.852.9132

Global ID:

Project #: ~~S8857~~-06-171 | P.O. #:

EDF Deliverable To (Email Address): juhrend@geoconinc.com

Project Name: I-80 Sac ADL

Sampler Signature:

Project Address: Sacramento, CA

Sample Designation	Sampling Date	Sampling Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	HCl	HNO_3	None			Water	Soil	Air
1) B68-1.0	7/12/07	1351						X							X	
2) B68-2.0		1352														
3) B69-0.0		1355														
4) B69-1.0		1356														
5) B69-2.0		1357														
6) B70-0.0		1410														
7) B70-1.0		1411														
8) B70-2.0		1412														
9) B71-0.0		1420														
10) B71-1.0		1421														

Analysis Request: MTBE\BTEX (EPA 8260B); TPH Gas (EPA 8015); 5 Oxygenates (EPA 8260B); Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B); Volatile Organics Full List (EPA 8260B); TPH as Diesel (EPA 8015M); TPH as Motor Oil (EPA 8015M); Total Lead (EPA 6010); W.E.T. Lead (STLC); pH (EPA 9045); Chromium (EPA 7000)

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1445	Geocon Stone
Relinquished by: [signature]	Date 7/13/07	Time 1445	Received by: [signature]
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend	California EDF Report? ☐ Yes ☑ No
Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800 Rancho Cordova, CA 95742	Sampling Company Log Code:
Phone #: 916.852.9118 / Fax #: 916.852.9132	Global ID:
Project #: ~~S8857~~-06-171 / P.O. #:	EDF Deliverable To (Email Address): juhrend@geoconinc.com
Project Name: I-80 Sac ADL	Sampler Signature:
Project Address: Sacramento, CA	

Analysis Request: MTBE\BTEX (EPA 8260B); TPH Gas (EPA 8015); 5 Oxygenates (EPA 8260B); Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B); Volatile Organics Full List (EPA 8260B); TPH as Diesel (EPA 8015M); TPH as Motor Oil (EPA 8015M); Total Lead (EPA 6010); W.E.T. Lead (STLC); pH (EPA 9045); Chromium (EPA 7000)

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None			Matrix: Water	Soil	Air
1) B71-2.0	7/12/07	1422						X							X	
2) B72-0.0		1435														
3) B72-1.0		1436														
4) B72-2.0		1437														
5) B73-0.0		1440														
6) B73-1.0		1441														
7) B73-2.0		1442														
8) B74-0.0		1445														
9) B74-1.0		1446														
10) B74-2.0		1447														

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Store
Relinquished by: [signature]	Date 7/16/07	Time 1445	Received by: [signature]
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend	California EDF Report? ☐ Yes ☑ No
Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800 Rancho Cordova, CA 95742	Sampling Company Log Code:
Phone #: 916.852.9118 / Fax #: 916.852.9132	Global ID:
Project #: S8857-06-171 / P.O. #:	EDF Deliverable To (Email Address): juhrend@geoconinc.com
Project Name: I-80 Sac ADL	Sampler Signature:
Project Address: Sacramento, CA	

Analysis Request: MTBE\BTEX (EPA 8260B); TPH Gas (EPA 8015); 5 Oxygenates (EPA 8260B); Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B); Volatile Organics Full List (EPA 8260B); TPH as Diesel (EPA 8015M); TPH as Motor Oil (EPA 8015M); Total Lead (EPA 6010); W.E.T. Lead (STLC); pH (EPA 9045); Chromium (EPA 7000)

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None			Matrix: Water	Soil	Air
1) B75-0.0	7/12/07	1455						X							X	
2) B75-1.0		1456														
3) B75-2.0		1457														
4) B76-0.0		1505														
5) B76-1.0		1506														
6) B76-2.0		1507														
7) B77-0.0		1510														
8) B77-1.0		1511														
9) B77-2.0		1512														
10) B78-0.0		1514														

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	George Stone
Relinquished by: [signature]	Date 7/16/07	Time 1445	Received by: [signature]
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend

California EDF Report? ☐ Yes ☑ No

Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800, Rancho Cordova, CA 95742

Sampling Company Log Code:

Phone #: 916.852.9118 | Fax #: 916.852.9132

Global ID:

Project #: S8857-06-171 | P.O. #:

EDF Deliverable To (Email Address): juhrend@geoconinc.com

Project Name: I-80 Sac ADL

Sampler Signature:

Project Address: Sacramento, CA

Sample Designation	Sampling Date	Sampling Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	HCl	HNO_3	None			Water	Soil	Air
1) B78-1.0	7/12/07	1515						X							X	
2) B79-0.0		1520														
3) B79-1.0		1521														
4) B79-2.0		1522														
5) B80-0.0		1525														
6) B80-1.0		1526														
7) B80-2.0		1527														
8) B81-0.0	7/13/07	0840														
9) B81-1.0		0841														
10) B81-2.0		0842														

Analysis Request: MTBE\BTEX (EPA 8260B); TPH Gas (EPA 8015); 5 Oxygenates (EPA 8260B); Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B); Volatile Organics Full List (EPA 8260B); TPH as Diesel (EPA 8015M); TPH as Motor Oil (EPA 8015M); Total Lead (EPA 6010); W.E.T. Lead (STLC); pH (EPA 9045); Chromium (EPA 7000)

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Store
Relinquished by: [signature]	7/16/07	1445	Received by: [signature]
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend	California EDF Report? ☐ Yes ☑ No
Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800 Rancho Cordova, CA 95742	Sampling Company Log Code:
Phone #: 916.852.9118 / Fax #: 916.852.9132	Global ID:
Project #: S8857-06-171 / P.O. #:	EDF Deliverable To (Email Address): juhrend@geoconinc.com
Project Name: I-80 Sac ADL	Sampler Signature:
Project Address: Sacramento, CA	

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None			Matrix: Water	Soil	Air
1) B82-0.0	7/13/07	0850						X							X	
2) B82-1.0	↓	0851						↓							↓	
3) B82-2.0		0852														
4) B83-0.0		0900														
5) B83-1.0		0901														
6) B83-2.0		0902														
7) B84-0.0		0905														
8) B84-1.0		0906														
9) B84-2.0		0907														
10) B85-0.0	↓	0910						X							X	

Analysis Request: MTBE\BTEX (EPA 8260B); TPH Gas (EPA 8015); 5 Oxygenates (EPA 8260B); Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B); Volatile Organics Full List (EPA 8260B); TPH as Diesel (EPA 8015M); TPH as Motor Oil (EPA 8015M); Total Lead (EPA 6010); W.E.T. Lead (STLC); pH (EPA 9045); Chromium (EPA 7000)

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Store
[signature]	7/14/07	1445	[signature]
			Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend	California EDF Report? ☐ Yes ☑ No
Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800 Rancho Cordova, CA 95742	Sampling Company Log Code:
Phone #: 916.852.9118 / Fax #: 916.852.9132	Global ID:
Project #: S8857-06-171 / P.O. #:	EDF Deliverable To (Email Address): juhrend@geoconinc.com
Project Name: I-80 Sac ADL	Sampler Signature:
Project Address: Sacramento, CA	

Analysis Request: MTBE\BTEX (EPA 8260B); TPH Gas (EPA 8015); 5 Oxygenates (EPA 8260B); Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B); Volatile Organics Full List (EPA 8260B); TPH as Diesel (EPA 8015M); TPH as Motor Oil (EPA 8015M); Total Lead (EPA 6010); W.E.T. Lead (STLC); pH (EPA 9045); Chromium (EPA 7000)

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None			Matrix: Water	Soil	Air
1) B85-1.0	7/13/07	0911						X							X	
2) B85-2.0		0912														
3) B86-0.0		0915														
4) B86-1.0		0916														
5) B86-2.0		0917														
6) B87-0.0		0925														
7) B87-1.0		0926														
8) B87-2.0		0927														
9) B88-0.0		0930														
10) B88-1.0		0931														

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Store
Relinquished by: [signature]	Date 7/16/07	Time 1445	Received by: [signature]
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend	California EDF Report? ☐ Yes ☑ No
Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800 Rancho Cordova, CA 95742	Sampling Company Log Code:
Phone #: 916.852.9118 / Fax #: 916.852.9132	Global ID:
Project #: S~~0657~~-06-171 / P.O. #:	EDF Deliverable To (Email Address): juhrend@geoconinc.com
Project Name: I-80 Sac ADL	Sampler Signature:
Project Address: Sacramento, CA	

Analysis Request

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None	Matrix: Water	Soil	Air	MTBE\BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Organics Full List (EPA 8260B)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (EPA 9045)	Chromium (EPA 7000)
1) B88-2.0	7/13/07	0932						X					X												
2) B89-0.0		0935																							
3) B89-1.0		0936																							
4) B89-2.0		0937																							
5) B90-0.0		0940																							
6) B90-1.0		0941																							
7) B90-2.0		0942																							
8) B91-0.0		0950																							
9) B91-1.0		0951																							
10) B91-2.0		0952																							

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Store
[signature]	7/14/07	1445	[signature]
			Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend

California EDF Report? ☐ Yes ☑ No

Company / Address:
Geocon, 3160 Gold Valley Dr. Suite 800
Rancho Cordova, CA 95742

Sampling Company Log Code:

Phone #: 916.852.9118 | Fax #: 916.852.9132

Global ID:

Project #: S8857-06-171 | P.O. #:

EDF Deliverable To (Email Address): juhrend@geoconinc.com

Project Name: I-80 Sac ADL

Sampler Signature:

Project Address: Sacramento, CA

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None			Matrix: Water	Soil	Air
1) B92-0.0	7/13/07	0959						X							X	
2) B92-1.0		0956														
3) B92-2.0		0957														
4) B93-0.0		1000														
5) B93-1.0		1001														
6) B93-2.0		1002														
7) B94-0.0		1010														
8) B94-1.0		1011														
9) B94-2.0		1012														
10) B95-0.0		1020														

Analysis Request: MTBE\BTEX (EPA 8260B); TPH Gas (EPA 8015); 5 Oxygenates (EPA 8260B); Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B); Volatile Organics Full List (EPA 8260B); TPH as Diesel (EPA 8015M); TPH as Motor Oil (EPA 8015M); Total Lead (EPA 6010); W.E.T. Lead (STLC); pH (EPA 9045); Chromium (EPA 7000)

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Store
Relinquished by: [signature]	7/16/07	1445	[signature]
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend

California EDF Report? ☐ Yes ☑ No

Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800, Rancho Cordova, CA 95742

Sampling Company Log Code:

Phone #: 916.852.9118 | Fax #: 916.852.9132

Global ID:

Project #: S8857-06-171 | P.O. #:

EDF Deliverable To (Email Address): juhrend@geoconinc.com

Project Name: I-80 Sac ADL

Sampler Signature:

Project Address: Sacramento, CA

Analysis Request

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

Sample Designation	Sampling Date	Sampling Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	HCl	HNO_3	None			Water	Soil	Air		MTBE\BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)		Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)		Volatile Organics Full List (EPA 8260B)		TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (EPA 9045)	Chromium (EPA 7000)		
1) B95-1.0	7/13/07	1021						X							X																		
2) B95-2.0		1022																															
3) B96-0.0		1025																															
4) B96-1.0		1026																															
5) B96-2.0		1027																															
6) B97-0.0		1030																															
7) B97-1.0		1031																															
8) B97-2.0		1032																															
9) B98-0.0		1035																															
10) B98-1.0		1036																															

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Store
Relinquished by: [signature]	7/16/07	1445	Received by: [signature]
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend	California EDF Report? ☐ Yes ☑ No
Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800 Rancho Cordova, CA 95742	Sampling Company Log Code:
Phone #: 916.852.9118 / Fax #: 916.852.9132	Global ID:
Project #: S8887-06-171 / P.O. #:	EDF Deliverable To (Email Address): juhrend@geoconinc.com
Project Name: I-80 Sac ADL	Sampler Signature:
Project Address: Sacramento, CA	

Analysis Request: MTBE\BTEX (EPA 8260B); TPH Gas (EPA 8015); 5 Oxygenates (EPA 8260B); Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B); Volatile Organics Full List (EPA 8260B); TPH as Diesel (EPA 8015M); TPH as Motor Oil (EPA 8015M); Total Lead (EPA 6010); W.E.T. Lead (STLC); pH (EPA 9045); Chromium (EPA 7000)

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

Sample Designation	Sampling Date	Sampling Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	HCl	HNO_3	None			Water	Soil	Air
1) B98-2.0	7/13/07	1037						X							X	
2) B99-0.0		1040														
3) B99-1.0		1041														
4) B99-2.0		1042														
5) B100-0.0		1045														
6) B100-1.0		1046														
7) B100-2.0		1047														
8) B101-0.0		1050														
9) B101-1.0		1051														
10) B101-2.0		1052														

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Store
Relinquished by: [signature]	7/16/07	1145	Received by: [signature]
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend

California EDF Report? ☐ Yes ☑ No

Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800, Rancho Cordova, CA 95742

Sampling Company Log Code:

Phone #: 916.852.9118 | Fax #: 916.852.9132

Global ID:

Project #: S8857-06-171 | P.O. #:

EDF Deliverable To (Email Address): juhrend@geoconinc.com

Project Name: I-80 Sac ADL

Sampler Signature:

Project Address: Sacramento, CA

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None			Matrix: Water	Soil	Air			MTBE/BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)		Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)		Volatile Organics Full List (EPA 8260B)		TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (EPA 9045)	Chromium (EPA 7000)		TAT
1) B102-0.0	7/13/07	1055						X							X																			
2) B102-1.0		1056																																
3) B102-2.0		1057																																
4) B103-0.0		1100																																
5) B103-1.0		1101																																
6) B103-2.0		1102																																
7) B104-0.0		1110																																
8) B104-1.0		1111																																
9) B104-2.0		1112																																
10) B105-0.0		1115																																

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Store
Rebecca [signature]	7/16/07	1445	[signature]

Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend

California EDF Report? ☐ Yes ☑ No

Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800, Rancho Cordova, CA 95742

Sampling Company Log Code:

Phone #: 916.852.9118 | Fax #: 916.852.9132

Global ID:

Project #: S8857-06-171 | P.O. #:

EDF Deliverable To (Email Address): juhrend@geoconinc.com

Project Name: I-80 Sac ADL

Sampler Signature:

Project Address: Sacramento, CA

Sample Designation	Sampling Date	Sampling Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	HCl	HNO_3	None			Water	Soil	Air			MTBE/BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)		Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)		Volatile Organics Full List (EPA 8260B)		TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (EPA 9045)	Chromium (EPA 7000)		TAT
1) B105-1.0	7/13/07	1116						X							X																			
2) B105-2.0		1117																																
3) B106-0.0		1120																																
4) B106-1.0		1121																																
5) B106-2.0		1122																																
6) B107-0.0		1125																																
7) B107-1.0		1126																																
8) B107-2.0		1127																																
9) B108-0.0		1130																																
10) B108-1.0		1131																																

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

Relinquished by:	Date	Time	Received by:
	7/13/07	1645	Geocon Store
	7/16/07	1445	

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend

California EDF Report? ☐ Yes ☑ No

Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800, Rancho Cordova, CA 95742

Sampling Company Log Code:

Phone #: 916.852.9118 | Fax #: 916.852.9132

Global ID:

Project #: S8957-06-171 | P.O. #:

EDF Deliverable To (Email Address): juhrend@geoconinc.com

Project Name: I-80 Sac ADL

Sampler Signature:

Project Address: Sacramento, CA

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None			Matrix: Water	Soil	Air			MTBE\BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)		Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)		Volatile Organics Full List (EPA 8260B)		TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (EPA 9045)	Chromium (EPA 7000)			TAT: 12 hr	24 hr	48 hr	72 hr	1 wk
1) B108-2.0-	7/13/07	1132						X							X																								
2) B109-0.0-		1140																																					
3) B109-1.0-		1141																																					
4) B109-2.0-		1142																																					
5) B110-0.0-		1145																																					
6) B110-1.0-		1146																																					
7) B110-2.0-		1147																																					
8) B111-0.0-		1150																																					
9) B111-1.0-		1151																																					
10) B111-2.0-		1152													X																								

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Store
[signature]	7/16/07	1445	[signature]

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend

California EDF Report? ☐ Yes ☑ No

Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800, Rancho Cordova, CA 95742

Sampling Company Log Code:

Phone #: 916.852.9118 | Fax #: 916.852.9132

Global ID:

Project #: ~~S8857~~-06-171 | P.O. #:

EDF Deliverable To (Email Address): juhrend@geoconinc.com

Project Name: I-80 Sac ADL

Sampler Signature:

Project Address: Sacramento, CA

Analysis Request

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None			Matrix: Water	Soil	Air	MTBE\BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Organics Full List (EPA 8260B)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (EPA 9045)	Chromium (EPA 7000)
1) B112-0.0-	7/13/07	1155						X							X		•										
2) B112-1.0-		1156																									
3) B112-2.0-		1157																									
4) B113-0.0-		1200																									
5) B113-1.0-		1201																									
6) B113-2.0-		1202																									
7) B114-0.0-		1205																									
8) B114-1.0-		1206																									
9) B114-2.0-		1207																									
10) B115-0.0-		1210																									

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Store
Relinquished by: Rebecca Silva	Date 7/16/07	Time 1415	Received by: [signature]
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend

California EDF Report? ☐ Yes ☑ No

Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800, Rancho Cordova, CA 95742

Sampling Company Log Code:

Phone #: 916.852.9118 | Fax #: 916.852.9132

Global ID:

Project #: S8957-06-171 | P.O. #:

EDF Deliverable To (Email Address): juhrend@geoconinc.com

Project Name: I-80 Sac ADL

Sampler Signature:

Project Address: Sacramento, CA

Sample Designation	Sampling Date	Sampling Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	HCl	HNO_3	None			Water	Soil	Air
1) B115-1.0	7/13/07	1211						X							X	
2) B115-2.0		1212														
3) B116-0.0		1215														
4) B116-1.0		1216														
5) B116-2.0		1217														
6) B117-0.0		1225														
7) B117-1.0		1226														
8) B117-2.0		1227														
9) B118-0.0		1230														
10) B118-1.0		1231														

Analysis Request

MTBE\BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Organics Full List (EPA 8260B)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (EPA 9045)	Chromium (EPA 7000)

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Store
[signature]	7/16/07	1445	[signature]
			Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend

California EDF Report? ☐ Yes ☑ No

Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800, Rancho Cordova, CA 95742

Sampling Company Log Code:

Phone #: 916.852.9118 | Fax #: 916.852.9132

Global ID:

Project #: S8057-06-171 | P.O. #:

EDF Deliverable To (Email Address): juhrend@geoconinc.com

Project Name: I-80 Sac ADL

Sampler Signature:

Project Address: Sacramento, CA

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

Sample Designation	Sampling Date	Sampling Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	HCl	HNO_3	None			Water	Soil	Air		MTBE/BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)		Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)		Volatile Organics Full List (EPA 8260B)		TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (EPA 9045)	Chromium (EPA 7000)	
1) B118-2.0	7/13/07	1232						X							X																	
2) B119-0.0		1240																														
3) B119-1.0		1241																														
4) B119-2.0		1242																														
5) B120-0.0		1245																														
6) B120-1.0		1246																														
7) B120-2.0		1247																														
8) B121-0.0		1250																														
9) B121-1.0		1251																														
10) B121-2.0		1252																														

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1145	Geocon Store
Rebecca [signature]	7/16/07	1145	[signature]

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend	California EDF Report? ☐ Yes ☑ No
Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800 Rancho Cordova, CA 95742	Sampling Company Log Code:
Phone #: 916.852.9118 / Fax #: 916.852.9132	Global ID:
Project #: S8837-06-171 / P.O. #:	EDF Deliverable To (Email Address): juhrend@geoconinc.com
Project Name: I-80 Sac ADL	Sampler Signature:
Project Address: Sacramento, CA	

Analysis Request

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None	Matrix: Water	Soil	Air	MTBE\BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Organics Full List (EPA 8260B)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (EPA 9045)	Chromium (EPA 7000)
1) B122-0.0	7/13/07	1255						X					X												
2) B122-1.0		1256																							
3) B122-2.0		1257																							
4) B123-0.0		1305																							
5) B123-1.0		1306																							
6) B123-2.0		1307																							
7) B124-0.0		1310																							
8) B124-1.0		1311																							
9) B124-2.0		1312																							
10) B125-0.0		1315																							

Relinquished by:	Date	Time	Received by:
	7/13/07	1645	Geocon Store
	7/16/07	1415	
			Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend

California EDF Report? ☐ Yes ☑ No

Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800, Rancho Cordova, CA 95742

Sampling Company Log Code:

Phone #: 916.852.9118 | Fax #: 916.852.9132

Global ID:

Project #: ~~S8857~~-06-171 | P.O. #:

EDF Deliverable To (Email Address): juhrend@geoconinc.com

Project Name: I-80 Sac ADL

Sampler Signature:

Project Address: Sacramento, CA

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None			Matrix: Water	Soil	Air		Analysis Request: MTBE\BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)		Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)		Volatile Organics Full List (EPA 8260B)		TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (EPA 9045)	Chromium (EPA 7000)		TAT: 12 hr / 24 hr / 48 hr / 72 hr / 1 wk
1) B125-1.0	7/13/07	1316						X							X																		
2) B125-2.0		1317																															
3) B126-0.0		1320																															
4) B126-1.0		1321																															
5) B126-2.0		1322																															
6) B127-0.0		1325																															
7) B127-1.0		1326																															
8) B127-2.0		1327																															
9) B128-0.0		1330																															
10) B128-1.0		1331						X							X																		

Relinquished by:	Date	Time	Received by:
	7/13/07	1645	Geocon Store
Relinquished by:	Date	Time	Received by:
	7/16/07	1415	
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend	California EDF Report? ☐ Yes ☑ No
Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800 Rancho Cordova, CA 95742	Sampling Company Log Code:
Phone #: 916.852.9118 / Fax #: 916.852.9132	Global ID:
Project #: S8857-06-171 / P.O. #:	EDF Deliverable To (Email Address): juhrend@geoconinc.com
Project Name: I-80 Sac ADL	Sampler Signature:
Project Address: Sacramento, CA	

Analysis Request

Sample Designation	Date	Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	HCl	HNO_3	None			Water	Soil	Air		MTBE\BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)		Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)		Volatile Organics Full List (EPA 8260B)		TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (EPA 9045)	Chromium (EPA 7000)		TAT
1) B128-2.0	7/13/07	1332						X							X																		
2) B129-0.0		1340																															
3) B129-1.0		1341																															
4) B129-2.0		1342																															
5) B130-0.0		1345																															
6) B130-1.0		1346																															
7) B130-2.0		1347																															
8)																																	
9)																																	
10)																																	

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 1 wk

Relinquished by:	Date	Time	Received by:
	7/13/07	1645	Geocon Store
	7/16/07	1115	

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

18090

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend / R. Silva

California EDF Report? ☐ Yes ☑ No

Company / Address:
Geocon, 3160 Gold Valley Dr. Suite 800
Rancho Cordova, CA 95742

Sampling Company Log Code:

Phone #: 916.852.9118 | Fax #: 916.852.9132

Global ID:

Project #: S8957-06-171 | P.O. #:

EDF Deliverable To (Email Address): juhrend@geoconinc.com

Project Name: I-80 Sac ADL

Sampler Signature:

Project Address: Sacramento, CA

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ 1 wk

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None			Matrix: Water	Soil	Air		MTBE\BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)		Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)		Volatile Organics Full List (EPA 8260B)		TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (EPA 9045)	Chromium (EPA 7000)			1 wk
1) B1, B3, B5 - 0.0								X							X													X		X				
2) B1, B3, B5 - 1.0																																		
3) B1, B3, B5 - 2.0																																		
4) B2, B4 - 0.0																																		
5) B2, B4 - 1.0																																		
6) B2, B4 - 2.0																																		
7) B6, B8, B10 - 0.0																																		
8) B6, B8, B10 - 1.0																																		
9) B6, B8, B10 - 2.0																																		
10) B7, B9 - 0.0								✓							✓													✓						✓

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Store
Relinquished by: [signature]	Date 7/16/07	Time 1445	Received by: [signature]
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD
Standard 2-wk TAT on all samples

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend	California EDF Report? ☐ Yes ☑ No
Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800 Rancho Cordova, CA 95742	Sampling Company Log Code:
Phone #: 916.852.9118 / Fax #: 916.852.9132	Global ID:
Project #: S8857-06-171 / P.O. #:	EDF Deliverable To (Email Address): juhrend@geoconinc.com
Project Name: I-80 Sac ADL	Sampler Signature:
Project Address: Sacramento, CA	

Analysis Request

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None			Matrix: Water	Soil	Air	MTBE\BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Organics Full List (EPA 8260B)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (EPA 9045)	Chromium (EPA 7000)	TAT
1) B7, B9-1.0								X							X									X				
2) B7, B9-2.0																										X		
3) B11, B12, B13, B14-0.0																												
4) B11, B12, B13, B14-1.0																												
5) B11, B12, B13, B14-2.0																												
6) B15, B16, B17, B18-0.0																												
7) B15, B16, B17, B18-1.0																												
8) B15, B16, B17, B18-2.0																												
9) B19, B20, B21, B22-0.0																												
10) B19, B20, B21, B22-1.0																												

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ 1 wk

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Store
[signature]	7/16/07	1445	[signature]

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend	California EDF Report? ☐ Yes ☑ No
Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800 Rancho Cordova, CA 95742	Sampling Company Log Code:
Phone #: 916.852.9118 / Fax #: 916.852.9132	Global ID:
Project #: S8857-06-171 / P.O. #:	EDF Deliverable To (Email Address): juhrend@geoconinc.com
Project Name: I-80 Sac ADL	Sampler Signature:
Project Address: Sacramento, CA	

Analysis Request

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None			Matrix: Water	Soil	Air	MTBE|BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Organics Full List (EPA 8260B)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (EPA 9045)	Chromium (EPA 7000)	TAT ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ 1 wk
1) B19, B20, B21, B22-2.0								X							X									X				
2) B23, B24, B25-0.0																												
3) B23, B24, B25-1.0																												
4) B23, B24, B25-2.0																										X		
5) B26 B28, B30, B32-0.0																												
6) B26, B28, B30, B32-1.0																												
7) B26, B28, B30, B32-2.0																												
8) B27, B29, B31, B33-0.0																												
9) B27, B29, B31, B33-1.0																												
10) B27, B29, B31, B33-2.0																												

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Store
Relinquished by: [signature]	Date 7/16/07	Time 1445	Received by: [signature]
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories
3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend

California EDF Report? ☐ Yes ☑ No

Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800, Rancho Cordova, CA 95742

Sampling Company Log Code:

Phone #: 916.852.9118 | Fax #: 916.852.9132

Global ID:

Project #: S8857-06-171 | P.O. #:

EDF Deliverable To (Email Address): juhrend@geoconinc.com

Project Name: I-80 Sac ADL

Sampler Signature:

Project Address: Sacramento, CA

Analysis Request: MTBE\BTEX (EPA 8260B); TPH Gas (EPA 8015); 5 Oxygenates (EPA 8260B); Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B); Volatile Organics Full List (EPA 8260B); TPH as Diesel (EPA 8015M); TPH as Motor Oil (EPA 8015M); Total Lead (EPA 6010); W.E.T. Lead (STLC); pH (EPA 9045); Chromium (EPA 7000)

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ 1 wk

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None			Matrix: Water	Soil	Air	Total Lead (EPA 6010)	pH (EPA 9045)
1) B34, B36, B38, B41-0.0								X							X		X	
2) B34, B36, B38, B41-1.0																		
3) B34, B36, B38, B41-2.0																		X
4) B35, B37, B39, B40-0.0																		
5) B35, B37, B39, B40-1.0																		
6) B35, B37, B39, B40-2.0																		
7) B42, B44, B46, B47-0.0																		
8) B42, B44, B46, B47-1.0																		
9) B42, B44, B46, B47-2.0																		
10) B43, B45, B48, B50-0.0																		

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Store
Relinquished by: [signature]	Date 7/16/07	Time 1415	Received by: [signature]
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend

California EDF Report? ☐ Yes ☑ No

Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800, Rancho Cordova, CA 95742

Sampling Company Log Code:

Phone #: 916.852.9118 | Fax #: 916.852.9132

Global ID:

Project #: S8867-06-171 | P.O. #:

EDF Deliverable To (Email Address): juhrend@geoconinc.com

Project Name: I-80 Sac ADL

Sampler Signature:

Project Address: Sacramento, CA

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☑ 1 wk

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None	Matrix: Water	Soil	Air	MTBE\BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Organics Full List (EPA 8260B)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (EPA 9045)	Chromium (EPA 7000)
1) B43, B45, B48, B50-1.0								X					X									X			
2) B43, B45, B48, B50-2.0																									
3) B49, B51, B53, B55-0.0																									
4) B49, B51, B53, B55-1.0																								X	
5) B49, B51, B53, B55-2.0																									
6) B52, B54, B56-0.0																									
7) B52, B54, B56-1.0																									
8) B52, B54, B56-2.0																									
9) B57, B59, B61, [illegible]-0.0																									
10) B57, B59, B61, [illegible]-1.0																									

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1145	Geocon Storage
Relinquished by: [signature]	Date 7/16/07	Time 1445	Received by: [signature]
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend	California EDF Report? ☐ Yes ☑ No
Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800 Rancho Cordova, CA 95742	Sampling Company Log Code:
Phone #: 916.852.9118 / Fax #: 916.852.9132	Global ID:
Project #: S~~8687~~-06-171 / P.O. #:	EDF Deliverable To (Email Address): juhrend@geoconinc.com
Project Name: I-80 Sac ADL	Sampler Signature:
Project Address: Sacramento, CA	

Analysis Request

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ 1 wk

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None			Matrix: Water	Soil	Air	MTBE\BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Organics Full List (EPA 8260B)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (EPA 9045)	Chromium (EPA 7000)
1) B58, B59, B61, ~~B63~~-2.0								X							X									X			
2) B58, B60, B62, ~~B64~~-0.0																											
3) B58, B60, B62 - 1.0																										✓	
4) B58, B60, B62 -2.0																											
5) B63, B65, B67 - 0.0																											
6) B63, B65, ~~B67~~ -1.0																											
7) B63, B65, ~~B67~~ -2.0																											
8) B64, B66, B68, ~~B64~~ 0.0																											
9) B64, B66, B68, ~~B64~~ 1.0																											
10) B64, B66, B68, ~~B64~~ 2.0								✓							✓									✓			✓

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Store
Relinquished by: [signature]	Date 7/16/07	Time 1415	Received by: [signature]
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend	California EDF Report? ☐ Yes ☑ No
Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800 Rancho Cordova, CA 95742	Sampling Company Log Code:
Phone #: 916.852.9118 / Fax #: 916.852.9132	Global ID:
Project #: S8857-06-171 / P.O. #:	EDF Deliverable To (Email Address): juhrend@geoconinc.com
Project Name: I-80 Sac ADL	Sampler Signature:
Project Address: Sacramento, CA	

Analysis Request

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None			Matrix: Water	Soil	Air	MTBE\BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Organics Full List (EPA 8260B)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (EPA 9045)	Chromium (EPA 7000)	TAT: 12 hr	24 hr	48 hr	72 hr	1 wk
1) B70, B71-0.0								X							X									X								
2) B70, B71-1.0																																
3) B70, B71-2.0																																
4) B72, B73, B74, B75-0.0																										X						
5) B72, B73, B74, B75-1.0																																
6) B72, B73, B74, B75-2.0																																
7) ~~B72, B73, B74, B75-~~																																
8) B76, B77, B78, B79-0.0																																
9) B76, B77, B78, B79-1.0																																
10) B76, B77, B78, B79-2.0																																

Relinquished by:	Date	Time	Received by:
RS	7/13/07	1645	Geocon Store
Rebecca	7/16/07	1445	[illegible]

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend

California EDF Report? ☐ Yes ☑ No

Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800, Rancho Cordova, CA 95742

Sampling Company Log Code:

Phone #: 916.852.9118 | Fax #: 916.852.9132

Global ID:

Project #: S8857-06-171 | P.O. #:

EDF Deliverable To (Email Address): juhrend@geoconinc.com

Project Name: I-80 Sac ADL

Sampler Signature:

Project Address: Sacramento, CA

Analysis Request

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ 1 wk

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None	Matrix: Water	Soil	Air	MTBE\BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Organics Full List (EPA 8260B)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (EPA 9045)	Chromium (EPA 7000)
1) B80, B81, B82, B83-0.0								X					X									X			
2) B80, B81, B82, B83-1.0																								X	
3) B80, B81, B82, B83-2.0																									
4) B84, B85, B86, B87-0.0																									
5) B84, B85, B86, B87-1.0																									
6) B84, B85, B86, B87-2.0																									
7) B88, B89, B90, B91-0.0																									
8) B88, B89, B90, B91-1.0																									
9) B88, B89, B90, B91-2.0																									
10) B92, B93, B94, B95-0.0																									

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Store
Relinquished by: [signature]	Date 7/16/07	Time 1445	Received by: [signature]
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend	California EDF Report? ☐ Yes ☑ No
Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800, Rancho Cordova, CA 95742	Sampling Company Log Code:
Phone #: 916.852.9118 / Fax #: 916.852.9132	Global ID:
Project #: S8857-06-171 / P.O. #:	EDF Deliverable To (Email Address): juhrend@geoconinc.com
Project Name: I-80 Sac ADL	Sampler Signature:
Project Address: Sacramento, CA	

Sample Designation	Date	Time	Sampling	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None			Matrix: Water	Soil	Air		MTBE\BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)		Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)		Volatile Organics Full List (EPA 8260B)		TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (EPA 9045)	Chromium (EPA 7000)		TAT: 12 hr / 24 hr / 48 hr / 72 hr / 1 wk
1) B92, B93, B94, B95-1.0									X							X													X					
2) B92, B93, B94, B95-2.0																																		
3) B96, B97, B98, B99-0.0																																		
4) B96, B97, B98, B99-1.0																																		
5) B96, B97, B98, B99-2.0																																		
6) B100, B101, B102, B103-0.0																															X			
7) B100, B101, B102, B103-1.0																																		
8) B100, B101, B102, B103-2.0																																		
9) B104, B105, B106, B107-0.0																																		
10) B104, B105, B106, B107-1.0																																		

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Store
Relinquished by: [signature]	Date 7/16/07	Time 1445	Received by: [signature]
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend	California EDF Report? ☐ Yes ☑ No
Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800, Rancho Cordova, CA 95742	Sampling Company Log Code:
Phone #: 916.852.9118 / Fax #: 916.852.9132	Global ID:
Project #: S8857-06-171 / P.O. #:	EDF Deliverable To (Email Address): juhrend@geoconinc.com
Project Name: I-80 Sac ADL	Sampler Signature:
Project Address: Sacramento, CA	

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None			Matrix: Water	Soil	Air		MTBE\BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)		Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)		Volatile Organics Full List (EPA 8260B)		TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (EPA 9045)	Chromium (EPA 7000)		TAT: 12 hr / 24 hr / 48 hr / 72 hr / 1 wk
1) B104, B105, B106, B107-2.0								X							X													X						
2) B108, B109, B110, B111-0.0																																		
3) B108, B109, B110, B111-1.0																														X				
4) B108, B109, B110, B111-2.0																																		
5) B112, B113, B114, B115-0.0																																		
6) B112, B113, B114, B115-1.0																																		
7) B112, B113, B114, B115-2.0																																		
8) B116, B117, B118, B119-0.0																																		
9) B116, B117, B118, B119-1.0																																		
10) B116, B117, B118, B119-2.0																																		

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Store
Relinquished by: [signature]	Date 7/16/07	Time 1445	Received by: [signature]
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend

California EDF Report? ☐ Yes ☑ No

Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800, Rancho Cordova, CA 95742

Sampling Company Log Code:

Phone #: 916.852.9118 | Fax #: 916.852.9132

Global ID:

Project #: S8857-06-171 | P.O. #:

EDF Deliverable To (Email Address): juhrend@geoconinc.com

Project Name: I-80 Sac ADL

Sampler Signature:

Project Address: Sacramento, CA

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None			Matrix: Water	Soil	Air			MTBE\BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)		Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)		Volatile Organics Full List (EPA 8260B)		TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (EPA 9045)	Chromium (EPA 7000)		TAT: 12 hr / 24 hr / 48 hr / 72 hr / 1 wk
1) B120, B121, B122, B123-0.0								X							X														X					
2) B120, B121, B122, B123-1.0																																		
3) B120, B121, B122, B123-2.0																															X			
4) B124, B125, B126, B127-0.0																																		
5) B124, B125, B126, B127-1.0																																		
6) B124, B125, B126, B127-2.0																																		
7) B128, B129, B130-0.0																																		
8) B128, B129, B130-1.0																																		
9) B128, B129, B130-2.0																																		
10)																																		

Relinquished by:	Date	Time	Received by:
[signature]	7/13/07	1645	Geocon Store
Relinquished by: [signature]	Date 7/16/07	Time 1445	Received by: [signature]
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

John Juhrend
Geocon Consultants
3160 Gold Valley Dr.
Suite 800
Rancho Cordova, CA 95742

Client	Geocon Consultants
Workorder	18091 I-80 Sac ADL
Received	07/16/07

The samples were received in EPA specified containers. The samples were transported and received under documented chain of custody and stored at four (4) degrees C until analysis was performed.

Sparger Technology, Inc. ID Suffix Keys - These descriptors will follow the Sparger Technology, Inc. ID numbers and help identify the specific sample and clarify the report.

DUP - Matrix Duplicate
MS - Matrix Spike
MSD - Matrix Spike Duplicate
LCS - Lab Control Sample
LCSD - Lab Control Sample Duplicate
RPD - Relative Percent Difference
QC - Additional Quality Control
DIL - Results from a diluted sample
ND - None Detected
RL - Reporting Limit

Note: In an effort to conserve paper, the results are printed on both sides of the paper.

Ray James
Laboratory Director

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

John Juhrend
Geocon Consultants
3160 Gold Valley Dr.
Suite 800
Rancho Cordova, CA 95742

Workorder 18091

Enclosed are the results from samples received on July 16, 2007.

The requested analyses are listed below.

SAMPLE	SAMPLE DESCRIPTION	DATE COLLECTED	TEST METHOD
18091001	PC 1, Paint Chip	07/11/07	6010B
18091002	PC 2, Paint Chip	07/11/07	6010B
18091003	PC 3, Paint Chip	07/11/07	6010B
18091004	PC 4, Paint Chip	07/11/07	6010B
18091005	PC 5, Paint Chip	07/11/07	6010B
18091006	PC 6, Paint Chip	07/11/07	6010B
18091007	PC 7, Paint Chip	07/11/07	6010B
18091008	PC 8, Paint Chip	07/11/07	6010B
18091009	PC 9, Paint Chip	07/11/07	6010B
18091010	PC 10, Paint Chip	07/11/07	6010B
18091011	PC 11, Paint Chip	07/11/07	6010B
18091012	PC 12, Paint Chip	07/11/07	6010B
18091013	PC 13, Paint Chip	07/12/07	6010B
18091014	PC 14, Paint Chip	07/12/07	6010B
18091015	PC 15, Paint Chip	07/12/07	6010B
18091016	PC 16, Paint Chip	07/12/07	6010B

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID Geocon Consultants
Workorder # 18091 **Workorder ID** I-80 Sac ADL

Parameter Chromium
Method 6010B

Lab ID	Sample ID	Result	RL	Units	Collected	Analyzed	Matrix	Dilution
18091001	PC 1	3.12	1.0	mg/Kg	07/11/07	07/28/07	PC	1:1
18091002	PC 2	33.0	1.0	mg/Kg	07/11/07	07/28/07	PC	1:1
18091003	PC 3	1.56	1.0	mg/Kg	07/11/07	07/28/07	PC	1:1
18091004	PC 4	1.60	1.0	mg/Kg	07/11/07	07/28/07	PC	1:1
18091005	PC 5	1.91	1.0	mg/Kg	07/11/07	07/28/07	PC	1:1
18091006	PC 6	ND	1.0	mg/Kg	07/11/07	07/28/07	PC	1:1
18091007	PC 7	1420	1.0	mg/Kg	07/11/07	07/28/07	PC	1:1
18091008	PC 8	283	1.0	mg/Kg	07/11/07	07/28/07	PC	1:1
18091009	PC 9	375	1.0	mg/Kg	07/11/07	07/28/07	PC	1:1
18091010	PC 10	204	1.0	mg/Kg	07/11/07	07/28/07	PC	1:1
18091011	PC 11	153	1.0	mg/Kg	07/11/07	07/28/07	PC	1:1
18091012	PC 12	159	1.0	mg/Kg	07/11/07	07/28/07	PC	1:1
18091013	PC 13	128	1.0	mg/Kg	07/12/07	07/28/07	PC	1:1
18091014	PC 14	139	1.0	mg/Kg	07/12/07	07/28/07	PC	1:1
18091015	PC 15	99.4	1.0	mg/Kg	07/12/07	07/28/07	PC	1:1
18091016	PC 16	363	1.0	mg/Kg	07/12/07	07/28/07	PC	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID Geocon Consultants
Workorder # 18091 **Workorder ID** I-80 Sac ADL

Parameter Lead
Method 6010B

Lab ID	Sample ID	Result	RL	Units	Collected	Analyzed	Matrix	Dilution
18091001	PC 1	4.91	1.0	mg/Kg	07/11/07	07/28/07	PC	1:1
18091002	PC 2	4.12	1.0	mg/Kg	07/11/07	07/28/07	PC	1:1
18091003	PC 3	2.43	1.0	mg/Kg	07/11/07	07/28/07	PC	1:1
18091004	PC 4	4.22	1.0	mg/Kg	07/11/07	07/28/07	PC	1:1
18091005	PC 5	3.38	1.0	mg/Kg	07/11/07	07/28/07	PC	1:1
18091006	PC 6	1.70	1.0	mg/Kg	07/11/07	07/28/07	PC	1:1
18091007	PC 7	4390	1.0	mg/Kg	07/11/07	07/28/07	PC	1:1
18091008	PC 8	967	1.0	mg/Kg	07/11/07	07/28/07	PC	1:1
18091009	PC 9	1340	1.0	mg/Kg	07/11/07	07/28/07	PC	1:1
18091010	PC 10	768	1.0	mg/Kg	07/11/07	07/28/07	PC	1:1
18091011	PC 11	553	1.0	mg/Kg	07/11/07	07/28/07	PC	1:1
18091012	PC 12	569	1.0	mg/Kg	07/11/07	07/28/07	PC	1:1
18091013	PC 13	457	1.0	mg/Kg	07/12/07	07/28/07	PC	1:1
18091014	PC 14	493	1.0	mg/Kg	07/12/07	07/28/07	PC	1:1
18091015	PC 15	350	1.0	mg/Kg	07/12/07	07/28/07	PC	1:1
18091016	PC 16	1330	1.0	mg/Kg	07/12/07	07/28/07	PC	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Method Blank Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83030
Sample ID MB for HBN 329868 [ICPV/6058]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Chromium	6010B	07/25/07	07/28/07	ND	5.0	mg/Kg	1:1
Lead	6010B	07/25/07	07/28/07	ND	5.0	mg/Kg	1:1

Lab Control Sample Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83031
Sample ID LCS for HBN 329868 [ICPV/6058]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Chromium	6010B	07/25/07	07/28/07	283	5.0	mg/Kg	1:1
Lead	6010B	07/25/07	07/28/07	267	5.0	mg/Kg	1:1

Lab Control Sample Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83032
Sample ID LCSD for HBN 329868 [ICPV/6058
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Chromium	6010B	07/25/07	07/28/07	278	5.0	mg/Kg	1:1
Lead	6010B	07/25/07	07/28/07	262	5.0	mg/Kg	1:1

Matrix Spike Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83033
Sample ID MS for HBN 329868 [ICPV/6058]
Matrix Paint Chip

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Matrix Spike Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83033
Sample ID MS for HBN 329868 [ICPV/6058]
Matrix Paint Chip

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Chromium	6010B	07/25/07	07/28/07	264	5.0	mg/Kg	1:1
Lead	6010B	07/25/07	07/28/07	259	5.0	mg/Kg	1:1

Matrix Spike Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83034
Sample ID MSD for HBN 329868 [ICPV/6058]
Matrix Paint Chip

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Chromium	6010B	07/25/07	07/28/07	268	5.0	mg/Kg	1:1
Lead	6010B	07/25/07	07/28/07	261	5.0	mg/Kg	1:1

Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 Sac ADL
Laboratory ID 83035
Sample ID DUP for HBN 329868 [ICPV/6058]
Matrix Paint Chip

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Chromium	6010B	07/25/07	07/28/07	ND	5.0	mg/Kg	1:1
Lead	6010B	07/25/07	07/28/07	ND	5.0	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

QC SUMMARY

Client ID	Geocon Consultants		
Workorder ID	I-80 Sac ADL		
QC Batch	ICPP 6085	**Original**	18091001
Matrix	Paint Chip	**Sample**	**Duplicate [83035]**

Parameter	**RPD**	**RPD Limits**
Chromium	55.2*	(35)
Lead	37.5*	(35)

* High RPD due to sample matrix effect.

Client ID	Geocon Consultants		
Workorder ID	I-80 Sac ADL		
QC Batch	ICPP 6085	**Original**	18091001
Matrix	Paint Chip	**Sample**	Matrix Spike [83033]
			Matrix Spike Duplicate [83034]

Parameter	**Spike %Recovery**	**Spike Dup %Recovery**	**Recovery Limits**	**RPD**	**RPD Limits**
Chromium	104	106	(75-125)	1.90	(35 MAX)
Lead	102	102	(75-125)	0000	(35 MAX)

Client ID	Geocon Consultants		
Workorder ID	I-80 Sac ADL		
QC Batch	ICPP 6085		
Matrix	Soil	**Samples**	Lab Control Sample [83031]
			Lab Control Sample Duplicate [83032]

Parameter	**Check %Recovery**	**Check Dup %Recovery**	**Recovery Limits**	**RPD**	**RPD Limits**
Chromium	113	111	(80-120)	1.79	(20 MAX)
Lead	107	105	(80-120)	1.89	(20 MAX)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

18091

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend / R. Silva

California EDF Report? ☐ Yes ☑ No

Company / Address:
Geocon, 3160 Gold Valley Dr. Suite 800
Rancho Cordova, CA 95742

Sampling Company Log Code:

Phone #: 916.852.9118 | Fax #: 916.852.9132

Global ID:

Project #: ~~S9857~~-06-171 53875 (Conall) | P.O. #:

EDF Deliverable To (Email Address): juhrend@geoconinc.com

Project Name: I-80 Sac ADL

Sampler Signature:

Project Address: Sacramento, CA

Analysis Request

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ 1 wk *

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	Preservative: HCl	HNO_3	None			Matrix: Water	Soil	Air	Paint	MTBE\BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Organics Full List (EPA 8260B)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (EPA 9045)	Chromium (EPA 7000)
1) PC 1	7/11/07	1155						X									X								X			X
2) PC 2		1200																										
3) PC 3		1210																										
4) PC 4		1215																										
5) PC 5		1220																										
6) PC 6		1225																										
7) PC 7		1235																										
8) PC 8		1240																										
9) PC 9		1245																										
10) PC 10		1250																										

Relinquished by:	Date	Time	Received by:
	7/13/07	1645	Geocon Storage
Relinquished by:	Date	Time	Received by:
Rebecca S	7/14/07	1445	Sparger
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD
*Standard TAT

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

18091

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): J. Juhrend

California EDF Report? ☐ Yes ☑ No

Company / Address: Geocon, 3160 Gold Valley Dr. Suite 800, Rancho Cordova, CA 95742

Sampling Company Log Code:

Phone #: 916.852.9118 | Fax #: 916.852.9132

Global ID:

Project #: ~~S8657~~-06-171 | P.O. #:

EDF Deliverable To (Email Address): juhrend@geoconinc.com

Project Name: I-80 Sac ADL

Sampler Signature:

Project Address: Sacramento, CA

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ 1 wk

Sample Designation	Sampling Date	Sampling Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	Baggies	HCl	HNO_3	None			Water	Soil	Air	Paint	MTBE\BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Organics Full List (EPA 8260B)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (EPA 9045)	Chromium (EPA 7000)
1) PC11	7/11/07	1255						X									X								X			X
2) PC12	7/11/07	1330																										
3) PC13	7/12/07	0848																										
4) PC14		1037																										
5) PC15		1216																										
6) PC16		1359						X									X								X			X
7)																												
8)																												
9)																												
10)																												

Relinquished by:	Date	Time	Received by:
	7/13/07	1645	Geocon Storage
Relinquished by:	Date	Time	Received by:
	7/16/07	1445	
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
CalTrans Contract 03A0937
Need EDD

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

RECEIVED
JUL 2 0 2007
BY: GEOCON

Rebecca Silva
Geocon Consultants
3160 Gold Valley Dr. #800
Rancho Cordova, CA 95742

Client	Geocon Consultants
Workorder	18074 I-80 ADL
Received	07/05/07

The samples were received in EPA specified containers. The samples were transported and received under documented chain of custody and stored at four (4) degrees C until analysis was performed.

Sparger Technology, Inc. ID Suffix Keys - These descriptors will follow the Sparger Technology, Inc. ID numbers and help identify the specific sample and clarify the report.

DUP - Matrix Duplicate
MS - Matrix Spike
MSD - Matrix Spike Duplicate
LCS - Lab Control Sample
LCSD - Lab Control Sample Duplicate
RPD - Relative Percent Difference
QC - Additional Quality Control
DIL - Results from a diluted sample
ND - None Detected
RL - Reporting Limit

Note: In an effort to conserve paper, the results are printed on both sides of the paper.

Ray James
Laboratory Director

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Rebecca Silva
Geocon Consultants
3160 Gold Valley Dr. #800
Rancho Cordova, CA 95742

Workorder 18074

Enclosed are the results from samples received on July 05, 2007.

The requested analyses are listed below.

SAMPLE	SAMPLE DESCRIPTION	DATE COLLECTED	TEST METHOD
18074001	SW1,SW2,SW3-0.0, Soil	07/03/07	EPA 7471A 6010B
18074002	SW2,SW3-1.0, Soil	07/03/07	EPA 7471A 6010B
18074003	SW3-2.0, Soil	07/03/07	EPA 7471A 6010B
18074004	SW4,SW5,SW6-0.0, Soil	07/03/07	EPA 7471A 6010B
18074005	SW4,SW5,SW6-1.0, Soil	07/03/07	EPA 7471A 6010B
18074006	SW4,SW5,SW6-2.0, Soil	07/03/07	EPA 7471A 6010B
18074007	SW7,SW8,SW9-0.0, Soil	07/03/07	EPA 7471A 6010B
18074008	SW7,SW8,SW9-1.0, Soil	07/03/07	EPA 7471A 6010B
18074009	SW7,SW8-2.0, Soil	07/03/07	EPA 7471A 6010B
18074010	SW10,SW11,SW12-0.0, Soil	07/03/07	EPA 7471A 6010B
18074011	SW10,SW12-1.0, Soil	07/03/07	EPA 7471A 6010B
18074012	SW10,SW12-2.0, Soil	07/03/07	EPA 7471A 6010B
18074013	SW13,SW14,SW15-0.0, Soil	07/03/07	EPA 7471A 6010B
18074014	SW13,SW14,SW15-1.0, Soil	07/03/07	EPA 7471A 6010B

Workorder 18074

SAMPLE	SAMPLE DESCRIPTION	DATE COLLECTED	TEST METHOD
18074015	SW13,SW15-2.0, Soil	07/03/07	EPA 7471A 6010B
18074016	SW16,SW17-0.0, Soil	07/03/07	EPA 7471A 6010B
18074017	SW16,SW17-1.0, Soil	07/03/07	EPA 7471A 6010B
18074018	SW16,SW17-2.0, Soil	07/03/07	EPA 7471A 6010B
18074019	SW18-0.0, Soil	07/03/07	EPA 7471A 6010B
18074020	SW18-1.0, Soil	07/03/07	EPA 7471A 6010B
18074021	SW18-2.0, Soil	07/03/07	EPA 7471A 6010B

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 ADL
Workorder #	18074	**Sampled**	07/03/07
Laboratory ID	18074001	**Received**	07/05/07
Sample ID	SW1,SW2,SW3-0.0	**Reported**	07/19/07
Matrix	Soil		

Metals, CAM16 - 6010B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	07/18/07	07/19/07	ND	6.0	mg/Kg	1:1
Arsenic	**07/18/07**	**07/19/07**	**3.6**	**2.0**	**mg/Kg**	**1:1**
Barium	**07/18/07**	**07/19/07**	**95**	**2.0**	**mg/Kg**	**1:1**
Beryllium	07/18/07	07/19/07	ND	0.30	mg/Kg	1:1
Cadmium	07/18/07	07/19/07	ND	0.50	mg/Kg	1:1
Chromium	**07/18/07**	**07/19/07**	**21**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**07/18/07**	**07/19/07**	**8.5**	**5.0**	**mg/Kg**	**1:1**
Copper	**07/18/07**	**07/19/07**	**15**	**2.0**	**mg/Kg**	**1:1**
Lead	**07/18/07**	**07/19/07**	**19**	**1.0**	**mg/Kg**	**1:1**
Molybdenum	07/18/07	07/19/07	ND	5.0	mg/Kg	1:1
Nickel	**07/18/07**	**07/19/07**	**18**	**4.0**	**mg/Kg**	**1:1**
Selenium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Silver	07/18/07	07/19/07	ND	1.0	mg/Kg	1:1
Thallium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Vanadium	**07/18/07**	**07/19/07**	**40**	**5.0**	**mg/Kg**	**1:1**
Zinc	**07/18/07**	**07/19/07**	**41**	**1.5**	**mg/Kg**	**1:1**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 ADL
Workorder #	18074	**Sampled**	07/03/07
Laboratory ID	18074002	**Received**	07/05/07
Sample ID	SW2,SW3-1.0	**Reported**	07/19/07
Matrix	Soil		

Metals, CAM16 - 6010B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	07/18/07	07/19/07	ND	6.0	mg/Kg	1:1
Arsenic	**07/18/07**	**07/19/07**	**3.0**	**2.0**	**mg/Kg**	**1:1**
Barium	**07/18/07**	**07/19/07**	**73**	**2.0**	**mg/Kg**	**1:1**
Beryllium	07/18/07	07/19/07	ND	0.30	mg/Kg	1:1
Cadmium	07/18/07	07/19/07	ND	0.50	mg/Kg	1:1
Chromium	**07/18/07**	**07/19/07**	**17**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**07/18/07**	**07/19/07**	**8.0**	**5.0**	**mg/Kg**	**1:1**
Copper	**07/18/07**	**07/19/07**	**13**	**2.0**	**mg/Kg**	**1:1**
Lead	**07/18/07**	**07/19/07**	**13**	**1.0**	**mg/Kg**	**1:1**
Molybdenum	07/18/07	07/19/07	ND	5.0	mg/Kg	1:1
Nickel	**07/18/07**	**07/19/07**	**16**	**4.0**	**mg/Kg**	**1:1**
Selenium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Silver	07/18/07	07/19/07	ND	1.0	mg/Kg	1:1
Thallium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Vanadium	**07/18/07**	**07/19/07**	**33**	**5.0**	**mg/Kg**	**1:1**
Zinc	**07/18/07**	**07/19/07**	**29**	**1.5**	**mg/Kg**	**1:1**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 ADL
Workorder #	18074	**Sampled**	07/03/07
Laboratory ID	18074003	**Received**	07/05/07
Sample ID	SW3-2.0	**Reported**	07/19/07
Matrix	Soil		

Metals, CAM16 - 6010B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	07/18/07	07/19/07	ND	6.0	mg/Kg	1:1
Arsenic	**07/18/07**	**07/19/07**	**2.2**	**2.0**	**mg/Kg**	**1:1**
Barium	**07/18/07**	**07/19/07**	**72**	**2.0**	**mg/Kg**	**1:1**
Beryllium	07/18/07	07/19/07	ND	0.30	mg/Kg	1:1
Cadmium	07/18/07	07/19/07	ND	0.50	mg/Kg	1:1
Chromium	**07/18/07**	**07/19/07**	**24**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**07/18/07**	**07/19/07**	**6.4**	**5.0**	**mg/Kg**	**1:1**
Copper	**07/18/07**	**07/19/07**	**8.7**	**2.0**	**mg/Kg**	**1:1**
Lead	**07/18/07**	**07/19/07**	**18**	**1.0**	**mg/Kg**	**1:1**
Molybdenum	07/18/07	07/19/07	ND	5.0	mg/Kg	1:1
Nickel	**07/18/07**	**07/19/07**	**12**	**4.0**	**mg/Kg**	**1:1**
Selenium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Silver	07/18/07	07/19/07	ND	1.0	mg/Kg	1:1
Thallium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Vanadium	**07/18/07**	**07/19/07**	**32**	**5.0**	**mg/Kg**	**1:1**
Zinc	**07/18/07**	**07/19/07**	**30**	**1.5**	**mg/Kg**	**1:1**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 ADL
Workorder #	18074	**Sampled**	07/03/07
Laboratory ID	18074004	**Received**	07/05/07
Sample ID	SW4,SW5,SW6-0.0	**Reported**	07/19/07
Matrix	Soil		

Metals, CAM16 - 6010B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	07/18/07	07/19/07	ND	6.0	mg/Kg	1:1
Arsenic	**07/18/07**	**07/19/07**	**2.9**	**2.0**	**mg/Kg**	**1:1**
Barium	**07/18/07**	**07/19/07**	**104**	**2.0**	**mg/Kg**	**1:1**
Beryllium	07/18/07	07/19/07	ND	0.30	mg/Kg	1:1
Cadmium	07/18/07	07/19/07	ND	0.50	mg/Kg	1:1
Chromium	**07/18/07**	**07/19/07**	**26**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**07/18/07**	**07/19/07**	**8.6**	**5.0**	**mg/Kg**	**1:1**
Copper	**07/18/07**	**07/19/07**	**16**	**2.0**	**mg/Kg**	**1:1**
Lead	**07/18/07**	**07/19/07**	**22**	**1.0**	**mg/Kg**	**1:1**
Molybdenum	07/18/07	07/19/07	ND	5.0	mg/Kg	1:1
Nickel	**07/18/07**	**07/19/07**	**23**	**4.0**	**mg/Kg**	**1:1**
Selenium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Silver	07/18/07	07/19/07	ND	1.0	mg/Kg	1:1
Thallium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Vanadium	**07/18/07**	**07/19/07**	**33**	**5.0**	**mg/Kg**	**1:1**
Zinc	**07/18/07**	**07/19/07**	**59**	**1.5**	**mg/Kg**	**1:1**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 ADL
Workorder #	18074	**Sampled**	07/03/07
Laboratory ID	18074005	**Received**	07/05/07
Sample ID	SW4,SW5,SW6-1.0	**Reported**	07/19/07
Matrix	Soil		

Metals, CAM16 - 6010B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	07/18/07	07/19/07	ND	6.0	mg/Kg	1:1
Arsenic	**07/18/07**	**07/19/07**	**3.8**	**2.0**	**mg/Kg**	**1:1**
Barium	**07/18/07**	**07/19/07**	**103**	**2.0**	**mg/Kg**	**1:1**
Beryllium	07/18/07	07/19/07	ND	0.30	mg/Kg	1:1
Cadmium	07/18/07	07/19/07	ND	0.50	mg/Kg	1:1
Chromium	**07/18/07**	**07/19/07**	**17**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**07/18/07**	**07/19/07**	**8.2**	**5.0**	**mg/Kg**	**1:1**
Copper	**07/18/07**	**07/19/07**	**12**	**2.0**	**mg/Kg**	**1:1**
Lead	**07/18/07**	**07/19/07**	**6.9**	**1.0**	**mg/Kg**	**1:1**
Molybdenum	07/18/07	07/19/07	ND	5.0	mg/Kg	1:1
Nickel	**07/18/07**	**07/19/07**	**12**	**4.0**	**mg/Kg**	**1:1**
Selenium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Silver	07/18/07	07/19/07	ND	1.0	mg/Kg	1:1
Thallium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Vanadium	**07/18/07**	**07/19/07**	**33**	**5.0**	**mg/Kg**	**1:1**
Zinc	**07/18/07**	**07/19/07**	**31**	**1.5**	**mg/Kg**	**1:1**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 ADL
Workorder #	18074	**Sampled**	07/03/07
Laboratory ID	18074006	**Received**	07/05/07
Sample ID	SW4,SW5,SW6-2.0	**Reported**	07/19/07
Matrix	Soil		

Metals, CAM16 - 6010B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	07/18/07	07/19/07	ND	6.0	mg/Kg	1:1
Arsenic	**07/18/07**	**07/19/07**	**2.3**	**2.0**	**mg/Kg**	**1:1**
Barium	**07/18/07**	**07/19/07**	**61**	**2.0**	**mg/Kg**	**1:1**
Beryllium	07/18/07	07/19/07	ND	0.30	mg/Kg	1:1
Cadmium	07/18/07	07/19/07	ND	0.50	mg/Kg	1:1
Chromium	**07/18/07**	**07/19/07**	**18**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**07/18/07**	**07/19/07**	**7.7**	**5.0**	**mg/Kg**	**1:1**
Copper	**07/18/07**	**07/19/07**	**7.9**	**2.0**	**mg/Kg**	**1:1**
Lead	**07/18/07**	**07/19/07**	**4.0**	**1.0**	**mg/Kg**	**1:1**
Molybdenum	07/18/07	07/19/07	ND	5.0	mg/Kg	1:1
Nickel	**07/18/07**	**07/19/07**	**8.2**	**4.0**	**mg/Kg**	**1:1**
Selenium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Silver	07/18/07	07/19/07	ND	1.0	mg/Kg	1:1
Thallium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Vanadium	**07/18/07**	**07/19/07**	**26**	**5.0**	**mg/Kg**	**1:1**
Zinc	**07/18/07**	**07/19/07**	**13**	**1.5**	**mg/Kg**	**1:1**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 ADL
Workorder #	18074	**Sampled**	07/03/07
Laboratory ID	18074007	**Received**	07/05/07
Sample ID	SW7,SW8,SW9-0.0	**Reported**	07/19/07
Matrix	Soil		

Metals, CAM16 - 6010B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	07/18/07	07/19/07	ND	6.0	mg/Kg	1:1
Arsenic	**07/18/07**	**07/19/07**	**3.1**	**2.0**	**mg/Kg**	**1:1**
Barium	**07/18/07**	**07/19/07**	**86**	**2.0**	**mg/Kg**	**1:1**
Beryllium	07/18/07	07/19/07	ND	0.30	mg/Kg	1:1
Cadmium	07/18/07	07/19/07	ND	0.50	mg/Kg	1:1
Chromium	**07/18/07**	**07/19/07**	**21**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**07/18/07**	**07/19/07**	**8.1**	**5.0**	**mg/Kg**	**1:1**
Copper	**07/18/07**	**07/19/07**	**11**	**2.0**	**mg/Kg**	**1:1**
Lead	**07/18/07**	**07/19/07**	**19**	**1.0**	**mg/Kg**	**1:1**
Molybdenum	07/18/07	07/19/07	ND	5.0	mg/Kg	1:1
Nickel	**07/18/07**	**07/19/07**	**15**	**4.0**	**mg/Kg**	**1:1**
Selenium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Silver	07/18/07	07/19/07	ND	1.0	mg/Kg	1:1
Thallium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Vanadium	**07/18/07**	**07/19/07**	**26**	**5.0**	**mg/Kg**	**1:1**
Zinc	**07/18/07**	**07/19/07**	**40**	**1.5**	**mg/Kg**	**1:1**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 ADL
Workorder #	18074	**Sampled**	07/03/07
Laboratory ID	18074008	**Received**	07/05/07
Sample ID	SW7,SW8,SW9-1.0	**Reported**	07/19/07
Matrix	Soil		

Metals, CAM16 - 6010B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	07/18/07	07/19/07	ND	6.0	mg/Kg	1:1
Arsenic	**07/18/07**	**07/19/07**	**2.7**	**2.0**	**mg/Kg**	**1:1**
Barium	**07/18/07**	**07/19/07**	**75**	**2.0**	**mg/Kg**	**1:1**
Beryllium	07/18/07	07/19/07	ND	0.30	mg/Kg	1:1
Cadmium	07/18/07	07/19/07	ND	0.50	mg/Kg	1:1
Chromium	**07/18/07**	**07/19/07**	**20**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**07/18/07**	**07/19/07**	**7.0**	**5.0**	**mg/Kg**	**1:1**
Copper	**07/18/07**	**07/19/07**	**8.7**	**2.0**	**mg/Kg**	**1:1**
Lead	**07/18/07**	**07/19/07**	**7.1**	**1.0**	**mg/Kg**	**1:1**
Molybdenum	07/18/07	07/19/07	ND	5.0	mg/Kg	1:1
Nickel	**07/18/07**	**07/19/07**	**13**	**4.0**	**mg/Kg**	**1:1**
Selenium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Silver	07/18/07	07/19/07	ND	1.0	mg/Kg	1:1
Thallium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Vanadium	**07/18/07**	**07/19/07**	**27**	**5.0**	**mg/Kg**	**1:1**
Zinc	**07/18/07**	**07/19/07**	**42**	**1.5**	**mg/Kg**	**1:1**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 ADL
Workorder #	18074	**Sampled**	07/03/07
Laboratory ID	18074009	**Received**	07/05/07
Sample ID	SW7,SW8-2.0	**Reported**	07/19/07
Matrix	Soil		

Metals, CAM16 - 6010B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	07/18/07	07/19/07	ND	6.0	mg/Kg	1:1
Arsenic	**07/18/07**	**07/19/07**	**2.3**	**2.0**	**mg/Kg**	**1:1**
Barium	**07/18/07**	**07/19/07**	**127**	**2.0**	**mg/Kg**	**1:1**
Beryllium	07/18/07	07/19/07	ND	0.30	mg/Kg	1:1
Cadmium	07/18/07	07/19/07	ND	0.50	mg/Kg	1:1
Chromium	**07/18/07**	**07/19/07**	**27**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**07/18/07**	**07/19/07**	**6.8**	**5.0**	**mg/Kg**	**1:1**
Copper	**07/18/07**	**07/19/07**	**9.3**	**2.0**	**mg/Kg**	**1:1**
Lead	**07/18/07**	**07/19/07**	**4.4**	**1.0**	**mg/Kg**	**1:1**
Molybdenum	07/18/07	07/19/07	ND	5.0	mg/Kg	1:1
Nickel	**07/18/07**	**07/19/07**	**24**	**4.0**	**mg/Kg**	**1:1**
Selenium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Silver	07/18/07	07/19/07	ND	1.0	mg/Kg	1:1
Thallium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Vanadium	**07/18/07**	**07/19/07**	**40**	**5.0**	**mg/Kg**	**1:1**
Zinc	**07/18/07**	**07/19/07**	**23**	**1.5**	**mg/Kg**	**1:1**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 ADL
Workorder #	18074	**Sampled**	07/03/07
Laboratory ID	18074010	**Received**	07/05/07
Sample ID	SW10,SW11,SW12-0.0	**Reported**	07/19/07
Matrix	Soil		

Metals, CAM16 - 6010B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	07/18/07	07/19/07	ND	6.0	mg/Kg	1:1
Arsenic	**07/18/07**	**07/19/07**	**2.3**	**2.0**	**mg/Kg**	**1:1**
Barium	**07/18/07**	**07/19/07**	**93**	**2.0**	**mg/Kg**	**1:1**
Beryllium	07/18/07	07/19/07	ND	0.30	mg/Kg	1:1
Cadmium	07/18/07	07/19/07	ND	0.50	mg/Kg	1:1
Chromium	**07/18/07**	**07/19/07**	**26**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**07/18/07**	**07/19/07**	**8.7**	**5.0**	**mg/Kg**	**1:1**
Copper	**07/18/07**	**07/19/07**	**14**	**2.0**	**mg/Kg**	**1:1**
Lead	**07/18/07**	**07/19/07**	**22**	**1.0**	**mg/Kg**	**1:1**
Molybdenum	07/18/07	07/19/07	ND	5.0	mg/Kg	1:1
Nickel	**07/18/07**	**07/19/07**	**33**	**4.0**	**mg/Kg**	**1:1**
Selenium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Silver	07/18/07	07/19/07	ND	1.0	mg/Kg	1:1
Thallium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Vanadium	**07/18/07**	**07/19/07**	**33**	**5.0**	**mg/Kg**	**1:1**
Zinc	**07/18/07**	**07/19/07**	**42**	**1.5**	**mg/Kg**	**1:1**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 ADL
Workorder #	18074	**Sampled**	07/03/07
Laboratory ID	18074011	**Received**	07/05/07
Sample ID	SW10,SW12-1.0	**Reported**	07/19/07
Matrix	Soil		

Metals, CAM16 - 6010B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	07/18/07	07/19/07	ND	6.0	mg/Kg	1:1
Arsenic	**07/18/07**	**07/19/07**	**2.4**	**2.0**	**mg/Kg**	**1:1**
Barium	**07/18/07**	**07/19/07**	**72**	**2.0**	**mg/Kg**	**1:1**
Beryllium	07/18/07	07/19/07	ND	0.30	mg/Kg	1:1
Cadmium	07/18/07	07/19/07	ND	0.50	mg/Kg	1:1
Chromium	**07/18/07**	**07/19/07**	**25**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**07/18/07**	**07/19/07**	**6.8**	**5.0**	**mg/Kg**	**1:1**
Copper	**07/18/07**	**07/19/07**	**10.0**	**2.0**	**mg/Kg**	**1:1**
Lead	**07/18/07**	**07/19/07**	**12**	**1.0**	**mg/Kg**	**1:1**
Molybdenum	07/18/07	07/19/07	ND	5.0	mg/Kg	1:1
Nickel	**07/18/07**	**07/19/07**	**13**	**4.0**	**mg/Kg**	**1:1**
Selenium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Silver	07/18/07	07/19/07	ND	1.0	mg/Kg	1:1
Thallium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Vanadium	**07/18/07**	**07/19/07**	**27**	**5.0**	**mg/Kg**	**1:1**
Zinc	**07/18/07**	**07/19/07**	**33**	**1.5**	**mg/Kg**	**1:1**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 ADL
Workorder #	18074	**Sampled**	07/03/07
Laboratory ID	18074012	**Received**	07/05/07
Sample ID	SW10,SW12-2.0	**Reported**	07/19/07
Matrix	Soil		

Metals, CAM16 - 6010B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	07/18/07	07/19/07	ND	6.0	mg/Kg	1:1
Arsenic	**07/18/07**	**07/19/07**	**2.1**	**2.0**	**mg/Kg**	**1:1**
Barium	**07/18/07**	**07/19/07**	**57**	**2.0**	**mg/Kg**	**1:1**
Beryllium	07/18/07	07/19/07	ND	0.30	mg/Kg	1:1
Cadmium	07/18/07	07/19/07	ND	0.50	mg/Kg	1:1
Chromium	**07/18/07**	**07/19/07**	**14**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**07/18/07**	**07/19/07**	**6.0**	**5.0**	**mg/Kg**	**1:1**
Copper	**07/18/07**	**07/19/07**	**6.7**	**2.0**	**mg/Kg**	**1:1**
Lead	**07/18/07**	**07/19/07**	**4.1**	**1.0**	**mg/Kg**	**1:1**
Molybdenum	07/18/07	07/19/07	ND	5.0	mg/Kg	1:1
Nickel	**07/18/07**	**07/19/07**	**6.4**	**4.0**	**mg/Kg**	**1:1**
Selenium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Silver	07/18/07	07/19/07	ND	1.0	mg/Kg	1:1
Thallium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Vanadium	**07/18/07**	**07/19/07**	**19**	**5.0**	**mg/Kg**	**1:1**
Zinc	**07/18/07**	**07/19/07**	**11**	**1.5**	**mg/Kg**	**1:1**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 ADL
Workorder #	18074	**Sampled**	07/03/07
Laboratory ID	18074013	**Received**	07/05/07
Sample ID	SW13,SW14,SW15-0.0	**Reported**	07/19/07
Matrix	Soil		

Metals, CAM16 - 6010B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	07/18/07	07/19/07	ND	6.0	mg/Kg	1:1
Arsenic	**07/18/07**	**07/19/07**	**2.6**	**2.0**	**mg/Kg**	**1:1**
Barium	**07/18/07**	**07/19/07**	**233**	**2.0**	**mg/Kg**	**1:1**
Beryllium	07/18/07	07/19/07	ND	0.30	mg/Kg	1:1
Cadmium	07/18/07	07/19/07	ND	0.50	mg/Kg	1:1
Chromium	**07/18/07**	**07/19/07**	**19**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**07/18/07**	**07/19/07**	**7.1**	**5.0**	**mg/Kg**	**1:1**
Copper	**07/18/07**	**07/19/07**	**12**	**2.0**	**mg/Kg**	**1:1**
Lead	**07/18/07**	**07/19/07**	**12**	**1.0**	**mg/Kg**	**1:1**
Molybdenum	07/18/07	07/19/07	ND	5.0	mg/Kg	1:1
Nickel	**07/18/07**	**07/19/07**	**14**	**4.0**	**mg/Kg**	**1:1**
Selenium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Silver	07/18/07	07/19/07	ND	1.0	mg/Kg	1:1
Thallium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Vanadium	**07/18/07**	**07/19/07**	**26**	**5.0**	**mg/Kg**	**1:1**
Zinc	**07/18/07**	**07/19/07**	**31**	**1.5**	**mg/Kg**	**1:1**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 ADL
Workorder #	18074	**Sampled**	07/03/07
Laboratory ID	18074014	**Received**	07/05/07
Sample ID	SW13,SW14,SW15-1.0	**Reported**	07/19/07
Matrix	Soil		

Metals, CAM16 - 6010B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	07/18/07	07/19/07	ND	6.0	mg/Kg	1:1
Arsenic	**07/18/07**	**07/19/07**	**2.6**	**2.0**	**mg/Kg**	**1:1**
Barium	**07/18/07**	**07/19/07**	**115**	**2.0**	**mg/Kg**	**1:1**
Beryllium	07/18/07	07/19/07	ND	0.30	mg/Kg	1:1
Cadmium	07/18/07	07/19/07	ND	0.50	mg/Kg	1:1
Chromium	**07/18/07**	**07/19/07**	**18**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**07/18/07**	**07/19/07**	**7.8**	**5.0**	**mg/Kg**	**1:1**
Copper	**07/18/07**	**07/19/07**	**12**	**2.0**	**mg/Kg**	**1:1**
Lead	**07/18/07**	**07/19/07**	**14**	**1.0**	**mg/Kg**	**1:1**
Molybdenum	07/18/07	07/19/07	ND	5.0	mg/Kg	1:1
Nickel	**07/18/07**	**07/19/07**	**14**	**4.0**	**mg/Kg**	**1:1**
Selenium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Silver	07/18/07	07/19/07	ND	1.0	mg/Kg	1:1
Thallium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Vanadium	**07/18/07**	**07/19/07**	**23**	**5.0**	**mg/Kg**	**1:1**
Zinc	**07/18/07**	**07/19/07**	**32**	**1.5**	**mg/Kg**	**1:1**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 ADL
Workorder #	18074	**Sampled**	07/03/07
Laboratory ID	18074015	**Received**	07/05/07
Sample ID	SW13,SW15-2.0	**Reported**	07/19/07
Matrix	Soil		

Metals, CAM16 - 6010B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	07/18/07	07/19/07	ND	6.0	mg/Kg	1:1
Arsenic	**07/18/07**	**07/19/07**	**2.9**	**2.0**	**mg/Kg**	**1:1**
Barium	**07/18/07**	**07/19/07**	**85**	**2.0**	**mg/Kg**	**1:1**
Beryllium	07/18/07	07/19/07	ND	0.30	mg/Kg	1:1
Cadmium	07/18/07	07/19/07	ND	0.50	mg/Kg	1:1
Chromium	**07/18/07**	**07/19/07**	**18**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**07/18/07**	**07/19/07**	**8.1**	**5.0**	**mg/Kg**	**1:1**
Copper	**07/18/07**	**07/19/07**	**10**	**2.0**	**mg/Kg**	**1:1**
Lead	**07/18/07**	**07/19/07**	**10**	**1.0**	**mg/Kg**	**1:1**
Molybdenum	07/18/07	07/19/07	ND	5.0	mg/Kg	1:1
Nickel	**07/18/07**	**07/19/07**	**9.4**	**4.0**	**mg/Kg**	**1:1**
Selenium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Silver	07/18/07	07/19/07	ND	1.0	mg/Kg	1:1
Thallium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Vanadium	**07/18/07**	**07/19/07**	**24**	**5.0**	**mg/Kg**	**1:1**
Zinc	**07/18/07**	**07/19/07**	**23**	**1.5**	**mg/Kg**	**1:1**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 ADL
Workorder #	18074	**Sampled**	07/03/07
Laboratory ID	18074016	**Received**	07/05/07
Sample ID	SW16,SW17-0.0	**Reported**	07/19/07
Matrix	Soil		

Metals, CAM16 - 6010B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	07/18/07	07/19/07	ND	6.0	mg/Kg	1:1
Arsenic	**07/18/07**	**07/19/07**	**2.4**	**2.0**	**mg/Kg**	**1:1**
Barium	**07/18/07**	**07/19/07**	**113**	**2.0**	**mg/Kg**	**1:1**
Beryllium	07/18/07	07/19/07	ND	0.30	mg/Kg	1:1
Cadmium	**07/18/07**	**07/19/07**	**0.53**	**0.50**	**mg/Kg**	**1:1**
Chromium	**07/18/07**	**07/19/07**	**32**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**07/18/07**	**07/19/07**	**9.2**	**5.0**	**mg/Kg**	**1:1**
Copper	**07/18/07**	**07/19/07**	**19**	**2.0**	**mg/Kg**	**1:1**
Lead	**07/18/07**	**07/19/07**	**13**	**1.0**	**mg/Kg**	**1:1**
Molybdenum	07/18/07	07/19/07	ND	5.0	mg/Kg	1:1
Nickel	**07/18/07**	**07/19/07**	**32**	**4.0**	**mg/Kg**	**1:1**
Selenium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Silver	07/18/07	07/19/07	ND	1.0	mg/Kg	1:1
Thallium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Vanadium	**07/18/07**	**07/19/07**	**33**	**5.0**	**mg/Kg**	**1:1**
Zinc	**07/18/07**	**07/19/07**	**34**	**1.5**	**mg/Kg**	**1:1**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 ADL
Workorder #	18074	**Sampled**	07/03/07
Laboratory ID	18074017	**Received**	07/05/07
Sample ID	SW16,SW17-1.0	**Reported**	07/19/07
Matrix	Soil		

Metals, CAM16 - 6010B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	07/18/07	07/19/07	ND	6.0	mg/Kg	1:1
Arsenic	**07/18/07**	**07/19/07**	**3.7**	**2.0**	**mg/Kg**	**1:1**
Barium	**07/18/07**	**07/19/07**	**134**	**2.0**	**mg/Kg**	**1:1**
Beryllium	07/18/07	07/19/07	ND	0.30	mg/Kg	1:1
Cadmium	**07/18/07**	**07/19/07**	**1.2**	**0.50**	**mg/Kg**	**1:1**
Chromium	**07/18/07**	**07/19/07**	**35**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**07/18/07**	**07/19/07**	**9.4**	**5.0**	**mg/Kg**	**1:1**
Copper	**07/18/07**	**07/19/07**	**18**	**2.0**	**mg/Kg**	**1:1**
Lead	**07/18/07**	**07/19/07**	**10**	**1.0**	**mg/Kg**	**1:1**
Molybdenum	07/18/07	07/19/07	ND	5.0	mg/Kg	1:1
Nickel	**07/18/07**	**07/19/07**	**29**	**4.0**	**mg/Kg**	**1:1**
Selenium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Silver	07/18/07	07/19/07	ND	1.0	mg/Kg	1:1
Thallium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Vanadium	**07/18/07**	**07/19/07**	**34**	**5.0**	**mg/Kg**	**1:1**
Zinc	**07/18/07**	**07/19/07**	**32**	**1.5**	**mg/Kg**	**1:1**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 ADL
Workorder #	18074	**Sampled**	07/03/07
Laboratory ID	18074018	**Received**	07/05/07
Sample ID	SW16,SW17-2.0	**Reported**	07/19/07
Matrix	Soil		

Metals, CAM16 - 6010B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	07/18/07	07/19/07	ND	6.0	mg/Kg	1:1
Arsenic	**07/18/07**	**07/19/07**	**3.6**	**2.0**	**mg/Kg**	**1:1**
Barium	**07/18/07**	**07/19/07**	**121**	**2.0**	**mg/Kg**	**1:1**
Beryllium	07/18/07	07/19/07	ND	0.30	mg/Kg	1:1
Cadmium	07/18/07	07/19/07	ND	0.50	mg/Kg	1:1
Chromium	**07/18/07**	**07/19/07**	**21**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**07/18/07**	**07/19/07**	**7.1**	**5.0**	**mg/Kg**	**1:1**
Copper	**07/18/07**	**07/19/07**	**12**	**2.0**	**mg/Kg**	**1:1**
Lead	**07/18/07**	**07/19/07**	**4.4**	**1.0**	**mg/Kg**	**1:1**
Molybdenum	07/18/07	07/19/07	ND	5.0	mg/Kg	1:1
Nickel	**07/18/07**	**07/19/07**	**14**	**4.0**	**mg/Kg**	**1:1**
Selenium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Silver	07/18/07	07/19/07	ND	1.0	mg/Kg	1:1
Thallium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Vanadium	**07/18/07**	**07/19/07**	**31**	**5.0**	**mg/Kg**	**1:1**
Zinc	**07/18/07**	**07/19/07**	**21**	**1.5**	**mg/Kg**	**1:1**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 ADL
Workorder #	18074	**Sampled**	07/03/07
Laboratory ID	18074019	**Received**	07/05/07
Sample ID	SW18-0.0	**Reported**	07/19/07
Matrix	Soil		

Metals, CAM16 - 6010B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	07/18/07	07/19/07	ND	6.0	mg/Kg	1:1
Arsenic	**07/18/07**	**07/19/07**	**2.9**	**2.0**	**mg/Kg**	**1:1**
Barium	**07/18/07**	**07/19/07**	**121**	**2.0**	**mg/Kg**	**1:1**
Beryllium	07/18/07	07/19/07	ND	0.30	mg/Kg	1:1
Cadmium	07/18/07	07/19/07	ND	0.50	mg/Kg	1:1
Chromium	**07/18/07**	**07/19/07**	**23**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**07/18/07**	**07/19/07**	**8.9**	**5.0**	**mg/Kg**	**1:1**
Copper	**07/18/07**	**07/19/07**	**10**	**2.0**	**mg/Kg**	**1:1**
Lead	**07/18/07**	**07/19/07**	**14**	**1.0**	**mg/Kg**	**1:1**
Molybdenum	07/18/07	07/19/07	ND	5.0	mg/Kg	1:1
Nickel	**07/18/07**	**07/19/07**	**14**	**4.0**	**mg/Kg**	**1:1**
Selenium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Silver	07/18/07	07/19/07	ND	1.0	mg/Kg	1:1
Thallium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Vanadium	**07/18/07**	**07/19/07**	**30**	**5.0**	**mg/Kg**	**1:1**
Zinc	**07/18/07**	**07/19/07**	**23**	**1.5**	**mg/Kg**	**1:1**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 ADL
Workorder #	18074	**Sampled**	07/03/07
Laboratory ID	18074020	**Received**	07/05/07
Sample ID	SW18-1.0	**Reported**	07/19/07
Matrix	Soil		

Metals, CAM16 - 6010B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	07/18/07	07/19/07	ND	6.0	mg/Kg	1:1
Arsenic	**07/18/07**	**07/19/07**	**2.5**	**2.0**	**mg/Kg**	**1:1**
Barium	**07/18/07**	**07/19/07**	**85**	**2.0**	**mg/Kg**	**1:1**
Beryllium	07/18/07	07/19/07	ND	0.30	mg/Kg	1:1
Cadmium	07/18/07	07/19/07	ND	0.50	mg/Kg	1:1
Chromium	**07/18/07**	**07/19/07**	**17**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**07/18/07**	**07/19/07**	**8.6**	**5.0**	**mg/Kg**	**1:1**
Copper	**07/18/07**	**07/19/07**	**8.2**	**2.0**	**mg/Kg**	**1:1**
Lead	**07/18/07**	**07/19/07**	**5.2**	**1.0**	**mg/Kg**	**1:1**
Molybdenum	07/18/07	07/19/07	ND	5.0	mg/Kg	1:1
Nickel	**07/18/07**	**07/19/07**	**9.0**	**4.0**	**mg/Kg**	**1:1**
Selenium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Silver	07/18/07	07/19/07	ND	1.0	mg/Kg	1:1
Thallium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Vanadium	**07/18/07**	**07/19/07**	**23**	**5.0**	**mg/Kg**	**1:1**
Zinc	**07/18/07**	**07/19/07**	**14**	**1.5**	**mg/Kg**	**1:1**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 ADL
Workorder #	18074	**Sampled**	07/03/07
Laboratory ID	18074021	**Received**	07/05/07
Sample ID	SW18-2.0	**Reported**	07/19/07
Matrix	Soil		

Metals, CAM16 - 6010B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	07/18/07	07/19/07	ND	6.0	mg/Kg	1:1
Arsenic	07/18/07	07/19/07	ND	2.0	mg/Kg	1:1
Barium	**07/18/07**	**07/19/07**	**63**	**2.0**	**mg/Kg**	**1:1**
Beryllium	07/18/07	07/19/07	ND	0.30	mg/Kg	1:1
Cadmium	07/18/07	07/19/07	ND	0.50	mg/Kg	1:1
Chromium	**07/18/07**	**07/19/07**	**14**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**07/18/07**	**07/19/07**	**7.5**	**5.0**	**mg/Kg**	**1:1**
Copper	**07/18/07**	**07/19/07**	**7.5**	**2.0**	**mg/Kg**	**1:1**
Lead	**07/18/07**	**07/19/07**	**5.6**	**1.0**	**mg/Kg**	**1:1**
Molybdenum	07/18/07	07/19/07	ND	5.0	mg/Kg	1:1
Nickel	**07/18/07**	**07/19/07**	**7.3**	**4.0**	**mg/Kg**	**1:1**
Selenium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Silver	07/18/07	07/19/07	ND	1.0	mg/Kg	1:1
Thallium	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Vanadium	**07/18/07**	**07/19/07**	**20**	**5.0**	**mg/Kg**	**1:1**
Zinc	**07/18/07**	**07/19/07**	**12**	**1.5**	**mg/Kg**	**1:1**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID Geocon Consultants
Workorder # 18074 **Workorder ID** I-80 ADL

Parameter Mercury
Method EPA 7471A

Lab ID	Sample ID	Result	RL	Units	Collected	Analyzed	Matrix	Dilution
18074001	SW1,SW2,SW3-0.0	0.027	0.010	mg/Kg	07/03/07	07/19/07	Soil	1:1
18074002	SW2,SW3-1.0	0.016	0.010	mg/Kg	07/03/07	07/19/07	Soil	1:1
18074003	SW3-2.0	0.015	0.010	mg/Kg	07/03/07	07/19/07	Soil	1:1
18074004	SW4,SW5,SW6-0.0	0.033	0.010	mg/Kg	07/03/07	07/19/07	Soil	1:1
18074005	SW4,SW5,SW6-1.0	0.018	0.010	mg/Kg	07/03/07	07/19/07	Soil	1:1
18074006	SW4,SW5,SW6-2.0	0.015	0.010	mg/Kg	07/03/07	07/19/07	Soil	1:1
18074007	SW7,SW8,SW9-0.0	0.042	0.010	mg/Kg	07/03/07	07/19/07	Soil	1:1
18074008	SW7,SW8,SW9-1.0	0.024	0.010	mg/Kg	07/03/07	07/19/07	Soil	1:1
18074009	SW7,SW8-2.0	0.016	0.010	mg/Kg	07/03/07	07/19/07	Soil	1:1
18074010	SW10,SW11,SW12-0.0	0.024	0.010	mg/Kg	07/03/07	07/19/07	Soil	1:1
18074011	SW10,SW12-1.0	0.023	0.010	mg/Kg	07/03/07	07/19/07	Soil	1:1
18074012	SW10,SW12-2.0	0.018	0.010	mg/Kg	07/03/07	07/19/07	Soil	1:1
18074013	SW13,SW14,SW15-0.0	0.019	0.010	mg/Kg	07/03/07	07/19/07	Soil	1:1
18074014	SW13,SW14,SW15-1.0	0.019	0.010	mg/Kg	07/03/07	07/19/07	Soil	1:1
18074015	SW13,SW15-2.0	0.021	0.010	mg/Kg	07/03/07	07/19/07	Soil	1:1
18074016	SW16,SW17-0.0	ND	0.010	mg/Kg	07/03/07	07/19/07	Soil	1:1
18074017	SW16,SW17-1.0	ND	0.010	mg/Kg	07/03/07	07/19/07	Soil	1:1
18074018	SW16,SW17-2.0	ND	0.010	mg/Kg	07/03/07	07/19/07	Soil	1:1
18074019	SW18-0.0	0.022	0.010	mg/Kg	07/03/07	07/19/07	Soil	1:1
18074020	SW18-1.0	0.020	0.010	mg/Kg	07/03/07	07/19/07	Soil	1:1
18074021	SW18-2.0	0.018	0.010	mg/Kg	07/03/07	07/19/07	Soil	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Method Blank Report

Client ID	Geocon Consultants
Workorder ID	I-80 ADL
Laboratory ID	82850
Sample ID	MB for HBN 328550 [ICPV/6047]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	07/18/07	07/19/07	ND	6.0	mg/Kg	1:1
Arsenic	6010B	07/18/07	07/19/07	ND	2.0	mg/Kg	1:1
Barium	6010B	07/18/07	07/19/07	ND	2.0	mg/Kg	1:1
Beryllium	6010B	07/18/07	07/19/07	ND	0.30	mg/Kg	1:1
Cadmium	6010B	07/18/07	07/19/07	ND	0.50	mg/Kg	1:1
Chromium	6010B	07/18/07	07/19/07	ND	1.0	mg/Kg	1:1
Cobalt	6010B	07/18/07	07/19/07	ND	5.0	mg/Kg	1:1
Copper	6010B	07/18/07	07/19/07	ND	2.0	mg/Kg	1:1
Lead	6010B	07/18/07	07/19/07	ND	1.0	mg/Kg	1:1
Molybdenum	6010B	07/18/07	07/19/07	ND	5.0	mg/Kg	1:1
Nickel	6010B	07/18/07	07/19/07	ND	4.0	mg/Kg	1:1
Selenium	6010B	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Silver	6010B	07/18/07	07/19/07	ND	1.0	mg/Kg	1:1
Thallium	6010B	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Vanadium	6010B	07/18/07	07/19/07	ND	5.0	mg/Kg	1:1
Zinc	6010B	07/18/07	07/19/07	ND	1.5	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Lab Control Sample Report

Client ID Geocon Consultants
Workorder ID I-80 ADL
Laboratory ID 82851
Sample ID LCS for HBN 328550 [ICPV/6047]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	07/18/07	07/19/07	54	6.0	mg/Kg	1:1
Arsenic	6010B	07/18/07	07/19/07	51	2.0	mg/Kg	1:1
Barium	6010B	07/18/07	07/19/07	51	2.0	mg/Kg	1:1
Beryllium	6010B	07/18/07	07/19/07	9.7	0.30	mg/Kg	1:1
Cadmium	6010B	07/18/07	07/19/07	19	0.50	mg/Kg	1:1
Chromium	6010B	07/18/07	07/19/07	50	1.0	mg/Kg	1:1
Cobalt	6010B	07/18/07	07/19/07	20	5.0	mg/Kg	1:1
Copper	6010B	07/18/07	07/19/07	50	2.0	mg/Kg	1:1
Lead	6010B	07/18/07	07/19/07	52	1.0	mg/Kg	1:1
Molybdenum	6010B	07/18/07	07/19/07	51	5.0	mg/Kg	1:1
Nickel	6010B	07/18/07	07/19/07	95	4.0	mg/Kg	1:1
Selenium	6010B	07/18/07	07/19/07	57	10	mg/Kg	1:1
Silver	6010B	07/18/07	07/19/07	5.0	1.0	mg/Kg	1:1
Thallium	6010B	07/18/07	07/19/07	56	10	mg/Kg	1:1
Vanadium	6010B	07/18/07	07/19/07	23	5.0	mg/Kg	1:1
Zinc	6010B	07/18/07	07/19/07	53	1.5	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Lab Control Sample Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 ADL
Laboratory ID 82852
Sample ID LCSD for HBN 328550 [ICPV/6047
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	07/18/07	07/19/07	56	6.0	mg/Kg	1:1
Arsenic	6010B	07/18/07	07/19/07	55	2.0	mg/Kg	1:1
Barium	6010B	07/18/07	07/19/07	53	2.0	mg/Kg	1:1
Beryllium	6010B	07/18/07	07/19/07	10.0	0.30	mg/Kg	1:1
Cadmium	6010B	07/18/07	07/19/07	20	0.50	mg/Kg	1:1
Chromium	6010B	07/18/07	07/19/07	52	1.0	mg/Kg	1:1
Cobalt	6010B	07/18/07	07/19/07	21	5.0	mg/Kg	1:1
Copper	6010B	07/18/07	07/19/07	51	2.0	mg/Kg	1:1
Lead	6010B	07/18/07	07/19/07	54	1.0	mg/Kg	1:1
Molybdenum	6010B	07/18/07	07/19/07	53	5.0	mg/Kg	1:1
Nickel	6010B	07/18/07	07/19/07	100	4.0	mg/Kg	1:1
Selenium	6010B	07/18/07	07/19/07	60	10	mg/Kg	1:1
Silver	6010B	07/18/07	07/19/07	4.8	1.0	mg/Kg	1:1
Thallium	6010B	07/18/07	07/19/07	59	10	mg/Kg	1:1
Vanadium	6010B	07/18/07	07/19/07	24	5.0	mg/Kg	1:1
Zinc	6010B	07/18/07	07/19/07	55	1.5	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Matrix Spike Report

Client ID Geocon Consultants
Workorder ID I-80 ADL
Laboratory ID 82853
Sample ID MS for HBN 328550 [ICPV/6047]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	07/18/07	07/19/07	40	6.0	mg/Kg	1:1
Arsenic	6010B	07/18/07	07/19/07	55	2.0	mg/Kg	1:1
Barium	6010B	07/18/07	07/19/07	149	2.0	mg/Kg	1:1
Beryllium	6010B	07/18/07	07/19/07	9.6	0.30	mg/Kg	1:1
Cadmium	6010B	07/18/07	07/19/07	20	0.50	mg/Kg	1:1
Chromium	6010B	07/18/07	07/19/07	73	1.0	mg/Kg	1:1
Cobalt	6010B	07/18/07	07/19/07	28	5.0	mg/Kg	1:1
Copper	6010B	07/18/07	07/19/07	71	2.0	mg/Kg	1:1
Lead	6010B	07/18/07	07/19/07	68	1.0	mg/Kg	1:1
Molybdenum	6010B	07/18/07	07/19/07	45	5.0	mg/Kg	1:1
Nickel	6010B	07/18/07	07/19/07	116	4.0	mg/Kg	1:1
Selenium	6010B	07/18/07	07/19/07	58	10	mg/Kg	1:1
Silver	6010B	07/18/07	07/19/07	4.4	1.0	mg/Kg	1:1
Thallium	6010B	07/18/07	07/19/07	55	10	mg/Kg	1:1
Vanadium	6010B	07/18/07	07/19/07	64	5.0	mg/Kg	1:1
Zinc	6010B	07/18/07	07/19/07	97	1.5	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Matrix Spike Duplicate Report

Client ID	Geocon Consultants
Workorder ID	I-80 ADL
Laboratory ID	82854
Sample ID	MSD for HBN 328550 [ICPV/6047]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	07/18/07	07/19/07	45	6.0	mg/Kg	1:1
Arsenic	6010B	07/18/07	07/19/07	54	2.0	mg/Kg	1:1
Barium	6010B	07/18/07	07/19/07	154	2.0	mg/Kg	1:1
Beryllium	6010B	07/18/07	07/19/07	9.8	0.30	mg/Kg	1:1
Cadmium	6010B	07/18/07	07/19/07	21	0.50	mg/Kg	1:1
Chromium	6010B	07/18/07	07/19/07	75	1.0	mg/Kg	1:1
Cobalt	6010B	07/18/07	07/19/07	29	5.0	mg/Kg	1:1
Copper	6010B	07/18/07	07/19/07	72	2.0	mg/Kg	1:1
Lead	6010B	07/18/07	07/19/07	70	1.0	mg/Kg	1:1
Molybdenum	6010B	07/18/07	07/19/07	48	5.0	mg/Kg	1:1
Nickel	6010B	07/18/07	07/19/07	120	4.0	mg/Kg	1:1
Selenium	6010B	07/18/07	07/19/07	59	10	mg/Kg	1:1
Silver	6010B	07/18/07	07/19/07	4.3	1.0	mg/Kg	1:1
Thallium	6010B	07/18/07	07/19/07	56	10	mg/Kg	1:1
Vanadium	6010B	07/18/07	07/19/07	66	5.0	mg/Kg	1:1
Zinc	6010B	07/18/07	07/19/07	101	1.5	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 ADL
Laboratory ID 82855
Sample ID DUP for HBN 328550 [ICPV/6047]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	07/18/07	07/19/07	ND	6.0	mg/Kg	1:1
Arsenic	6010B	07/18/07	07/19/07	3.0	2.0	mg/Kg	1:1
Barium	6010B	07/18/07	07/19/07	99	2.0	mg/Kg	1:1
Beryllium	6010B	07/18/07	07/19/07	ND	0.30	mg/Kg	1:1
Cadmium	6010B	07/18/07	07/19/07	ND	0.50	mg/Kg	1:1
Chromium	6010B	07/18/07	07/19/07	20	1.0	mg/Kg	1:1
Cobalt	6010B	07/18/07	07/19/07	9.3	5.0	mg/Kg	1:1
Copper	6010B	07/18/07	07/19/07	15	2.0	mg/Kg	1:1
Lead	6010B	07/18/07	07/19/07	19	1.0	mg/Kg	1:1
Molybdenum	6010B	07/18/07	07/19/07	ND	5.0	mg/Kg	1:1
Nickel	6010B	07/18/07	07/19/07	19	4.0	mg/Kg	1:1
Selenium	6010B	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Silver	6010B	07/18/07	07/19/07	ND	1.0	mg/Kg	1:1
Thallium	6010B	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Vanadium	6010B	07/18/07	07/19/07	40	5.0	mg/Kg	1:1
Zinc	6010B	07/18/07	07/19/07	42	1.5	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Method Blank Report

Client ID	Geocon Consultants
Workorder ID	I-80 ADL
Laboratory ID	82856
Sample ID	MB for HBN 328553 [ICPV/6048]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	07/18/07	07/19/07	ND	6.0	mg/Kg	1:1
Arsenic	6010B	07/18/07	07/19/07	ND	2.0	mg/Kg	1:1
Barium	6010B	07/18/07	07/19/07	ND	2.0	mg/Kg	1:1
Beryllium	6010B	07/18/07	07/19/07	ND	0.30	mg/Kg	1:1
Cadmium	6010B	07/18/07	07/19/07	ND	0.50	mg/Kg	1:1
Chromium	6010B	07/18/07	07/19/07	ND	1.0	mg/Kg	1:1
Cobalt	6010B	07/18/07	07/19/07	ND	5.0	mg/Kg	1:1
Copper	6010B	07/18/07	07/19/07	ND	2.0	mg/Kg	1:1
Lead	6010B	07/18/07	07/19/07	ND	1.0	mg/Kg	1:1
Molybdenum	6010B	07/18/07	07/19/07	ND	5.0	mg/Kg	1:1
Nickel	6010B	07/18/07	07/19/07	ND	4.0	mg/Kg	1:1
Selenium	6010B	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Silver	6010B	07/18/07	07/19/07	ND	1.0	mg/Kg	1:1
Thallium	6010B	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Vanadium	6010B	07/18/07	07/19/07	ND	5.0	mg/Kg	1:1
Zinc	6010B	07/18/07	07/19/07	ND	1.5	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Lab Control Sample Report

Client ID Geocon Consultants
Workorder ID I-80 ADL
Laboratory ID 82857
Sample ID LCS for HBN 328553 [ICPV/6048]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	07/18/07	07/19/07	57	6.0	mg/Kg	1:1
Arsenic	6010B	07/18/07	07/19/07	53	2.0	mg/Kg	1:1
Barium	6010B	07/18/07	07/19/07	53	2.0	mg/Kg	1:1
Beryllium	6010B	07/18/07	07/19/07	10	0.30	mg/Kg	1:1
Cadmium	6010B	07/18/07	07/19/07	20	0.50	mg/Kg	1:1
Chromium	6010B	07/18/07	07/19/07	52	1.0	mg/Kg	1:1
Cobalt	6010B	07/18/07	07/19/07	21	5.0	mg/Kg	1:1
Copper	6010B	07/18/07	07/19/07	52	2.0	mg/Kg	1:1
Lead	6010B	07/18/07	07/19/07	51	1.0	mg/Kg	1:1
Molybdenum	6010B	07/18/07	07/19/07	50	5.0	mg/Kg	1:1
Nickel	6010B	07/18/07	07/19/07	101	4.0	mg/Kg	1:1
Selenium	6010B	07/18/07	07/19/07	60	10	mg/Kg	1:1
Silver	6010B	07/18/07	07/19/07	4.6	1.0	mg/Kg	1:1
Thallium	6010B	07/18/07	07/19/07	58	10	mg/Kg	1:1
Vanadium	6010B	07/18/07	07/19/07	22	5.0	mg/Kg	1:1
Zinc	6010B	07/18/07	07/19/07	56	1.5	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Lab Control Sample Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 ADL
Laboratory ID 82858
Sample ID LCSD for HBN 328553 [ICPV/6048
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	07/18/07	07/19/07	56	6.0	mg/Kg	1:1
Arsenic	6010B	07/18/07	07/19/07	54	2.0	mg/Kg	1:1
Barium	6010B	07/18/07	07/19/07	53	2.0	mg/Kg	1:1
Beryllium	6010B	07/18/07	07/19/07	10.0	0.30	mg/Kg	1:1
Cadmium	6010B	07/18/07	07/19/07	20	0.50	mg/Kg	1:1
Chromium	6010B	07/18/07	07/19/07	52	1.0	mg/Kg	1:1
Cobalt	6010B	07/18/07	07/19/07	21	5.0	mg/Kg	1:1
Copper	6010B	07/18/07	07/19/07	51	2.0	mg/Kg	1:1
Lead	6010B	07/18/07	07/19/07	51	1.0	mg/Kg	1:1
Molybdenum	6010B	07/18/07	07/19/07	50	5.0	mg/Kg	1:1
Nickel	6010B	07/18/07	07/19/07	100	4.0	mg/Kg	1:1
Selenium	6010B	07/18/07	07/19/07	60	10	mg/Kg	1:1
Silver	6010B	07/18/07	07/19/07	4.5	1.0	mg/Kg	1:1
Thallium	6010B	07/18/07	07/19/07	58	10	mg/Kg	1:1
Vanadium	6010B	07/18/07	07/19/07	22	5.0	mg/Kg	1:1
Zinc	6010B	07/18/07	07/19/07	55	1.5	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Matrix Spike Report

Client ID Geocon Consultants
Workorder ID I-80 ADL
Laboratory ID 82859
Sample ID MS for HBN 328553 [ICPV/6048]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	07/18/07	07/19/07	50	6.0	mg/Kg	1:1
Arsenic	6010B	07/18/07	07/19/07	55	2.0	mg/Kg	1:1
Barium	6010B	07/18/07	07/19/07	114	2.0	mg/Kg	1:1
Beryllium	6010B	07/18/07	07/19/07	9.9	0.30	mg/Kg	1:1
Cadmium	6010B	07/18/07	07/19/07	20	0.50	mg/Kg	1:1
Chromium	6010B	07/18/07	07/19/07	66	1.0	mg/Kg	1:1
Cobalt	6010B	07/18/07	07/19/07	28	5.0	mg/Kg	1:1
Copper	6010B	07/18/07	07/19/07	60	2.0	mg/Kg	1:1
Lead	6010B	07/18/07	07/19/07	57	1.0	mg/Kg	1:1
Molybdenum	6010B	07/18/07	07/19/07	49	5.0	mg/Kg	1:1
Nickel	6010B	07/18/07	07/19/07	107	4.0	mg/Kg	1:1
Selenium	6010B	07/18/07	07/19/07	60	10	mg/Kg	1:1
Silver	6010B	07/18/07	07/19/07	4.3	1.0	mg/Kg	1:1
Thallium	6010B	07/18/07	07/19/07	58	10	mg/Kg	1:1
Vanadium	6010B	07/18/07	07/19/07	44	5.0	mg/Kg	1:1
Zinc	6010B	07/18/07	07/19/07	67	1.5	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Matrix Spike Duplicate Report

Client ID	Geocon Consultants
Workorder ID	I-80 ADL
Laboratory ID	82860
Sample ID	MSD for HBN 328553 [ICPV/6048]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	07/18/07	07/19/07	50	6.0	mg/Kg	1:1
Arsenic	6010B	07/18/07	07/19/07	55	2.0	mg/Kg	1:1
Barium	6010B	07/18/07	07/19/07	115	2.0	mg/Kg	1:1
Beryllium	6010B	07/18/07	07/19/07	9.8	0.30	mg/Kg	1:1
Cadmium	6010B	07/18/07	07/19/07	20	0.50	mg/Kg	1:1
Chromium	6010B	07/18/07	07/19/07	67	1.0	mg/Kg	1:1
Cobalt	6010B	07/18/07	07/19/07	28	5.0	mg/Kg	1:1
Copper	6010B	07/18/07	07/19/07	60	2.0	mg/Kg	1:1
Lead	6010B	07/18/07	07/19/07	57	1.0	mg/Kg	1:1
Molybdenum	6010B	07/18/07	07/19/07	49	5.0	mg/Kg	1:1
Nickel	6010B	07/18/07	07/19/07	107	4.0	mg/Kg	1:1
Selenium	6010B	07/18/07	07/19/07	61	10	mg/Kg	1:1
Silver	6010B	07/18/07	07/19/07	4.5	1.0	mg/Kg	1:1
Thallium	6010B	07/18/07	07/19/07	58	10	mg/Kg	1:1
Vanadium	6010B	07/18/07	07/19/07	45	5.0	mg/Kg	1:1
Zinc	6010B	07/18/07	07/19/07	67	1.5	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 ADL
Laboratory ID 82861
Sample ID DUP for HBN 328553 [ICPV/6048]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	07/18/07	07/19/07	ND	6.0	mg/Kg	1:1
Arsenic	6010B	07/18/07	07/19/07	3.7	2.0	mg/Kg	1:1
Barium	6010B	07/18/07	07/19/07	60	2.0	mg/Kg	1:1
Beryllium	6010B	07/18/07	07/19/07	ND	0.30	mg/Kg	1:1
Cadmium	6010B	07/18/07	07/19/07	ND	0.50	mg/Kg	1:1
Chromium	6010B	07/18/07	07/19/07	18	1.0	mg/Kg	1:1
Cobalt	6010B	07/18/07	07/19/07	7.3	5.0	mg/Kg	1:1
Copper	6010B	07/18/07	07/19/07	7.4	2.0	mg/Kg	1:1
Lead	6010B	07/18/07	07/19/07	5.6	1.0	mg/Kg	1:1
Molybdenum	6010B	07/18/07	07/19/07	ND	5.0	mg/Kg	1:1
Nickel	6010B	07/18/07	07/19/07	7.0	4.0	mg/Kg	1:1
Selenium	6010B	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Silver	6010B	07/18/07	07/19/07	ND	1.0	mg/Kg	1:1
Thallium	6010B	07/18/07	07/19/07	ND	10	mg/Kg	1:1
Vanadium	6010B	07/18/07	07/19/07	20	5.0	mg/Kg	1:1
Zinc	6010B	07/18/07	07/19/07	11	1.5	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Method Blank Report

Client ID	Geocon Consultants
Workorder ID	I-80 ADL
Laboratory ID	82862
Sample ID	MB for HBN 328556 [DIGV/1684]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Mercury	EPA 7471A	07/18/07	07/19/07	ND	0.010	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Lab Control Sample Report

Client ID	Geocon Consultants
Workorder ID	I-80 ADL
Laboratory ID	82863
Sample ID	LCS for HBN 328556 [DIGV/1684]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Mercury	EPA 7471A	07/18/07	07/19/07	0.060	0.010	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Lab Control Sample Duplicate Report

Client ID	Geocon Consultants
Workorder ID	I-80 ADL
Laboratory ID	82864
Sample ID	LCSD for HBN 328556 [DIGV/1684
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Mercury	EPA 7471A	07/18/07	07/19/07	0.054	0.010	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Duplicate Report

Client ID	Geocon Consultants
Workorder ID	I-80 ADL
Laboratory ID	82865
Sample ID	DUP for HBN 328556 [DIGV/1684]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Mercury	EPA 7471A	07/18/07	07/19/07	0.029	0.010	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Matrix Spike Report

Client ID	Geocon Consultants
Workorder ID	I-80 ADL
Laboratory ID	82866
Sample ID	MS for HBN 328556 [DIGV/1684]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Mercury	EPA 7471A	07/18/07	07/19/07	0.084	0.010	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Matrix Spike Duplicate Report

Client ID	Geocon Consultants
Workorder ID	I-80 ADL
Laboratory ID	82867
Sample ID	MSD for HBN 328556 [DIGV/1684]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Mercury	EPA 7471A	07/18/07	07/19/07	0.090	0.010	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Method Blank Report

Client ID	Geocon Consultants
Workorder ID	I-80 ADL
Laboratory ID	82868
Sample ID	MB for HBN 328559 [DIGV/1685]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Mercury	EPA 7471A	07/18/07	07/19/07	ND	0.010	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Lab Control Sample Report

Client ID	Geocon Consultants
Workorder ID	I-80 ADL
Laboratory ID	82869
Sample ID	LCS for HBN 328559 [DIGV/1685]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Mercury	EPA 7471A	07/18/07	07/19/07	0.057	0.010	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Lab Control Sample Duplicate Report

Client ID	Geocon Consultants
Workorder ID	I-80 ADL
Laboratory ID	82870
Sample ID	LCSD for HBN 328559 [DIGV/1685
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Mercury	EPA 7471A	07/18/07	07/19/07	0.057	0.010	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Duplicate Report

Client ID	Geocon Consultants
Workorder ID	I-80 ADL
Laboratory ID	82871
Sample ID	DUP for HBN 328559 [DIGV/1685]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Mercury	EPA 7471A	07/18/07	07/19/07	0.012	0.010	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Matrix Spike Report

Client ID	Geocon Consultants
Workorder ID	I-80 ADL
Laboratory ID	82872
Sample ID	MS for HBN 328559 [DIGV/1685]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Mercury	EPA 7471A	07/18/07	07/19/07	0.071	0.010	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Matrix Spike Duplicate Report

Client ID	Geocon Consultants
Workorder ID	I-80 ADL
Laboratory ID	82873
Sample ID	MSD for HBN 328559 [DIGV/1685]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Mercury	EPA 7471A	07/18/07	07/19/07	0.068	0.010	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

QC SUMMARY

Client ID	Geocon Consultants		
Workorder ID	I-80 ADL		
QC Batch	ICPP 6074	**Original**	18074001
Matrix	Soil	**Sample**	Duplicate [82855]

Parameter	RPD	RPD Limits
Antimony	0000	(35)
Arsenic	17.7	(35)
Barium	4.44	(35)
Beryllium	0000	(35)
Cadmium	0000	(35)
Chromium	1.95	(35)
Cobalt	8.90	(35)
Copper	2.03	(35)
Lead	1.05	(35)
Molybdenum	0000	(35)
Nickel	4.90	(35)
Selenium	0000	(35)
Silver	0000	(35)
Thallium	0000	(35)
Vanadium	1.75	(35)
Zinc	2.18	(35)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

QC SUMMARY

Client ID	Geocon Consultants		
Workorder ID	I-80 ADL		
QC Batch	ICPP 6075	**Original**	18074021
Matrix	Soil	**Sample**	Duplicate [82861]

Parameter	RPD	RPD Limits
Antimony	0000	(35)
Arsenic	70.3*	(35)
Barium	4.73	(35)
Beryllium	0000	(35)
Cadmium	0000	(35)
Chromium	19.3	(35)
Cobalt	3.23	(35)
Copper	1.60	(35)
Lead	1.25	(35)
Molybdenum	0000	(35)
Nickel	3.22	(35)
Selenium	0000	(35)
Silver	0000	(35)
Thallium	0000	(35)
Vanadium	0.9950	(35)
Zinc	1.74	(35)

* High RPD due to sample matrix effect.

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

QC SUMMARY

Client ID	Geocon Consultants		
Workorder ID	I-80 ADL		
QC Batch	DIG 1690	**Original**	18074001
Matrix	Soil	**Sample**	Duplicate [82865]

Parameter	RPD	RPD Limits
Mercury	6.02	(35)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

QC SUMMARY

Client ID	Geocon Consultants		
Workorder ID	I-80 ADL		
QC Batch	DIG 1691	**Original**	18074021
Matrix	Soil	**Sample**	Duplicate [82871]

Parameter	RPD	RPD Limits
Mercury	38.1*	(35)

* High RPD due to sample matrix effect.

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

QC SUMMARY

Client ID	Geocon Consultants		
Workorder ID	I-80 ADL		
QC Batch	ICPP 6074	**Original**	18074001
Matrix	Soil	**Samples**	Matrix Spike [82853] Matrix Spike Duplicate [82854]

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
Antimony	80.2	90.2	(75-125)	11.7	(35 MAX)
Arsenic	102	101	(75-125)	0.9850	(35 MAX)
Barium	109	119	(75-125)	8.77	(35 MAX)
Beryllium	95.6	97.6	(75-125)	2.07	(35 MAX)
Cadmium	102	103	(75-125)	0.9760	(35 MAX)
Chromium	104	109	(75-125)	4.69	(35 MAX)
Cobalt	100	102	(75-125)	1.98	(35 MAX)
Copper	113	115	(75-125)	1.75	(35 MAX)
Lead	98.8	103	(75-125)	4.16	(35 MAX)
Molybdenum	90.2	96.6	(75-125)	6.85	(35 MAX)
Nickel	98.1	102	(75-125)	3.90	(35 MAX)
Selenium	117	117	(75-125)	0000	(35 MAX)
Silver	87.8	86.8	(75-125)	1.15	(35 MAX)
Thallium	110	112	(75-125)	1.80	(35 MAX)
Vanadium	119	129*	(75-125)	8.06	(35 MAX)
Zinc	112	120	(75-125)	6.90	(35 MAX)

* High MS recovery due to sample matrix effect.

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

QC SUMMARY

Client ID Geocon Consultants
Workorder ID I-80 ADL
QC Batch ICPP 6075
Matrix Soil

Original Samples 18074021
Matrix Spike [82859]
Matrix Spike Duplicate [82860]

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
Antimony	99.2	99.2	(75-125)	0000	(35 MAX)
Arsenic	106	106	(75-125)	0000	(35 MAX)
Barium	103	105	(75-125)	1.92	(35 MAX)
Beryllium	98.9	98.4	(75-125)	0.5070	(35 MAX)
Cadmium	101	102	(75-125)	0.9850	(35 MAX)
Chromium	104	104	(75-125)	0000	(35 MAX)
Cobalt	102	103	(75-125)	0.9760	(35 MAX)
Copper	106	105	(75-125)	0.9480	(35 MAX)
Lead	103	102	(75-125)	0.9760	(35 MAX)
Molybdenum	97.4	97.2	(75-125)	0.2060	(35 MAX)
Nickel	99.7	99.7	(75-125)	0000	(35 MAX)
Selenium	121	121	(75-125)	0000	(35 MAX)
Silver	86.8	89.6	(75-125)	3.17	(35 MAX)
Thallium	116	115	(75-125)	0.8660	(35 MAX)
Vanadium	122	124	(75-125)	1.63	(35 MAX)
Zinc	111	111	(75-125)	0000	(35 MAX)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

QC SUMMARY

Client ID	Geocon Consultants		
Workorder ID	I-80 ADL		
QC Batch	DIG 1690	**Original**	18074001
Matrix	Soil	**Samples**	Matrix Spike [82866] Matrix Spike Duplicate [82867]

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
Mercury	113	125	(75-125)	10.1	(35 MAX)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

QC SUMMARY

Client ID	Geocon Consultants		
Workorder ID	I-80 ADL		
QC Batch	DIG 1691	**Original**	18074021
Matrix	Soil	**Samples**	Matrix Spike [82872] Matrix Spike Duplicate [82873]

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
Mercury	107	100	(75-125)	6.76	(35 MAX)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

QC SUMMARY

Client ID Geocon Consultants
Workorder ID I-80 ADL
QC Batch ICPP 6074
Matrix Soil

Samples Lab Control Sample [82851]
Lab Control Sample Duplicate [82852]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
Antimony	107	113	(80-120)	5.45	(20 MAX)
Arsenic	102	110	(80-120)	7.55	(20 MAX)
Barium	103	106	(80-120)	2.87	(20 MAX)
Beryllium	97.0	99.7	(80-120)	2.75	(20 MAX)
Cadmium	96.5	100	(80-120)	3.56	(20 MAX)
Chromium	101	104	(80-120)	2.93	(20 MAX)
Cobalt	99.5	103	(80-120)	3.46	(20 MAX)
Copper	99.8	102	(80-120)	2.18	(20 MAX)
Lead	103	109	(80-120)	5.66	(20 MAX)
Molybdenum	102	106	(80-120)	3.85	(20 MAX)
Nickel	95.3	99.7	(80-120)	4.51	(20 MAX)
Selenium	114	120	(80-120)	5.13	(20 MAX)
Silver	99.2	95.8	(80-120)	3.49	(20 MAX)
Thallium	112	118	(80-120)	5.22	(20 MAX)
Vanadium	116	118	(80-120)	1.71	(20 MAX)
Zinc	105	111	(80-120)	5.56	(20 MAX)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

QC SUMMARY

Client ID Geocon Consultants
Workorder ID I-80 ADL
QC Batch ICPP 6075
Matrix Soil

Samples Lab Control Sample [82857]
Lab Control Sample Duplicate [82858]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
Antimony	113	113	(80-120)	0000	(20 MAX)
Arsenic	107	109	(80-120)	1.85	(20 MAX)
Barium	106	106	(80-120)	0000	(20 MAX)
Beryllium	100	99.6	(80-120)	0.4010	(20 MAX)
Cadmium	99.5	99.5	(80-120)	0000	(20 MAX)
Chromium	104	103	(80-120)	0.9660	(20 MAX)
Cobalt	104	104	(80-120)	0000	(20 MAX)
Copper	103	102	(80-120)	0.9760	(20 MAX)
Lead	102	102	(80-120)	0000	(20 MAX)
Molybdenum	99.6	99.8	(80-120)	0.2010	(20 MAX)
Nickel	101	99.9	(80-120)	1.10	(20 MAX)
Selenium	120	120	(80-120)	0000	(20 MAX)
Silver	92.0	90.2	(80-120)	1.98	(20 MAX)
Thallium	116	116	(80-120)	0000	(20 MAX)
Vanadium	108	108	(80-120)	0000	(20 MAX)
Zinc	111	111	(80-120)	0000	(20 MAX)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

QC SUMMARY

Client ID Geocon Consultants
Workorder ID I-80 ADL
QC Batch DIG 1690
Matrix Soil

Samples Lab Control Sample [82863]
Lab Control Sample Duplicate [82864]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
Mercury	120	108	(80-120)	10.5	(20 MAX)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

QC SUMMARY

Client ID Geocon Consultants
Workorder ID I-80 ADL
QC Batch DIG 1691
Matrix Soil

Samples Lab Control Sample [82869]
Lab Control Sample Duplicate [82870]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
Mercury	114	114	(80-120)	0000	(20 MAX)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

SPARGER TECHNOLOGY, INC.

Analytical Laboratory

3050 Fite Circle, #112 Sacramento, CA 95827

Phone: (916) 362-8947

FAX: (916) 362-0947

CHAIN OF CUSTODY RECORD

C.O.C. No. 16989

Page 1 of 8

STAL Invoice Number: 18074

Company: Geocon

Phone: 852-9118

Project Manager: R. Stinco

FAX: 852-9132

Report Address: 3160 Gold Valley Dr #800 R.C. CA 95742

Billing Name & Address:

Project Name: I-80 ADL

Project/Job#: S8875-06-171

Project Location: I-80, Sac

P.O.#:

ANALYSIS REQUEST

REMARKS: Caltrans 03A0937 Need EDD - Composite samples as listed on pages 6-8

Sampler's Name: Mike O'Brien

		All OK	None OK	Some OK
Cooler Temp.	°C			
Sample Condition				
pH				

WET(STLC)

TCLP

NO.	SAMPLE ID	Sampling Date	Sampling Time	Container: 40 mL VOA	Brass Sleeve	1 L amber bottle	250 mL Plastic	Other: baggie	Preservative Used: HCl/HNO3/ICE	None	Other:	Matrix: Water	Soil	Air	Other:	TCLP: BTEX (602/8020)503.1	BTEX/TPHgas (602/8020/8015)	TPHdiesel/TPHmotor oil/kerosene(8015)	EPA 601/8010/502.2/504	EPA 602/8020	EPA 608/8080 (Pesticides)/505/508	EPA 608/8080 (PCB'S)	EPA 624/8240/524.2	EPA 625/8270/525	Total Oil & Grease (5520)	Non-Polar O & G/TRPH (418.1)	Organic Lead	RCI	Total: CAM-17 Metals	CAM-5 Metals (Cd, Cr, Pb, Ni, Zn)	Lead	TAT: Standard	Rush Services (72hr / 48hr / 24hr / 12hr)	Holiday/Weekend Rush
1	SW-1 0.0	7/3	0838					X					X																						
2	SW-2 0.0		0853																																
3	SW-2 1.0		0855																																
~~4~~	~~SW-2 2.0~~																																		
5	SW-3 -0.0		0907					X					X																						
6	SW3 - 1.0		0910																																
7	SW3 - 2.0		0913																																
8	SW4 0.0		0917																																
9	SW-4 1.0		0920																																
10	SW4 2.0		0923																																

Relinquished by:	Received by:	Relinquished by:	Received by:
[signature]	Geocon Storage	Rebecca [signature]	[signature]
Date: 7/3/07 Time: 1505	Date: 7/3/07 Time: 1505	Date: 7/5/07 Time: 1015	Date: 7/5/07 Time: 1015

PLEASE READ REVERSE SIDE FOR TERMS AND CONDITIONS

SPARGER TECHNOLOGY, INC.
Analytical Laboratory
3050 Fite Circle, #112 Sacramento, CA 95827
Phone: (916) 362-8947
FAX: (916) 362-0947

CHAIN OF CUSTODY RECORD

C.O.C. No. 16990
Page 2 of 8
STAL Invoice Number: 18094

Company: Geocon
Phone: 852-9118
Project Manager: R. Silva
FAX: 852-9132
Report Address: see pg 1
Billing Name & Address:

Project Name: I-80 ADL
Project/Job#: S8875-06-171
Project Location: SAC
P.O.#:

ANALYSIS REQUEST

REMARKS: see pg 1

Sampler's Name: Mike O'Brien

		All OK	None OK	Some OK
Cooler Temp.	°C			
Sample Condition				
pH				

WET(STLC)
TCLP

NO.	SAMPLE ID	Sampling Date	Sampling Time	Container: 40 mL VOA	Brass Sleeve	1 L amber bottle	250 mL Plastic	Other: baggie	Preservative Used: HCl/HNO3/ICE	None	Other:	Matrix: Water	Soil	Air	Other:
1	SW-5 0.0	7/3	0934					X					X		
2	SW-5 1.0		0935												
3	SW-5 2.0		0936												
4	SW-6 0.0		0948												
5	SW-6 1.0		0949												
6	SW-6 2.0		0950												
7	SW-7 0.0		1004												
8	SW-7 1.0		1005												
9	SW-7 2.0		1006												
10	SW-8 0.0		1014												

NO.	TCLP: BTEX (602/8020)503.1	BTEX/TPHgas (602/8020/8015)	TPHdiesel/TPHmotor oil/kerosene(8015)	EPA 601/8010/502.2/504	EPA 602/8020	EPA 608/8080 (Pesticides)/505/508	EPA 608/8080 (PCB'S)	EPA 624/8240/524.2	EPA 625/8270/525	Total Oil & Grease (5520)	Non-Polar O & G/TRPH (418.1)	Organic Lead	RCI	Total: CAM-17 Metals	CAM-5 Metals (Cd, Cr, Pb, Ni, Zn)	Lead	TAT: Standard	Rush Services (72hr / 48hr / 24hr / 12hr)	Holiday/Weekend Rush
1																			
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

Relinquished by:	Date: 7/3/07	Time: 1505
Received by: Geocon Storage	Date: 7/3/07	Time: 1505
Relinquished by:	Date: 7/5/07	Time: 1015
Received by:	Date: 7/5/07	Time: 1015

PLEASE READ REVERSE SIDE FOR TERMS AND CONDITIONS

SPARGER TECHNOLOGY, INC.

Analytical Laboratory

3050 Fite Circle, #112 Sacramento, CA 95827

Phone: (916) 362-8947

FAX: (916) 362-0947

CHAIN OF CUSTODY RECORD

C.O.C. No. 16991

Page 3 **of** 8

STAL Invoice Number: 18074

Company: Geocon

Phone: 852-9118

Project Manager: R Stine

FAX: 852-9132

Report Address: See pg 1

Billing Name & Address:

Project Name: I-80 ADL

Project/Job#: S8875-06-171

Project Location: SAC

P.O.#:

ANALYSIS REQUEST

REMARKS: See pg 1

Sampler's Name: Mike O'Brien

		All OK	None OK	Some OK
Cooler Temp.	°C			
Sample Condition				
pH				

WET(STLC)

TCLP

Total

TAT

NO.	SAMPLE ID	Sampling Date	Sampling Time	40 mL VOA	Brass Sleeve	1 L amber bottle	250 mL Plastic	Other: bagge	HCl/HNO3/ICE	None	Other:	Water	Soil	Air	Other:	BTEX (602/8020)503.1	BTEX/TPHgas (602/8020/8015)	TPHdiesel/TPHmotor oil/kerosene(8015)	EPA 601/8010/502.2/504	EPA 602/8020	EPA 608/8080 (Pesticides)/505/508	EPA 608/8080 (PCB'S)	EPA 624/8240/524.2	EPA 625/8270/525	Total Oil & Grease (5520)	Non-Polar O & G/TRPH (418.1)	Organic Lead	RCI	CAM-17 Metals	CAM-5 Metals (Cd, Cr, Pb, Ni, Zn)	Lead	Standard	Rush Services (72hr / 48hr / 24hr / 12hr)	Holiday/Weekend Rush
1	SW-8 1.0	7/3	1015					X					X																						
2	SW8 - 2.0		1016																																
3	SW-9 0.0		1027																																
4	SW-9 1.0		1040																																
5	SW-10 0.0		1056																																
6	SW-10 1.0		1059																																
7	SW-10 2.0		1101																																
8	SW-11 0.0		1110																																
9	SW-12 0.0		1126																																
10	SW-12 1.0		1127																																

Relinquished by:	Received by:	Relinquished by:	Received by:
Date: 7/3/07 Time: 1505	Geocon Storage Date: 7/3/07 Time: 1505	Date: 7/5/07 Time: 1015	Date: 7/5/07 Time: 1015

PLEASE READ REVERSE SIDE FOR TERMS AND CONDITIONS

SPARGER TECHNOLOGY, INC.

Analytical Laboratory

3050 Fite Circle, #112 Sacramento, CA 95827

Phone: (916) 362-8947

FAX: (916) 362-0947

CHAIN OF CUSTODY RECORD

C.O.C. No. 16992

Page 4 **of** 8

STAL Invoice Number: 18074

Company: Geocon

Phone: 852-9118

Project Manager: R. Silva

FAX: 852-9132

Report Address: See pg 1

Billing Name & Address:

Project Name: I-80 ADL

Project/Job#: S8875-06-171

Project Location: SAC

P.O.#:

ANALYSIS REQUEST

REMARKS: see page 1

Sampler's Name: Mike O'Brien

		All OK	None OK	Some OK
Cooler Temp.	°C			
Sample Condition				
pH				

WET(STLC)

TCLP

NO.	SAMPLE ID	Sampling Date	Sampling Time	40 mL VOA	Brass Sleeve	1 L amber bottle	250 mL Plastic	Other: baggie	HCl/HNO3/ICE	None	Other:	Water	Soil	Air	Other:	BTEX (602/8020)503.1	BTEX/TPHgas (602/8020/8015)	TPHdiesel/TPHmotor oil/kerosene(8015)	EPA 601/8010/502.2/504	EPA 602/8020	EPA 608/8080 (Pesticides)/505/508	EPA 608/8080 (PCB'S)	EPA 624/8240/524.2	EPA 625/8270/525	Total Oil & Grease (5520)	Non-Polar O & G/TRPH (418.1)	Organic Lead	RCI	CAM-17 Metals	CAM-5 Metals (Cd, Cr, Pb, Ni, Zn)	Lead	Standard	Rush Services (72hr / 48hr / 24hr / 12hr)	Holiday/Weekend Rush
1	SW-12 2.0	7/3	1132					X					X																						
2	SW-13 ~~1.0~~		1138																																
3	SW-13 ~~2.0~~		1139																																
4	SW-13 2.0'		1140																																
5	SW-14 0.0		1156																																
6	SW-14 1.0		1157																																
7	SW-15 0.0		1214																																
8	SW-15 1.0		1215																																
9	SW-15 2.0		1216																																
10	SW-16 0.0		1236																																

Relinquished by:	Received by:	Relinquished by:	Received by:
	Geocon Storage		
Date: 7/3/07 Time: 1505	Date: 7/3/07 Time: 1505	Date: 7/5/07 Time: 1015	Date: 7/5/07 Time: 1015

PLEASE READ REVERSE SIDE FOR TERMS AND CONDITIONS

SPARGER TECHNOLOGY, INC.
Analytical Laboratory
3050 Fite Circle, #112 Sacramento, CA 95827
Phone: (916) 362-8947
FAX: (916) 362-0947

CHAIN OF CUSTODY RECORD

C.O.C. No. 16993
Page 5 **of** 8
STAL Invoice Number: 18074

Company: Geocon
Phone: 852-9118
Project Manager: R. Silva
FAX: 852-9132
Report Address: see pg 1
Billing Name & Address:

ANALYSIS REQUEST

REMARKS: see pg 1
Sampler's Name: Mike O'Brien

Project Name: I-80 ADL
Project/Job#: S8875-06-171
Project Location: Sac
P.O.#:

		All OK	None OK	Some OK
Cooler Temp.	°C			
Sample Condition				
pH				

WET(STLC)
TCLP

NO.	SAMPLE ID	Sampling Date	Sampling Time	Container: 40 mL VOA	Brass Sleeve	1 L amber bottle	250 mL Plastic	Other:	Preservative Used: HCl/HNO3/ICE	None	Other:	Matrix: Water	Soil	Air	Other:	TCLP: BTEX (602/8020)503.1	BTEX/TPHgas (602/8020/8015)	TPHdiesel/TPHmotor oil/kerosene(8015)	EPA 601/8010/502.2/504	EPA 602/8020	EPA 608/8080 (Pesticides)/505/508	EPA 608/8080 (PCB'S)	EPA 624/8240/524.2	EPA 625/8270/525	Total Oil & Grease (5520)	Non-Polar O & G/TRPH (418.1)	Organic Lead	RCI	Total: CAM-17 Metals	CAM-5 Metals (Cd, Cr, Pb, Ni, Zn)	Lead	TAT: Standard	Rush Services (72hr / 48hr / 24hr / 12hr)	Holiday/Weekend Rush
1	SW-16 1.0	7/3	1237					X					X																						
2	SW-16 2.0		1238																																
3	SW-17 0.0		1252																																
4	SW-17 1.0		1253																																
5	SW-17 2.0		1254																																
6	SW-18 0.0		1319																																
7	SW-18 1.0		1320																																
8	SW 18 2.0		1321																																
9																																			
10																																			

Relinquished by:	Received by:	Relinquished by:	Received by:
[signature]	Geocon Storage	[signature]	[signature]
Date: 7/3/07 Time: 1505	Date: 7/3/07 Time: 1505	Date: 7/5/07 Time: 1015	Date: 7/5/07 Time: 1015

PLEASE READ REVERSE SIDE FOR TERMS AND CONDITIONS

SPARGER TECHNOLOGY, INC.

Analytical Laboratory

3050 Fite Circle, #112 Sacramento, CA 95827

Phone: (916) 362-8947

FAX: (916) 362-0947

CHAIN OF CUSTODY RECORD

C.O.C. No. 16994

Page 6 **of** 8

STAL Invoice Number: 18074

Company: Geocon

Phone: 852-9118

Project Manager: R. Silva

FAX: 852-9132

Report Address: See pg 1

Billing Name & Address:

Project Name: I-80 ADL

Project/Job#: 38875-06-171

Project Location: Sac

P.O.#:

ANALYSIS REQUEST

REMARKS: * Composite samples on each line - keep discretes for possible future analysis

Sampler's Name: Mike O'Brien

		All OK	None OK	Some OK
Cooler Temp.	°C			
Sample Condition				
pH				

WET(STLC)

TCLP

Total

TAT

NO.	SAMPLE ID	Date	Time	40 mL VOA	Brass Sleeve	1 L amber bottle	250 mL Plastic	Other: baggies	HCl/HNO3/ICE	None	Other:	Water	Soil	Air	Other:	BTEX (602/8020)503.1	BTEX/TPHgas (602/8020/8015)	TPHdiesel/TPHmotor oil/kerosene(8015)	EPA 601/8010/502.2/504	EPA 602/8020	EPA 608/8080 (Pesticides)/505/508	EPA 608/8080 (PCB'S)	EPA 624/8240/524.2	EPA 625/8270/525	Total Oil & Grease (5520)	Non-Polar O & G/TRPH (418.1)	Organic Lead	RCI	CAM-17 Metals	CAM-5 Metals (Cd, Cr, Pb, Ni, Zn)	Lead	Standard	Rush Services (72hr / 48hr / 24hr / 12hr)	Holiday/Weekend Rush
1	SW1, SW2, SW3-0.0							X					X																X				X		
2	SW2, SW3-1.0																																		
3	SW3-2.0																																		
4	SW4, SW5, SW6-0.0																																		
5	SW4, SW5, SW6-1.0																																		
6	SW4, SW5, SW6-2.0																																		
7	SW7, SW8, SW9-0.0																																		
8	SW7, SW8, SW9-1.0																																		
9	SW7, SW8-2.0																																		
10	SW10, SW11, SW12-0.0																																		

Relinquished by:	Received by:	Relinquished by:	Received by:
	Geocon Storage		
Date: 7/3/07 Time: 1505	Date: 7/3/07 Time: 1505	Date: 7/5/07 Time: 1015	Date: 7/5/07 Time: 1015

PLEASE READ REVERSE SIDE FOR TERMS AND CONDITIONS

SPARGER TECHNOLOGY, INC.
Analytical Laboratory
3050 Fite Circle, #112 Sacramento, CA 95827
Phone: (916) 362-8947
FAX: (916) 362-0947

CHAIN OF CUSTODY RECORD

C.O.C. No. 16995
Page 7 of 8
STAL Invoice Number: 18074

Company: Geocon
Phone: 852-9118
Project Manager: R. Silva
FAX: 852-9132
Report Address: See pg 1
Billing Name & Address:

Project Name: I-80 ADL
Project/Job#: 88895-06-171
Project Location: Sac
P.O.#:

ANALYSIS REQUEST

REMARKS: * Composite samples on each line - Keep discretes for possible future analyses -

Sampler's Name: M. O'Brien

		All OK	None OK	Some OK
Cooler Temp.	°C			
Sample Condition				
pH				

WET(STLC)
TCLP

NO.	SAMPLE ID	Sampling Date	Sampling Time	Container: 40 mL VOA	Brass Sleeve	1 L amber bottle	250 mL Plastic	Other: baggies	Preservative Used: HCl/HNO3/ICE	None	Other:	Matrix: Water	Soil	Air	Other:	TCLP: BTEX (602/8020)503.1	BTEX/TPHgas (602/8020/8015)	TPHdiesel/TPHmotor oil/kerosene(8015)	EPA 601/8010/502.2/504	EPA 602/8020	EPA 608/8080 (Pesticides)/505/508	EPA 608/8080 (PCB'S)	EPA 624/8240/524.2	EPA 625/8270/525	Total Oil & Grease (5520)	Non-Polar O & G/TRPH (418.1)	Organic Lead	RCI	Total: CAM-17 Metals	CAM-5 Metals (Cd, Cr, Pb, Ni, Zn)	Lead	TAT: Standard	Rush Services (72hr / 48hr / 24hr / 12hr)	Holiday/Weekend Rush
1	SW10, SW12-1.0							X					X																X				X		
2	SW10, SW12-2.0																																		
3	SW13, SW14, SW15-0.0																																		
4	SW13, SW14, SW15-1.0																																		
5	SW13, SW15-2.0																																		
6	SW16, SW17-0.0																																		
7	SW16, SW17-1.0																																		
8	SW16, SW17-2.0																																		
9	SW18-0.0																																		
10	SW18-1.0																																		

Relinquished by:	Date: 7/3/07	Time: 1505
Received by: Geocon Storage	Date: 7/3/07	Time: 1505
Relinquished by:	Date: 7/5/07	Time: 1015
Received by:	Date: 7/5/07	Time: 10:15

PLEASE READ REVERSE SIDE FOR TERMS AND CONDITIONS

SPARGER TECHNOLOGY, INC.

Analytical Laboratory

3050 Fite Circle, #112 Sacramento, CA 95827

Phone: (916) 362-8947

FAX: (916) 362-0947

CHAIN OF CUSTODY RECORD

C.O.C. No. 16996

Page 8 **of** 8

STAL Invoice Number: 18074

Company: Geocon

Phone: 852-9118

Project Manager: R. Stier

FAX: 852-9132

Report Address: See pg 1

Billing Name & Address:

Project Name: I-80 ADL

Project/Job#: S8875-06-171

Project Location: See

P.O.#:

ANALYSIS REQUEST

REMARKS: See pg 1

Sampler's Name: M. Pe O'Brien

		All OK	None OK	Some OK
Cooler Temp.	°C			
Sample Condition				
pH				

WET(STLC)

TCLP

Total

TAT

NO.	SAMPLE ID	Sampling Date	Sampling Time	40 mL VOA	Brass Sleeve	1 L amber bottle	250 mL Plastic	Other: bagged	HCl/HNO3/ICE	None	Other:	Water	Soil	Air	Other:	BTEX (602/8020)503.1	BTEX/TPHgas (602/8020/8015)	TPHdiesel/TPHmotor oil/kerosene(8015)	EPA 601/8010/502.2/504	EPA 602/8020	EPA 608/8080 (Pesticides)/505/508	EPA 608/8080 (PCB'S)	EPA 624/8240/524.2	EPA 625/8270/525	Total Oil & Grease (5520)	Non-Polar O & G/TRPH (418.1)	Organic Lead	RCI	CAM-17 Metals	CAM-5 Metals (Cd, Cr, Pb, Ni, Zn)	Lead	Standard	Rush Services (72hr / 48hr / 24hr / 12hr)	Holiday/Weekend Rush
1	SW18-2.0							X					X																X				X		
2																																			
3																																			
4																																			
5																																			
6																																			
7																																			
8																																			
9																																			
10																																			

RS 7/3/07

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Mike Ca	7/3/07	1505	Geocon Storage	7/3/07	1505	Russell S	7/5/07	1015	M. Bennett	7/5/07	10:15

PLEASE READ REVERSE SIDE FOR TERMS AND CONDITIONS

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Rebecca Silva
Geocon Consultants
3160 Gold Valley Dr. #800
Rancho Cordova, CA 95742

Client	Geocon Consultants
Workorder	18109 I-80 RT
Received	07/30/07

The samples were received in EPA specified containers. The samples were transported and received under documented chain of custody and stored at four (4) degrees C until analysis was performed. As discussed with client on 7/25/07, EPA 8270 will be substituted for 8100.

Sparger Technology, Inc. ID Suffix Keys - These descriptors will follow the Sparger Technology, Inc. ID numbers and help identify the specific sample and clarify the report.

- DUP - Matrix Duplicate
- MS - Matrix Spike
- MSD - Matrix Spike Duplicate
- LCS - Lab Control Sample
- LCSD - Lab Control Sample Duplicate
- RPD - Relative Percent Difference
- QC - Additional Quality Control
- DIL - Results from a diluted sample
- ND - None Detected
- RL - Reporting Limit

Note: In an effort to conserve paper, the results are printed on both sides of the paper.

Ray James
Laboratory Director

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Rebecca Silva
Geocon Consultants
3160 Gold Valley Dr. #800
Rancho Cordova, CA 95742

Workorder 18109

Enclosed are the results from samples received on July 30, 2007.

The requested analyses are listed below.

SAMPLE	SAMPLE DESCRIPTION	DATE COLLECTED	TEST METHOD
18109001	DP1(2,4,8,11.5)-RT, Soil	07/30/07	8015M TPHd DHS 8081A 8082 8270C PAH 9045 PH EPA 7471A 6010B
18109002	DP2(2,4,8,11.5)-RT, Soil	07/30/07	8015M TPHd DHS 8081A 8082 8270C 9045 PH EPA 7471A 6010B
18109003	DP3(2,4,8,11.5)-RT, Soil	07/30/07	8015M TPHd DHS 8081A 8082 8270C PAH 9045 PH EPA 7471A 6010B
18109004	DP4(2,4,8,11.5)-RT, Soil	07/30/07	8015M TPHd DHS 8081A 8082 8270C PAH 9045 PH EPA 7471A 6010B

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 RT
Workorder #	18109	**Sampled**	07/30/07
Laboratory ID	18109001	**Received**	07/30/07
Sample ID	DP1(2,4,8,11.5)-RT	**Reported**	08/02/07
Matrix	Soil		

GC Pesticides - 8081A

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Aldrin	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
alpha-BHC	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
beta-BHC	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
delta-BHC	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
gamma-BHC (Lindane)	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
alpha-Chlordane	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
gamma-Chlordane	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
4,4'-DDD	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
4,4'-DDE	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
4,4'-DDT	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Dieldrin	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Endosulfan I	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
Endosulfan II	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Endosulfan sulfate	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Endrin	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Endrin aldehyde	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Endrin ketone	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Heptachlor	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
Heptachlor epoxide	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
Methoxychlor	07/31/07	07/31/07	ND	17	ug/kg	1:1
Toxaphene	07/31/07	07/31/07	ND	170	ug/kg	1:1

Surrogates	Result	Recovery	Limits
Decachlorobiphenyl (DCB)	18.3 ug/kg	110 %	(35 - 135)
Tetrachlorometaxylene (TCMX)	16.6 ug/kg	100 %	(35 - 135)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 RT
Workorder #	18109	**Sampled**	07/30/07
Laboratory ID	18109001	**Received**	07/30/07
Sample ID	DP1(2,4,8,11.5)-RT	**Reported**	08/02/07
Matrix	Soil		

GC PCBs - 8082

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
PCB 1016	07/31/07	07/31/07	ND	0.03	mg/Kg	1:1
PCB 1221	07/31/07	07/31/07	ND	0.03	mg/Kg	1:1
PCB 1232	07/31/07	07/31/07	ND	0.03	mg/Kg	1:1
PCB 1242	07/31/07	07/31/07	ND	0.03	mg/Kg	1:1
PCB 1248	07/31/07	07/31/07	ND	0.03	mg/Kg	1:1
PCB 1254	07/31/07	07/31/07	ND	0.03	mg/Kg	1:1
PCB 1260	07/31/07	07/31/07	ND	0.03	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
Decachlorobiphenyl (DCB)	0.0183mg/Kg	110 %	(45 - 145)
Tetrachlorometaxylene (TCMX)	0.0166mg/Kg	100 %	(45 - 145)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 RT
Workorder #	18109	**Sampled**	07/30/07
Laboratory ID	18109001	**Received**	07/30/07
Sample ID	DP1(2,4,8,11.5)-RT	**Reported**	08/02/07
Matrix	Soil		

GC/MS Semivolatiles - 8270C PAH

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Acenaphthylene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Anthracene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Benzo(a)anthracene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Benzo(b)fluoranthene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Benzo(k)fluoranthene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Benzo(a)pyrene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Benzo(g,h,i)perylene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Chrysene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Dibenzo(a,h)anthracene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Fluoranthene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Fluorene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Indeno(1,2,3-cd)pyrene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Naphthalene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Phenanthrene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Pyrene	07/31/07	07/31/07	ND	165	ug/kg	1:1
2-Methylnaphthalene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Benzo(e)pyrene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Perylene	07/31/07	07/31/07	ND	165	ug/kg	1:1

Surrogates	Result	Recovery	Limits
2-Fluorobiphenyl	2210 ug/kg	66 %	(43 - 136)
Nitrobenzene-D5	2310 ug/kg	69 %	(35 - 134)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 RT
Workorder #	18109	**Sampled**	07/30/07
Laboratory ID	18109001	**Received**	07/30/07
Sample ID	DP1(2,4,8,11.5)-RT	**Reported**	08/02/07
Matrix	Soil		

Metals, CAM16 - 6010B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	07/31/07	08/02/07	ND	6.0	mg/Kg	1:1
Arsenic	**07/31/07**	**08/02/07**	**5.5**	**2.0**	**mg/Kg**	**1:1**
Barium	**07/31/07**	**08/02/07**	**122**	**2.0**	**mg/Kg**	**1:1**
Beryllium	07/31/07	08/02/07	ND	0.30	mg/Kg	1:1
Cadmium	07/31/07	08/02/07	ND	0.50	mg/Kg	1:1
Chromium	**07/31/07**	**08/02/07**	**24**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**07/31/07**	**08/02/07**	**9.6**	**5.0**	**mg/Kg**	**1:1**
Copper	**07/31/07**	**08/02/07**	**16**	**2.0**	**mg/Kg**	**1:1**
Lead	**07/31/07**	**08/02/07**	**4.4**	**1.0**	**mg/Kg**	**1:1**
Molybdenum	07/31/07	08/02/07	ND	5.0	mg/Kg	1:1
Nickel	**07/31/07**	**08/02/07**	**18**	**4.0**	**mg/Kg**	**1:1**
Selenium	07/31/07	08/02/07	ND	10	mg/Kg	1:1
Silver	07/31/07	08/02/07	ND	1.0	mg/Kg	1:1
Thallium	07/31/07	08/02/07	ND	10	mg/Kg	1:1
Vanadium	**07/31/07**	**08/02/07**	**41**	**5.0**	**mg/Kg**	**1:1**
Zinc	**07/31/07**	**08/02/07**	**35**	**1.5**	**mg/Kg**	**1:1**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 RT
Workorder #	18109	**Sampled**	07/30/07
Laboratory ID	18109002	**Received**	07/30/07
Sample ID	DP2(2,4,8,11.5)-RT	**Reported**	08/02/07
Matrix	Soil		

GC Pesticides - 8081A

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Aldrin	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
alpha-BHC	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
beta-BHC	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
delta-BHC	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
gamma-BHC (Lindane)	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
alpha-Chlordane	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
gamma-Chlordane	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
4,4'-DDD	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
4,4'-DDE	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
4,4'-DDT	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Dieldrin	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Endosulfan I	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
Endosulfan II	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Endosulfan sulfate	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Endrin	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Endrin aldehyde	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Endrin ketone	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Heptachlor	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
Heptachlor epoxide	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
Methoxychlor	07/31/07	07/31/07	ND	17	ug/kg	1:1
Toxaphene	07/31/07	07/31/07	ND	170	ug/kg	1:1

Surrogates	Result	Recovery	Limits
Decachlorobiphenyl (DCB)	17.9 ug/kg	107 %	(35 - 135)
Tetrachlorometaxylene (TCMX)	17.2 ug/kg	103 %	(35 - 135)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 RT
Workorder #	18109	**Sampled**	07/30/07
Laboratory ID	18109002	**Received**	07/30/07
Sample ID	DP2(2,4,8,11.5)-RT	**Reported**	08/02/07
Matrix	Soil		

GC PCBs - 8082

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
PCB 1016	07/31/07	07/31/07	ND	0.03	mg/Kg	1:1
PCB 1221	07/31/07	07/31/07	ND	0.03	mg/Kg	1:1
PCB 1232	07/31/07	07/31/07	ND	0.03	mg/Kg	1:1
PCB 1242	07/31/07	07/31/07	ND	0.03	mg/Kg	1:1
PCB 1248	07/31/07	07/31/07	ND	0.03	mg/Kg	1:1
PCB 1254	07/31/07	07/31/07	ND	0.03	mg/Kg	1:1
PCB 1260	07/31/07	07/31/07	ND	0.03	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
Decachlorobiphenyl (DCB)	0.0179mg/Kg	107 %	(45 - 145)
Tetrachlorometaxylene (TCMX)	0.0172mg/Kg	103 %	(45 - 145)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 RT
Workorder #	18109	**Sampled**	07/30/07
Laboratory ID	18109002	**Received**	07/30/07
Sample ID	DP2(2,4,8,11.5)-RT	**Reported**	08/02/07
Matrix	Soil		

GC/MS Semivolatiles - 8270C PAH

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Acenaphthylene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Anthracene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Benzo(a)anthracene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Benzo(b)fluoranthene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Benzo(k)fluoranthene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Benzo(a)pyrene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Benzo(g,h,i)perylene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Chrysene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Dibenzo(a,h)anthracene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Fluoranthene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Fluorene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Indeno(1,2,3-cd)pyrene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Naphthalene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Phenanthrene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Pyrene	07/31/07	07/31/07	ND	165	ug/kg	1:1
2-Methylnaphthalene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Benzo(e)pyrene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Perylene	07/31/07	07/31/07	ND	165	ug/kg	1:1

Surrogates	Result	Recovery	Limits
2-Fluorobiphenyl	2280 ug/kg	68 %	(43 - 136)
Nitrobenzene-D5	2230 ug/kg	67 %	(35 - 134)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 RT
Workorder #	18109	**Sampled**	07/30/07
Laboratory ID	18109002	**Received**	07/30/07
Sample ID	DP2(2,4,8,11.5)-RT	**Reported**	08/02/07
Matrix	Soil		

Metals, CAM16 - 6010B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	07/31/07	08/02/07	ND	6.0	mg/Kg	1:1
Arsenic	**07/31/07**	**08/02/07**	**4.5**	**2.0**	**mg/Kg**	**1:1**
Barium	**07/31/07**	**08/02/07**	**131**	**2.0**	**mg/Kg**	**1:1**
Beryllium	07/31/07	08/02/07	ND	0.30	mg/Kg	1:1
Cadmium	07/31/07	08/02/07	ND	0.50	mg/Kg	1:1
Chromium	**07/31/07**	**08/02/07**	**32**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**07/31/07**	**08/02/07**	**13**	**5.0**	**mg/Kg**	**1:1**
Copper	**07/31/07**	**08/02/07**	**19**	**2.0**	**mg/Kg**	**1:1**
Lead	**07/31/07**	**08/02/07**	**5.1**	**1.0**	**mg/Kg**	**1:1**
Molybdenum	07/31/07	08/02/07	ND	5.0	mg/Kg	1:1
Nickel	**07/31/07**	**08/02/07**	**23**	**4.0**	**mg/Kg**	**1:1**
Selenium	07/31/07	08/02/07	ND	10	mg/Kg	1:1
Silver	07/31/07	08/02/07	ND	1.0	mg/Kg	1:1
Thallium	07/31/07	08/02/07	ND	10	mg/Kg	1:1
Vanadium	**07/31/07**	**08/02/07**	**61**	**5.0**	**mg/Kg**	**1:1**
Zinc	**07/31/07**	**08/02/07**	**42**	**1.5**	**mg/Kg**	**1:1**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 RT
Workorder #	18109	**Sampled**	07/30/07
Laboratory ID	18109003	**Received**	07/30/07
Sample ID	DP3(2,4,8,11.5)-RT	**Reported**	08/02/07
Matrix	Soil		

GC Pesticides - 8081A

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Aldrin	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
alpha-BHC	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
beta-BHC	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
delta-BHC	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
gamma-BHC (Lindane)	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
alpha-Chlordane	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
gamma-Chlordane	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
4,4'-DDD	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
4,4'-DDE	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
4,4'-DDT	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Dieldrin	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Endosulfan I	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
Endosulfan II	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Endosulfan sulfate	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Endrin	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Endrin aldehyde	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Endrin ketone	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Heptachlor	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
Heptachlor epoxide	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
Methoxychlor	07/31/07	07/31/07	ND	17	ug/kg	1:1
Toxaphene	07/31/07	07/31/07	ND	170	ug/kg	1:1

Surrogates	Result	Recovery	Limits
Decachlorobiphenyl (DCB)	18.6 ug/kg	112 %	(35 - 135)
Tetrachlorometaxylene (TCMX)	16.8 ug/kg	101 %	(35 - 135)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 RT
Workorder #	18109	**Sampled**	07/30/07
Laboratory ID	18109003	**Received**	07/30/07
Sample ID	DP3(2,4,8,11.5)-RT	**Reported**	08/02/07
Matrix	Soil		

GC PCBs - 8082

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
PCB 1016	07/31/07	07/31/07	ND	0.03	mg/Kg	1:1
PCB 1221	07/31/07	07/31/07	ND	0.03	mg/Kg	1:1
PCB 1232	07/31/07	07/31/07	ND	0.03	mg/Kg	1:1
PCB 1242	07/31/07	07/31/07	ND	0.03	mg/Kg	1:1
PCB 1248	07/31/07	07/31/07	ND	0.03	mg/Kg	1:1
PCB 1254	07/31/07	07/31/07	ND	0.03	mg/Kg	1:1
PCB 1260	07/31/07	07/31/07	ND	0.03	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
Decachlorobiphenyl (DCB)	0.0186mg/Kg	112 %	(45 - 145)
Tetrachlorometaxylene (TCMX)	0.0168mg/Kg	101 %	(45 - 145)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 RT
Workorder #	18109	**Sampled**	07/30/07
Laboratory ID	18109003	**Received**	07/30/07
Sample ID	DP3(2,4,8,11.5)-RT	**Reported**	08/02/07
Matrix	Soil		

GC/MS Semivolatiles - 8270C PAH

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Acenaphthylene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Anthracene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Benzo(a)anthracene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Benzo(b)fluoranthene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Benzo(k)fluoranthene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Benzo(a)pyrene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Benzo(g,h,i)perylene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Chrysene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Fluoranthene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Fluorene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Indeno(1,2,3-cd)pyrene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Naphthalene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Phenanthrene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Pyrene	07/31/07	07/31/07	ND	165	ug/kg	1:1
2-Methylnaphthalene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Benzo(e)pyrene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Perylene	07/31/07	07/31/07	ND	165	ug/kg	1:1

Surrogates	Result	Recovery	Limits
2-Fluorobiphenyl	2160 ug/kg	65 %	(43 - 136)
Nitrobenzene-D5	1820 ug/kg	55 %	(35 - 134)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 RT
Workorder #	18109	**Sampled**	07/30/07
Laboratory ID	18109003	**Received**	07/30/07
Sample ID	DP3(2,4,8,11.5)-RT	**Reported**	08/02/07
Matrix	Soil		

Metals, CAM16 - 6010B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	07/31/07	08/02/07	ND	6.0	mg/Kg	1:1
Arsenic	**07/31/07**	**08/02/07**	**2.8**	**2.0**	**mg/Kg**	**1:1**
Barium	**07/31/07**	**08/02/07**	**83**	**2.0**	**mg/Kg**	**1:1**
Beryllium	07/31/07	08/02/07	ND	0.30	mg/Kg	1:1
Cadmium	07/31/07	08/02/07	ND	0.50	mg/Kg	1:1
Chromium	**07/31/07**	**08/02/07**	**28**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**07/31/07**	**08/02/07**	**9.6**	**5.0**	**mg/Kg**	**1:1**
Copper	**07/31/07**	**08/02/07**	**13**	**2.0**	**mg/Kg**	**1:1**
Lead	**07/31/07**	**08/02/07**	**4.0**	**1.0**	**mg/Kg**	**1:1**
Molybdenum	07/31/07	08/02/07	ND	5.0	mg/Kg	1:1
Nickel	**07/31/07**	**08/02/07**	**16**	**4.0**	**mg/Kg**	**1:1**
Selenium	07/31/07	08/02/07	ND	10	mg/Kg	1:1
Silver	07/31/07	08/02/07	ND	1.0	mg/Kg	1:1
Thallium	07/31/07	08/02/07	ND	10	mg/Kg	1:1
Vanadium	**07/31/07**	**08/02/07**	**48**	**5.0**	**mg/Kg**	**1:1**
Zinc	**07/31/07**	**08/02/07**	**32**	**1.5**	**mg/Kg**	**1:1**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 RT
Workorder #	18109	**Sampled**	07/30/07
Laboratory ID	18109004	**Received**	07/30/07
Sample ID	DP4(2,4,8,11.5)-RT	**Reported**	08/02/07
Matrix	Soil		

GC Pesticides - 8081A

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Aldrin	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
alpha-BHC	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
beta-BHC	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
delta-BHC	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
gamma-BHC (Lindane)	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
alpha-Chlordane	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
gamma-Chlordane	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
4,4'-DDD	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
4,4'-DDE	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
4,4'-DDT	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Dieldrin	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Endosulfan I	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
Endosulfan II	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Endosulfan sulfate	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Endrin	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Endrin aldehyde	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Endrin ketone	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Heptachlor	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
Heptachlor epoxide	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
Methoxychlor	07/31/07	07/31/07	ND	17	ug/kg	1:1
Toxaphene	07/31/07	07/31/07	ND	170	ug/kg	1:1

Surrogates	Result	Recovery	Limits
Decachlorobiphenyl (DCB)	17.3 ug/kg	104 %	(35 - 135)
Tetrachlorometaxylene (TCMX)	16.2 ug/kg	97 %	(35 - 135)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 RT
Workorder #	18109	**Sampled**	07/30/07
Laboratory ID	18109004	**Received**	07/30/07
Sample ID	DP4(2,4,8,11.5)-RT	**Reported**	08/02/07
Matrix	Soil		

GC PCBs - 8082

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
PCB 1016	07/31/07	07/31/07	ND	0.03	mg/Kg	1:1
PCB 1221	07/31/07	07/31/07	ND	0.03	mg/Kg	1:1
PCB 1232	07/31/07	07/31/07	ND	0.03	mg/Kg	1:1
PCB 1242	07/31/07	07/31/07	ND	0.03	mg/Kg	1:1
PCB 1248	07/31/07	07/31/07	ND	0.03	mg/Kg	1:1
PCB 1254	07/31/07	07/31/07	ND	0.03	mg/Kg	1:1
PCB 1260	07/31/07	07/31/07	ND	0.03	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
Decachlorobiphenyl (DCB)	0.0173mg/Kg	104 %	(45 - 145)
Tetrachlorometaxylene (TCMX)	0.0162mg/Kg	97 %	(45 - 145)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 RT
Workorder #	18109	**Sampled**	07/30/07
Laboratory ID	18109004	**Received**	07/30/07
Sample ID	DP4(2,4,8,11.5)-RT	**Reported**	08/02/07
Matrix	Soil		

GC/MS Semivolatiles - 8270C PAH

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Acenaphthylene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Anthracene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Benzo(a)anthracene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Benzo(b)fluoranthene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Benzo(k)fluoranthene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Benzo(a)pyrene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Benzo(g,h,i)perylene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Chrysene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Dibenzo(a,h)anthracene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Fluoranthene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Fluorene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Indeno(1,2,3-cd)pyrene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Naphthalene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Phenanthrene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Pyrene	07/31/07	07/31/07	ND	165	ug/kg	1:1
2-Methylnaphthalene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Benzo(e)pyrene	07/31/07	07/31/07	ND	165	ug/kg	1:1
Perylene	07/31/07	07/31/07	ND	165	ug/kg	1:1

Surrogates	Result	Recovery	Limits
2-Fluorobiphenyl	2450 ug/kg	73 %	(43 - 136)
Nitrobenzene-D5	2400 ug/kg	72 %	(35 - 134)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 RT
Workorder #	18109	**Sampled**	07/30/07
Laboratory ID	18109004	**Received**	07/30/07
Sample ID	DP4(2,4,8,11.5)-RT	**Reported**	08/02/07
Matrix	Soil		

Metals, CAM16 - 6010B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	07/31/07	08/02/07	ND	6.0	mg/Kg	1:1
Arsenic	**07/31/07**	**08/02/07**	**3.6**	**2.0**	**mg/Kg**	**1:1**
Barium	**07/31/07**	**08/02/07**	**233**	**2.0**	**mg/Kg**	**1:1**
Beryllium	07/31/07	08/02/07	ND	0.30	mg/Kg	1:1
Cadmium	07/31/07	08/02/07	ND	0.50	mg/Kg	1:1
Chromium	**07/31/07**	**08/02/07**	**27**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**07/31/07**	**08/02/07**	**10.0**	**5.0**	**mg/Kg**	**1:1**
Copper	**07/31/07**	**08/02/07**	**18**	**2.0**	**mg/Kg**	**1:1**
Lead	**07/31/07**	**08/02/07**	**5.3**	**1.0**	**mg/Kg**	**1:1**
Molybdenum	07/31/07	08/02/07	ND	5.0	mg/Kg	1:1
Nickel	**07/31/07**	**08/02/07**	**23**	**4.0**	**mg/Kg**	**1:1**
Selenium	07/31/07	08/02/07	ND	10	mg/Kg	1:1
Silver	07/31/07	08/02/07	ND	1.0	mg/Kg	1:1
Thallium	07/31/07	08/02/07	ND	10	mg/Kg	1:1
Vanadium	**07/31/07**	**08/02/07**	**36**	**5.0**	**mg/Kg**	**1:1**
Zinc	**07/31/07**	**08/02/07**	**38**	**1.5**	**mg/Kg**	**1:1**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID Geocon Consultants
Workorder # 18109 **Workorder ID** I-80 RT

Parameter TPHdiesel
Method 8015M TPHd DHS

Lab ID	Sample ID	Result	RL	Units	Collected	Analyzed	Matrix	Dilution
18109001	DP1(2,4,8,11.5)-RT	ND	1.0	mg/Kg	07/30/07	08/01/07	Soil	1:1
18109002	DP2(2,4,8,11.5)-RT	ND	1.0	mg/Kg	07/30/07	08/01/07	Soil	1:1
18109003	DP3(2,4,8,11.5)-RT	ND	1.0	mg/Kg	07/30/07	08/01/07	Soil	1:1
18109004	DP4(2,4,8,11.5)-RT	ND	1.0	mg/Kg	07/30/07	08/01/07	Soil	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID Geocon Consultants
Workorder # 18109 **Workorder ID** I-80 RT

Parameter TPHmotor oil
Method 8015M TPHd DHS

Lab ID	Sample ID	Result	RL	Units	Collected	Analyzed	Matrix	Dilution
18109001	DP1(2,4,8,11.5)-RT	ND	10	mg/Kg	07/30/07	08/01/07	Soil	1:1
18109002	DP2(2,4,8,11.5)-RT	ND	10	mg/Kg	07/30/07	08/01/07	Soil	1:1
18109003	DP3(2,4,8,11.5)-RT	ND	10	mg/Kg	07/30/07	08/01/07	Soil	1:1
18109004	DP4(2,4,8,11.5)-RT	ND	10	mg/Kg	07/30/07	08/01/07	Soil	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID Geocon Consultants
Workorder # 18109 **Workorder ID** I-80 RT

Parameter pH
Method 9045 PH

Lab ID	Sample ID	Result	RL	Units	Collected	Analyzed	Matrix	Dilution
18109001	DP1(2,4,8,11.5)-RT	8.43	0.100	SU	07/30/07	08/02/07	Soil	1:1
18109002	DP2(2,4,8,11.5)-RT	6.64	0.100	SU	07/30/07	08/02/07	Soil	1:1
18109003	DP3(2,4,8,11.5)-RT	7.01	0.100	SU	07/30/07	08/02/07	Soil	1:1
18109004	DP4(2,4,8,11.5)-RT	7.08	0.100	SU	07/30/07	08/02/07	Soil	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID Geocon Consultants
Workorder # 18109 **Workorder ID** I-80 RT

Parameter Mercury
Method EPA 7471A

Lab ID	Sample ID	Result	RL	Units	Collected	Analyzed	Matrix	Dilution
18109001	DP1(2,4,8,11.5)-RT	ND	0.010	mg/Kg	07/30/07	08/02/07	Soil	1:1
18109002	DP2(2,4,8,11.5)-RT	ND	0.010	mg/Kg	07/30/07	08/02/07	Soil	1:1
18109003	DP3(2,4,8,11.5)-RT	ND	0.010	mg/Kg	07/30/07	08/02/07	Soil	1:1
18109004	DP4(2,4,8,11.5)-RT	0.012	0.010	mg/Kg	07/30/07	08/02/07	Soil	1:1

Method Blank Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83059
Sample ID MB for HBN 330052 [PESV/1248]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Aldrin	8081A	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
alpha-BHC	8081A	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
beta-BHC	8081A	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
delta-BHC	8081A	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
gamma-BHC (Lindane)	8081A	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
alpha-Chlordane	8081A	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
gamma-Chlordane	8081A	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
4,4'-DDD	8081A	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
4,4'-DDE	8081A	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
4,4'-DDT	8081A	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Dieldrin	8081A	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Endosulfan I	8081A	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
Endosulfan II	8081A	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Endosulfan sulfate	8081A	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Endrin	8081A	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Endrin aldehyde	8081A	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Endrin ketone	8081A	07/31/07	07/31/07	ND	3.3	ug/kg	1:1
Heptachlor	8081A	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
Heptachlor epoxide	8081A	07/31/07	07/31/07	ND	1.7	ug/kg	1:1
Methoxychlor	8081A	07/31/07	07/31/07	ND	17	ug/kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Method Blank Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83059
Sample ID MB for HBN 330052 [PESV/1248]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Toxaphene	8081A	07/31/07	07/31/07	ND	170	ug/kg	1:1

Surrogates	Result	Recovery	Limits
Decachlorobiphenyl (DCB)	20 ug/kg	120 %	(35 - 135)
Tetrachlorometaxylene (TCMX)	18 ug/kg	108 %	(35 - 135)

Lab Control Sample Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83060
Sample ID LCS for HBN 330052 [PESV/1248]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Aldrin	8081A	07/31/07	07/31/07	5.1	1.7	ug/kg	1:1
gamma-BHC (Lindane)	8081A	07/31/07	07/31/07	5.8	1.7	ug/kg	1:1
4,4'-DDT	8081A	07/31/07	07/31/07	16	3.3	ug/kg	1:1
Dieldrin	8081A	07/31/07	07/31/07	16	3.3	ug/kg	1:1
Endrin	8081A	07/31/07	07/31/07	14	3.3	ug/kg	1:1
Heptachlor	8081A	07/31/07	07/31/07	6.0	1.7	ug/kg	1:1

Lab Control Sample Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83061
Sample ID LCSD for HBN 330052 [PESV/1248
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Aldrin	8081A	07/31/07	07/31/07	5.0	1.7	ug/kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Lab Control Sample Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83061
Sample ID LCSD for HBN 330052 [PESV/1248
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
gamma-BHC (Lindane)	8081A	07/31/07	07/31/07	5.8	1.7	ug/kg	1:1
4,4'-DDT	8081A	07/31/07	07/31/07	16	3.3	ug/kg	1:1
Dieldrin	8081A	07/31/07	07/31/07	15	3.3	ug/kg	1:1
Endrin	8081A	07/31/07	07/31/07	14	3.3	ug/kg	1:1
Heptachlor	8081A	07/31/07	07/31/07	6.0	1.7	ug/kg	1:1

Matrix Spike Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83062
Sample ID MS for HBN 330052 [PESV/1248]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Aldrin	8081A	07/31/07	07/31/07	5.3	1.7	ug/kg	1:1
gamma-BHC (Lindane)	8081A	07/31/07	07/31/07	5.6	1.7	ug/kg	1:1
4,4'-DDT	8081A	07/31/07	07/31/07	17	3.3	ug/kg	1:1
Dieldrin	8081A	07/31/07	07/31/07	15	3.3	ug/kg	1:1
Endrin	8081A	07/31/07	07/31/07	14	3.3	ug/kg	1:1
Heptachlor	8081A	07/31/07	07/31/07	5.8	1.7	ug/kg	1:1

Matrix Spike Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83063
Sample ID MSD for HBN 330052 [PESV/1248]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Aldrin	8081A	07/31/07	07/31/07	5.2	1.7	ug/kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Matrix Spike Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83063
Sample ID MSD for HBN 330052 [PESV/1248]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
gamma-BHC (Lindane)	8081A	07/31/07	07/31/07	5.5	1.7	ug/kg	1:1
4,4'-DDT	8081A	07/31/07	07/31/07	16	3.3	ug/kg	1:1
Dieldrin	8081A	07/31/07	07/31/07	15	3.3	ug/kg	1:1
Endrin	8081A	07/31/07	07/31/07	14	3.3	ug/kg	1:1
Heptachlor	8081A	07/31/07	07/31/07	5.7	1.7	ug/kg	1:1

Method Blank Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83069
Sample ID MB for HBN 330058 [DIGV/1687]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Mercury	EPA 7471A	08/01/07	08/02/07	ND	0.010	mg/Kg	1:1

Lab Control Sample Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83070
Sample ID LCS for HBN 330058 [DIGV/1687]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Mercury	EPA 7471A	08/01/07	08/02/07	0.047	0.010	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Lab Control Sample Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83071
Sample ID LCSD for HBN 330058 [DIGV/1687
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Mercury	EPA 7471A	08/01/07	08/02/07	0.049	0.010	mg/Kg	1:1

Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83072
Sample ID DUP for HBN 330058 [DIGV/1687]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Mercury	EPA 7471A	08/01/07	08/02/07	ND	0.010	mg/Kg	1:1

Matrix Spike Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83073
Sample ID MS for HBN 330058 [DIGV/1687]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Mercury	EPA 7471A	08/01/07	08/02/07	0.058	0.010	mg/Kg	1:1

Matrix Spike Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83074
Sample ID MSD for HBN 330058 [DIGV/1687]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Matrix Spike Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83074
Sample ID MSD for HBN 330058 [DIGV/1687]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Mercury	EPA 7471A	08/01/07	08/02/07	0.060	0.010	mg/Kg	1:1

Method Blank Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83075
Sample ID MB for HBN 330061 [SGXV/2440]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015M TPHd DHS	07/31/07	08/01/07	ND	1.0	mg/Kg	1:1

Lab Control Sample Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83076
Sample ID LCS for HBN 330061 [SGXV/2440]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015M TPHd DHS	07/31/07	08/01/07	46	1.0	mg/Kg	1:1

Lab Control Sample Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83077
Sample ID LCSD for HBN 330061 [SGXV/2440
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Lab Control Sample Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83077
Sample ID LCSD for HBN 330061 [SGXV/2440
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
TPHdiesel	8015M TPHd DHS	07/31/07	08/01/07	44	1.0	mg/Kg	1:1

Matrix Spike Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83078
Sample ID MS for HBN 330061 [SGXV/2440]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015M TPHd DHS	07/31/07	08/01/07	38	1.0	mg/Kg	1:1

Matrix Spike Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83079
Sample ID MSD for HBN 330061 [SGXV/2440]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015M TPHd DHS	07/31/07	08/01/07	45	1.0	mg/Kg	1:1

Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83080
Sample ID DUP for HBN 330064 [PHV/1649]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83080
Sample ID DUP for HBN 330064 [PHV/1649]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
pH	9045 PH	08/02/07	08/02/07	8.43	0.100	SU	1:1

Method Blank Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83081
Sample ID MB for HBN 330151 [ICPV/6061]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	07/31/07	08/02/07	ND	6.0	mg/Kg	1:1
Arsenic	6010B	07/31/07	08/02/07	ND	2.0	mg/Kg	1:1
Barium	6010B	07/31/07	08/02/07	ND	2.0	mg/Kg	1:1
Beryllium	6010B	07/31/07	08/02/07	ND	0.30	mg/Kg	1:1
Cadmium	6010B	07/31/07	08/02/07	ND	0.50	mg/Kg	1:1
Chromium	6010B	07/31/07	08/02/07	ND	1.0	mg/Kg	1:1
Cobalt	6010B	07/31/07	08/02/07	ND	5.0	mg/Kg	1:1
Copper	6010B	07/31/07	08/02/07	ND	2.0	mg/Kg	1:1
Lead	6010B	07/31/07	08/02/07	ND	1.0	mg/Kg	1:1
Molybdenum	6010B	07/31/07	08/02/07	ND	5.0	mg/Kg	1:1
Nickel	6010B	07/31/07	08/02/07	ND	4.0	mg/Kg	1:1
Selenium	6010B	07/31/07	08/02/07	ND	10	mg/Kg	1:1
Silver	6010B	07/31/07	08/02/07	ND	1.0	mg/Kg	1:1
Thallium	6010B	07/31/07	08/02/07	ND	10	mg/Kg	1:1
Vanadium	6010B	07/31/07	08/02/07	ND	5.0	mg/Kg	1:1
Zinc	6010B	07/31/07	08/02/07	ND	1.5	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Lab Control Sample Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83082
Sample ID LCS for HBN 330151 [ICPV/6061]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	07/31/07	08/02/07	46	6.0	mg/Kg	1:1
Arsenic	6010B	07/31/07	08/02/07	43	2.0	mg/Kg	1:1
Barium	6010B	07/31/07	08/02/07	42	2.0	mg/Kg	1:1
Beryllium	6010B	07/31/07	08/02/07	8.4	0.30	mg/Kg	1:1
Cadmium	6010B	07/31/07	08/02/07	16	0.50	mg/Kg	1:1
Chromium	6010B	07/31/07	08/02/07	44	1.0	mg/Kg	1:1
Cobalt	6010B	07/31/07	08/02/07	16	5.0	mg/Kg	1:1
Copper	6010B	07/31/07	08/02/07	41	2.0	mg/Kg	1:1
Lead	6010B	07/31/07	08/02/07	41	1.0	mg/Kg	1:1
Molybdenum	6010B	07/31/07	08/02/07	42	5.0	mg/Kg	1:1
Nickel	6010B	07/31/07	08/02/07	85	4.0	mg/Kg	1:1
Selenium	6010B	07/31/07	08/02/07	52	10	mg/Kg	1:1
Silver	6010B	07/31/07	08/02/07	5.7	1.0	mg/Kg	1:1
Thallium	6010B	07/31/07	08/02/07	49	10	mg/Kg	1:1
Vanadium	6010B	07/31/07	08/02/07	19	5.0	mg/Kg	1:1
Zinc	6010B	07/31/07	08/02/07	52	1.5	mg/Kg	1:1

Lab Control Sample Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83083
Sample ID LCSD for HBN 330151 [ICPV/6061
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	07/31/07	08/02/07	46	6.0	mg/Kg	1:1
Arsenic	6010B	07/31/07	08/02/07	44	2.0	mg/Kg	1:1
Barium	6010B	07/31/07	08/02/07	44	2.0	mg/Kg	1:1
Beryllium	6010B	07/31/07	08/02/07	8.6	0.30	mg/Kg	1:1
Cadmium	6010B	07/31/07	08/02/07	17	0.50	mg/Kg	1:1
Chromium	6010B	07/31/07	08/02/07	45	1.0	mg/Kg	1:1
Cobalt	6010B	07/31/07	08/02/07	16	5.0	mg/Kg	1:1
Copper	6010B	07/31/07	08/02/07	42	2.0	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Lab Control Sample Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83083
Sample ID LCSD for HBN 330151 [ICPV/6061
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Lead	6010B	07/31/07	08/02/07	41	1.0	mg/Kg	1:1
Molybdenum	6010B	07/31/07	08/02/07	42	5.0	mg/Kg	1:1
Nickel	6010B	07/31/07	08/02/07	86	4.0	mg/Kg	1:1
Selenium	6010B	07/31/07	08/02/07	52	10	mg/Kg	1:1
Silver	6010B	07/31/07	08/02/07	5.6	1.0	mg/Kg	1:1
Thallium	6010B	07/31/07	08/02/07	49	10	mg/Kg	1:1
Vanadium	6010B	07/31/07	08/02/07	19	5.0	mg/Kg	1:1
Zinc	6010B	07/31/07	08/02/07	53	1.5	mg/Kg	1:1

Matrix Spike Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83084
Sample ID MS for HBN 330151 [ICPV/6061]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	07/31/07	08/02/07	28	6.0	mg/Kg	1:1
Arsenic	6010B	07/31/07	08/02/07	57	2.0	mg/Kg	1:1
Barium	6010B	07/31/07	08/02/07	181	2.0	mg/Kg	1:1
Beryllium	6010B	07/31/07	08/02/07	9.1	0.30	mg/Kg	1:1
Cadmium	6010B	07/31/07	08/02/07	21	0.50	mg/Kg	1:1
Chromium	6010B	07/31/07	08/02/07	75	1.0	mg/Kg	1:1
Cobalt	6010B	07/31/07	08/02/07	29	5.0	mg/Kg	1:1
Copper	6010B	07/31/07	08/02/07	68	2.0	mg/Kg	1:1
Lead	6010B	07/31/07	08/02/07	54	1.0	mg/Kg	1:1
Molybdenum	6010B	07/31/07	08/02/07	43	5.0	mg/Kg	1:1
Nickel	6010B	07/31/07	08/02/07	116	4.0	mg/Kg	1:1
Selenium	6010B	07/31/07	08/02/07	60	10	mg/Kg	1:1
Silver	6010B	07/31/07	08/02/07	5.4	1.0	mg/Kg	1:1
Thallium	6010B	07/31/07	08/02/07	58	10	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Matrix Spike Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83084
Sample ID MS for HBN 330151 [ICPV/6061]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Vanadium	6010B	07/31/07	08/02/07	66	5.0	mg/Kg	1:1
Zinc	6010B	07/31/07	08/02/07	102	1.5	mg/Kg	1:1

Matrix Spike Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83085
Sample ID MSD for HBN 330151 [ICPV/6061]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	07/31/07	08/02/07	28	6.0	mg/Kg	1:1
Arsenic	6010B	07/31/07	08/02/07	56	2.0	mg/Kg	1:1
Barium	6010B	07/31/07	08/02/07	179	2.0	mg/Kg	1:1
Beryllium	6010B	07/31/07	08/02/07	9.3	0.30	mg/Kg	1:1
Cadmium	6010B	07/31/07	08/02/07	21	0.50	mg/Kg	1:1
Chromium	6010B	07/31/07	08/02/07	75	1.0	mg/Kg	1:1
Cobalt	6010B	07/31/07	08/02/07	30	5.0	mg/Kg	1:1
Copper	6010B	07/31/07	08/02/07	69	2.0	mg/Kg	1:1
Lead	6010B	07/31/07	08/02/07	54	1.0	mg/Kg	1:1
Molybdenum	6010B	07/31/07	08/02/07	44	5.0	mg/Kg	1:1
Nickel	6010B	07/31/07	08/02/07	117	4.0	mg/Kg	1:1
Selenium	6010B	07/31/07	08/02/07	59	10	mg/Kg	1:1
Silver	6010B	07/31/07	08/02/07	5.3	1.0	mg/Kg	1:1
Thallium	6010B	07/31/07	08/02/07	55	10	mg/Kg	1:1
Vanadium	6010B	07/31/07	08/02/07	66	5.0	mg/Kg	1:1
Zinc	6010B	07/31/07	08/02/07	99	1.5	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83086
Sample ID DUP for HBN 330151 [ICPV/6061]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	07/31/07	08/02/07	ND	6.0	mg/Kg	1:1
Arsenic	6010B	07/31/07	08/02/07	4.9	2.0	mg/Kg	1:1
Barium	6010B	07/31/07	08/02/07	118	2.0	mg/Kg	1:1
Beryllium	6010B	07/31/07	08/02/07	ND	0.30	mg/Kg	1:1
Cadmium	6010B	07/31/07	08/02/07	ND	0.50	mg/Kg	1:1
Chromium	6010B	07/31/07	08/02/07	21	1.0	mg/Kg	1:1
Cobalt	6010B	07/31/07	08/02/07	8.8	5.0	mg/Kg	1:1
Copper	6010B	07/31/07	08/02/07	15	2.0	mg/Kg	1:1
Lead	6010B	07/31/07	08/02/07	4.2	1.0	mg/Kg	1:1
Molybdenum	6010B	07/31/07	08/02/07	ND	5.0	mg/Kg	1:1
Nickel	6010B	07/31/07	08/02/07	16	4.0	mg/Kg	1:1
Selenium	6010B	07/31/07	08/02/07	ND	10	mg/Kg	1:1
Silver	6010B	07/31/07	08/02/07	ND	1.0	mg/Kg	1:1
Thallium	6010B	07/31/07	08/02/07	ND	10	mg/Kg	1:1
Vanadium	6010B	07/31/07	08/02/07	41	5.0	mg/Kg	1:1
Zinc	6010B	07/31/07	08/02/07	34	1.5	mg/Kg	1:1

Method Blank Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83087
Sample ID MB for HBN 330154 [SMXV/1459]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	8270C	07/31/07	07/31/07	ND	165	ug/kg	1:1
Acenaphthylene	8270C	07/31/07	07/31/07	ND	165	ug/kg	1:1
Anthracene	8270C	07/31/07	07/31/07	ND	165	ug/kg	1:1
Benzo(a)anthracene	8270C	07/31/07	07/31/07	ND	165	ug/kg	1:1
Benzo(b)fluoranthene	8270C	07/31/07	07/31/07	ND	165	ug/kg	1:1
Benzo(k)fluoranthene	8270C	07/31/07	07/31/07	ND	165	ug/kg	1:1
Benzo(a)pyrene	8270C	07/31/07	07/31/07	ND	165	ug/kg	1:1
Benzo(g,h,i)perylene	8270C	07/31/07	07/31/07	ND	165	ug/kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Method Blank Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83087
Sample ID MB for HBN 330154 [SMXV/1459]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Chrysene	8270C	07/31/07	07/31/07	ND	165	ug/kg	1:1
Dibenzo(a,h)anthracene	8270C	07/31/07	07/31/07	ND	165	ug/kg	1:1
Fluoranthene	8270C	07/31/07	07/31/07	ND	165	ug/kg	1:1
Fluorene	8270C	07/31/07	07/31/07	ND	165	ug/kg	1:1
Indeno(1,2,3-cd)pyrene	8270C	07/31/07	07/31/07	ND	165	ug/kg	1:1
Naphthalene	8270C	07/31/07	07/31/07	ND	165	ug/kg	1:1
Phenanthrene	8270C	07/31/07	07/31/07	ND	165	ug/kg	1:1
Pyrene	8270C	07/31/07	07/31/07	ND	165	ug/kg	1:1
2-Methylnaphthalene	8270C	07/31/07	07/31/07	ND	165	ug/kg	1:1

Surrogates	Result	Recovery	Limits
2-Fluorobiphenyl	2610 ug/kg	78 %	(43 - 136)
Nitrobenzene-D5	2220 ug/kg	67 %	(35 - 134)

Lab Control Sample Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83088
Sample ID LCS for HBN 330154 [SMXV/1459]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	8270C	07/31/07	07/31/07	2570	165	ug/kg	1:1
Pyrene	8270C	07/31/07	07/31/07	3430	165	ug/kg	1:1

Lab Control Sample Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83089
Sample ID LCSD for HBN 330154 [SMXV/1459
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Lab Control Sample Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83089
Sample ID LCSD for HBN 330154 [SMXV/1459
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Acenaphthene	8270C	07/31/07	07/31/07	2610	165	ug/kg	1:1
Pyrene	8270C	07/31/07	07/31/07	3440	165	ug/kg	1:1

Matrix Spike Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83090
Sample ID MS for HBN 330154 [SMXV/1459]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	8270C	07/31/07	07/31/07	2650	165	ug/kg	1:1
Pyrene	8270C	07/31/07	07/31/07	3180	165	ug/kg	1:1

Matrix Spike Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 RT
Laboratory ID 83091
Sample ID MSD for HBN 330154 [SMXV/1459]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	8270C	07/31/07	07/31/07	2640	165	ug/kg	1:1
Pyrene	8270C	07/31/07	07/31/07	3020	165	ug/kg	1:1

Client ID Geocon Consultants
Workorder ID I-80 RT
QC Batch DIG 1693 **Original** 18109001
Matrix Soil **Sample** **Duplicate [83072]**

Parameter	RPD	RPD Limits

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

QC SUMMARY

Client ID	Geocon Consultants		
Workorder ID	I-80 RT		
QC Batch	DIG 1693	**Original**	18109001
Matrix	Soil	**Sample**	**Duplicate [83072] (continued)**

Parameter	**RPD**	**RPD Limits**
Mercury	1.67	(35)

Client ID	Geocon Consultants		
Workorder ID	I-80 RT		
QC Batch	PHX 1600	**Original**	18109001
Matrix	Soil	**Sample**	**Duplicate [83080]**

Parameter	**RPD**	**RPD Limits**
pH	0	

Client ID	Geocon Consultants		
Workorder ID	I-80 RT		
QC Batch	ICPP 6088	**Original**	18109001
Matrix	Soil	**Sample**	**Duplicate [83086]**

Parameter	**RPD**	**RPD Limits**
Antimony	0000	(35)
Arsenic	10.7	(35)
Barium	3.33	(35)
Beryllium	0000	(35)
Cadmium	0000	(35)
Chromium	11.9	(35)
Cobalt	7.61	(35)
Copper	6.49	(35)
Lead	5.57	(35)
Molybdenum	0000	(35)
Nickel	11.2	(35)
Selenium	0000	(35)
Silver	0000	(35)
Thallium	0000	(35)
Vanadium	0.4900	(35)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

QC SUMMARY

Client ID	Geocon Consultants		
Workorder ID	I-80 RT		
QC Batch	ICPP 6088	**Original**	18109001
Matrix	Soil	**Sample**	**Duplicate [83086] (continued)**

Parameter	RPD	RPD Limits
Zinc	3.74	(35)

Client ID	Geocon Consultants		
Workorder ID	I-80 RT		
QC Batch	PESX 1258	**Original**	18109001
Matrix	Soil	**Samples**	Matrix Spike [83062]
			Matrix Spike Duplicate [83063]

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
gamma-BHC (Lindane)	84	82	(46-127)	2.4	(15 MAX)
Heptachlor	87	86	(35-130)	1.2	(20 MAX)
Aldrin	80	78	(34-132)	2.5	(22 MAX)
Dieldrin	91	91	(31-134)	00	(18 MAX)
Endrin	86	84	(42-150)	2.4	(21 MAX)
4,4'-DDT	103	99	(23-200)	4.0	(27 MAX)

Client ID	Geocon Consultants		
Workorder ID	I-80 RT		
QC Batch	DIG 1693	**Original**	18109001
Matrix	Soil	**Samples**	Matrix Spike [83073]
			Matrix Spike Duplicate [83074]

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
Mercury	97.8	103	(75-125)	5.18	(35 MAX)

Client ID	Geocon Consultants		
Workorder ID	I-80 RT		
QC Batch	SGX 2473	**Original**	18109001
Matrix	Soil	**Samples**	Matrix Spike [83078]
			Matrix Spike Duplicate [83079]

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

QC SUMMARY

Client ID Geocon Consultants
Workorder ID I-80 RT
QC Batch SGX 2473
Matrix Soil

Original Samples 18109001
Matrix Spike [83078]
Matrix Spike Duplicate [83079]
(continued)

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
TPHdiesel	76	90	(65-135)	17	(20 MAX)

Client ID Geocon Consultants
Workorder ID I-80 RT
QC Batch ICPP 6088
Matrix Soil

Original Samples 18109001
Matrix Spike [83084]
Matrix Spike Duplicate [83085]

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
Antimony	55.2*	55.2*	(75-125)	0000	(35 MAX)
Arsenic	103	102	(75-125)	0.9760	(35 MAX)
Barium	118	114	(75-125)	3.45	(35 MAX)
Beryllium	91.4	92.9	(75-125)	1.63	(35 MAX)
Cadmium	106	106	(75-125)	0000	(35 MAX)
Chromium	102	102	(75-125)	0000	(35 MAX)
Cobalt	95.8	99.8	(75-125)	4.09	(35 MAX)
Copper	105	106	(75-125)	0.9480	(35 MAX)
Lead	98.3	99.1	(75-125)	0.8110	(35 MAX)
Molybdenum	85.6	87.2	(75-125)	1.85	(35 MAX)
Nickel	98.1	99.1	(75-125)	1.01	(35 MAX)
Selenium	119	118	(75-125)	0.8440	(35 MAX)
Silver	107	106	(75-125)	0.9390	(35 MAX)
Thallium	115	111	(75-125)	3.54	(35 MAX)
Vanadium	124	124	(75-125)	0000	(35 MAX)
Zinc	133**	127**	(75-125)	4.6	(35 MAX)

* Low MS/MSD recoveries due to sample matrix effect. ** High MS/MSD recoveries due to sample matrix effect.

Client ID Geocon Consultants
Workorder ID I-80 RT
QC Batch SMX 1472
Matrix Soil

Original Samples 18109001
Matrix Spike [83090]
Matrix Spike Duplicate [83091]

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

QC SUMMARY

Client ID Geocon Consultants
Workorder ID I-80 RT
QC Batch SMX 1472
Matrix Soil

Original Samples 18109001
Matrix Spike [83090]
Matrix Spike Duplicate [83091]
(continued)

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
Acenaphthene	80	79	(31-135)	1.3	(24 MAX)
Pyrene	95	91	(35-127)	4.3	(36 MAX)

Client ID Geocon Consultants
Workorder ID I-80 RT
QC Batch PESX 1258
Matrix Soil

Samples Lab Control Sample [83060]
Lab Control Sample Duplicate [83061]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
gamma-BHC (Lindane)	87	87	(46-127)	00	(15 MAX)
Heptachlor	90	90	(35-130)	00	(20 MAX)
Aldrin	76	75	(34-132)	1.3	(22 MAX)
Dieldrin	93	92	(31-134)	1.1	(18 MAX)
Endrin	82	82	(42-150)	00	(21 MAX)
4,4'-DDT	97	95	(23-200)	2.1	(27 MAX)

Client ID Geocon Consultants
Workorder ID I-80 RT
QC Batch DIG 1693
Matrix Soil

Samples Lab Control Sample [83070]
Lab Control Sample Duplicate [83071]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
Mercury	94.4	98.0	(80-120)	3.74	(20 MAX)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

QC SUMMARY

Client ID Geocon Consultants
Workorder ID I-80 RT
QC Batch SGX 2473
Matrix Soil

Samples Lab Control Sample [83076]
Lab Control Sample Duplicate [83077]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
TPHdiesel	92	88	(65-135)	4.4	(20 MAX)

Client ID Geocon Consultants
Workorder ID I-80 RT
QC Batch ICPP 6088
Matrix Soil

Samples Lab Control Sample [83082]
Lab Control Sample Duplicate [83083]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
Antimony	92.6	92.8	(80-120)	0.2160	(20 MAX)
Arsenic	86.2	87.8	(80-120)	1.84	(20 MAX)
Barium	84.8	87.2	(80-120)	2.79	(20 MAX)
Beryllium	83.7	85.5	(80-120)	2.13	(20 MAX)
Cadmium	82.5	84.5	(80-120)	2.40	(20 MAX)
Chromium	87.4	89.6	(80-120)	2.49	(20 MAX)
Cobalt	80.5	82.5	(80-120)	2.45	(20 MAX)
Copper	82.8	84.0	(80-120)	1.44	(20 MAX)
Lead	81.8	81.8	(80-120)	0000	(20 MAX)
Molybdenum	84.0	84.8	(80-120)	0.9480	(20 MAX)
Nickel	84.8	85.6	(80-120)	0.9390	(20 MAX)
Selenium	104	105	(80-120)	0.9570	(20 MAX)
Silver	113	113	(80-120)	0000	(20 MAX)
Thallium	98.2	98.0	(80-120)	0.2040	(20 MAX)
Vanadium	94.0	96.0	(80-120)	2.11	(20 MAX)
Zinc	105	105	(80-120)	0000	(20 MAX)

Client ID Geocon Consultants
Workorder ID I-80 RT
QC Batch SMX 1472
Matrix Soil

Samples Lab Control Sample [83088]
Lab Control Sample Duplicate [83089]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

QC SUMMARY

Client ID Geocon Consultants
Workorder ID I-80 RT
QC Batch SMX 1472
Matrix Soil

Samples Lab Control Sample [83088]
Lab Control Sample Duplicate [83089]
(continued)

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
Acenaphthene	77	78	(21-137)	1.3	(24 MAX)
Pyrene	103	103	(35-142)	00	(36 MAX)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

BbC

18109

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Rebecca Silva	California EDF Report? ☐ Yes ☑ No
Company / Address: Geocon Consultants, Inc., 3160 Gold Valley Dr Suite 800, Rancho Cordova	Sampling Company Log Code:
Phone #: 916-852-9118 / Fax #: 916-852-9132	Global ID:
Project #: S8875-06-171 / P.O. #:	EDF Deliverable To (Email Address): silva@geoconinc.com
Project Name: I-80 RT	Sampler Signature: [signature]
Project Address: Sacramento	

Analysis Request

Sample Designation	Date	Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	HCl	HNO_3	None	ICE	Water	Soil	Air	CAM 17 Metals (6010B)	organochlorine pesticides (8081)	MTBE\BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Organics Full List (EPA 8260B)	PAHs (8100) 8270 GCMS	TPH as Diesel and Motor Oil (EPA 8015M)	PCBs (8082)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (9045)
1) DP1-2-RT	7/30/07	1301		X							X		X														
2) DP1-4-RT		1307		X																							
3) DP1-8-RT ⊗ composite		1310		X											X	X						X	X	X			X
4) DP1-11.5-RT		1313		X																							
5) DP2-2-RT		1219																									
6) DP2-4-RT		1228																									
7) DP2-8-RT ⊗ composite		1234													X	X						X	X	X			X
8) DP2-11.5-RT		1238																									
9)																											
10) next page																											

TAT: ☐ 12 hr ☐ 24 hr ☒ 48 hr ☐ 72 hr ☐ 1 wk

48 HOUR

Relinquished by:	Date	Time	Received by:
[signature]	7/30/07	1530	[signature]
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
Caltrans billing per contract 03A0937
⊗ composite samples
48 hr TAT

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. 18109

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Rebecca Silva	California EDF Report? ☐ Yes ☑ No
Company / Address: Geocon Consultants, Inc., 3160 Gold Valley Dr Suite 800, Rancho Cordova	Sampling Company Log Code:
Phone #: 916-852-9118 / Fax #: 916-852-9132	Global ID:
Project #: S8875-06-171 / P.O. #:	EDF Deliverable To (Email Address): silva@geoconinc.com
Project Name: I-80 RT	Sampler Signature: [signature]
Project Address: Sacramento	

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Preservative: HCl	HNO_3	None	ICE	Matrix: Water	Soil	Air	CAM 17 Metals (6010B)	organochlorine pesticides (8081)	MTBE\BTEX (EPA 8260B)	TPH Gas (EPA 8015)	5 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Organics Full List (EPA 8260B)	PAHs (8100) / 8270 GC/MS	TPH as Diesel and Motor Oil (EPA 8015M)	PCBs (8082)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	pH (9045)	
1) DP3-2-RT	7/30/07	1331		X							X		X		X	X						X	X	X			X	X
2) DP3-4-RT ⊗ composite		1335													X	X						X	X	X			X	
3) DP3-8-RT		1337																										
4) DP3-11.5-RT		1341																										
5) DP4-2-RT		1405																										
6) DP4-4-RT ⊗ composite		1413													X	X						X	X	X			X	
7) DP4-8-RT		1415																										
8) DP4-11.5-RT	⊳	1422		⊳							⊳		⊳															
9)																												
10)																												

Analysis Request — TAT: ☐ 12 hr ☐ 24 hr ☒ 48 hr ☐ 72 hr ☐ 1 wk

48 hour

Relinquished by:	Date	Time	Received by:
[signature]	7/30/07	1530	[signature]
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
Caltrans billing per contract 03A0937
⊗ composite samples
48 hr TAT

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Rebecca Silva
Geocon Consultants
3160 Gold Valley Dr. #800
Rancho Cordova, CA 95742

Client	Geocon Consultants
Workorder	18143 I-80 SAC ADL
Received	08/29/07

The samples were received in EPA specified containers. The samples were transported and received under documented chain of custody and stored at four (4) degrees C until analysis was performed.

Sparger Technology, Inc. ID Suffix Keys - These descriptors will follow the Sparger Technology, Inc. ID numbers and help identify the specific sample and clarify the report.

- DUP - Matrix Duplicate
- MS - Matrix Spike
- MSD - Matrix Spike Duplicate
- LCS - Lab Control Sample
- LCSD - Lab Control Sample Duplicate
- RPD - Relative Percent Difference
- QC - Additional Quality Control
- DIL - Results from a diluted sample
- ND - None Detected
- RL - Reporting Limit

Note: In an effort to conserve paper, the results are printed on both sides of the paper.

Ray James
Laboratory Director

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Rebecca Silva
Geocon Consultants
3160 Gold Valley Dr. #800
Rancho Cordova, CA 95742

Workorder 18143

Enclosed are the results from samples received on August 29, 2007.

The requested analyses are listed below.

SAMPLE	SAMPLE DESCRIPTION	DATE COLLECTED	TEST METHOD
18143001	DPRB-B2-(2,4,8,11.5), Soil	08/29/07	8015M TPHd DHS 8081A 8082 8270C 9045 PH EPA 7471A 6010B
18143002	DPLB-B2-(2,4,8,11.5), Soil	08/29/07	8015M TPHd DHS 8081A 8082 8270C 9045 PH EPA 7471A 6010B
18143003	DPRB-B3-(2,4.5,8,11.5), Soil	08/29/07	8015M TPHd DHS 8081A 8082 8270C 9045 PH EPA 7471A 6010B
18143004	DPRB-B4-(2,4.5,8.5,11.5), Soil	08/29/07	8015M TPHd DHS 8081A 8082 8270C 9045 PH EPA 7471A 6010B
18143005	DPLB-B3-(2,4,8,11.5), Soil	08/29/07	8015M TPHd DHS 8081A 8082 8270C 9045 PH EPA 7471A 6010B

Workorder 18143

SAMPLE	SAMPLE DESCRIPTION	DATE COLLECTED	TEST METHOD
18143006	DPLB-B4-(2,4,8.5), Soil	08/29/07	8015M TPHd DHS 8081A 8082 8270C 9045 PH EPA 7471A 6010B

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 SAC ADL
Workorder #	18143	**Sampled**	08/29/07
Laboratory ID	18143001	**Received**	08/29/07
Sample ID	DPRB-B2-(2,4,8,11.5)	**Reported**	09/06/07
Matrix	Soil		

GC Pesticides - 8081A

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Aldrin	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
alpha-BHC	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
beta-BHC	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
delta-BHC	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
gamma-BHC (Lindane)	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
alpha-Chlordane	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
gamma-Chlordane	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
4,4'-DDD	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
4,4'-DDE	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
4,4'-DDT	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Dieldrin	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endosulfan I	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
Endosulfan II	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endosulfan sulfate	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endrin	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endrin aldehyde	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endrin ketone	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Heptachlor	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
Heptachlor epoxide	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
Methoxychlor	08/31/07	09/04/07	ND	17	ug/kg	1:1
Toxaphene	08/31/07	09/04/07	ND	170	ug/kg	1:1

Surrogates	Result	Recovery	Limits
Decachlorobiphenyl (DCB)	19.2 ug/kg	115 %	(35 - 135)
Tetrachlorometaxylene (TCMX)	17.9 ug/kg	107 %	(35 - 135)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 SAC ADL
Workorder #	18143	**Sampled**	08/29/07
Laboratory ID	18143001	**Received**	08/29/07
Sample ID	DPRB-B2-(2,4,8,11.5)	**Reported**	09/06/07
Matrix	Soil		

GC PCBs - 8082

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
PCB 1016	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1221	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1232	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1242	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1248	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1254	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1260	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
Decachlorobiphenyl (DCB)	0.0192mg/Kg	115 %	(45 - 145)
Tetrachlorometaxylene (TCMX)	0.0179mg/Kg	107 %	(45 - 145)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 SAC ADL
Workorder #	18143	**Sampled**	08/29/07
Laboratory ID	18143001	**Received**	08/29/07
Sample ID	DPRB-B2-(2,4,8,11.5)	**Reported**	09/06/07
Matrix	Soil		

GC/MS Semivolatiles - 8270C

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Acenaphthylene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Anthracene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(a)anthracene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(b)fluoranthene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(k)fluoranthene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(a)pyrene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(g,h,i)perylene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Chrysene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Dibenzo(a,h)anthracene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Fluoranthene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Fluorene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Indeno(1,2,3-cd)pyrene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Naphthalene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Phenanthrene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Pyrene	08/31/07	09/05/07	ND	165	ug/kg	1:1
2-Methylnaphthalene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(e)pyrene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Perylene	08/31/07	09/05/07	ND	165	ug/kg	1:1

Surrogates	Result	Recovery	Limits
2-Fluorobiphenyl	3540 ug/kg	106 %	(43 - 136)
Nitrobenzene-D5	2080 ug/kg	63 %	(35 - 134)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 SAC ADL
Workorder #	18143	**Sampled**	08/29/07
Laboratory ID	18143001	**Received**	08/29/07
Sample ID	DPRB-B2-(2,4,8,11.5)	**Reported**	09/06/07
Matrix	Soil		

Metals, CAM16 - 6010B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	09/05/07	09/06/07	ND	6.0	mg/Kg	1:1
Arsenic	**09/05/07**	**09/06/07**	**4.1**	**2.0**	**mg/Kg**	**1:1**
Barium	**09/05/07**	**09/06/07**	**97**	**2.0**	**mg/Kg**	**1:1**
Beryllium	09/05/07	09/06/07	ND	0.30	mg/Kg	1:1
Cadmium	09/05/07	09/06/07	ND	0.50	mg/Kg	1:1
Chromium	**09/05/07**	**09/06/07**	**25**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**09/05/07**	**09/06/07**	**9.2**	**5.0**	**mg/Kg**	**1:1**
Copper	**09/05/07**	**09/06/07**	**12**	**2.0**	**mg/Kg**	**1:1**
Lead	**09/05/07**	**09/06/07**	**4.4**	**1.0**	**mg/Kg**	**1:1**
Molybdenum	09/05/07	09/06/07	ND	5.0	mg/Kg	1:1
Nickel	**09/05/07**	**09/06/07**	**17**	**4.0**	**mg/Kg**	**1:1**
Selenium	09/05/07	09/06/07	ND	10	mg/Kg	1:1
Silver	09/05/07	09/06/07	ND	1.0	mg/Kg	1:1
Thallium	09/05/07	09/06/07	ND	10	mg/Kg	1:1
Vanadium	**09/05/07**	**09/06/07**	**50**	**5.0**	**mg/Kg**	**1:1**
Zinc	**09/05/07**	**09/06/07**	**30**	**1.5**	**mg/Kg**	**1:1**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 SAC ADL
Workorder #	18143	**Sampled**	08/29/07
Laboratory ID	18143002	**Received**	08/29/07
Sample ID	DPLB-B2-(2,4,8,11.5)	**Reported**	09/06/07
Matrix	Soil		

GC Pesticides - 8081A

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Aldrin	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
alpha-BHC	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
beta-BHC	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
delta-BHC	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
gamma-BHC (Lindane)	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
alpha-Chlordane	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
gamma-Chlordane	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
4,4'-DDD	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
4,4'-DDE	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
4,4'-DDT	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Dieldrin	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endosulfan I	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
Endosulfan II	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endosulfan sulfate	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endrin	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endrin aldehyde	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endrin ketone	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Heptachlor	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
Heptachlor epoxide	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
Methoxychlor	08/31/07	09/04/07	ND	17	ug/kg	1:1
Toxaphene	08/31/07	09/04/07	ND	170	ug/kg	1:1

Surrogates	Result	Recovery	Limits
Decachlorobiphenyl (DCB)	17.9 ug/kg	107 %	(35 - 135)
Tetrachlorometaxylene (TCMX)	16.9 ug/kg	101 %	(35 - 135)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 SAC ADL
Workorder #	18143	**Sampled**	08/29/07
Laboratory ID	18143002	**Received**	08/29/07
Sample ID	DPLB-B2-(2,4,8,11.5)	**Reported**	09/06/07
Matrix	Soil		

GC PCBs - 8082

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
PCB 1016	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1221	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1232	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1242	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1248	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1254	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1260	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
Decachlorobiphenyl (DCB)	0.0179mg/Kg	107 %	(45 - 145)
Tetrachlorometaxylene (TCMX)	0.0169mg/Kg	101 %	(45 - 145)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 SAC ADL
Workorder #	18143	**Sampled**	08/29/07
Laboratory ID	18143002	**Received**	08/29/07
Sample ID	DPLB-B2-(2,4,8,11.5)	**Reported**	09/06/07
Matrix	Soil		

GC/MS Semivolatiles - 8270C

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Acenaphthylene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Anthracene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(a)anthracene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(b)fluoranthene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(k)fluoranthene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(a)pyrene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(g,h,i)perylene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Chrysene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Dibenzo(a,h)anthracene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Fluoranthene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Fluorene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Indeno(1,2,3-cd)pyrene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Naphthalene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Phenanthrene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Pyrene	08/31/07	09/05/07	ND	165	ug/kg	1:1
2-Methylnaphthalene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(e)pyrene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Perylene	08/31/07	09/05/07	ND	165	ug/kg	1:1

Surrogates	Result	Recovery	Limits
2-Fluorobiphenyl	3920 ug/kg	118 %	(43 - 136)
Nitrobenzene-D5	2780 ug/kg	83 %	(35 - 134)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 SAC ADL
Workorder #	18143	**Sampled**	08/29/07
Laboratory ID	18143002	**Received**	08/29/07
Sample ID	DPLB-B2-(2,4,8,11.5)	**Reported**	09/06/07
Matrix	Soil		

Metals, CAM16 - 6010B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	09/05/07	09/06/07	ND	6.0	mg/Kg	1:1
Arsenic	**09/05/07**	**09/06/07**	**4.4**	**2.0**	**mg/Kg**	**1:1**
Barium	**09/05/07**	**09/06/07**	**105**	**2.0**	**mg/Kg**	**1:1**
Beryllium	09/05/07	09/06/07	ND	0.30	mg/Kg	1:1
Cadmium	09/05/07	09/06/07	ND	0.50	mg/Kg	1:1
Chromium	**09/05/07**	**09/06/07**	**30**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**09/05/07**	**09/06/07**	**13**	**5.0**	**mg/Kg**	**1:1**
Copper	**09/05/07**	**09/06/07**	**18**	**2.0**	**mg/Kg**	**1:1**
Lead	**09/05/07**	**09/06/07**	**5.8**	**1.0**	**mg/Kg**	**1:1**
Molybdenum	09/05/07	09/06/07	ND	5.0	mg/Kg	1:1
Nickel	**09/05/07**	**09/06/07**	**22**	**4.0**	**mg/Kg**	**1:1**
Selenium	09/05/07	09/06/07	ND	10	mg/Kg	1:1
Silver	09/05/07	09/06/07	ND	1.0	mg/Kg	1:1
Thallium	09/05/07	09/06/07	ND	10	mg/Kg	1:1
Vanadium	**09/05/07**	**09/06/07**	**56**	**5.0**	**mg/Kg**	**1:1**
Zinc	**09/05/07**	**09/06/07**	**40**	**1.5**	**mg/Kg**	**1:1**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 SAC ADL
Workorder #	18143	**Sampled**	08/29/07
Laboratory ID	18143003	**Received**	08/29/07
Sample ID	DPRB-B3-(2,4.5,8,11.5)	**Reported**	09/06/07
Matrix	Soil		

GC Pesticides - 8081A

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Aldrin	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
alpha-BHC	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
beta-BHC	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
delta-BHC	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
gamma-BHC (Lindane)	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
alpha-Chlordane	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
gamma-Chlordane	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
4,4'-DDD	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
4,4'-DDE	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
4,4'-DDT	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Dieldrin	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endosulfan I	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
Endosulfan II	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endosulfan sulfate	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endrin	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endrin aldehyde	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endrin ketone	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Heptachlor	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
Heptachlor epoxide	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
Methoxychlor	08/31/07	09/04/07	ND	17	ug/kg	1:1
Toxaphene	08/31/07	09/04/07	ND	170	ug/kg	1:1

Surrogates	Result	Recovery	Limits
Decachlorobiphenyl (DCB)	17.9 ug/kg	107 %	(35 - 135)
Tetrachlorometaxylene (TCMX)	17.7 ug/kg	106 %	(35 - 135)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 SAC ADL
Workorder #	18143	**Sampled**	08/29/07
Laboratory ID	18143003	**Received**	08/29/07
Sample ID	DPRB-B3-(2,4.5,8,11.5)	**Reported**	09/06/07
Matrix	Soil		

GC PCBs - 8082

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
PCB 1016	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1221	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1232	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1242	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1248	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1254	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1260	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
Decachlorobiphenyl (DCB)	0.0179mg/Kg	107 %	(45 - 145)
Tetrachlorometaxylene (TCMX)	0.0177mg/Kg	106 %	(45 - 145)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 SAC ADL
Workorder #	18143	**Sampled**	08/29/07
Laboratory ID	18143003	**Received**	08/29/07
Sample ID	DPRB-B3-(2,4.5,8,11.5)	**Reported**	09/06/07
Matrix	Soil		

GC/MS Semivolatiles - 8270C

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Acenaphthylene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Anthracene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(a)anthracene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(b)fluoranthene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(k)fluoranthene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(a)pyrene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(g,h,i)perylene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Chrysene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Dibenzo(a,h)anthracene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Fluoranthene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Fluorene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Indeno(1,2,3-cd)pyrene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Naphthalene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Phenanthrene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Pyrene	08/31/07	09/05/07	ND	165	ug/kg	1:1
2-Methylnaphthalene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(e)pyrene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Perylene	08/31/07	09/05/07	ND	165	ug/kg	1:1

Surrogates	Result	Recovery	Limits
2-Fluorobiphenyl	4080 ug/kg	122 %	(43 - 136)
Nitrobenzene-D5	3320 ug/kg	100 %	(35 - 134)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 SAC ADL
Workorder #	18143	**Sampled**	08/29/07
Laboratory ID	18143003	**Received**	08/29/07
Sample ID	DPRB-B3-(2,4.5,8,11.5)	**Reported**	09/06/07
Matrix	Soil		

Metals, CAM16 - 6010B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	09/05/07	09/06/07	ND	6.0	mg/Kg	1:1
Arsenic	**09/05/07**	**09/06/07**	**5.9**	**2.0**	**mg/Kg**	**1:1**
Barium	**09/05/07**	**09/06/07**	**95**	**2.0**	**mg/Kg**	**1:1**
Beryllium	09/05/07	09/06/07	ND	0.30	mg/Kg	1:1
Cadmium	09/05/07	09/06/07	ND	0.50	mg/Kg	1:1
Chromium	**09/05/07**	**09/06/07**	**32**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**09/05/07**	**09/06/07**	**12**	**5.0**	**mg/Kg**	**1:1**
Copper	**09/05/07**	**09/06/07**	**20**	**2.0**	**mg/Kg**	**1:1**
Lead	**09/05/07**	**09/06/07**	**7.8**	**1.0**	**mg/Kg**	**1:1**
Molybdenum	09/05/07	09/06/07	ND	5.0	mg/Kg	1:1
Nickel	**09/05/07**	**09/06/07**	**21**	**4.0**	**mg/Kg**	**1:1**
Selenium	09/05/07	09/06/07	ND	10	mg/Kg	1:1
Silver	09/05/07	09/06/07	ND	1.0	mg/Kg	1:1
Thallium	09/05/07	09/06/07	ND	10	mg/Kg	1:1
Vanadium	**09/05/07**	**09/06/07**	**50**	**5.0**	**mg/Kg**	**1:1**
Zinc	**09/05/07**	**09/06/07**	**44**	**1.5**	**mg/Kg**	**1:1**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 SAC ADL
Workorder #	18143	**Sampled**	08/29/07
Laboratory ID	18143004	**Received**	08/29/07
Sample ID	DPRB-B4-(2,4.5,8.5,11.5)	**Reported**	09/06/07
Matrix	Soil		

GC Pesticides - 8081A

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Aldrin	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
alpha-BHC	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
beta-BHC	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
delta-BHC	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
gamma-BHC (Lindane)	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
alpha-Chlordane	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
gamma-Chlordane	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
4,4'-DDD	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
4,4'-DDE	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
4,4'-DDT	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Dieldrin	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endosulfan I	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
Endosulfan II	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endosulfan sulfate	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endrin	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endrin aldehyde	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endrin ketone	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Heptachlor	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
Heptachlor epoxide	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
Methoxychlor	08/31/07	09/04/07	ND	17	ug/kg	1:1
Toxaphene	08/31/07	09/04/07	ND	170	ug/kg	1:1

Surrogates	Result	Recovery	Limits
Decachlorobiphenyl (DCB)	18.3 ug/kg	110 %	(35 - 135)
Tetrachlorometaxylene (TCMX)	17.3 ug/kg	104 %	(35 - 135)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 SAC ADL
Workorder #	18143	**Sampled**	08/29/07
Laboratory ID	18143004	**Received**	08/29/07
Sample ID	DPRB-B4-(2,4.5,8.5,11.5)	**Reported**	09/06/07
Matrix	Soil		

GC PCBs - 8082

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
PCB 1016	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1221	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1232	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1242	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1248	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1254	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1260	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
Decachlorobiphenyl (DCB)	0.0183mg/Kg	110 %	(45 - 145)
Tetrachlorometaxylene (TCMX)	0.0173mg/Kg	104 %	(45 - 145)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 SAC ADL
Workorder #	18143	**Sampled**	08/29/07
Laboratory ID	18143004	**Received**	08/29/07
Sample ID	DPRB-B4-(2,4.5,8.5,11.5)	**Reported**	09/06/07
Matrix	Soil		

GC/MS Semivolatiles - 8270C

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Acenaphthylene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Anthracene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(a)anthracene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(b)fluoranthene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(k)fluoranthene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(a)pyrene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(g,h,i)perylene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Chrysene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Dibenzo(a,h)anthracene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Fluoranthene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Fluorene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Indeno(1,2,3-cd)pyrene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Naphthalene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Phenanthrene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Pyrene	08/31/07	09/05/07	ND	165	ug/kg	1:1
2-Methylnaphthalene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(e)pyrene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Perylene	08/31/07	09/05/07	ND	165	ug/kg	1:1

Surrogates	Result	Recovery	Limits
2-Fluorobiphenyl	4130 ug/kg	124 %	(43 - 136)
Nitrobenzene-D5	2840 ug/kg	85 %	(35 - 134)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 SAC ADL
Workorder #	18143	**Sampled**	08/29/07
Laboratory ID	18143004	**Received**	08/29/07
Sample ID	DPRB-B4-(2,4.5,8.5,11.5)	**Reported**	09/06/07
Matrix	Soil		

Metals, CAM16 - 6010B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	09/05/07	09/06/07	ND	6.0	mg/Kg	1:1
Arsenic	**09/05/07**	**09/06/07**	**4.6**	**2.0**	**mg/Kg**	**1:1**
Barium	**09/05/07**	**09/06/07**	**87**	**2.0**	**mg/Kg**	**1:1**
Beryllium	09/05/07	09/06/07	ND	0.30	mg/Kg	1:1
Cadmium	09/05/07	09/06/07	ND	0.50	mg/Kg	1:1
Chromium	**09/05/07**	**09/06/07**	**24**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**09/05/07**	**09/06/07**	**9.1**	**5.0**	**mg/Kg**	**1:1**
Copper	**09/05/07**	**09/06/07**	**9.8**	**2.0**	**mg/Kg**	**1:1**
Lead	**09/05/07**	**09/06/07**	**2.9**	**1.0**	**mg/Kg**	**1:1**
Molybdenum	09/05/07	09/06/07	ND	5.0	mg/Kg	1:1
Nickel	**09/05/07**	**09/06/07**	**14**	**4.0**	**mg/Kg**	**1:1**
Selenium	09/05/07	09/06/07	ND	10	mg/Kg	1:1
Silver	09/05/07	09/06/07	ND	1.0	mg/Kg	1:1
Thallium	09/05/07	09/06/07	ND	10	mg/Kg	1:1
Vanadium	**09/05/07**	**09/06/07**	**51**	**5.0**	**mg/Kg**	**1:1**
Zinc	**09/05/07**	**09/06/07**	**26**	**1.5**	**mg/Kg**	**1:1**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 SAC ADL
Workorder #	18143	**Sampled**	08/29/07
Laboratory ID	18143005	**Received**	08/29/07
Sample ID	DPLB-B3-(2,4,8,11.5)	**Reported**	09/06/07
Matrix	Soil		

GC Pesticides - 8081A

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Aldrin	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
alpha-BHC	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
beta-BHC	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
delta-BHC	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
gamma-BHC (Lindane)	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
alpha-Chlordane	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
gamma-Chlordane	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
4,4'-DDD	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
4,4'-DDE	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
4,4'-DDT	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Dieldrin	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endosulfan I	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
Endosulfan II	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endosulfan sulfate	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endrin	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endrin aldehyde	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endrin ketone	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Heptachlor	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
Heptachlor epoxide	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
Methoxychlor	08/31/07	09/04/07	ND	17	ug/kg	1:1
Toxaphene	08/31/07	09/04/07	ND	170	ug/kg	1:1

Surrogates	Result	Recovery	Limits
Decachlorobiphenyl (DCB)	18.6 ug/kg	112 %	(35 - 135)
Tetrachlorometaxylene (TCMX)	17.8 ug/kg	107 %	(35 - 135)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 SAC ADL
Workorder #	18143	**Sampled**	08/29/07
Laboratory ID	18143005	**Received**	08/29/07
Sample ID	DPLB-B3-(2,4,8,11.5)	**Reported**	09/06/07
Matrix	Soil		

GC PCBs - 8082

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
PCB 1016	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1221	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1232	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1242	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1248	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1254	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1260	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
Decachlorobiphenyl (DCB)	0.0186mg/Kg	112 %	(45 - 145)
Tetrachlorometaxylene (TCMX)	0.0178mg/Kg	107 %	(45 - 145)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 SAC ADL
Workorder #	18143	**Sampled**	08/29/07
Laboratory ID	18143005	**Received**	08/29/07
Sample ID	DPLB-B3-(2,4,8,11.5)	**Reported**	09/06/07
Matrix	Soil		

GC/MS Semivolatiles - 8270C

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Acenaphthylene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Anthracene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(a)anthracene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(b)fluoranthene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(k)fluoranthene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(a)pyrene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(g,h,i)perylene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Chrysene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Dibenzo(a,h)anthracene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Fluoranthene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Fluorene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Indeno(1,2,3-cd)pyrene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Naphthalene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Phenanthrene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Pyrene	08/31/07	09/05/07	ND	165	ug/kg	1:1
2-Methylnaphthalene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(e)pyrene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Perylene	08/31/07	09/05/07	ND	165	ug/kg	1:1

Surrogates	Result	Recovery	Limits
2-Fluorobiphenyl	1880 ug/kg	56 %	(43 - 136)
Nitrobenzene-D5	1150 ug/kg	35 %	(35 - 134)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 SAC ADL
Workorder #	18143	**Sampled**	08/29/07
Laboratory ID	18143005	**Received**	08/29/07
Sample ID	DPLB-B3-(2,4,8,11.5)	**Reported**	09/06/07
Matrix	Soil		

Metals, CAM16 - 6010B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	09/05/07	09/06/07	ND	6.0	mg/Kg	1:1
Arsenic	**09/05/07**	**09/06/07**	**5.5**	**2.0**	**mg/Kg**	**1:1**
Barium	**09/05/07**	**09/06/07**	**117**	**2.0**	**mg/Kg**	**1:1**
Beryllium	09/05/07	09/06/07	ND	0.30	mg/Kg	1:1
Cadmium	09/05/07	09/06/07	ND	0.50	mg/Kg	1:1
Chromium	**09/05/07**	**09/06/07**	**31**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**09/05/07**	**09/06/07**	**12**	**5.0**	**mg/Kg**	**1:1**
Copper	**09/05/07**	**09/06/07**	**17**	**2.0**	**mg/Kg**	**1:1**
Lead	**09/05/07**	**09/06/07**	**5.8**	**1.0**	**mg/Kg**	**1:1**
Molybdenum	09/05/07	09/06/07	ND	5.0	mg/Kg	1:1
Nickel	**09/05/07**	**09/06/07**	**20**	**4.0**	**mg/Kg**	**1:1**
Selenium	09/05/07	09/06/07	ND	10	mg/Kg	1:1
Silver	09/05/07	09/06/07	ND	1.0	mg/Kg	1:1
Thallium	09/05/07	09/06/07	ND	10	mg/Kg	1:1
Vanadium	**09/05/07**	**09/06/07**	**68**	**5.0**	**mg/Kg**	**1:1**
Zinc	**09/05/07**	**09/06/07**	**40**	**1.5**	**mg/Kg**	**1:1**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 SAC ADL
Workorder #	18143	**Sampled**	08/29/07
Laboratory ID	18143006	**Received**	08/29/07
Sample ID	DPLB-B4-(2,4,8.5)	**Reported**	09/06/07
Matrix	Soil		

GC Pesticides - 8081A

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Aldrin	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
alpha-BHC	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
beta-BHC	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
delta-BHC	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
gamma-BHC (Lindane)	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
alpha-Chlordane	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
gamma-Chlordane	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
4,4'-DDD	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
4,4'-DDE	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
4,4'-DDT	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Dieldrin	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endosulfan I	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
Endosulfan II	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endosulfan sulfate	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endrin	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endrin aldehyde	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endrin ketone	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Heptachlor	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
Heptachlor epoxide	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
Methoxychlor	08/31/07	09/04/07	ND	17	ug/kg	1:1
Toxaphene	08/31/07	09/04/07	ND	170	ug/kg	1:1

Surrogates	Result	Recovery	Limits
Decachlorobiphenyl (DCB)	18.8 ug/kg	113 %	(35 - 135)
Tetrachlorometaxylene (TCMX)	17.5 ug/kg	105 %	(35 - 135)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 SAC ADL
Workorder #	18143	**Sampled**	08/29/07
Laboratory ID	18143006	**Received**	08/29/07
Sample ID	DPLB-B4-(2,4,8.5)	**Reported**	09/06/07
Matrix	Soil		

GC PCBs - 8082

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
PCB 1016	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1221	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1232	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1242	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1248	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1254	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1
PCB 1260	08/31/07	09/04/07	ND	0.03	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
Decachlorobiphenyl (DCB)	0.0188mg/Kg	113 %	(45 - 145)
Tetrachlorometaxylene (TCMX)	0.0175mg/Kg	105 %	(45 - 145)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 SAC ADL
Workorder #	18143	**Sampled**	08/29/07
Laboratory ID	18143006	**Received**	08/29/07
Sample ID	DPLB-B4-(2,4,8.5)	**Reported**	09/06/07
Matrix	Soil		

GC/MS Semivolatiles - 8270C

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Acenaphthylene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Anthracene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(a)anthracene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(b)fluoranthene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(k)fluoranthene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(a)pyrene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(g,h,i)perylene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Chrysene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Dibenzo(a,h)anthracene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Fluoranthene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Fluorene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Indeno(1,2,3-cd)pyrene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Naphthalene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Phenanthrene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Pyrene	08/31/07	09/05/07	ND	165	ug/kg	1:1
2-Methylnaphthalene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(e)pyrene	08/31/07	09/05/07	ND	165	ug/kg	1:1
Perylene	08/31/07	09/05/07	ND	165	ug/kg	1:1

Surrogates	Result	Recovery	Limits
2-Fluorobiphenyl	4110 ug/kg	123 %	(43 - 136)
Nitrobenzene-D5	3010 ug/kg	90 %	(35 - 134)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID	Geocon Consultants	**Workorder ID**	I-80 SAC ADL
Workorder #	18143	**Sampled**	08/29/07
Laboratory ID	18143006	**Received**	08/29/07
Sample ID	DPLB-B4-(2,4,8.5)	**Reported**	09/06/07
Matrix	Soil		

Metals, CAM16 - 6010B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	09/05/07	09/06/07	ND	6.0	mg/Kg	1:1
Arsenic	**09/05/07**	**09/06/07**	**4.7**	**2.0**	**mg/Kg**	**1:1**
Barium	**09/05/07**	**09/06/07**	**122**	**2.0**	**mg/Kg**	**1:1**
Beryllium	09/05/07	09/06/07	ND	0.30	mg/Kg	1:1
Cadmium	09/05/07	09/06/07	ND	0.50	mg/Kg	1:1
Chromium	**09/05/07**	**09/06/07**	**25**	**1.0**	**mg/Kg**	**1:1**
Cobalt	**09/05/07**	**09/06/07**	**11**	**5.0**	**mg/Kg**	**1:1**
Copper	**09/05/07**	**09/06/07**	**19**	**2.0**	**mg/Kg**	**1:1**
Lead	**09/05/07**	**09/06/07**	**11**	**1.0**	**mg/Kg**	**1:1**
Molybdenum	09/05/07	09/06/07	ND	5.0	mg/Kg	1:1
Nickel	**09/05/07**	**09/06/07**	**18**	**4.0**	**mg/Kg**	**1:1**
Selenium	09/05/07	09/06/07	ND	10	mg/Kg	1:1
Silver	09/05/07	09/06/07	ND	1.0	mg/Kg	1:1
Thallium	09/05/07	09/06/07	ND	10	mg/Kg	1:1
Vanadium	**09/05/07**	**09/06/07**	**50**	**5.0**	**mg/Kg**	**1:1**
Zinc	**09/05/07**	**09/06/07**	**44**	**1.5**	**mg/Kg**	**1:1**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID Geocon Consultants
Workorder # 18143 **Workorder ID** I-80 SAC ADL

Parameter TPHdiesel
Method 8015M TPHd DHS

Lab ID	Sample ID	Result	RL	Units	Collected	Analyzed	Matrix	Dilution
18143001	DPRB-B2-(2,4,8,11.5)	ND	1.0	mg/Kg	08/29/07	09/04/07	Soil	1:1
18143002	DPLB-B2-(2,4,8,11.5)	ND	1.0	mg/Kg	08/29/07	09/04/07	Soil	1:1
18143003	DPRB-B3-(2,4.5,8,11.5)	ND	1.0	mg/Kg	08/29/07	09/04/07	Soil	1:1
18143004	DPRB-B4-(2,4.5,8.5,11.5)	ND	1.0	mg/Kg	08/29/07	09/04/07	Soil	1:1
18143005	DPLB-B3-(2,4,8,11.5)	ND	1.0	mg/Kg	08/29/07	09/04/07	Soil	1:1
18143006	DPLB-B4-(2,4,8.5)	ND	1.0	mg/Kg	08/29/07	09/04/07	Soil	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID Geocon Consultants
Workorder # 18143 **Workorder ID** I-80 SAC ADL

Parameter TPHmotor oil
Method 8015M TPHd DHS

Lab ID	Sample ID	Result	RL	Units	Collected	Analyzed	Matrix	Dilution
18143001	DPRB-B2-(2,4,8,11.5)	ND	10	mg/Kg	08/29/07	09/04/07	Soil	1:1
18143002	DPLB-B2-(2,4,8,11.5)	ND	10	mg/Kg	08/29/07	09/04/07	Soil	1:1
18143003	DPRB-B3-(2,4.5,8,11.5)	ND	10	mg/Kg	08/29/07	09/04/07	Soil	1:1
18143004	DPRB-B4-(2,4.5,8.5,11.5)	ND	10	mg/Kg	08/29/07	09/04/07	Soil	1:1
18143005	DPLB-B3-(2,4,8,11.5)	ND	10	mg/Kg	08/29/07	09/04/07	Soil	1:1
18143006	DPLB-B4-(2,4,8.5)	ND	10	mg/Kg	08/29/07	09/04/07	Soil	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID Geocon Consultants
Workorder # 18143 **Workorder ID** I-80 SAC ADL

Parameter pH
Method 9045 PH

Lab ID	Sample ID	Result	RL	Units	Collected	Analyzed	Matrix	Dilution
18143001	DPRB-B2-(2,4,8,11.5)	8.31	0.1	SU	08/29/07	08/30/07	Soil	1:1
18143002	DPLB-B2-(2,4,8,11.5)	7.7	0.1	SU	08/29/07	08/30/07	Soil	1:1
18143003	DPRB-B3-(2,4.5,8,11.5)	7.85	0.1	SU	08/29/07	08/30/07	Soil	1:1
18143004	DPRB-B4-(2,4.5,8.5,11.5)	7.04	0.1	SU	08/29/07	08/30/07	Soil	1:1
18143005	DPLB-B3-(2,4,8,11.5)	7.67	0.1	SU	08/29/07	08/30/07	Soil	1:1
18143006	DPLB-B4-(2,4,8.5)	7.03	0.1	SU	08/29/07	08/30/07	Soil	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID Geocon Consultants
Workorder # 18143 **Workorder ID** I-80 SAC ADL

Parameter Mercury
Method EPA 7471A

Lab ID	Sample ID	Result	RL	Units	Collected	Analyzed	Matrix	Dilution
18143001	DPRB-B2-(2,4,8,11.5)	0.013	0.010	mg/Kg	08/29/07	09/06/07	Soil	1:1
18143002	DPLB-B2-(2,4,8,11.5)	0.012	0.010	mg/Kg	08/29/07	09/06/07	Soil	1:1
18143003	DPRB-B3-(2,4.5,8,11.5)	0.021	0.010	mg/Kg	08/29/07	09/06/07	Soil	1:1
18143004	DPRB-B4-(2,4.5,8.5,11.5)	0.013	0.010	mg/Kg	08/29/07	09/06/07	Soil	1:1
18143005	DPLB-B3-(2,4,8,11.5)	0.011	0.010	mg/Kg	08/29/07	09/06/07	Soil	1:1
18143006	DPLB-B4-(2,4,8.5)	0.026	0.010	mg/Kg	08/29/07	09/06/07	Soil	1:1

Method Blank Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83418
Sample ID MB for HBN 331655 [ICPV/6077]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	09/05/07	09/06/07	ND	6.0	mg/Kg	1:1
Arsenic	6010B	09/05/07	09/06/07	ND	2.0	mg/Kg	1:1
Barium	6010B	09/05/07	09/06/07	ND	2.0	mg/Kg	1:1
Beryllium	6010B	09/05/07	09/06/07	ND	0.30	mg/Kg	1:1
Cadmium	6010B	09/05/07	09/06/07	ND	0.50	mg/Kg	1:1
Chromium	6010B	09/05/07	09/06/07	ND	1.0	mg/Kg	1:1
Cobalt	6010B	09/05/07	09/06/07	ND	5.0	mg/Kg	1:1
Copper	6010B	09/05/07	09/06/07	ND	2.0	mg/Kg	1:1
Lead	6010B	09/05/07	09/06/07	ND	1.0	mg/Kg	1:1
Molybdenum	6010B	09/05/07	09/06/07	ND	5.0	mg/Kg	1:1
Nickel	6010B	09/05/07	09/06/07	ND	4.0	mg/Kg	1:1
Selenium	6010B	09/05/07	09/06/07	ND	10	mg/Kg	1:1
Silver	6010B	09/05/07	09/06/07	ND	1.0	mg/Kg	1:1
Thallium	6010B	09/05/07	09/06/07	ND	10	mg/Kg	1:1
Vanadium	6010B	09/05/07	09/06/07	ND	5.0	mg/Kg	1:1
Zinc	6010B	09/05/07	09/06/07	ND	1.5	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Lab Control Sample Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83419
Sample ID LCS for HBN 331655 [ICPV/6077]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	09/05/07	09/06/07	50	6.0	mg/Kg	1:1
Arsenic	6010B	09/05/07	09/06/07	56	2.0	mg/Kg	1:1
Barium	6010B	09/05/07	09/06/07	54	2.0	mg/Kg	1:1
Beryllium	6010B	09/05/07	09/06/07	10	0.30	mg/Kg	1:1
Cadmium	6010B	09/05/07	09/06/07	21	0.50	mg/Kg	1:1
Chromium	6010B	09/05/07	09/06/07	55	1.0	mg/Kg	1:1
Cobalt	6010B	09/05/07	09/06/07	21	5.0	mg/Kg	1:1
Copper	6010B	09/05/07	09/06/07	55	2.0	mg/Kg	1:1
Lead	6010B	09/05/07	09/06/07	56	1.0	mg/Kg	1:1
Molybdenum	6010B	09/05/07	09/06/07	54	5.0	mg/Kg	1:1
Nickel	6010B	09/05/07	09/06/07	106	4.0	mg/Kg	1:1
Selenium	6010B	09/05/07	09/06/07	51	10	mg/Kg	1:1
Silver	6010B	09/05/07	09/06/07	5.0	1.0	mg/Kg	1:1
Thallium	6010B	09/05/07	09/06/07	52	10	mg/Kg	1:1
Vanadium	6010B	09/05/07	09/06/07	20	5.0	mg/Kg	1:1
Zinc	6010B	09/05/07	09/06/07	54	1.5	mg/Kg	1:1

Lab Control Sample Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83420
Sample ID LCSD for HBN 331655 [ICPV/6077
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	09/05/07	09/06/07	49	6.0	mg/Kg	1:1
Arsenic	6010B	09/05/07	09/06/07	54	2.0	mg/Kg	1:1
Barium	6010B	09/05/07	09/06/07	53	2.0	mg/Kg	1:1
Beryllium	6010B	09/05/07	09/06/07	10	0.30	mg/Kg	1:1
Cadmium	6010B	09/05/07	09/06/07	21	0.50	mg/Kg	1:1
Chromium	6010B	09/05/07	09/06/07	54	1.0	mg/Kg	1:1
Cobalt	6010B	09/05/07	09/06/07	20	5.0	mg/Kg	1:1
Copper	6010B	09/05/07	09/06/07	53	2.0	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Lab Control Sample Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83420
Sample ID LCSD for HBN 331655 [ICPV/6077
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Lead	6010B	09/05/07	09/06/07	57	1.0	mg/Kg	1:1
Molybdenum	6010B	09/05/07	09/06/07	55	5.0	mg/Kg	1:1
Nickel	6010B	09/05/07	09/06/07	107	4.0	mg/Kg	1:1
Selenium	6010B	09/05/07	09/06/07	54	10	mg/Kg	1:1
Silver	6010B	09/05/07	09/06/07	4.7	1.0	mg/Kg	1:1
Thallium	6010B	09/05/07	09/06/07	52	10	mg/Kg	1:1
Vanadium	6010B	09/05/07	09/06/07	21	5.0	mg/Kg	1:1
Zinc	6010B	09/05/07	09/06/07	54	1.5	mg/Kg	1:1

Matrix Spike Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83421
Sample ID MS for HBN 331655 [ICPV/6077]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	09/05/07	09/06/07	33	6.0	mg/Kg	1:1
Arsenic	6010B	09/05/07	09/06/07	56	2.0	mg/Kg	1:1
Barium	6010B	09/05/07	09/06/07	161	2.0	mg/Kg	1:1
Beryllium	6010B	09/05/07	09/06/07	9.8	0.30	mg/Kg	1:1
Cadmium	6010B	09/05/07	09/06/07	22	0.50	mg/Kg	1:1
Chromium	6010B	09/05/07	09/06/07	81	1.0	mg/Kg	1:1
Cobalt	6010B	09/05/07	09/06/07	31	5.0	mg/Kg	1:1
Copper	6010B	09/05/07	09/06/07	68	2.0	mg/Kg	1:1
Lead	6010B	09/05/07	09/06/07	57	1.0	mg/Kg	1:1
Molybdenum	6010B	09/05/07	09/06/07	49	5.0	mg/Kg	1:1
Nickel	6010B	09/05/07	09/06/07	123	4.0	mg/Kg	1:1
Selenium	6010B	09/05/07	09/06/07	49	10	mg/Kg	1:1
Silver	6010B	09/05/07	09/06/07	4.2	1.0	mg/Kg	1:1
Thallium	6010B	09/05/07	09/06/07	45	10	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Matrix Spike Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83421
Sample ID MS for HBN 331655 [ICPV/6077]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Vanadium	6010B	09/05/07	09/06/07	72	5.0	mg/Kg	1:1
Zinc	6010B	09/05/07	09/06/07	82	1.5	mg/Kg	1:1

Matrix Spike Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83422
Sample ID MSD for HBN 331655 [ICPV/6077]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	09/05/07	09/06/07	33	6.0	mg/Kg	1:1
Arsenic	6010B	09/05/07	09/06/07	56	2.0	mg/Kg	1:1
Barium	6010B	09/05/07	09/06/07	148	2.0	mg/Kg	1:1
Beryllium	6010B	09/05/07	09/06/07	9.8	0.30	mg/Kg	1:1
Cadmium	6010B	09/05/07	09/06/07	21	0.50	mg/Kg	1:1
Chromium	6010B	09/05/07	09/06/07	82	1.0	mg/Kg	1:1
Cobalt	6010B	09/05/07	09/06/07	29	5.0	mg/Kg	1:1
Copper	6010B	09/05/07	09/06/07	70	2.0	mg/Kg	1:1
Lead	6010B	09/05/07	09/06/07	57	1.0	mg/Kg	1:1
Molybdenum	6010B	09/05/07	09/06/07	48	5.0	mg/Kg	1:1
Nickel	6010B	09/05/07	09/06/07	124	4.0	mg/Kg	1:1
Selenium	6010B	09/05/07	09/06/07	50	10	mg/Kg	1:1
Silver	6010B	09/05/07	09/06/07	4.4	1.0	mg/Kg	1:1
Thallium	6010B	09/05/07	09/06/07	48	10	mg/Kg	1:1
Vanadium	6010B	09/05/07	09/06/07	70	5.0	mg/Kg	1:1
Zinc	6010B	09/05/07	09/06/07	84	1.5	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83423
Sample ID DUP for HBN 331655 [ICPV/6077]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Antimony	6010B	09/05/07	09/06/07	ND	6.0	mg/Kg	1:1
Arsenic	6010B	09/05/07	09/06/07	3.3	2.0	mg/Kg	1:1
Barium	6010B	09/05/07	09/06/07	103	2.0	mg/Kg	1:1
Beryllium	6010B	09/05/07	09/06/07	ND	0.30	mg/Kg	1:1
Cadmium	6010B	09/05/07	09/06/07	ND	0.50	mg/Kg	1:1
Chromium	6010B	09/05/07	09/06/07	25	1.0	mg/Kg	1:1
Cobalt	6010B	09/05/07	09/06/07	8.9	5.0	mg/Kg	1:1
Copper	6010B	09/05/07	09/06/07	12	2.0	mg/Kg	1:1
Lead	6010B	09/05/07	09/06/07	4.4	1.0	mg/Kg	1:1
Molybdenum	6010B	09/05/07	09/06/07	ND	5.0	mg/Kg	1:1
Nickel	6010B	09/05/07	09/06/07	16	4.0	mg/Kg	1:1
Selenium	6010B	09/05/07	09/06/07	ND	10	mg/Kg	1:1
Silver	6010B	09/05/07	09/06/07	ND	1.0	mg/Kg	1:1
Thallium	6010B	09/05/07	09/06/07	ND	10	mg/Kg	1:1
Vanadium	6010B	09/05/07	09/06/07	51	5.0	mg/Kg	1:1
Zinc	6010B	09/05/07	09/06/07	30	1.5	mg/Kg	1:1

Method Blank Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83424
Sample ID MB for HBN 331658 [PESV/1249]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Aldrin	8081A	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
alpha-BHC	8081A	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
beta-BHC	8081A	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
delta-BHC	8081A	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
gamma-BHC (Lindane)	8081A	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
alpha-Chlordane	8081A	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
gamma-Chlordane	8081A	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
4,4'-DDD	8081A	08/31/07	09/04/07	ND	3.3	ug/kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Method Blank Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83424
Sample ID MB for HBN 331658 [PESV/1249]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
4,4'-DDE	8081A	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
4,4'-DDT	8081A	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Dieldrin	8081A	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endosulfan I	8081A	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
Endosulfan II	8081A	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endosulfan sulfate	8081A	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endrin	8081A	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endrin aldehyde	8081A	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Endrin ketone	8081A	08/31/07	09/04/07	ND	3.3	ug/kg	1:1
Heptachlor	8081A	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
Heptachlor epoxide	8081A	08/31/07	09/04/07	ND	1.7	ug/kg	1:1
Methoxychlor	8081A	08/31/07	09/04/07	ND	17	ug/kg	1:1
Toxaphene	8081A	08/31/07	09/04/07	ND	170	ug/kg	1:1

Surrogates	Result	Recovery	Limits
Decachlorobiphenyl (DCB)	18.7 ug/kg	112 %	(35 - 135)
Tetrachlorometaxylene (TCMX)	19 ug/kg	114 %	(35 - 135)

Lab Control Sample Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83425
Sample ID LCS for HBN 331658 [PESV/1249]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Aldrin	8081A	08/31/07	09/04/07	4.9	1.7	ug/kg	1:1
gamma-BHC (Lindane)	8081A	08/31/07	09/04/07	5.7	1.7	ug/kg	1:1
4,4'-DDT	8081A	08/31/07	09/04/07	17	3.3	ug/kg	1:1
Dieldrin	8081A	08/31/07	09/04/07	16	3.3	ug/kg	1:1
Endrin	8081A	08/31/07	09/04/07	13	3.3	ug/kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Lab Control Sample Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83425
Sample ID LCS for HBN 331658 [PESV/1249]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Heptachlor	8081A	08/31/07	09/04/07	4.7	1.7	ug/kg	1:1

Lab Control Sample Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83426
Sample ID LCSD for HBN 331658 [PESV/1249
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Aldrin	8081A	08/31/07	09/04/07	4.9	1.7	ug/kg	1:1
gamma-BHC (Lindane)	8081A	08/31/07	09/04/07	5.7	1.7	ug/kg	1:1
4,4'-DDT	8081A	08/31/07	09/04/07	17	3.3	ug/kg	1:1
Dieldrin	8081A	08/31/07	09/04/07	17	3.3	ug/kg	1:1
Endrin	8081A	08/31/07	09/04/07	13	3.3	ug/kg	1:1
Heptachlor	8081A	08/31/07	09/04/07	4.7	1.7	ug/kg	1:1

Matrix Spike Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83427
Sample ID MS for HBN 331658 [PESV/1249]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Aldrin	8081A	08/31/07	09/04/07	5.2	1.7	ug/kg	1:1
gamma-BHC (Lindane)	8081A	08/31/07	09/04/07	5.9	1.7	ug/kg	1:1
4,4'-DDT	8081A	08/31/07	09/04/07	16	3.3	ug/kg	1:1
Dieldrin	8081A	08/31/07	09/04/07	17	3.3	ug/kg	1:1
Endrin	8081A	08/31/07	09/04/07	16	3.3	ug/kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Matrix Spike Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83427
Sample ID MS for HBN 331658 [PESV/1249]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Heptachlor	8081A	08/31/07	09/04/07	4.7	1.7	ug/kg	1:1

Matrix Spike Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83428
Sample ID MSD for HBN 331658 [PESV/1249]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Aldrin	8081A	08/31/07	09/04/07	5.4	1.7	ug/kg	1:1
gamma-BHC (Lindane)	8081A	08/31/07	09/04/07	6.3	1.7	ug/kg	1:1
4,4'-DDT	8081A	08/31/07	09/04/07	17	3.3	ug/kg	1:1
Dieldrin	8081A	08/31/07	09/04/07	18	3.3	ug/kg	1:1
Endrin	8081A	08/31/07	09/04/07	16	3.3	ug/kg	1:1
Heptachlor	8081A	08/31/07	09/04/07	5.0	1.7	ug/kg	1:1

Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83434
Sample ID DUP for HBN 331664 [PHV/1652]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
pH	9045 PH	08/30/07	08/30/07	8.31	0.1	SU	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Method Blank Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83435
Sample ID MB for HBN 331667 [SGXV/2445]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015M TPHd DHS	08/31/07	09/04/07	ND	1.0	mg/Kg	1:1
TPHmotor oil	8015M TPHd DHS	08/31/07	09/04/07	ND	10	mg/Kg	1:1

Lab Control Sample Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83436
Sample ID LCS for HBN 331667 [SGXV/2445]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015M TPHd DHS	08/31/07	09/04/07	45	1.0	mg/Kg	1:1

Lab Control Sample Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83437
Sample ID LCSD for HBN 331667 [SGXV/2445
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015M TPHd DHS	08/31/07	09/04/07	44	1.0	mg/Kg	1:1

Matrix Spike Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83438
Sample ID MS for HBN 331667 [SGXV/2445]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Matrix Spike Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83438
Sample ID MS for HBN 331667 [SGXV/2445]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
TPHdiesel	8015M TPHd DHS	08/31/07	09/04/07	40	1.0	mg/Kg	1:1

Matrix Spike Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83439
Sample ID MSD for HBN 331667 [SGXV/2445]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015M TPHd DHS	08/31/07	09/04/07	37	1.0	mg/Kg	1:1

Method Blank Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83440
Sample ID MB for HBN 331670 [DIGV/1690]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Mercury	EPA 7471A	09/05/07	09/06/07	ND	0.010	mg/Kg	1:1

Lab Control Sample Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83441
Sample ID LCS for HBN 331670 [DIGV/1690]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Lab Control Sample Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83441
Sample ID LCS for HBN 331670 [DIGV/1690]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Mercury	EPA 7471A	09/05/07	09/06/07	0.049	0.010	mg/Kg	1:1

Lab Control Sample Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83442
Sample ID LCSD for HBN 331670 [DIGV/1690
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Mercury	EPA 7471A	09/05/07	09/06/07	0.048	0.010	mg/Kg	1:1

Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83443
Sample ID DUP for HBN 331670 [DIGV/1690]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Mercury	EPA 7471A	09/05/07	09/06/07	0.016	0.010	mg/Kg	1:1

Matrix Spike Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83444
Sample ID MS for HBN 331670 [DIGV/1690]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Matrix Spike Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83444
Sample ID MS for HBN 331670 [DIGV/1690]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Mercury	EPA 7471A	09/05/07	09/06/07	0.064	0.010	mg/Kg	1:1

Matrix Spike Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83445
Sample ID MSD for HBN 331670 [DIGV/1690]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Mercury	EPA 7471A	09/05/07	09/06/07	0.062	0.010	mg/Kg	1:1

Method Blank Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83446
Sample ID MB for HBN 331673 [SMXV/1460]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	8270C	08/31/07	09/05/07	ND	165	ug/kg	1:1
Acenaphthylene	8270C	08/31/07	09/05/07	ND	165	ug/kg	1:1
Anthracene	8270C	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(a)anthracene	8270C	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(b)fluoranthene	8270C	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(k)fluoranthene	8270C	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(a)pyrene	8270C	08/31/07	09/05/07	ND	165	ug/kg	1:1
Benzo(g,h,i)perylene	8270C	08/31/07	09/05/07	ND	165	ug/kg	1:1
Chrysene	8270C	08/31/07	09/05/07	ND	165	ug/kg	1:1
Dibenzo(a,h)anthracene	8270C	08/31/07	09/05/07	ND	165	ug/kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Method Blank Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83446
Sample ID MB for HBN 331673 [SMXV/1460]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Fluoranthene	8270C	08/31/07	09/05/07	ND	165	ug/kg	1:1
Fluorene	8270C	08/31/07	09/05/07	ND	165	ug/kg	1:1
Indeno(1,2,3-cd)pyrene	8270C	08/31/07	09/05/07	ND	165	ug/kg	1:1
Naphthalene	8270C	08/31/07	09/05/07	ND	165	ug/kg	1:1
Phenanthrene	8270C	08/31/07	09/05/07	ND	165	ug/kg	1:1
Pyrene	8270C	08/31/07	09/05/07	ND	165	ug/kg	1:1
2-Methylnaphthalene	8270C	08/31/07	09/05/07	ND	165	ug/kg	1:1

Surrogates	Result	Recovery	Limits
2-Fluorobiphenyl	2620 ug/kg	78 %	(43 - 136)
Nitrobenzene-D5	2360 ug/kg	71 %	(35 - 134)

Lab Control Sample Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83447
Sample ID LCS for HBN 331673 [SMXV/1460]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	8270C	08/31/07	09/05/07	3570	165	ug/kg	1:1
Pyrene	8270C	08/31/07	09/05/07	3780	165	ug/kg	1:1

Lab Control Sample Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83448
Sample ID LCSD for HBN 331673 [SMXV/1460
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Lab Control Sample Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83448
Sample ID LCSD for HBN 331673 [SMXV/1460
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Acenaphthene	8270C	08/31/07	09/05/07	3760	165	ug/kg	1:1
Pyrene	8270C	08/31/07	09/05/07	3730	165	ug/kg	1:1

Matrix Spike Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83449
Sample ID MS for HBN 331673 [SMXV/1460]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	8270C	08/31/07	09/05/07	3800	165	ug/kg	1:1
Pyrene	8270C	08/31/07	09/05/07	3380	165	ug/kg	1:1

Matrix Spike Duplicate Report

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
Laboratory ID 83450
Sample ID MSD for HBN 331673 [SMXV/1460]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Acenaphthene	8270C	08/31/07	09/05/07	3760	165	ug/kg	1:1
Pyrene	8270C	08/31/07	09/05/07	3420	165	ug/kg	1:1

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
QC Batch ICPP 6104 **Original** 18143001
Matrix Soil **Sample** **Duplicate [83423]**

Parameter	RPD	RPD Limits

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

QC SUMMARY

Client ID	Geocon Consultants		
Workorder ID	I-80 SAC ADL		
QC Batch	ICPP 6104	**Original**	18143001
Matrix	Soil	**Sample**	**Duplicate [83423] (continued)**

Parameter	**RPD**	**RPD Limits**
Antimony	0000	(35)
Arsenic	23.8	(35)
Barium	5.59	(35)
Beryllium	0000	(35)
Cadmium	0000	(35)
Chromium	0000	(35)
Cobalt	3.10	(35)
Copper	2.47	(35)
Lead	0000	(35)
Molybdenum	0000	(35)
Nickel	10.3	(35)
Selenium	0000	(35)
Silver	0000	(35)
Thallium	0000	(35)
Vanadium	1.38	(35)
Zinc	2.68	(35)

Client ID	Geocon Consultants		
Workorder ID	I-80 SAC ADL		
QC Batch	PHX 1603	**Original**	18143001
Matrix	Soil	**Sample**	**Duplicate [83434]**

Parameter	**RPD**	**RPD Limits**
pH	0	(20)

Client ID	Geocon Consultants		
Workorder ID	I-80 SAC ADL		
QC Batch	DIG 1696	**Original**	18143001
Matrix	Soil	**Sample**	**Duplicate [83443]**

Parameter	**RPD**	**RPD Limits**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

QC SUMMARY

Client ID	Geocon Consultants		
Workorder ID	I-80 SAC ADL		
QC Batch	DIG 1696	**Original**	18143001
Matrix	Soil	**Sample**	**Duplicate [83443] (continued)**

Parameter	**RPD**	**RPD Limits**
Mercury	20.5	(35)

Client ID	Geocon Consultants		
Workorder ID	I-80 SAC ADL		
QC Batch	ICPP 6104	**Original**	18143001
Matrix	Soil	**Samples**	Matrix Spike [83421] Matrix Spike Duplicate [83422]

Parameter	**Spike %Recovery**	**Spike Dup %Recovery**	**Recovery Limits**	**RPD**	**RPD Limits**
Antimony	66.6	66.4	(75-125)	0.3010	(35 MAX)
Arsenic	103	105	(75-125)	1.92	(35 MAX)
Barium	127	101	(75-125)	22.8	(35 MAX)
Beryllium	97.9	98.2	(75-125)	0.3060	(35 MAX)
Cadmium	108	106	(75-125)	1.87	(35 MAX)
Chromium	113	114	(75-125)	0.8810	(35 MAX)
Cobalt	108	98.7	(75-125)	9.00	(35 MAX)
Copper	112	115	(75-125)	2.64	(35 MAX)
Lead	105	106	(75-125)	0.9480	(35 MAX)
Molybdenum	97.6	96.2	(75-125)	1.44	(35 MAX)
Nickel	106	107	(75-125)	0.9390	(35 MAX)
Selenium	97.4	100	(75-125)	2.63	(35 MAX)
Silver	84.2	88.0	(75-125)	4.41	(35 MAX)
Thallium	90.8	96.8	(75-125)	6.40	(35 MAX)
Vanadium	111	98.5	(75-125)	11.9	(35 MAX)
Zinc	104	107	(75-125)	2.84	(35 MAX)

Client ID	Geocon Consultants		
Workorder ID	I-80 SAC ADL		
QC Batch	PESX 1259	**Original**	18143001
Matrix	Soil	**Samples**	Matrix Spike [83427] Matrix Spike Duplicate [83428]

Parameter	**Spike %Recovery**	**Spike Dup %Recovery**	**Recovery Limits**	**RPD**	**RPD Limits**

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

QC SUMMARY

Client ID	Geocon Consultants		
Workorder ID	I-80 SAC ADL		
QC Batch	PESX 1259	**Original**	18143001
Matrix	Soil	**Samples**	Matrix Spike [83427] Matrix Spike Duplicate [83428] **(continued)**

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
gamma-BHC (Lindane)	88	94	(46-127)	6.6	(15 MAX)
Heptachlor	70	75	(35-130)	6.9	(20 MAX)
Aldrin	78	81	(34-132)	3.8	(22 MAX)
Dieldrin	101	106	(31-134)	4.8	(18 MAX)
Endrin	93	98	(42-150)	5.2	(21 MAX)
4,4'-DDT	95	100	(23-200)	5.1	(27 MAX)

Client ID	Geocon Consultants		
Workorder ID	I-80 SAC ADL		
QC Batch	SGX 2476	**Original**	18143001
Matrix	Soil	**Samples**	Matrix Spike [83438] Matrix Spike Duplicate [83439]

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
TPHdiesel	80	74	(65-135)	7.8	(20 MAX)

Client ID	Geocon Consultants		
Workorder ID	I-80 SAC ADL		
QC Batch	DIG 1696	**Original**	18143001
Matrix	Soil	**Samples**	Matrix Spike [83444] Matrix Spike Duplicate [83445]

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
Mercury	103	99.4	(75-125)	3.56	(35 MAX)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

QC SUMMARY

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
QC Batch SMX 1473
Matrix Soil

Original Samples 18143001
Matrix Spike [83449]
Matrix Spike Duplicate [83450]

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
Acenaphthene	114	113	(31-135)	0.90	(24 MAX)
Pyrene	102	102	(35-127)	00	(36 MAX)

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
QC Batch ICPP 6104
Matrix Soil

Samples Lab Control Sample [83419]
Lab Control Sample Duplicate [83420]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
Antimony	99.0	98.4	(80-120)	0.6080	(20 MAX)
Arsenic	111	109	(80-120)	1.82	(20 MAX)
Barium	108	107	(80-120)	0.9300	(20 MAX)
Beryllium	101	101	(80-120)	0000	(20 MAX)
Cadmium	106	104	(80-120)	1.90	(20 MAX)
Chromium	109	109	(80-120)	0000	(20 MAX)
Cobalt	104	102	(80-120)	1.94	(20 MAX)
Copper	109	107	(80-120)	1.85	(20 MAX)
Lead	112	114	(80-120)	1.77	(20 MAX)
Molybdenum	108	110	(80-120)	1.83	(20 MAX)
Nickel	106	107	(80-120)	0.9390	(20 MAX)
Selenium	102	108	(80-120)	5.71	(20 MAX)
Silver	99.0	93.2	(80-120)	6.04	(20 MAX)
Thallium	103	104	(80-120)	0.9660	(20 MAX)
Vanadium	102	104	(80-120)	1.94	(20 MAX)
Zinc	108	107	(80-120)	0.9300	(20 MAX)

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
QC Batch PESX 1259
Matrix Soil

Samples Lab Control Sample [83425]
Lab Control Sample Duplicate [83426]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

QC SUMMARY

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
QC Batch PESX 1259
Matrix Soil

Samples Lab Control Sample [83425]
Lab Control Sample Duplicate [83426]
(continued)

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
gamma-BHC (Lindane)	86	86	(46-127)	00	(15 MAX)
Heptachlor	70	70	(35-130)	00	(20 MAX)
Aldrin	74	74	(34-132)	00	(22 MAX)
Dieldrin	99	100	(31-134)	1.0	(18 MAX)
Endrin	77	77	(42-150)	00	(21 MAX)
4,4'-DDT	100	100	(23-200)	00	(27 MAX)

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
QC Batch SGX 2476
Matrix Soil

Samples Lab Control Sample [83436]
Lab Control Sample Duplicate [83437]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
TPHdiesel	90	88	(65-135)	2.2	(20 MAX)

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
QC Batch DIG 1696
Matrix Soil

Samples Lab Control Sample [83441]
Lab Control Sample Duplicate [83442]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
Mercury	97.8	96.6	(80-120)	1.23	(20 MAX)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

QC SUMMARY

Client ID Geocon Consultants
Workorder ID I-80 SAC ADL
QC Batch SMX 1473
Matrix Soil

Samples Lab Control Sample [83447]
Lab Control Sample Duplicate [83448]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
Acenaphthene	107	113	(21-137)	5.5	(24 MAX)
Pyrene	114	112	(35-142)	1.8	(36 MAX)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

B10D 18143

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. _____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Rebecca Silva	California EDF Report? ☐ Yes ☑ No
Company / Address: Geocon Consultants, Inc. 3160 Gold Valley Drive, Suite 800 Rancho Cordova, CA 95742	Sampling Company Log Code:
Phone #: (916) 852-9118 / Fax #: (916) 852-9132	Global ID:
Project #: S8875-06-171 / P.O. #:	EDF Deliverable To (Email Address):
Project Name: I-80 SAC ADL	Sampler Signature:
Project Address: Sacramento County	

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ 1 wk

Sample Designation	Date	Time	40 ml VOA	Sleeve (plastic)	Poly	Glass	Tedlar		HCl	HNO_3	None	ICE		Water	Soil	Air		5 Oxygenates (EPA 8260B)	MTBE\BTEX (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	TPH Gas (EPA 8015)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	CAM 17 Metals 6010	Pesticides 8081	PCBs 8082	PAHs 8100/8270C	Soil pH 9045				
DPRB-B2-2	8/29/07	0910		X								X			X																				
DPRB-B2-4 (composite ⊗)		0925		X								X			X																				
DPRB-B2-8		0945		X								X			X										X	X	X	X	X	X	X				
DPRB-B2-11.5		1000		X								X			X																				
DPLB-B2-2		1015		X								X			X																				
DPLB-B2-4 (composite ⊗)		1025		X								X			X																				
DPLB-B2-8		1045		X								X			X										X	X	X	X	X	X	X				
DPLB-B2-11.5	↓	1050		X								X			X																				

Relinquished by:	Date	Time	Received by:
Dennis L Kuhlenf	8/29/07	1540	[illegible]
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
Caltrans Contract 03A0937
⊗ Please composite samples as noted.

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. 18143

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Rebecca Silva	California EDF Report? ☐ Yes ☑ No
Company / Address: Geocon Consultants, Inc. 3160 Gold Valley Drive, Suite 800 Rancho Cordova, CA 95742	Sampling Company Log Code:
Phone #: (916) 852-9118 / Fax #: (916) 852-9132	Global ID:
Project #: S8875-06-171 / P.O. #:	EDF Deliverable To (Email Address):
Project Name: I-80 SAC ADL	Sampler Signature:
Project Address: Sacramento County	

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ 1 wk

Sample Designation	Date	Time	40 ml VOA	Sleeve (plastic	Poly	Glass	Tedlar		HCl	HNO_3	None	TCE		Water	Soil	Air		5 Oxygenates (EPA 8260B)	MTBE\BTEX (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	TPH Gas (EPA 8015)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	CAM 17 Metals 6010	Pesticides 8081	PCBs 8082	PAHs 8100/8270C	Soil pH 9045			
DPRB-B3-2	8/29/07	1055		X								X			X																				
DPRB-B3-4.5		1125		X								X			X																				
DPRB-B3-8 (composite ⊛)		1135		X								X			X										X	X	X	X	X	X	X				
DPRB-B3-11.5		1140		X								X			X																				
DPRB-B4-2		1215		X								X			X																				
DPRB-B4-4.5		1235		X								X			X																				
DPRB-B4-8.5 (composite ⊛)		1250		X								X			X										X	X	X	X	X	X	X				
DPRB-B4-11.5	↓	1310		X								X			X																				

Relinquished by:	Date	Time	Received by:
Denise A Gahley	8/29/07	1540	[signature]
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
Caltrans Contract 03A0937
⊛ Please composite samples ac

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. 18143

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Rebecca Silva	California EDF Report? ☐ Yes ☑ No
Company / Address: Geocon Consultants, Inc. 3160 Gold Valley Drive, Suite 800 Rancho Cordova, CA 95742	Sampling Company Log Code:
Phone #: (916) 852-9118 / Fax #: (916) 852-9132	Global ID:
Project #: S8875-06-171 / P.O. #:	EDF Deliverable To (Email Address):
Project Name: I-80 SAC ADL	Sampler Signature:
Project Address: Sacramento County	

Analysis Request

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ 1 wk

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve (plastic	Poly	Glass	Tedlar	Metal Sleeve	Preservative: HCl	HNO_3	None	TCE	Matrix: Water	Soil	Air	5 Oxygenates (EPA 8260B)	MTBE\BTEX (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	TPH Gas (EPA 8015)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	CAM 17 Metals 6010	Pesticides 8081	PCBs 8082	PAHs 8100/8270C	Soil pH 9045
DPLB-B3-2 (composite ⊗)	8/29/07	1233						X				X		X															
DPLB-B3-4 (composite ⊗)	↓	1245						X				X		X															
DPLB-B3-8 (composite ⊗)		1305						X				X		X									X	X	X	X	X	X	X
DPLB-B3-11.5 (composite ⊗)		1325						X				X		X															
DPLB-B4-2 (composite ⊗)		1330		X								X		X															
DPLB-B4-4 (composite ⊗)		1345		X								X		X															
DPLB-B4-8.5 (composite ⊗)	↓	1400		X								X		X									X	X	X	X	X	X	X

Relinquished by:	Date	Time	Received by:
Dennis D Bellert	8/29/07	1540	[signature]
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:

Remarks:
Caltrans Contract 03A0937

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

RECEIVED
OCT 03 2007
By

David Watts
Geocon Consultants
6671 Brisa Street
Livermore, CA 94550

Client	Geocon Consultants
Workorder	18156 To 171
Received	09/07/07

The samples were received in EPA specified containers. The samples were transported and received under documented chain of custody and stored at four (4) degrees C until analysis was performed.

Sparger Technology, Inc. ID Suffix Keys - These descriptors will follow the Sparger Technology, Inc. ID numbers and help identify the specific sample and clarify the report.

- DUP - Matrix Duplicate
- MS - Matrix Spike
- MSD - Matrix Spike Duplicate
- LCS - Lab Control Sample
- LCSD - Lab Control Sample Duplicate
- RPD - Relative Percent Difference
- QC - Additional Quality Control
- DIL - Results from a diluted sample
- ND - None Detected
- RL - Reporting Limit

Note: In an effort to conserve paper, the results are printed on both sides of the paper.

Ray James
Laboratory Director

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

David Watts
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550

Workorder 18156

Enclosed are the results from samples received on September 07, 2007.

The requested analyses are listed below.

SAMPLE	SAMPLE DESCRIPTION	DATE COLLECTED	TEST METHOD
18156001	WTS-1A, PC	09/06/07	6010B
18156002	WTS-1B, PC	09/06/07	6010B
18156003	WTS-1C, PC	09/06/07	6010B
18156004	WTS-1D, PC	09/06/07	6010B

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID Geocon Consultants
Workorder # 18156 **Workorder ID** To 171

Parameter Chromium
Method 6010B

Lab ID	Sample ID	Result	RL	Units	Collected	Analyzed	Matrix	Dilution
18156001	WTS-1A	ND	1.0	mg/Kg	09/06/07	09/14/07	PC	1:1
18156002	WTS-1B	ND	1.0	mg/Kg	09/06/07	09/14/07	PC	1:1
18156003	WTS-1C	6.23	1.0	mg/Kg	09/06/07	09/14/07	PC	1:1
18156004	WTS-1D	ND	1.0	mg/Kg	09/06/07	09/14/07	PC	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Test Certificate of Analysis

Client ID Geocon Consultants
Workorder # 18156 **Workorder ID** To 171

Parameter Lead
Method 6010B

Lab ID	Sample ID	Result	RL	Units	Collected	Analyzed	Matrix	Dilution
18156001	WTS-1A	3.73	1.0	mg/Kg	09/06/07	09/14/07	PC	1:1
18156002	WTS-1B	1.17	1.0	mg/Kg	09/06/07	09/14/07	PC	1:1
18156003	WTS-1C	40.6	1.0	mg/Kg	09/06/07	09/14/07	PC	1:1
18156004	WTS-1D	ND	1.0	mg/Kg	09/06/07	09/14/07	PC	1:1

Method Blank Report

Client ID Geocon Consultants
Workorder ID To 171
Laboratory ID 83545
Sample ID MB for HBN 332258 [ICPV/6080]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Chromium	6010B	09/10/07	09/14/07	ND	5.0	mg/Kg	1:1
Lead	6010B	09/10/07	09/14/07	ND	5.0	mg/Kg	1:1

Lab Control Sample Report

Client ID Geocon Consultants
Workorder ID To 171
Laboratory ID 83546
Sample ID LCS for HBN 332258 [ICPV/6080]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Chromium	6010B	09/10/07	09/14/07	248	5.0	mg/Kg	1:1
Lead	6010B	09/10/07	09/14/07	240	5.0	mg/Kg	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Lab Control Sample Duplicate Report

Client ID Geocon Consultants
Workorder ID To 171
Laboratory ID 83547
Sample ID LCSD for HBN 332258 [ICPV/6080
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Chromium	6010B	09/10/07	09/14/07	254	5.0	mg/Kg	1:1
Lead	6010B	09/10/07	09/14/07	242	5.0	mg/Kg	1:1

Matrix Spike Report

Client ID Geocon Consultants
Workorder ID To 171
Laboratory ID 83548
Sample ID MS for HBN 332258 [ICPV/6080]
Matrix PC

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Chromium	6010B	09/10/07	09/14/07	253	5.0	mg/Kg	1:1
Lead	6010B	09/10/07	09/14/07	250	5.0	mg/Kg	1:1

Matrix Spike Duplicate Report

Client ID Geocon Consultants
Workorder ID To 171
Laboratory ID 83549
Sample ID MSD for HBN 332258 [ICPV/6080]
Matrix PC

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Chromium	6010B	09/10/07	09/14/07	245	5.0	mg/Kg	1:1
Lead	6010B	09/10/07	09/14/07	253	5.0	mg/Kg	1:1

Duplicate Report

Client ID Geocon Consultants
Workorder ID To 171
Laboratory ID 83550
Sample ID DUP for HBN 332258 [ICPV/6080]
Matrix PC

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Duplicate Report

Client ID Geocon Consultants
Workorder ID To 171
Laboratory ID 83550
Sample ID DUP for HBN 332258 [ICPV/6080]
Matrix Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Chromium	6010B	09/10/07	09/14/07	ND	1.0	mg/Kg	1:1
Lead	6010B	09/10/07	09/14/07	ND	1.0	mg/Kg	1:1

Client ID Geocon Consultants
Workorder ID To 171
QC Batch ICPP 6107 **Original Sample** 18156001
Matrix PC **Duplicate [83550]**

Parameter	RPD	RPD Limits
Chromium	0000	(35)
Lead	125	(35)

Client ID Geocon Consultants
Workorder ID To 171
QC Batch ICPP 6107 **Original Samples** 18156001
Matrix PC Matrix Spike [83548]
Matrix Spike Duplicate [83549]

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
Chromium	101	98.0	(75-125)	3.02	(35 MAX)
Lead	98.5	99.7	(75-125)	1.21	(35 MAX)

Client ID Geocon Consultants
Workorder ID To 171
QC Batch ICPP 6107
Matrix Soil **Samples** Lab Control Sample [83546]
Lab Control Sample Duplicate [83547]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

QC SUMMARY

Client ID Geocon Consultants
Workorder ID To 171
QC Batch ICPP 6107
Matrix Soil

Samples Lab Control Sample [83546]
Lab Control Sample Duplicate [83547]
(continued)

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
Chromium	99.2	102	(80-120)	2.78	(20 MAX)
Lead	96.0	96.8	(80-120)	0.8300	(20 MAX)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

SPARGER TECHNOLOGY, INC.
Analytical Laboratory
3050 Fite Circle, #112 Sacramento, CA 95827
Phone: (916) 362-8947
FAX: (916) 362-0947

CHAIN OF CUSTODY RECORD

C.O.C. No. 17204 18156
Page 1 **of** 1
STAL Invoice Number:

Company: GEOCON
Phone: (925) 371-5900
Project Manager: D. WATTS
FAX: " " 5915
Report Address: 6671 BRISA ST LIVERMORE, CA 94513
Billing Name & Address:
Project Name: TO 171
Project/Job#: 58875-06-171
Project Location: SACRAMENTO Co.
P.O.#: " " "

ANALYSIS REQUEST

REMARKS: PAINT CHIPS (TOTAL Pb + Cr) WHITE

Sampler's Name: WATTS

		All OK	None OK	Some OK
Cooler Temp.	°C			
Sample Condition				
pH				

WET(STLC)
TCLP

NO.	SAMPLE ID	Sampling Date	Sampling Time	40 mL VOA	Brass Sleeve	1 L amber bottle	250 mL Plastic	Other: BZ	HCl/HNO3/ICE	None	Other:	Water	Soil	Air	Other: PAINT	BTEX (602/8020)503.1	BTEX/TPHgas (602/8020/8015)	TPHdiesel/TPHmotor oil/kerosene(8015)	EPA 601/8010/502.2/504	EPA 602/8020	EPA 608/8080 (Pesticides)/505/508	EPA 608/8080 (PCB'S)	EPA 624/8240/524.2	EPA 625/8270/525	Total Oil & Grease (5520)	Non-Polar O & G/TRPH (418.1)	Organic Lead	RCI	CAM-17 Metals	CAM-5 Metals (Cd, Cr, Pb, Ni, Zn)	Lead + Chromium	Standard (1-WK)	Rush Services (72hr / 48hr / 24hr / 12hr)	Holiday/Weekend Rush
1	WT3-1A	9/6/07	1445					X							X																X	X			
2	1B	↓	↓					↓							↓																↓	↓			
3	1C	↓	↓					↓							↓																↓	↓			
4	1D	↓	↓					↓							↓																↓	↓			
5																																			
6																																			
7																																			
8																																			
9																																			
10																																			

Relinquished by:	Received by:	Relinquished by:	Received by:
Date: 6 SEP 2007 Time: 1541	Date: 6 SEP 2007 Time: 1541	Date: Time:	Date: 9-7-07 Time: 09:49

PLEASE READ REVERSE SIDE FOR TERMS AND CONDITIONS

December 17, 2007

ACCREDITED IN ACCORDANCE WITH

John Juhrend
Geocon Consultants, Inc.
3160 Gold Valley Drive, Suite 800
Rancho Cordova, CA 95742
TEL: (916) 852-9118
FAX: (916) 852-9132

ELAP No.: 1838
NELAP No.: 02107CA
NEVADA.: CA-401
Arizona: AZ0689
CSDLAC No.: 10196
Workorder No.: 095811

RE: I-80 SI, S9300-06-08

Attention: John Juhrend

Enclosed are the results for sample(s) received on December 10, 2007 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

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,

for Eddie F. Rodriguez
Laboratory Director

RECEIVED
JAN 07 2008
BY: GEOCON

The cover letter and the case narrative are an integral part of this analytical report and cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.

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

CLIENT: Geocon Consultants, Inc.
Project: I-80 SI, S9300-06-08
Lab Order: 095811

CASE NARRATIVE

Samples for PAH (8310) were subcontracted to AETL with ELAP Cert.#1541.

Analytical Comments for Method 6010

Matrix Spike (MS) and /or Matrix Spike Duplicate (MSD) are/is outside recovery criteria for sample 095811-036AMS; however, the analytical batch was validated by the Laboratory Control Sample (LCS).

RPD for Duplicate (DUP) is outside criteria for sample 095811-036ADUP; however, the Laboratory Control Sample (LCS) validated the analytical batch.

Analytical Comments for Method 8015 (DRO/ORO)

Surrogate recovery biased low for sample 095811-032A, possibly due to matrix interferences. The sample was reanalyzed and demonstrated the same low recovery.

RPD for Duplicate (DUP) is outside criteria for sample 095811-030ADUP; however, the Laboratory Control Sample (LCS) validated the analytical batch.

Analytical Comments for Method 8081

Dilution was necessary for samples 095811-029A and 095811-032A, due to sample matrix.

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

Advanced Technology Laboratories

ANALYTICAL RESULTS
Print Date: *17-Dec-07*

CLIENT: Geocon Consultants, Inc.
Lab Order: 095811
Project: I-80 SI, S9300-06-08
Lab ID: 095811-029A

Client Sample ID: Composite DPRR-1-1.0,4.0,7.0,10
Collection Date: 12/7/2007
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
EPA 3050B			**EPA 6010B**			
RunID: ICP8_071212A	QC Batch: 41986			PrepDate:	12/11/2007	Analyst: **HF**
Antimony	ND	2.0		mg/Kg	1	12/12/2007 12:35 PM
Arsenic	2.0	1.0		mg/Kg	1	12/12/2007 12:35 PM
Barium	88	1.0		mg/Kg	1	12/12/2007 12:35 PM
Beryllium	ND	1.0		mg/Kg	1	12/12/2007 12:35 PM
Cadmium	1.4	1.0		mg/Kg	1	12/12/2007 12:35 PM
Chromium	28	1.0		mg/Kg	1	12/12/2007 12:35 PM
Cobalt	11	1.0		mg/Kg	1	12/12/2007 12:35 PM
Copper	22	2.0		mg/Kg	1	12/12/2007 12:35 PM
Lead	24	1.0		mg/Kg	1	12/12/2007 12:35 PM
Molybdenum	ND	1.0		mg/Kg	1	12/12/2007 12:35 PM
Nickel	16	1.0		mg/Kg	1	12/12/2007 12:35 PM
Selenium	ND	1.0		mg/Kg	1	12/12/2007 12:35 PM
Silver	ND	1.0		mg/Kg	1	12/12/2007 12:35 PM
Thallium	ND	1.0		mg/Kg	1	12/12/2007 12:35 PM
Vanadium	34	1.0		mg/Kg	1	12/12/2007 12:35 PM
Zinc	58	1.0		mg/Kg	1	12/12/2007 12:35 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3550B			**EPA 8015B(M)**			
RunID: GC3_071210D	QC Batch: 42015			PrepDate:	12/11/2007	Analyst: **CBR**
DRO	26	2.0		mg/Kg	1	12/12/2007 11:04 AM
ORO	56	2.0		mg/Kg	1	12/12/2007 11:04 AM
Surr: p-Terphenyl	61.6	26-127		%REC	1	12/12/2007 11:04 AM
ORGANOCHLORINE PESTICIDES BY GC/ECD						
EPA 3550B			**EPA 8081A**			
RunID: GC10_071211A	QC Batch: 41991			PrepDate:	12/11/2007	Analyst: **VLT**
4,4'-DDD	ND	20		µg/Kg	10	12/11/2007 10:52 PM
4,4'-DDE	ND	20		µg/Kg	10	12/11/2007 10:52 PM
4,4'-DDT	ND	20		µg/Kg	10	12/11/2007 10:52 PM
Aldrin	ND	10		µg/Kg	10	12/11/2007 10:52 PM
alpha-BHC	ND	10		µg/Kg	10	12/11/2007 10:52 PM
alpha-Chlordane	ND	10		µg/Kg	10	12/11/2007 10:52 PM
beta-BHC	ND	10		µg/Kg	10	12/11/2007 10:52 PM
Chlordane	ND	85		µg/Kg	10	12/11/2007 10:52 PM
delta-BHC	ND	10		µg/Kg	10	12/11/2007 10:52 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out
- E Value above quantitation range
- ND Not Detected at the Reporting Limit

Results are wet unless otherwise specified

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

Advanced Technology Laboratories

ANALYTICAL RESULTS
Print Date: *17-Dec-07*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	Composite DPRR-1-1.0,4.0,7.0,10
Lab Order:	095811	**Collection Date:**	12/7/2007
Project:	I-80 SI, S9300-06-08	**Matrix:**	SOIL
Lab ID:	095811-029A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD						
EPA 3550B				**EPA 8081A**		
RunID: GC10_071211A	QC Batch: 41991				PrepDate: 12/11/2007	Analyst: **VLT**
Dieldrin	ND	20		µg/Kg	10	12/11/2007 10:52 PM
Endosulfan I	ND	10		µg/Kg	10	12/11/2007 10:52 PM
Endosulfan II	ND	20		µg/Kg	10	12/11/2007 10:52 PM
Endosulfan sulfate	ND	20		µg/Kg	10	12/11/2007 10:52 PM
Endrin	ND	20		µg/Kg	10	12/11/2007 10:52 PM
Endrin aldehyde	ND	20		µg/Kg	10	12/11/2007 10:52 PM
Endrin ketone	ND	20		µg/Kg	10	12/11/2007 10:52 PM
gamma-BHC	ND	10		µg/Kg	10	12/11/2007 10:52 PM
gamma-Chlordane	ND	10		µg/Kg	10	12/11/2007 10:52 PM
Heptachlor	ND	10		µg/Kg	10	12/11/2007 10:52 PM
Heptachlor epoxide	ND	10		µg/Kg	10	12/11/2007 10:52 PM
Methoxychlor	ND	85		µg/Kg	10	12/11/2007 10:52 PM
Toxaphene	ND	850		µg/Kg	10	12/11/2007 10:52 PM
Surr: Decachlorobiphenyl	70.8	31-132		%REC	10	12/11/2007 10:52 PM
Surr: Tetrachloro-m-xylene	69.3	34-106		%REC	10	12/11/2007 10:52 PM
PCBS BY GC/ECD						
EPA 3550B				**EPA 8082**		
RunID: GC4_071211A	QC Batch: 41991				PrepDate: 12/11/2007	Analyst: **VLT**
Aroclor 1016	ND	16		µg/Kg	1	12/11/2007 06:47 PM
Aroclor 1221	ND	33		µg/Kg	1	12/11/2007 06:47 PM
Aroclor 1232	ND	16		µg/Kg	1	12/11/2007 06:47 PM
Aroclor 1242	ND	16		µg/Kg	1	12/11/2007 06:47 PM
Aroclor 1248	ND	16		µg/Kg	1	12/11/2007 06:47 PM
Aroclor 1254	ND	16		µg/Kg	1	12/11/2007 06:47 PM
Aroclor 1260	ND	16		µg/Kg	1	12/11/2007 06:47 PM
Aroclor 1262	ND	16		µg/Kg	1	12/11/2007 06:47 PM
Aroclor 1268	ND	16		µg/Kg	1	12/11/2007 06:47 PM
Surr: Decachlorobiphenyl	64.3	41-127		%REC	1	12/11/2007 06:47 PM
Surr: Tetrachloro-m-xylene	77.2	54-127		%REC	1	12/11/2007 06:47 PM
MERCURY BY COLD VAPOR TECHNIQUE						
EPA 7471				**EPA 7471A**		
RunID: AA5_071212C	QC Batch: 41987				PrepDate: 12/11/2007	Analyst: **LKN**
Mercury	ND	0.10		mg/Kg	1	12/12/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

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

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: *17-Dec-07*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	Composite DPRR-1-1.0,4.0,7.0,10
Lab Order:	095811	**Collection Date:**	12/7/2007
Project:	I-80 SI, S9300-06-08	**Matrix:**	SOIL
Lab ID:	095811-029A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
PH						
				EPA 9045C		
RunID: WETCHEM_071211D	QC Batch: R88346			PrepDate:		Analyst: **CC**
pH	8.2	0.10		pH Units	1	12/11/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

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

Advanced Technology Laboratories

ANALYTICAL RESULTS
Print Date: *17-Dec-07*

CLIENT: Geocon Consultants, Inc.
Lab Order: 095811
Project: I-80 SI, S9300-06-08
Lab ID: 095811-030A

Client Sample ID: Composite DPRR-2-1.0,4.0,7.0,10
Collection Date: 12/7/2007
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
EPA 3050B				**EPA 6010B**		
RunID: ICP8_071212A	QC Batch: 41986			PrepDate: 12/11/2007		Analyst: **HF**
Antimony	ND	2.0		mg/Kg	1	12/12/2007 12:39 PM
Arsenic	2.4	1.0		mg/Kg	1	12/12/2007 12:39 PM
Barium	120	1.0		mg/Kg	1	12/12/2007 12:39 PM
Beryllium	ND	1.0		mg/Kg	1	12/12/2007 12:39 PM
Cadmium	ND	1.0		mg/Kg	1	12/12/2007 12:39 PM
Chromium	27	1.0		mg/Kg	1	12/12/2007 12:39 PM
Cobalt	14	1.0		mg/Kg	1	12/12/2007 12:39 PM
Copper	16	2.0		mg/Kg	1	12/12/2007 12:39 PM
Lead	24	1.0		mg/Kg	1	12/12/2007 12:39 PM
Molybdenum	ND	1.0		mg/Kg	1	12/12/2007 12:39 PM
Nickel	21	1.0		mg/Kg	1	12/12/2007 12:39 PM
Selenium	ND	1.0		mg/Kg	1	12/12/2007 12:39 PM
Silver	ND	1.0		mg/Kg	1	12/12/2007 12:39 PM
Thallium	ND	1.0		mg/Kg	1	12/12/2007 12:39 PM
Vanadium	42	1.0		mg/Kg	1	12/12/2007 12:39 PM
Zinc	45	1.0		mg/Kg	1	12/12/2007 12:39 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3550B				**EPA 8015B(M)**		
RunID: GC3_071210D	QC Batch: 42015			PrepDate: 12/11/2007		Analyst: **CBR**
DRO	6.1	1.0		mg/Kg	1	12/12/2007 09:24 AM
ORO	15	1.0		mg/Kg	1	12/12/2007 09:24 AM
Surr: p-Terphenyl	66.3	26-127		%REC	1	12/12/2007 09:24 AM
ORGANOCHLORINE PESTICIDES BY GC/ECD						
EPA 3550B				**EPA 8081A**		
RunID: GC10_071211A	QC Batch: 41991			PrepDate: 12/11/2007		Analyst: **VLT**
4,4'-DDD	ND	2.0		µg/Kg	1	12/11/2007 07:45 PM
4,4'-DDE	ND	2.0		µg/Kg	1	12/11/2007 07:45 PM
4,4'-DDT	ND	2.0		µg/Kg	1	12/11/2007 07:45 PM
Aldrin	ND	1.0		µg/Kg	1	12/11/2007 07:45 PM
alpha-BHC	ND	1.0		µg/Kg	1	12/11/2007 07:45 PM
alpha-Chlordane	ND	1.0		µg/Kg	1	12/11/2007 07:45 PM
beta-BHC	ND	1.0		µg/Kg	1	12/11/2007 07:45 PM
Chlordane	ND	8.5		µg/Kg	1	12/11/2007 07:45 PM
delta-BHC	ND	1.0		µg/Kg	1	12/11/2007 07:45 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out
- E Value above quantitation range
- ND Not Detected at the Reporting Limit

Results are wet unless otherwise specified

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

Advanced Technology Laboratories

ANALYTICAL RESULTS
Print Date: *17-Dec-07*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	Composite DPRR-2-1.0,4.0,7.0,10
Lab Order:	095811	**Collection Date:**	12/7/2007
Project:	I-80 SI, S9300-06-08	**Matrix:**	SOIL
Lab ID:	095811-030A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD						
EPA 3550B				**EPA 8081A**		
RunID: GC10_071211A	QC Batch: 41991			PrepDate:	12/11/2007	Analyst: **VLT**
Dieldrin	ND	2.0		µg/Kg	1	12/11/2007 07:45 PM
Endosulfan I	ND	1.0		µg/Kg	1	12/11/2007 07:45 PM
Endosulfan II	ND	2.0		µg/Kg	1	12/11/2007 07:45 PM
Endosulfan sulfate	ND	2.0		µg/Kg	1	12/11/2007 07:45 PM
Endrin	ND	2.0		µg/Kg	1	12/11/2007 07:45 PM
Endrin aldehyde	ND	2.0		µg/Kg	1	12/11/2007 07:45 PM
Endrin ketone	ND	2.0		µg/Kg	1	12/11/2007 07:45 PM
gamma-BHC	ND	1.0		µg/Kg	1	12/11/2007 07:45 PM
gamma-Chlordane	ND	1.0		µg/Kg	1	12/11/2007 07:45 PM
Heptachlor	ND	1.0		µg/Kg	1	12/11/2007 07:45 PM
Heptachlor epoxide	ND	1.0		µg/Kg	1	12/11/2007 07:45 PM
Methoxychlor	ND	8.5		µg/Kg	1	12/11/2007 07:45 PM
Toxaphene	ND	85		µg/Kg	1	12/11/2007 07:45 PM
Surr: Decachlorobiphenyl	64.8	31-132		%REC	1	12/11/2007 07:45 PM
Surr: Tetrachloro-m-xylene	58.6	34-106		%REC	1	12/11/2007 07:45 PM
PCBS BY GC/ECD						
EPA 3550B				**EPA 8082**		
RunID: GC4_071211A	QC Batch: 41991			PrepDate:	12/11/2007	Analyst: **VLT**
Aroclor 1016	ND	16		µg/Kg	1	12/11/2007 07:17 PM
Aroclor 1221	ND	33		µg/Kg	1	12/11/2007 07:17 PM
Aroclor 1232	ND	16		µg/Kg	1	12/11/2007 07:17 PM
Aroclor 1242	ND	16		µg/Kg	1	12/11/2007 07:17 PM
Aroclor 1248	ND	16		µg/Kg	1	12/11/2007 07:17 PM
Aroclor 1254	ND	16		µg/Kg	1	12/11/2007 07:17 PM
Aroclor 1260	ND	16		µg/Kg	1	12/11/2007 07:17 PM
Aroclor 1262	ND	16		µg/Kg	1	12/11/2007 07:17 PM
Aroclor 1268	ND	16		µg/Kg	1	12/11/2007 07:17 PM
Surr: Decachlorobiphenyl	75.2	41-127		%REC	1	12/11/2007 07:17 PM
Surr: Tetrachloro-m-xylene	87.8	54-127		%REC	1	12/11/2007 07:17 PM
MERCURY BY COLD VAPOR TECHNIQUE						
EPA 7471				**EPA 7471A**		
RunID: AA5_071212C	QC Batch: 41987			PrepDate:	12/11/2007	Analyst: **LKN**
Mercury	ND	0.10		mg/Kg	1	12/12/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

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

Advanced Technology Laboratories

ANALYTICAL RESULTS
Print Date: *17-Dec-07*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	Composite DPRR-3-1.0,4.0,7.5,10
Lab Order:	095811	**Collection Date:**	12/7/2007
Project:	I-80 SI, S9300-06-08	**Matrix:**	SOIL
Lab ID:	095811-031A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
EPA 3050B			**EPA 6010B**			
RunID: ICP8_071212A	QC Batch: 41986			PrepDate:	12/11/2007	Analyst: **HF**
Antimony	ND	2.0		mg/Kg	1	12/12/2007 12:43 PM
Arsenic	2.7	1.0		mg/Kg	1	12/12/2007 12:43 PM
Barium	98	1.0		mg/Kg	1	12/12/2007 12:43 PM
Beryllium	ND	1.0		mg/Kg	1	12/12/2007 12:43 PM
Cadmium	2.7	1.0		mg/Kg	1	12/12/2007 12:43 PM
Chromium	38	1.0		mg/Kg	1	12/12/2007 12:43 PM
Cobalt	8.5	1.0		mg/Kg	1	12/12/2007 12:43 PM
Copper	17	2.0		mg/Kg	1	12/12/2007 12:43 PM
Lead	25	1.0		mg/Kg	1	12/12/2007 12:43 PM
Molybdenum	ND	1.0		mg/Kg	1	12/12/2007 12:43 PM
Nickel	18	1.0		mg/Kg	1	12/12/2007 12:43 PM
Selenium	ND	1.0		mg/Kg	1	12/12/2007 12:43 PM
Silver	ND	1.0		mg/Kg	1	12/12/2007 12:43 PM
Thallium	ND	1.0		mg/Kg	1	12/12/2007 12:43 PM
Vanadium	44	1.0		mg/Kg	1	12/12/2007 12:43 PM
Zinc	47	1.0		mg/Kg	1	12/12/2007 12:43 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3550B			**EPA 8015B(M)**			
RunID: GC3_071210D	QC Batch: 42015			PrepDate:	12/11/2007	Analyst: **CBR**
DRO	3.0	2.0		mg/Kg	1	12/12/2007 01:36 PM
ORO	5.5	2.0		mg/Kg	1	12/12/2007 01:36 PM
Surr: p-Terphenyl	100	26-127		%REC	1	12/12/2007 01:36 PM
ORGANOCHLORINE PESTICIDES BY GC/ECD						
EPA 3550B			**EPA 8081A**			
RunID: GC10_071211A	QC Batch: 41991			PrepDate:	12/11/2007	Analyst: **VLT**
4,4'-DDD	ND	2.0		µg/Kg	1	12/11/2007 09:49 PM
4,4'-DDE	ND	2.0		µg/Kg	1	12/11/2007 09:49 PM
4,4'-DDT	ND	2.0		µg/Kg	1	12/11/2007 09:49 PM
Aldrin	ND	1.0		µg/Kg	1	12/11/2007 09:49 PM
alpha-BHC	ND	1.0		µg/Kg	1	12/11/2007 09:49 PM
alpha-Chlordane	ND	1.0		µg/Kg	1	12/11/2007 09:49 PM
beta-BHC	ND	1.0		µg/Kg	1	12/11/2007 09:49 PM
Chlordane	ND	8.5		µg/Kg	1	12/11/2007 09:49 PM
delta-BHC	ND	1.0		µg/Kg	1	12/11/2007 09:49 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

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

Advanced Technology Laboratories

ANALYTICAL RESULTS
Print Date: *17-Dec-07*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	Composite DPRR-3-1.0,4.0,7.5,10
Lab Order:	095811	**Collection Date:**	12/7/2007
Project:	I-80 SI, S9300-06-08	**Matrix:**	SOIL
Lab ID:	095811-031A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD						
EPA 3550B				**EPA 8081A**		
RunID: GC10_071211A	QC Batch: 41991			PrepDate:	12/11/2007	Analyst: **VLT**
Dieldrin	ND	2.0		µg/Kg	1	12/11/2007 09:49 PM
Endosulfan I	ND	1.0		µg/Kg	1	12/11/2007 09:49 PM
Endosulfan II	ND	2.0		µg/Kg	1	12/11/2007 09:49 PM
Endosulfan sulfate	ND	2.0		µg/Kg	1	12/11/2007 09:49 PM
Endrin	ND	2.0		µg/Kg	1	12/11/2007 09:49 PM
Endrin aldehyde	ND	2.0		µg/Kg	1	12/11/2007 09:49 PM
Endrin ketone	ND	2.0		µg/Kg	1	12/11/2007 09:49 PM
gamma-BHC	ND	1.0		µg/Kg	1	12/11/2007 09:49 PM
gamma-Chlordane	ND	1.0		µg/Kg	1	12/11/2007 09:49 PM
Heptachlor	ND	1.0		µg/Kg	1	12/11/2007 09:49 PM
Heptachlor epoxide	ND	1.0		µg/Kg	1	12/11/2007 09:49 PM
Methoxychlor	ND	8.5		µg/Kg	1	12/11/2007 09:49 PM
Toxaphene	ND	85		µg/Kg	1	12/11/2007 09:49 PM
Surr: Decachlorobiphenyl	60.1	31-132		%REC	1	12/11/2007 09:49 PM
Surr: Tetrachloro-m-xylene	60.9	34-106		%REC	1	12/11/2007 09:49 PM
PCBS BY GC/ECD						
EPA 3550B				**EPA 8082**		
RunID: GC4_071211A	QC Batch: 41991			PrepDate:	12/11/2007	Analyst: **VLT**
Aroclor 1016	ND	16		µg/Kg	1	12/11/2007 09:16 PM
Aroclor 1221	ND	33		µg/Kg	1	12/11/2007 09:16 PM
Aroclor 1232	ND	16		µg/Kg	1	12/11/2007 09:16 PM
Aroclor 1242	ND	16		µg/Kg	1	12/11/2007 09:16 PM
Aroclor 1248	ND	16		µg/Kg	1	12/11/2007 09:16 PM
Aroclor 1254	ND	16		µg/Kg	1	12/11/2007 09:16 PM
Aroclor 1260	ND	16		µg/Kg	1	12/11/2007 09:16 PM
Aroclor 1262	ND	16		µg/Kg	1	12/11/2007 09:16 PM
Aroclor 1268	ND	16		µg/Kg	1	12/11/2007 09:16 PM
Surr: Decachlorobiphenyl	74.6	41-127		%REC	1	12/11/2007 09:16 PM
Surr: Tetrachloro-m-xylene	85.3	54-127		%REC	1	12/11/2007 09:16 PM
MERCURY BY COLD VAPOR TECHNIQUE						
EPA 7471				**EPA 7471A**		
RunID: AA5_071212C	QC Batch: 41987			PrepDate:	12/11/2007	Analyst: **LKN**
Mercury	ND	0.10		mg/Kg	1	12/12/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

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

Advanced Technology Laboratories

ANALYTICAL RESULTS
Print Date: *17-Dec-07*

CLIENT: Geocon Consultants, Inc.
Lab Order: 095811
Project: I-80 SI, S9300-06-08
Lab ID: 095811-032A

Client Sample ID: Composite DPRR-4-1.0,4.5,6.0,10
Collection Date: 12/7/2007
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
EPA 3050B			**EPA 6010B**			
RunID: ICP8_071212A	QC Batch: 41986				PrepDate: 12/11/2007	Analyst: **HF**
Antimony	ND	2.0		mg/Kg	1	12/12/2007 12:48 PM
Arsenic	2.7	1.0		mg/Kg	1	12/12/2007 12:48 PM
Barium	89	1.0		mg/Kg	1	12/12/2007 12:48 PM
Beryllium	ND	1.0		mg/Kg	1	12/12/2007 12:48 PM
Cadmium	1.5	1.0		mg/Kg	1	12/12/2007 12:48 PM
Chromium	38	1.0		mg/Kg	1	12/12/2007 12:48 PM
Cobalt	8.2	1.0		mg/Kg	1	12/12/2007 12:48 PM
Copper	16	2.0		mg/Kg	1	12/12/2007 12:48 PM
Lead	23	1.0		mg/Kg	1	12/12/2007 12:48 PM
Molybdenum	ND	1.0		mg/Kg	1	12/12/2007 12:48 PM
Nickel	23	1.0		mg/Kg	1	12/12/2007 12:48 PM
Selenium	ND	1.0		mg/Kg	1	12/12/2007 12:48 PM
Silver	ND	1.0		mg/Kg	1	12/12/2007 12:48 PM
Thallium	ND	1.0		mg/Kg	1	12/12/2007 12:48 PM
Vanadium	38	1.0		mg/Kg	1	12/12/2007 12:48 PM
Zinc	35	1.0		mg/Kg	1	12/12/2007 12:48 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3550B			**EPA 8015B(M)**			
RunID: GC3_071210D	QC Batch: 42015				PrepDate: 12/11/2007	Analyst: **CBR**
DRO	20	1.0		mg/Kg	1	12/12/2007 11:29 AM
ORO	46	1.0		mg/Kg	1	12/12/2007 11:29 AM
Surr: p-Terphenyl	21.1	26-127	S	%REC	1	12/12/2007 11:29 AM
ORGANOCHLORINE PESTICIDES BY GC/ECD						
EPA 3550B			**EPA 8081A**			
RunID: GC10_071211A	QC Batch: 41991				PrepDate: 12/11/2007	Analyst: **VLT**
4,4'-DDD	ND	20		µg/Kg	10	12/11/2007 11:13 PM
4,4'-DDE	ND	20		µg/Kg	10	12/11/2007 11:13 PM
4,4'-DDT	ND	20		µg/Kg	10	12/11/2007 11:13 PM
Aldrin	ND	10		µg/Kg	10	12/11/2007 11:13 PM
alpha-BHC	ND	10		µg/Kg	10	12/11/2007 11:13 PM
alpha-Chlordane	ND	10		µg/Kg	10	12/11/2007 11:13 PM
beta-BHC	ND	10		µg/Kg	10	12/11/2007 11:13 PM
Chlordane	ND	85		µg/Kg	10	12/11/2007 11:13 PM
delta-BHC	ND	10		µg/Kg	10	12/11/2007 11:13 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out
- E Value above quantitation range
- ND Not Detected at the Reporting Limit

Results are wet unless otherwise specified

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

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: *17-Dec-07*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	Composite DPRR-4-1.0,4.5,6.0,10
Lab Order:	095811	**Collection Date:**	12/7/2007
Project:	I-80 SI, S9300-06-08	**Matrix:**	SOIL
Lab ID:	095811-032A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD						
EPA 3550B				**EPA 8081A**		
RunID: GC10_071211A	QC Batch: 41991				PrepDate: 12/11/2007	Analyst: **VLT**
Dieldrin	ND	20		µg/Kg	10	12/11/2007 11:13 PM
Endosulfan I	ND	10		µg/Kg	10	12/11/2007 11:13 PM
Endosulfan II	ND	20		µg/Kg	10	12/11/2007 11:13 PM
Endosulfan sulfate	ND	20		µg/Kg	10	12/11/2007 11:13 PM
Endrin	ND	20		µg/Kg	10	12/11/2007 11:13 PM
Endrin aldehyde	ND	20		µg/Kg	10	12/11/2007 11:13 PM
Endrin ketone	ND	20		µg/Kg	10	12/11/2007 11:13 PM
gamma-BHC	ND	10		µg/Kg	10	12/11/2007 11:13 PM
gamma-Chlordane	ND	10		µg/Kg	10	12/11/2007 11:13 PM
Heptachlor	ND	10		µg/Kg	10	12/11/2007 11:13 PM
Heptachlor epoxide	ND	10		µg/Kg	10	12/11/2007 11:13 PM
Methoxychlor	ND	85		µg/Kg	10	12/11/2007 11:13 PM
Toxaphene	ND	850		µg/Kg	10	12/11/2007 11:13 PM
Surr: Decachlorobiphenyl	65.3	31-132		%REC	10	12/11/2007 11:13 PM
Surr: Tetrachloro-m-xylene	48.2	34-106		%REC	10	12/11/2007 11:13 PM
PCBS BY GC/ECD						
EPA 3550B				**EPA 8082**		
RunID: GC4_071211A	QC Batch: 41991				PrepDate: 12/11/2007	Analyst: **VLT**
Aroclor 1016	ND	16		µg/Kg	1	12/11/2007 09:46 PM
Aroclor 1221	ND	33		µg/Kg	1	12/11/2007 09:46 PM
Aroclor 1232	ND	16		µg/Kg	1	12/11/2007 09:46 PM
Aroclor 1242	ND	16		µg/Kg	1	12/11/2007 09:46 PM
Aroclor 1248	ND	16		µg/Kg	1	12/11/2007 09:46 PM
Aroclor 1254	ND	16		µg/Kg	1	12/11/2007 09:46 PM
Aroclor 1260	ND	16		µg/Kg	1	12/11/2007 09:46 PM
Aroclor 1262	ND	16		µg/Kg	1	12/11/2007 09:46 PM
Aroclor 1268	ND	16		µg/Kg	1	12/11/2007 09:46 PM
Surr: Decachlorobiphenyl	53.7	41-127		%REC	1	12/11/2007 09:46 PM
Surr: Tetrachloro-m-xylene	67.6	54-127		%REC	1	12/11/2007 09:46 PM
MERCURY BY COLD VAPOR TECHNIQUE						
EPA 7471				**EPA 7471A**		
RunID: AA5_071212C	QC Batch: 41987				PrepDate: 12/11/2007	Analyst: **LKN**
Mercury	ND	0.10		mg/Kg	1	12/12/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

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

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: *17-Dec-07*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	Composite DPRR-5-1.0,4.0
Lab Order:	095811	**Collection Date:**	12/7/2007
Project:	I-80 SI, S9300-06-08	**Matrix:**	SOIL
Lab ID:	095811-033A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
EPA 3050B			**EPA 6010B**			
RunID: ICP8_071212A	QC Batch: 41986			PrepDate:	12/11/2007	Analyst: **HF**
Antimony	ND	2.0		mg/Kg	1	12/12/2007 12:52 PM
Arsenic	ND	1.0		mg/Kg	1	12/12/2007 12:52 PM
Barium	170	1.0		mg/Kg	1	12/12/2007 12:52 PM
Beryllium	ND	1.0		mg/Kg	1	12/12/2007 12:52 PM
Cadmium	ND	1.0		mg/Kg	1	12/12/2007 12:52 PM
Chromium	27	1.0		mg/Kg	1	12/12/2007 12:52 PM
Cobalt	7.8	1.0		mg/Kg	1	12/12/2007 12:52 PM
Copper	12	2.0		mg/Kg	1	12/12/2007 12:52 PM
Lead	2.8	1.0		mg/Kg	1	12/12/2007 12:52 PM
Molybdenum	ND	1.0		mg/Kg	1	12/12/2007 12:52 PM
Nickel	20	1.0		mg/Kg	1	12/12/2007 12:52 PM
Selenium	ND	1.0		mg/Kg	1	12/12/2007 12:52 PM
Silver	ND	1.0		mg/Kg	1	12/12/2007 12:52 PM
Thallium	ND	1.0		mg/Kg	1	12/12/2007 12:52 PM
Vanadium	32	1.0		mg/Kg	1	12/12/2007 12:52 PM
Zinc	22	1.0		mg/Kg	1	12/12/2007 12:52 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3550B			**EPA 8015B(M)**			
RunID: GC3_071210D	QC Batch: 42015			PrepDate:	12/11/2007	Analyst: **CBR**
DRO	1.7	1.0		mg/Kg	1	12/12/2007 05:19 AM
ORO	3.6	1.0		mg/Kg	1	12/12/2007 05:19 AM
Surr: p-Terphenyl	61.4	26-127		%REC	1	12/12/2007 05:19 AM
ORGANOCHLORINE PESTICIDES BY GC/ECD						
EPA 3550B			**EPA 8081A**			
RunID: GC10_071211A	QC Batch: 41991			PrepDate:	12/11/2007	Analyst: **VLT**
4,4'-DDD	ND	2.0		µg/Kg	1	12/11/2007 10:31 PM
4,4'-DDE	ND	2.0		µg/Kg	1	12/11/2007 10:31 PM
4,4'-DDT	ND	2.0		µg/Kg	1	12/11/2007 10:31 PM
Aldrin	ND	1.0		µg/Kg	1	12/11/2007 10:31 PM
alpha-BHC	ND	1.0		µg/Kg	1	12/11/2007 10:31 PM
alpha-Chlordane	ND	1.0		µg/Kg	1	12/11/2007 10:31 PM
beta-BHC	ND	1.0		µg/Kg	1	12/11/2007 10:31 PM
Chlordane	ND	8.5		µg/Kg	1	12/11/2007 10:31 PM
delta-BHC	ND	1.0		µg/Kg	1	12/11/2007 10:31 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

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

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: *17-Dec-07*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	Composite DPRR-5-1.0,4.0
Lab Order:	095811	**Collection Date:**	12/7/2007
Project:	I-80 SI, S9300-06-08	**Matrix:**	SOIL
Lab ID:	095811-033A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD						
EPA 3550B				**EPA 8081A**		
RunID: GC10_071211A	QC Batch: 41991			PrepDate:	12/11/2007	Analyst: **VLT**
Dieldrin	ND	2.0		µg/Kg	1	12/11/2007 10:31 PM
Endosulfan I	ND	1.0		µg/Kg	1	12/11/2007 10:31 PM
Endosulfan II	ND	2.0		µg/Kg	1	12/11/2007 10:31 PM
Endosulfan sulfate	ND	2.0		µg/Kg	1	12/11/2007 10:31 PM
Endrin	ND	2.0		µg/Kg	1	12/11/2007 10:31 PM
Endrin aldehyde	ND	2.0		µg/Kg	1	12/11/2007 10:31 PM
Endrin ketone	ND	2.0		µg/Kg	1	12/11/2007 10:31 PM
gamma-BHC	ND	1.0		µg/Kg	1	12/11/2007 10:31 PM
gamma-Chlordane	ND	1.0		µg/Kg	1	12/11/2007 10:31 PM
Heptachlor	ND	1.0		µg/Kg	1	12/11/2007 10:31 PM
Heptachlor epoxide	ND	1.0		µg/Kg	1	12/11/2007 10:31 PM
Methoxychlor	ND	8.5		µg/Kg	1	12/11/2007 10:31 PM
Toxaphene	ND	85		µg/Kg	1	12/11/2007 10:31 PM
Surr: Decachlorobiphenyl	63.0	31-132		%REC	1	12/11/2007 10:31 PM
Surr: Tetrachloro-m-xylene	66.9	34-106		%REC	1	12/11/2007 10:31 PM
PCBS BY GC/ECD						
EPA 3550B				**EPA 8082**		
RunID: GC4_071211A	QC Batch: 41991			PrepDate:	12/11/2007	Analyst: **VLT**
Aroclor 1016	ND	16		µg/Kg	1	12/11/2007 10:15 PM
Aroclor 1221	ND	33		µg/Kg	1	12/11/2007 10:15 PM
Aroclor 1232	ND	16		µg/Kg	1	12/11/2007 10:15 PM
Aroclor 1242	ND	16		µg/Kg	1	12/11/2007 10:15 PM
Aroclor 1248	ND	16		µg/Kg	1	12/11/2007 10:15 PM
Aroclor 1254	ND	16		µg/Kg	1	12/11/2007 10:15 PM
Aroclor 1260	ND	16		µg/Kg	1	12/11/2007 10:15 PM
Aroclor 1262	ND	16		µg/Kg	1	12/11/2007 10:15 PM
Aroclor 1268	ND	16		µg/Kg	1	12/11/2007 10:15 PM
Surr: Decachlorobiphenyl	66.9	41-127		%REC	1	12/11/2007 10:15 PM
Surr: Tetrachloro-m-xylene	78.3	54-127		%REC	1	12/11/2007 10:15 PM
MERCURY BY COLD VAPOR TECHNIQUE						
EPA 7471				**EPA 7471A**		
RunID: AA5_071212C	QC Batch: 41987			PrepDate:	12/11/2007	Analyst: **LKN**
Mercury	ND	0.10		mg/Kg	1	12/12/2007

Qualifiers:

B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out
E	Value above quantitation range
ND	Not Detected at the Reporting Limit

Results are wet unless otherwise specified

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

Advanced Technology Laboratories

ANALYTICAL RESULTS
Print Date: *17-Dec-07*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	Composite DPRR-6-1.0,4.0,7.0,10
Lab Order:	095811	**Collection Date:**	12/7/2007
Project:	I-80 SI, S9300-06-08	**Matrix:**	SOIL
Lab ID:	095811-034A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP8_071212A	QC Batch: 41986			PrepDate:	12/11/2007	Analyst: **HF**
Antimony	ND	2.0		mg/Kg	1	12/12/2007 12:56 PM
Arsenic	1.6	1.0		mg/Kg	1	12/12/2007 12:56 PM
Barium	200	1.0		mg/Kg	1	12/12/2007 12:56 PM
Beryllium	ND	1.0		mg/Kg	1	12/12/2007 12:56 PM
Cadmium	ND	1.0		mg/Kg	1	12/12/2007 12:56 PM
Chromium	33	1.0		mg/Kg	1	12/12/2007 12:56 PM
Cobalt	9.1	1.0		mg/Kg	1	12/12/2007 12:56 PM
Copper	18	2.0		mg/Kg	1	12/12/2007 12:56 PM
Lead	4.0	1.0		mg/Kg	1	12/12/2007 12:56 PM
Molybdenum	ND	1.0		mg/Kg	1	12/12/2007 12:56 PM
Nickel	25	1.0		mg/Kg	1	12/12/2007 12:56 PM
Selenium	ND	1.0		mg/Kg	1	12/12/2007 12:56 PM
Silver	ND	1.0		mg/Kg	1	12/12/2007 12:56 PM
Thallium	ND	1.0		mg/Kg	1	12/12/2007 12:56 PM
Vanadium	45	1.0		mg/Kg	1	12/12/2007 12:56 PM
Zinc	30	1.0		mg/Kg	1	12/12/2007 12:56 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	EPA 3550B			**EPA 8015B(M)**		
RunID: GC3_071210D	QC Batch: 42015			PrepDate:	12/11/2007	Analyst: **CBR**
DRO	1.7	1.0		mg/Kg	1	12/12/2007 04:54 AM
ORO	3.0	1.0		mg/Kg	1	12/12/2007 04:54 AM
Surr: p-Terphenyl	86.1	26-127		%REC	1	12/12/2007 04:54 AM
ORGANOCHLORINE PESTICIDES BY GC/ECD						
	EPA 3550B			**EPA 8081A**		
RunID: GC10_071211A	QC Batch: 41991			PrepDate:	12/11/2007	Analyst: **VLT**
4,4'-DDD	ND	2.0		µg/Kg	1	12/11/2007 08:05 PM
4,4'-DDE	ND	2.0		µg/Kg	1	12/11/2007 08:05 PM
4,4'-DDT	ND	2.0		µg/Kg	1	12/11/2007 08:05 PM
Aldrin	ND	1.0		µg/Kg	1	12/11/2007 08:05 PM
alpha-BHC	ND	1.0		µg/Kg	1	12/11/2007 08:05 PM
alpha-Chlordane	ND	1.0		µg/Kg	1	12/11/2007 08:05 PM
beta-BHC	ND	1.0		µg/Kg	1	12/11/2007 08:05 PM
Chlordane	ND	8.5		µg/Kg	1	12/11/2007 08:05 PM
delta-BHC	ND	1.0		µg/Kg	1	12/11/2007 08:05 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

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

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: *17-Dec-07*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	Composite DPRR-6-1.0,4.0,7.0,10
Lab Order:	095811	**Collection Date:**	12/7/2007
Project:	I-80 SI, S9300-06-08	**Matrix:**	SOIL
Lab ID:	095811-034A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD						
EPA 3550B				**EPA 8081A**		
RunID: GC10_071211A	QC Batch: 41991				PrepDate: 12/11/2007	Analyst: **VLT**
Dieldrin	ND	2.0		µg/Kg	1	12/11/2007 08:05 PM
Endosulfan I	ND	1.0		µg/Kg	1	12/11/2007 08:05 PM
Endosulfan II	ND	2.0		µg/Kg	1	12/11/2007 08:05 PM
Endosulfan sulfate	ND	2.0		µg/Kg	1	12/11/2007 08:05 PM
Endrin	ND	2.0		µg/Kg	1	12/11/2007 08:05 PM
Endrin aldehyde	ND	2.0		µg/Kg	1	12/11/2007 08:05 PM
Endrin ketone	ND	2.0		µg/Kg	1	12/11/2007 08:05 PM
gamma-BHC	ND	1.0		µg/Kg	1	12/11/2007 08:05 PM
gamma-Chlordane	ND	1.0		µg/Kg	1	12/11/2007 08:05 PM
Heptachlor	ND	1.0		µg/Kg	1	12/11/2007 08:05 PM
Heptachlor epoxide	ND	1.0		µg/Kg	1	12/11/2007 08:05 PM
Methoxychlor	ND	8.5		µg/Kg	1	12/11/2007 08:05 PM
Toxaphene	ND	85		µg/Kg	1	12/11/2007 08:05 PM
Surr: Decachlorobiphenyl	63.7	31-132		%REC	1	12/11/2007 08:05 PM
Surr: Tetrachloro-m-xylene	66.3	34-106		%REC	1	12/11/2007 08:05 PM
PCBS BY GC/ECD						
EPA 3550B				**EPA 8082**		
RunID: GC4_071211A	QC Batch: 41991				PrepDate: 12/11/2007	Analyst: **VLT**
Aroclor 1016	ND	16		µg/Kg	1	12/11/2007 06:17 PM
Aroclor 1221	ND	33		µg/Kg	1	12/11/2007 06:17 PM
Aroclor 1232	ND	16		µg/Kg	1	12/11/2007 06:17 PM
Aroclor 1242	ND	16		µg/Kg	1	12/11/2007 06:17 PM
Aroclor 1248	ND	16		µg/Kg	1	12/11/2007 06:17 PM
Aroclor 1254	ND	16		µg/Kg	1	12/11/2007 06:17 PM
Aroclor 1260	ND	16		µg/Kg	1	12/11/2007 06:17 PM
Aroclor 1262	ND	16		µg/Kg	1	12/11/2007 06:17 PM
Aroclor 1268	ND	16		µg/Kg	1	12/11/2007 06:17 PM
Surr: Decachlorobiphenyl	73.9	41-127		%REC	1	12/11/2007 06:17 PM
Surr: Tetrachloro-m-xylene	82.5	54-127		%REC	1	12/11/2007 06:17 PM
MERCURY BY COLD VAPOR TECHNIQUE						
EPA 7471				**EPA 7471A**		
RunID: AA5_071212C	QC Batch: 41987				PrepDate: 12/11/2007	Analyst: **LKN**
Mercury	ND	0.10		mg/Kg	1	12/12/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

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

Advanced Technology Laboratories

ANALYTICAL RESULTS
Print Date: *17-Dec-07*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	Composite DPRR-7-1.0,4.0,7.0
Lab Order:	095811	**Collection Date:**	12/7/2007
Project:	I-80 SI, S9300-06-08	**Matrix:**	SOIL
Lab ID:	095811-035A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP8_071212A	QC Batch: 41986			PrepDate:	12/11/2007	Analyst: **HF**
Antimony	ND	2.0		mg/Kg	1	12/12/2007 01:02 PM
Arsenic	2.2	1.0		mg/Kg	1	12/12/2007 01:02 PM
Barium	170	1.0		mg/Kg	1	12/12/2007 01:02 PM
Beryllium	ND	1.0		mg/Kg	1	12/12/2007 01:02 PM
Cadmium	ND	1.0		mg/Kg	1	12/12/2007 01:02 PM
Chromium	29	1.0		mg/Kg	1	12/12/2007 01:02 PM
Cobalt	8.6	1.0		mg/Kg	1	12/12/2007 01:02 PM
Copper	15	2.0		mg/Kg	1	12/12/2007 01:02 PM
Lead	5.0	1.0		mg/Kg	1	12/12/2007 01:02 PM
Molybdenum	ND	1.0		mg/Kg	1	12/12/2007 01:02 PM
Nickel	23	1.0		mg/Kg	1	12/12/2007 01:02 PM
Selenium	ND	1.0		mg/Kg	1	12/12/2007 01:02 PM
Silver	ND	1.0		mg/Kg	1	12/12/2007 01:02 PM
Thallium	ND	1.0		mg/Kg	1	12/12/2007 01:02 PM
Vanadium	46	1.0		mg/Kg	1	12/12/2007 01:02 PM
Zinc	28	1.0		mg/Kg	1	12/12/2007 01:02 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
	EPA 3550B			**EPA 8015B(M)**		
RunID: GC3_071210D	QC Batch: 42015			PrepDate:	12/11/2007	Analyst: **CBR**
DRO	1.3	1.0		mg/Kg	1	12/12/2007 05:43 AM
ORO	2.3	1.0		mg/Kg	1	12/12/2007 05:43 AM
Surr: p-Terphenyl	70.3	26-127		%REC	1	12/12/2007 05:43 AM
ORGANOCHLORINE PESTICIDES BY GC/ECD						
	EPA 3550B			**EPA 8081A**		
RunID: GC10_071211A	QC Batch: 41991			PrepDate:	12/11/2007	Analyst: **VLT**
4,4'-DDD	ND	2.0		µg/Kg	1	12/11/2007 08:26 PM
4,4'-DDE	ND	2.0		µg/Kg	1	12/11/2007 08:26 PM
4,4'-DDT	ND	2.0		µg/Kg	1	12/11/2007 08:26 PM
Aldrin	ND	1.0		µg/Kg	1	12/11/2007 08:26 PM
alpha-BHC	ND	1.0		µg/Kg	1	12/11/2007 08:26 PM
alpha-Chlordane	ND	1.0		µg/Kg	1	12/11/2007 08:26 PM
beta-BHC	ND	1.0		µg/Kg	1	12/11/2007 08:26 PM
Chlordane	ND	8.5		µg/Kg	1	12/11/2007 08:26 PM
delta-BHC	ND	1.0		µg/Kg	1	12/11/2007 08:26 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

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

Advanced Technology Laboratories

ANALYTICAL RESULTS
Print Date: *17-Dec-07*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	Composite DPRR-7-1.0,4.0,7.0
Lab Order:	095811	**Collection Date:**	12/7/2007
Project:	I-80 SI, S9300-06-08	**Matrix:**	SOIL
Lab ID:	095811-035A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD						
EPA 3550B				**EPA 8081A**		
RunID: GC10_071211A	QC Batch: 41991				PrepDate: 12/11/2007	Analyst: **VLT**
Dieldrin	ND	2.0		µg/Kg	1	12/11/2007 08:26 PM
Endosulfan I	ND	1.0		µg/Kg	1	12/11/2007 08:26 PM
Endosulfan II	ND	2.0		µg/Kg	1	12/11/2007 08:26 PM
Endosulfan sulfate	ND	2.0		µg/Kg	1	12/11/2007 08:26 PM
Endrin	ND	2.0		µg/Kg	1	12/11/2007 08:26 PM
Endrin aldehyde	ND	2.0		µg/Kg	1	12/11/2007 08:26 PM
Endrin ketone	ND	2.0		µg/Kg	1	12/11/2007 08:26 PM
gamma-BHC	ND	1.0		µg/Kg	1	12/11/2007 08:26 PM
gamma-Chlordane	ND	1.0		µg/Kg	1	12/11/2007 08:26 PM
Heptachlor	ND	1.0		µg/Kg	1	12/11/2007 08:26 PM
Heptachlor epoxide	ND	1.0		µg/Kg	1	12/11/2007 08:26 PM
Methoxychlor	ND	8.5		µg/Kg	1	12/11/2007 08:26 PM
Toxaphene	ND	85		µg/Kg	1	12/11/2007 08:26 PM
Surr: Decachlorobiphenyl	59.9	31-132		%REC	1	12/11/2007 08:26 PM
Surr: Tetrachloro-m-xylene	59.8	34-106		%REC	1	12/11/2007 08:26 PM
PCBS BY GC/ECD						
EPA 3550B				**EPA 8082**		
RunID: GC4_071211A	QC Batch: 41991				PrepDate: 12/11/2007	Analyst: **VLT**
Aroclor 1016	ND	16		µg/Kg	1	12/11/2007 07:46 PM
Aroclor 1221	ND	33		µg/Kg	1	12/11/2007 07:46 PM
Aroclor 1232	ND	16		µg/Kg	1	12/11/2007 07:46 PM
Aroclor 1242	ND	16		µg/Kg	1	12/11/2007 07:46 PM
Aroclor 1248	ND	16		µg/Kg	1	12/11/2007 07:46 PM
Aroclor 1254	ND	16		µg/Kg	1	12/11/2007 07:46 PM
Aroclor 1260	ND	16		µg/Kg	1	12/11/2007 07:46 PM
Aroclor 1262	ND	16		µg/Kg	1	12/11/2007 07:46 PM
Aroclor 1268	ND	16		µg/Kg	1	12/11/2007 07:46 PM
Surr: Decachlorobiphenyl	76.3	41-127		%REC	1	12/11/2007 07:46 PM
Surr: Tetrachloro-m-xylene	87.9	54-127		%REC	1	12/11/2007 07:46 PM
MERCURY BY COLD VAPOR TECHNIQUE						
EPA 7471				**EPA 7471A**		
RunID: AA5_071212C	QC Batch: 41987				PrepDate: 12/11/2007	Analyst: **LKN**
Mercury	ND	0.10		mg/Kg	1	12/12/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

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

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: *17-Dec-07*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	Composite DPRR-7-1.0,4.0,7.0
Lab Order:	095811	**Collection Date:**	12/7/2007
Project:	I-80 SI, S9300-06-08	**Matrix:**	SOIL
Lab ID:	095811-035A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
PH						
				EPA 9045C		
RunID: WETCHEM_071211D	QC Batch: R88346			PrepDate:		Analyst: **CC**
pH	8.4	0.10		pH Units	1	12/11/2007

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

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

Advanced Technology Laboratories

ANALYTICAL RESULTS
Print Date: *17-Dec-07*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	Composite DPRR-8-1.0,4.0,7.0
Lab Order:	095811	**Collection Date:**	12/7/2007
Project:	I-80 SI, S9300-06-08	**Matrix:**	SOIL
Lab ID:	095811-036A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
EPA 3050B			**EPA 6010B**			
RunID: ICP8_071212A	QC Batch: 41986			PrepDate:	12/11/2007	Analyst: **HF**
Antimony	ND	2.0		mg/Kg	1	12/12/2007 01:17 PM
Arsenic	2.4	1.0		mg/Kg	1	12/12/2007 01:17 PM
Barium	180	1.0		mg/Kg	1	12/12/2007 01:17 PM
Beryllium	ND	1.0		mg/Kg	1	12/12/2007 01:17 PM
Cadmium	ND	1.0		mg/Kg	1	12/12/2007 01:17 PM
Chromium	33	1.0		mg/Kg	1	12/12/2007 01:17 PM
Cobalt	10	1.0		mg/Kg	1	12/12/2007 01:17 PM
Copper	20	2.0		mg/Kg	1	12/12/2007 01:17 PM
Lead	5.8	1.0		mg/Kg	1	12/12/2007 01:17 PM
Molybdenum	ND	1.0		mg/Kg	1	12/12/2007 01:17 PM
Nickel	26	1.0		mg/Kg	1	12/12/2007 01:17 PM
Selenium	ND	1.0		mg/Kg	1	12/12/2007 01:17 PM
Silver	ND	1.0		mg/Kg	1	12/12/2007 01:17 PM
Thallium	ND	1.0		mg/Kg	1	12/12/2007 01:17 PM
Vanadium	50	1.0		mg/Kg	1	12/12/2007 01:17 PM
Zinc	33	1.0		mg/Kg	1	12/12/2007 01:17 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID						
EPA 3550B			**EPA 8015B(M)**			
RunID: GC8_BACK_071213C	QC Batch: 42097			PrepDate:	12/13/2007	Analyst: **JNV**
DRO	1.6	1.0		mg/Kg	1	12/14/2007 05:18 AM
ORO	1.6	1.0		mg/Kg	1	12/14/2007 05:18 AM
Surr: p-Terphenyl	77.7	26-127		%REC	1	12/14/2007 05:18 AM
ORGANOCHLORINE PESTICIDES BY GC/ECD						
EPA 3550B			**EPA 8081A**			
RunID: GC10_071211A	QC Batch: 41991			PrepDate:	12/11/2007	Analyst: **VLT**
4,4'-DDD	ND	2.0		µg/Kg	1	12/11/2007 07:03 PM
4,4'-DDE	ND	2.0		µg/Kg	1	12/11/2007 07:03 PM
4,4'-DDT	ND	2.0		µg/Kg	1	12/11/2007 07:03 PM
Aldrin	ND	1.0		µg/Kg	1	12/11/2007 07:03 PM
alpha-BHC	ND	1.0		µg/Kg	1	12/11/2007 07:03 PM
alpha-Chlordane	ND	1.0		µg/Kg	1	12/11/2007 07:03 PM
beta-BHC	ND	1.0		µg/Kg	1	12/11/2007 07:03 PM
Chlordane	ND	8.5		µg/Kg	1	12/11/2007 07:03 PM
delta-BHC	ND	1.0		µg/Kg	1	12/11/2007 07:03 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

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

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: *17-Dec-07*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	Composite DPRR-8-1.0,4.0,7.0
Lab Order:	095811	**Collection Date:**	12/7/2007
Project:	I-80 SI, S9300-06-08	**Matrix:**	SOIL
Lab ID:	095811-036A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD						
EPA 3550B				**EPA 8081A**		
RunID: GC10_071211A	QC Batch: 41991				PrepDate: 12/11/2007	Analyst: **VLT**
Dieldrin	ND	2.0		µg/Kg	1	12/11/2007 07:03 PM
Endosulfan I	ND	1.0		µg/Kg	1	12/11/2007 07:03 PM
Endosulfan II	ND	2.0		µg/Kg	1	12/11/2007 07:03 PM
Endosulfan sulfate	ND	2.0		µg/Kg	1	12/11/2007 07:03 PM
Endrin	ND	2.0		µg/Kg	1	12/11/2007 07:03 PM
Endrin aldehyde	ND	2.0		µg/Kg	1	12/11/2007 07:03 PM
Endrin ketone	ND	2.0		µg/Kg	1	12/11/2007 07:03 PM
gamma-BHC	ND	1.0		µg/Kg	1	12/11/2007 07:03 PM
gamma-Chlordane	ND	1.0		µg/Kg	1	12/11/2007 07:03 PM
Heptachlor	ND	1.0		µg/Kg	1	12/11/2007 07:03 PM
Heptachlor epoxide	ND	1.0		µg/Kg	1	12/11/2007 07:03 PM
Methoxychlor	ND	8.5		µg/Kg	1	12/11/2007 07:03 PM
Toxaphene	ND	85		µg/Kg	1	12/11/2007 07:03 PM
Surr: Decachlorobiphenyl	62.8	31-132		%REC	1	12/11/2007 07:03 PM
Surr: Tetrachloro-m-xylene	67.4	34-106		%REC	1	12/11/2007 07:03 PM
PCBS BY GC/ECD						
EPA 3550B				**EPA 8082**		
RunID: GC4_071211A	QC Batch: 41991				PrepDate: 12/11/2007	Analyst: **VLT**
Aroclor 1016	ND	16		µg/Kg	1	12/11/2007 10:45 PM
Aroclor 1221	ND	33		µg/Kg	1	12/11/2007 10:45 PM
Aroclor 1232	ND	16		µg/Kg	1	12/11/2007 10:45 PM
Aroclor 1242	ND	16		µg/Kg	1	12/11/2007 10:45 PM
Aroclor 1248	ND	16		µg/Kg	1	12/11/2007 10:45 PM
Aroclor 1254	ND	16		µg/Kg	1	12/11/2007 10:45 PM
Aroclor 1260	ND	16		µg/Kg	1	12/11/2007 10:45 PM
Aroclor 1262	ND	16		µg/Kg	1	12/11/2007 10:45 PM
Aroclor 1268	ND	16		µg/Kg	1	12/11/2007 10:45 PM
Surr: Decachlorobiphenyl	69.5	41-127		%REC	1	12/11/2007 10:45 PM
Surr: Tetrachloro-m-xylene	79.1	54-127		%REC	1	12/11/2007 10:45 PM
MERCURY BY COLD VAPOR TECHNIQUE						
EPA 7471				**EPA 7471A**		
RunID: AA5_071212C	QC Batch: 41987				PrepDate: 12/11/2007	Analyst: **LKN**
Mercury	ND	0.10		mg/Kg	1	12/12/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

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

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

CLIENT: Geocon Consultants, Inc.
Work Order: 095811
Project: I-80 SI, S9300-06-08

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: **MB-41986** SampType: **MBLK** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **12/11/2007** RunNo: **88408**
Client ID: **PBS** Batch ID: **41986** TestNo: **EPA 6010B** **EPA 3050B** Analysis Date: **12/12/2007** SeqNo: **1347894**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0									
Arsenic	ND	1.0									
Barium	ND	1.0									
Beryllium	ND	1.0									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Cobalt	ND	1.0									
Copper	ND	2.0									
Lead	ND	1.0									
Molybdenum	ND	1.0									
Nickel	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									
Thallium	ND	1.0									
Vanadium	ND	1.0									
Zinc	ND	1.0									

Sample ID: **LCS-41986** SampType: **LCS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **12/11/2007** RunNo: **88408**
Client ID: **LCSS** Batch ID: **41986** TestNo: **EPA 6010B** **EPA 3050B** Analysis Date: **12/12/2007** SeqNo: **1347895**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	46.849	2.0	50.00	0	93.7	80	120				
Arsenic	46.858	1.0	50.00	0	93.7	80	120				
Barium	46.874	1.0	50.00	0	93.7	80	120				
Beryllium	49.936	1.0	50.00	0	99.9	80	120				
Cadmium	48.855	1.0	50.00	0	97.7	80	120				
Chromium	50.340	1.0	50.00	0	101	80	120				
Cobalt	49.862	1.0	50.00	0	99.7	80	120				

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

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

CLIENT: Geocon Consultants, Inc.
Work Order: 095811
Project: I-80 SI, S9300-06-08

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: **LCS-41986** SampType: **LCS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **12/11/2007** RunNo: **88408**
Client ID: **LCSS** Batch ID: **41986** TestNo: **EPA 6010B** **EPA 3050B** Analysis Date: **12/12/2007** SeqNo: **1347895**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	48.691	2.0	50.00	0	97.4	80	120				
Lead	47.864	1.0	50.00	0	95.7	80	120				
Molybdenum	49.093	1.0	50.00	0	98.2	80	120				
Nickel	48.296	1.0	50.00	0	96.6	80	120				
Selenium	45.153	1.0	50.00	0	90.3	80	120				
Silver	43.660	1.0	50.00	0	87.3	80	120				
Thallium	48.301	1.0	50.00	0	96.6	80	120				
Vanadium	47.132	1.0	50.00	0	94.3	80	120				
Zinc	48.086	1.0	50.00	0	96.2	80	120				

Sample ID: **095811-036ADUP** SampType: **DUP** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **12/11/2007** RunNo: **88408**
Client ID: **Composite DPRR-8-** Batch ID: **41986** TestNo: **EPA 6010B** **EPA 3050B** Analysis Date: **12/12/2007** SeqNo: **1347904**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	1.273	2.0						1.330	0	20	
Arsenic	2.310	1.0						2.421	4.69	20	
Barium	251.422	1.0						179.6	33.3	20	R
Beryllium	0.165	1.0						0.1911	0	20	
Cadmium	0.358	1.0						0.3626	0	20	
Chromium	33.329	1.0						33.40	0.218	20	
Cobalt	8.821	1.0						9.993	12.5	20	
Copper	19.152	2.0						20.29	5.78	20	
Lead	6.264	1.0						5.842	6.98	20	
Molybdenum	ND	1.0						0	0	20	
Nickel	24.788	1.0						26.17	5.42	20	
Selenium	ND	1.0						0	0	20	
Silver	ND	1.0						0	0	20	
Thallium	ND	1.0						0	0	20	
Vanadium	50.092	1.0						50.27	0.360	20	
Zinc	33.840	1.0						32.91	2.78	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

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

CLIENT: Geocon Consultants, Inc.
Work Order: 095811
Project: I-80 SI, S9300-06-08

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: **095811-036AMS** SampType: **MS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **12/11/2007** RunNo: **88408**
Client ID: **Composite DPRR-8-** Batch ID: **41986** TestNo: **EPA 6010B** **EPA 3050B** Analysis Date: **12/12/2007** SeqNo: **1347905**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	81.045	2.0	125.0	1.330	63.8	24	110				
Arsenic	123.188	1.0	125.0	2.421	96.6	61	104				
Barium	354.362	1.0	125.0	179.6	140	35	135				S
Beryllium	123.657	1.0	125.0	0.1911	98.8	64	104				
Cadmium	116.101	1.0	125.0	0.3626	92.6	65	106				
Chromium	157.953	1.0	125.0	33.40	99.6	47	122				
Cobalt	126.878	1.0	125.0	9.993	93.5	55	111				
Copper	162.654	2.0	125.0	20.29	114	52	132				
Lead	119.643	1.0	125.0	5.842	91.0	37	128				
Molybdenum	116.797	1.0	125.0	0	93.4	58	108				
Nickel	143.417	1.0	125.0	26.17	93.8	48	120				
Selenium	109.962	1.0	125.0	0	88.0	57	105				
Silver	131.716	1.0	125.0	0	105	44	116				
Thallium	109.554	1.0	125.0	0	87.6	55	103				
Vanadium	184.040	1.0	125.0	50.27	107	57	116				
Zinc	154.074	1.0	125.0	32.91	96.9	41	120				

Sample ID: **095811-036AMSD** SampType: **MSD** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **12/11/2007** RunNo: **88408**
Client ID: **Composite DPRR-8-** Batch ID: **41986** TestNo: **EPA 6010B** **EPA 3050B** Analysis Date: **12/12/2007** SeqNo: **1347906**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	83.822	2.0	125.0	1.330	66.0	24	110	81.04	3.37	20	
Arsenic	120.343	1.0	125.0	2.421	94.3	61	104	123.2	2.34	20	
Barium	301.649	1.0	125.0	179.6	97.6	35	135	354.4	16.1	20	
Beryllium	117.629	1.0	125.0	0.1911	94.0	64	104	123.7	5.00	20	
Cadmium	109.734	1.0	125.0	0.3626	87.5	65	106	116.1	5.64	20	
Chromium	145.482	1.0	125.0	33.40	89.7	47	122	158.0	8.22	20	
Cobalt	120.366	1.0	125.0	9.993	88.3	55	111	126.9	5.27	20	
Copper	148.444	2.0	125.0	20.29	103	52	132	162.7	9.14	20	
Lead	112.263	1.0	125.0	5.842	85.1	37	128	119.6	6.36	20	

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

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

CLIENT: Geocon Consultants, Inc.
Work Order: 095811
Project: I-80 SI, S9300-06-08

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: **095811-036AMSD** SampType: **MSD** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **12/11/2007** RunNo: **88408**
Client ID: **Composite DPRR-8-** Batch ID: **41986** TestNo: **EPA 6010B** **EPA 3050B** Analysis Date: **12/12/2007** SeqNo: **1347906**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	111.415	1.0	125.0	0	89.1	58	108	116.8	4.72	20	
Nickel	135.688	1.0	125.0	26.17	87.6	48	120	143.4	5.54	20	
Selenium	105.773	1.0	125.0	0	84.6	57	105	110.0	3.88	20	
Silver	124.627	1.0	125.0	0	99.7	44	116	131.7	5.53	20	
Thallium	102.462	1.0	125.0	0	82.0	55	103	109.6	6.69	20	
Vanadium	168.584	1.0	125.0	50.27	94.6	57	116	184.0	8.77	20	
Zinc	144.682	1.0	125.0	32.91	89.4	41	120	154.1	6.29	20	

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

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

CLIENT: Geocon Consultants, Inc.
Work Order: 095811
Project: I-80 SI, S9300-06-08

ANALYTICAL QC SUMMARY REPORT

TestCode: 7471_S

Sample ID: **095811-036A-DUP** SampType: **DUP** TestCode: **7471_S** Units: **mg/Kg** Prep Date: **12/11/2007** RunNo: **88410**
Client ID: **Composite DPRR-8-** Batch ID: **41987** TestNo: **EPA 7471A** **EPA 7471** Analysis Date: **12/12/2007** SeqNo: **1347921**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.032	0.10						0.03032	0	20	

Sample ID: **095811-036A-MS** SampType: **MS** TestCode: **7471_S** Units: **mg/Kg** Prep Date: **12/11/2007** RunNo: **88410**
Client ID: **Composite DPRR-8-** Batch ID: **41987** TestNo: **EPA 7471A** **EPA 7471** Analysis Date: **12/12/2007** SeqNo: **1347922**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.874	0.10	0.8300	0.03032	102	58	168				

Sample ID: **095811-036A-MSD** SampType: **MSD** TestCode: **7471_S** Units: **mg/Kg** Prep Date: **12/11/2007** RunNo: **88410**
Client ID: **Composite DPRR-8-** Batch ID: **41987** TestNo: **EPA 7471A** **EPA 7471** Analysis Date: **12/12/2007** SeqNo: **1347923**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.896	0.10	0.8300	0.03032	104	58	168	0.8740	2.47	20	

Sample ID: **LCS-41987** SampType: **LCS** TestCode: **7471_S** Units: **mg/Kg** Prep Date: **12/11/2007** RunNo: **88410**
Client ID: **LCSS** Batch ID: **41987** TestNo: **EPA 7471A** **EPA 7471** Analysis Date: **12/12/2007** SeqNo: **1347924**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.946	0.10	0.8300	0	114	80	120				

Sample ID: **MB-41987** SampType: **MBLK** TestCode: **7471_S** Units: **mg/Kg** Prep Date: **12/11/2007** RunNo: **88410**
Client ID: **PBS** Batch ID: **41987** TestNo: **EPA 7471A** **EPA 7471** Analysis Date: **12/12/2007** SeqNo: **1347925**

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

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
  Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

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

CLIENT: Geocon Consultants, Inc.
Work Order: 095811
Project: I-80 SI, S9300-06-08

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM LL

Sample ID: **MB-42015** SampType: **MBLK** TestCode: **8015_S_DM L** Units: **mg/Kg** Prep Date: **12/11/2007** RunNo: **88402**
Client ID: **PBS** Batch ID: **42015** TestNo: **EPA 8015B(M EPA 3550B** Analysis Date: **12/12/2007** SeqNo: **1347782**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	ND	1.0									
ORO	ND	1.0									
Surr: p-Terphenyl	1.655		2.670		62.0	26	127				

Sample ID: **LCS-42015** SampType: **LCS** TestCode: **8015_S_DM L** Units: **mg/Kg** Prep Date: **12/11/2007** RunNo: **88402**
Client ID: **LCSS** Batch ID: **42015** TestNo: **EPA 8015B(M EPA 3550B** Analysis Date: **12/12/2007** SeqNo: **1347783**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	19.126	1.0	33.00	0	58.0	27	105				
Surr: p-Terphenyl	1.818		2.670		68.1	26	127				

Sample ID: **095811-030AMS** SampType: **MS** TestCode: **8015_S_DM L** Units: **mg/Kg** Prep Date: **12/11/2007** RunNo: **88402**
Client ID: **Composite DPRR-2-** Batch ID: **42015** TestNo: **EPA 8015B(M EPA 3550B** Analysis Date: **12/12/2007** SeqNo: **1347796**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	31.710	1.0	33.00	6.142	77.5	14	102				
Surr: p-Terphenyl	1.962		2.670		73.5	26	127				

Sample ID: **095811-030AMSD** SampType: **MSD** TestCode: **8015_S_DM L** Units: **mg/Kg** Prep Date: **12/11/2007** RunNo: **88402**
Client ID: **Composite DPRR-2-** Batch ID: **42015** TestNo: **EPA 8015B(M EPA 3550B** Analysis Date: **12/12/2007** SeqNo: **1347797**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	29.245	1.0	33.00	6.142	70.0	14	102	31.71	8.09	20	
Surr: p-Terphenyl	1.834		2.670		68.7	26	127		0	0	

Sample ID: **095811-030ADUP** SampType: **DUP** TestCode: **8015_S_DM L** Units: **mg/Kg** Prep Date: **12/11/2007** RunNo: **88402**
Client ID: **Composite DPRR-2-** Batch ID: **42015** TestNo: **EPA 8015B(M EPA 3550B** Analysis Date: **12/12/2007** SeqNo: **1347798**

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

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

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

CLIENT: Geocon Consultants, Inc.
Work Order: 095811
Project: I-80 SI, S9300-06-08

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM LL

Sample ID: **095811-030ADUP** SampType: **DUP** TestCode: **8015_S_DM L** Units: **mg/Kg** Prep Date: **12/11/2007** RunNo: **88402**
Client ID: **Composite DPRR-2-** Batch ID: **42015** TestNo: **EPA 8015B(M EPA 3550B** Analysis Date: **12/12/2007** SeqNo: **1347798**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	8.546	1.0						6.142	32.7	20	R
ORO	19.855	1.0						15.35	25.6	20	R
Surr: p-Terphenyl	1.967		2.670		73.7	26	127		0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

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

CLIENT: Geocon Consultants, Inc.
Work Order: 095811
Project: I-80 SI, S9300-06-08

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM LL

Sample ID: **MB-42097** SampType: **MBLK** TestCode: **8015_S_DM L** Units: **mg/Kg** Prep Date: **12/13/2007** RunNo: **88606**
Client ID: **PBS** Batch ID: **42097** TestNo: **EPA 8015B(M EPA 3550B** Analysis Date: **12/14/2007** SeqNo: **1351450**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	ND	1.0									
ORO	ND	1.0									
Surr: p-Terphenyl	2.480		2.670		92.9	26	127				

Sample ID: **LCS-42097** SampType: **LCS** TestCode: **8015_S_DM L** Units: **mg/Kg** Prep Date: **12/13/2007** RunNo: **88606**
Client ID: **LCSS** Batch ID: **42097** TestNo: **EPA 8015B(M EPA 3550B** Analysis Date: **12/14/2007** SeqNo: **1351451**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	27.519	1.0	33.00	0	83.4	27	105				
Surr: p-Terphenyl	2.662		2.670		99.7	26	127				

Sample ID: **095849-004ADUP** SampType: **DUP** TestCode: **8015_S_DM L** Units: **mg/Kg** Prep Date: **12/13/2007** RunNo: **88606**
Client ID: **ZZZZZZ** Batch ID: **42097** TestNo: **EPA 8015B(M EPA 3550B** Analysis Date: **12/14/2007** SeqNo: **1351453**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	ND	1.0						0	0	20	
ORO	ND	1.0						1.518	0	20	
Surr: p-Terphenyl	2.260		2.670		84.7	26	127		0	0	

Sample ID: **095849-004AMS** SampType: **MS** TestCode: **8015_S_DM L** Units: **mg/Kg** Prep Date: **12/13/2007** RunNo: **88606**
Client ID: **ZZZZZZ** Batch ID: **42097** TestNo: **EPA 8015B(M EPA 3550B** Analysis Date: **12/14/2007** SeqNo: **1351454**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	21.963	1.0	33.00	0	66.6	14	102				
Surr: p-Terphenyl	2.310		2.670		86.5	26	127				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

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

CLIENT: Geocon Consultants, Inc.
Work Order: 095811
Project: I-80 SI, S9300-06-08

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM LL

Sample ID: **095849-004AMSD** SampType: **MSD** TestCode: **8015_S_DM L** Units: **mg/Kg** Prep Date: **12/13/2007** RunNo: **88606**
Client ID: **ZZZZZZ** Batch ID: **42097** TestNo: **EPA 8015B(M EPA 3550B** Analysis Date: **12/14/2007** SeqNo: **1351455**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	21.260	1.0	33.00	0	64.4	14	102	21.96	3.25	20	
Surr: p-Terphenyl	2.201		2.670		82.4	26	127		0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

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

CLIENT: Geocon Consultants, Inc.
Work Order: 095811
Project: I-80 SI, S9300-06-08

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID: MB-41991	SampType: MBLK	TestCode: 8081_S	Units: µg/Kg	Prep Date: 12/11/2007	RunNo: 88372
Client ID: PBS	Batch ID: 41991	TestNo: EPA 8081A	EPA 3550B	Analysis Date: 12/11/2007	SeqNo: 1346930

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	2.0									
4,4'-DDE	ND	2.0									
4,4'-DDT	ND	2.0									
Aldrin	ND	1.0									
alpha-BHC	ND	1.0									
alpha-Chlordane	ND	1.0									
beta-BHC	ND	1.0									
Chlordane	ND	8.5									
delta-BHC	ND	1.0									
Dieldrin	ND	2.0									
Endosulfan I	ND	1.0									
Endosulfan II	ND	2.0									
Endosulfan sulfate	ND	2.0									
Endrin	ND	2.0									
Endrin aldehyde	ND	2.0									
Endrin ketone	ND	2.0									
gamma-BHC	ND	1.0									
gamma-Chlordane	ND	1.0									
Heptachlor	ND	1.0									
Heptachlor epoxide	ND	1.0									
Methoxychlor	ND	8.5									
Toxaphene	ND	85									
Surr: Tetrachloro-m-xylene	14.205		16.67		85.2	34	106				
Surr: Decachlorobiphenyl	13.265		16.67		79.6	31	132				

Sample ID: LCS-41991	SampType: LCS	TestCode: 8081_S	Units: µg/Kg	Prep Date: 12/11/2007	RunNo: 88372
Client ID: LCSS	Batch ID: 41991	TestNo: EPA 8081A	EPA 3550B	Analysis Date: 12/11/2007	SeqNo: 1346931

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aldrin	14.697	1.0	16.67	0	88.2	59	111				

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

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

CLIENT: Geocon Consultants, Inc.
Work Order: 095811
Project: I-80 SI, S9300-06-08

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID: **LCS-41991** SampType: **LCS** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **12/11/2007** RunNo: **88372**
Client ID: **LCSS** Batch ID: **41991** TestNo: **EPA 8081A** **EPA 3550B** Analysis Date: **12/11/2007** SeqNo: **1346931**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	14.490	2.0	16.67	0	86.9	57	105				
Endrin	14.979	2.0	16.67	0	89.9	52	139				
gamma-BHC	14.290	1.0	16.67	0	85.7	58	111				
Heptachlor	15.045	1.0	16.67	0	90.2	59	114				
Surr: Tetrachloro-m-xylene	13.544		16.67		81.2	34	106				
Surr: Decachlorobiphenyl	13.375		16.67		80.2	31	132				

Sample ID: **MB-41991MS** SampType: **MS** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **12/11/2007** RunNo: **88372**
Client ID: **ZZZZZZ** Batch ID: **41991** TestNo: **EPA 8081A** **EPA 3550B** Analysis Date: **12/11/2007** SeqNo: **1346932**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	14.015	2.0	16.67	0	84.1	33	122				
Aldrin	14.876	1.0	16.67	0	89.2	36	118				
Dieldrin	14.434	2.0	16.67	0	86.6	35	116				
Endrin	15.112	2.0	16.67	0	90.7	39	140				
gamma-BHC	14.448	1.0	16.67	0	86.7	34	117				
Heptachlor	15.233	1.0	16.67	0	91.4	37	121				
Surr: Tetrachloro-m-xylene	13.337		16.67		80.0	34	106				
Surr: Decachlorobiphenyl	12.871		16.67		77.2	31	132				

Sample ID: **MB-41991MSD** SampType: **MSD** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **12/11/2007** RunNo: **88372**
Client ID: **ZZZZZZ** Batch ID: **41991** TestNo: **EPA 8081A** **EPA 3550B** Analysis Date: **12/11/2007** SeqNo: **1346933**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	14.129	2.0	16.67	0	84.8	33	122	14.02	0.808	20	
Aldrin	14.759	1.0	16.67	0	88.5	36	118	14.88	0.791	20	
Dieldrin	14.642	2.0	16.67	0	87.8	35	116	14.43	1.43	20	
Endrin	15.187	2.0	16.67	0	91.1	39	140	15.11	0.492	20	
gamma-BHC	14.369	1.0	16.67	0	86.2	34	117	14.45	0.546	20	
Heptachlor	15.115	1.0	16.67	0	90.7	37	121	15.23	0.780	20	

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

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

CLIENT: Geocon Consultants, Inc.
Work Order: 095811
Project: I-80 SI, S9300-06-08

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID: **MB-41991MSD** SampType: **MSD** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **12/11/2007** RunNo: **88372**
Client ID: **ZZZZZZ** Batch ID: **41991** TestNo: **EPA 8081A** **EPA 3550B** Analysis Date: **12/11/2007** SeqNo: **1346933**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Tetrachloro-m-xylene	13.281		16.67		79.7	34	106		0	20	
Surr: Decachlorobiphenyl	12.895		16.67		77.4	31	132		0	20	

Sample ID: **095811-036ADUP** SampType: **DUP** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **12/11/2007** RunNo: **88372**
Client ID: **Composite DPRR-8-** Batch ID: **41991** TestNo: **EPA 8081A** **EPA 3550B** Analysis Date: **12/11/2007** SeqNo: **1346934**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4'-DDD	ND	4.0						0	0	20	
2,4'-DDE	ND	4.0						0	0	20	
2,4'-DDT	ND	4.0						0	0	20	
4,4'-DDD	ND	2.0						0	0	20	
4,4'-DDE	ND	2.0						0	0	20	
4,4'-DDT	ND	2.0						0	0	20	
Aldrin	ND	1.0						0	0	20	
alpha-BHC	ND	1.0						0	0	20	
alpha-Chlordane	ND	1.0						0	0	20	
beta-BHC	ND	1.0						0	0	20	
Chlordane	ND	8.5						0	0	20	
Chlorothalonil	ND	2.0						0	0	20	
delta-BHC	ND	1.0						0	0	20	
Dieldrin	ND	2.0						0	0	20	
Endosulfan I	ND	1.0						0	0	20	
Endosulfan II	ND	2.0						0	0	20	
Endosulfan sulfate	ND	2.0						0	0	20	
Endrin	ND	2.0						0	0	20	
Endrin aldehyde	ND	2.0						0	0	20	
Endrin ketone	ND	2.0						0	0	20	
gamma-BHC	ND	1.0						0	0	20	
gamma-Chlordane	ND	1.0						0	0	20	
Heptachlor	ND	1.0						0	0	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

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

CLIENT: Geocon Consultants, Inc.
Work Order: 095811
Project: I-80 SI, S9300-06-08

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID: **095811-036ADUP** SampType: **DUP** TestCode: **8081_S** Units: **µg/Kg** Prep Date: **12/11/2007** RunNo: **88372**
Client ID: **Composite DPRR-8-** Batch ID: **41991** TestNo: **EPA 8081A** **EPA 3550B** Analysis Date: **12/11/2007** SeqNo: **1346934**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Heptachlor epoxide	ND	1.0						0	0	20	
Methoxychlor	ND	8.5						0	0	20	
Toxaphene	ND	85						0	0	20	
Surr: Tetrachloro-m-xylene	11.557		16.67		69.3	34	106		0	20	
Surr: Decachlorobiphenyl	11.147		16.67		66.9	31	132		0	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

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

CLIENT: Geocon Consultants, Inc.
Work Order: 095811
Project: I-80 SI, S9300-06-08

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

Sample ID: **MB-41991** SampType: **MBLK** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **12/11/2007** RunNo: **88351**
Client ID: **PBS** Batch ID: **41991** TestNo: **EPA 8082** **EPA 3550B** Analysis Date: **12/11/2007** SeqNo: **1346585**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16									
Aroclor 1221	ND	33									
Aroclor 1232	ND	16									
Aroclor 1242	ND	16									
Aroclor 1248	ND	16									
Aroclor 1254	ND	16									
Aroclor 1260	ND	16									
Aroclor 1262	ND	16									
Aroclor 1268	ND	16									
Surr: Decachlorobiphenyl	13.302		16.67		79.8	41	127				
Surr: Tetrachloro-m-xylene	15.595		16.67		93.6	54	127				

Sample ID: **LCS-41991** SampType: **LCS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **12/11/2007** RunNo: **88351**
Client ID: **LCSS** Batch ID: **41991** TestNo: **EPA 8082** **EPA 3550B** Analysis Date: **12/11/2007** SeqNo: **1346586**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	134.872	16	166.7	0	80.9	53	111				
Aroclor 1260	136.688	16	166.7	0	82.0	53	114				
Surr: Decachlorobiphenyl	13.293		16.67		79.7	41	127				
Surr: Tetrachloro-m-xylene	15.418		16.67		92.5	54	127				

Sample ID: **MB-41991MSA** SampType: **MS** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **12/11/2007** RunNo: **88351**
Client ID: **ZZZZZZ** Batch ID: **41991** TestNo: **EPA 8082** **EPA 3550B** Analysis Date: **12/11/2007** SeqNo: **1346587**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	133.473	16	166.7	0	80.1	43	116				
Aroclor 1260	136.363	16	166.7	0	81.8	40	126				
Surr: Decachlorobiphenyl	13.405		16.67		80.4	41	127				
Surr: Tetrachloro-m-xylene	15.265		16.67		91.6	54	127				

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

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

CLIENT: Geocon Consultants, Inc.
Work Order: 095811
Project: I-80 SI, S9300-06-08

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

Sample ID: **MB-41991MSDA** SampType: **MSD** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **12/11/2007** RunNo: **88351**
Client ID: **ZZZZZZ** Batch ID: **41991** TestNo: **EPA 8082** **EPA 3550B** Analysis Date: **12/11/2007** SeqNo: **1346588**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	135.327	16	166.7	0	81.2	43	116	133.5	1.38	20	
Aroclor 1260	136.663	16	166.7	0	82.0	40	126	136.4	0.220	20	
Surr: Decachlorobiphenyl	13.293		16.67		79.7	41	127		0	0	
Surr: Tetrachloro-m-xylene	15.400		16.67		92.4	54	127		0	0	

Sample ID: **095811-034A** SampType: **DUP** TestCode: **8082_S** Units: **µg/Kg** Prep Date: **12/11/2007** RunNo: **88351**
Client ID: **Composite DPRR-6-** Batch ID: **41991** TestNo: **EPA 8082** **EPA 3550B** Analysis Date: **12/11/2007** SeqNo: **1346589**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16						0	0	20	
Aroclor 1221	ND	33						0	0	20	
Aroclor 1232	ND	16						0	0	20	
Aroclor 1242	ND	16						0	0	20	
Aroclor 1248	ND	16						0	0	20	
Aroclor 1254	ND	16						0	0	20	
Aroclor 1260	ND	16						0	0	20	
Aroclor 1262	ND	16						0	0	20	
Aroclor 1268	ND	16						0	0	20	
Surr: Decachlorobiphenyl	12.110		16.67		72.6	41	127		0	20	
Surr: Tetrachloro-m-xylene	13.477		16.67		80.8	54	127		0	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

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

CLIENT: Geocon Consultants, Inc.
Work Order: 095811
Project: I-80 SI, S9300-06-08

ANALYTICAL QC SUMMARY REPORT

TestCode: 9045_S

Sample ID: **095750-159ADUP** SampType: **DUP** TestCode: **9045_S** Units: **pH Units** Prep Date: RunNo: **88346**
Client ID: **ZZZZZZ** Batch ID: **R88346** TestNo: **EPA 9045C** Analysis Date: **12/11/2007** SeqNo: **1346508**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	7.380	0.10						7.400	0.271	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Ordered By

Advanced Technology Laboratories
3275 Walnut Street
Signal Hill, CA 90755-5225

Number of Pages 3
Date Received 12/11/2007
Date Reported 12/14/2007

Telephone: (562) 989-4045
Attention: Diane Galvan

Job Number	Order Date	Client
45164	12/11/2007	ATL

Project ID: 095811

Enclosed please find results of analyses of 4 soil samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____ Approved By: C. Razmara

Cyrus Razmara, Ph.D.
Laboratory Director

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Advanced Technology Laboratories
3275 Walnut Street
Signal Hill, CA 90755-5225

Telephone: (562)989-4045
Attn: Diane Galvan

Page: 2

Project ID: 095811

AETL Job Number	Submitted	Client
45164	12/11/2007	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch No: 121107

Our Lab I.D.			Method Blank	45164.01	45164.02	45164.03	45164.04
Client Sample I.D.				095811-029B	095811-030B	095811-034B	095811-035B
Date Sampled				12/07/2007	12/07/2007	12/07/2007	12/07/2007
Date Prepared			12/11/2007	12/11/2007	12/11/2007	12/11/2007	12/11/2007
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			12/11/2007	12/12/2007	12/12/2007	12/12/2007	12/12/2007
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Benzo(a)anthracene	0.010	0.020	ND	0.063	0.022	ND	ND
Benzo(a)pyrene	0.010	0.020	ND	0.060	0.012J	ND	ND
Benzo(b)fluoranthene	0.010	0.020	ND	0.041	0.042	ND	ND
Benzo(k)fluoranthene	0.010	0.020	ND	0.014J	0.017J	ND	ND
Chrysene	0.010	0.020	ND	ND	0.030	ND	ND
Dibenzo(a,h)anthracene	0.010	0.020	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.010	0.020	ND	0.043	0.029	ND	ND
Acenaphthene	0.010	0.020	ND	ND	ND	ND	ND
Acenaphthylene	0.010	0.020	ND	ND	ND	ND	ND
Anthracene	0.010	0.020	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	0.010	0.020	ND	0.041	0.032	ND	ND
Fluoranthene	0.010	0.020	ND	0.032	0.033	ND	ND
Fluorene	0.010	0.020	ND	ND	ND	ND	ND
Naphthalene	0.010	0.020	ND	ND	ND	ND	ND
Phenanthrene	0.010	0.020	ND	ND	ND	ND	ND
Pyrene	0.010	0.020	ND	0.040	0.027	ND	ND
Our Lab I.D.			Method Blank	45164.01	45164.02	45164.03	45164.04
Surrogates	%Rec Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
p-Terphenyl-D14	75-125		85.0	79.0	85.0	91.0	89.0

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Advanced Technology Laboratories
3275 Walnut Street
Signal Hill, CA 90755-5225

Telephone: (562)989-4045
Attn: Diane Galvan

Page: 3

Project ID: 095811

AETL Job Number	Submitted	Client
45164	12/11/2007	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QUALITY CONTROL REPORT

QC Batch No: 121107; Dup or Spiked Sample: 45147.04; LCS: Clean Sand; QC Prepared: 12/11/2007; QC Analyzed: 12/11/2007; Units: ppm

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Benzo(a)anthracene	0.00	0.05	0.05	92.0	0.05	0.04	78.0	16.5	75-125	<20
Benzo(a)pyrene	0.00	0.05	0.04	83.8	0.05	0.04	76.8	8.7	75-125	<20
Naphthalene	0.00	0.50	0.46	91.4	0.50	0.46	91.8	<1	75-125	<20

QC Batch No: 121107; Dup or Spiked Sample: 45147.04; LCS: Clean Sand; QC Prepared: 12/11/2007; QC Analyzed: 12/11/2007; Units: ppm

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
Benzo(a)anthracene	0.05	0.05	96.4	75-125						
Benzo(a)pyrene	0.05	0.04	75.6	75-125						
Naphthalene	0.50	0.46	91.0	75-125						
LCS										
Acenaphthene	0.50	0.45	90.0	75-125						
Acenaphthylene	1.00	0.95	95.4	75-125						
Anthracene	0.05	0.04	88.6	75-125						
Benzo(b)fluoranthene	0.10	0.09	90.2	75-125						
Benzo(g,h,i)perylene	0.10	0.08	82.9	75-125						
Benzo(k)fluoranthene	0.05	0.04	79.4	75-125						
Chrysene	0.05	0.04	79.4	75-125						
Dibenzo(a,h)anthracene	0.10	0.09	85.6	75-125						
Fluoranthene	0.10	0.09	94.3	75-125						
Fluorene	0.10	0.09	88.7	75-125						
Indeno(1,2,3-cd)pyrene	0.05	0.04	82.8	75-125						
Phenanthrene	0.05	0.04	88.2	75-125						
Pyrene	0.05	0.04	87.6	75-125						

American Environmental Testing Laboratory Inc.
2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Data Qualifiers and Descriptors

Data Qualifier:

*:	In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied.
B:	Analyte was present in the Method Blank.
D:	Result is from a diluted analysis.
E:	Result is beyond calibration limits and is estimated.
H:	Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control.
J:	Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
M:	Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable.
MCL:	Maximum Contaminant Level
NS:	No Standard Available
S6:	Surrogate recovery is outside control limits due to matrix interference.
S8:	The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria.
X:	Results represent LCS and LCSD data.

Definition:

%Limi:	Percent acceptable limits.
%REC:	Percent recovery.
Con.L:	Acceptable Control Limits
Conce:	Added concentration to the sample.
LCS:	Laboratory Control Sample
MDL:	Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability.

American Environmental Testing Laboratory Inc.
2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Data Qualifiers and Descriptors

MS:	Matrix Spike
MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above MDL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755-5225
TEL: *5629894045* FAX: *5629894040*

CHAIN-OF-CUSTODY RECORD

QC Level: CT

JOB # 45164

Subcontractor:
AETL
2834 North Naomi Street
Burbank, CA 91504
TEL: (818) 845-8200
FAX: (818) 845-8840
Acct #:

10-Dec-07

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests: EPA 8310		
095811-029B / Composite DPRR-1-1.0,4.0,7.0	Soil	12/7/2007	4OZG	1		45164.01
095811-030B / Composite DPRR-2-1.0,4.0,7.0	Soil	12/7/2007	4OZG	1		45164.02
095811-034B / Composite DPRR-6-1.0,4.0,7.0	Soil	12/7/2007	4OZG	1		45164.03
095811-035B / Composite DPRR-7-1.0,4.0,7.0	Soil	12/7/2007	4OZG	1		45164.04

General Comments: Please use PO#: SC02854 Please fax results by:12/12/07

Please send report to Diane Galvan

		Date/Time			Date/Time
Relinquished by:		12/10/07	**Received by:**		12/11-07 1105
Relinquished by:		12/11-07	**Received by:**		12/11-07 1230

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Ordered By

Advanced Technology Laboratories
3275 Walnut Street
Signal Hill, CA 90755-5225

Number of Pages 5
Date Received 12/11/2007
Date Reported 12/17/2007

Telephone: (562) 989-4045
Attention: Diane Galvan

Job Number	Order Date	Client
45165	12/11/2007	ATL

Project ID: 095811

Enclosed please find results of analyses of 4 soil samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____ Approved By: C. Razmara

Cyrus Razmara, Ph.D.
Laboratory Director

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Advanced Technology Laboratories
3275 Walnut Street
Signal Hill, CA 90755-5225

Telephone: (562)989-4045
Attn: Diane Galvan

Page: 2
Project ID: 095811

AETL Job Number	Submitted	Client
45165	12/11/2007	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch No: 121107

Our Lab I.D.			Method Blank	45165.01			
Client Sample I.D.				095811-031B			
Date Sampled				12/07/2007			
Date Prepared			12/11/2007	12/11/2007			
Preparation Method			3550B	3550B			
Date Analyzed			12/12/2007	12/12/2007			
Matrix			Soil	Soil			
Units			mg/Kg	mg/Kg			
Dilution Factor			1	1			
Analytes	MDL	PQL	Results	Results			
Benzo(a)anthracene	0.010	0.020	ND	ND			
Benzo(a)pyrene	0.010	0.020	ND	0.013J			
Benzo(b)fluoranthene	0.010	0.020	ND	0.011J			
Benzo(k)fluoranthene	0.010	0.020	ND	ND			
Chrysene	0.010	0.020	ND	0.032			
Dibenzo(a,h)anthracene	0.010	0.020	ND	ND			
Indeno(1,2,3-cd)pyrene	0.010	0.020	ND	ND			
Acenaphthene	0.010	0.020	ND	ND			
Acenaphthylene	0.010	0.020	ND	ND			
Anthracene	0.010	0.020	ND	ND			
Benzo(g,h,i)perylene	0.010	0.020	ND	ND			
Fluoranthene	0.010	0.020	ND	0.029			
Fluorene	0.010	0.020	ND	ND			
Naphthalene	0.010	0.020	ND	ND			
Phenanthrene	0.010	0.020	ND	0.013J			
Pyrene	0.010	0.020	ND	0.032			

Our Lab I.D.				45165.01			
Surrogates	%Rec.Limit		% Rec.	% Rec.			
p-Terphenyl-D14	75-125		84.2	94.0			

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Advanced Technology Laboratories
3275 Walnut Street
Signal Hill, CA 90755-5225

Telephone: (562)989-4045
Attn: Diane Galvan

Page: 3
Project ID: 095811

AETL Job Number	Submitted	Client
45165	12/11/2007	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch No: 121107

Our Lab I.D.			45165.02				
Client Sample I.D.			095811-032B				
Date Sampled			12/07/2007				
Date Prepared			12/11/2007				
Preparation Method			3550B				
Date Analyzed			12/12/2007				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			2				
Analytes	**MDL**	**PQL**	**Results**				
Benzo(a)anthracene	0.020	0.040	ND				
Benzo(a)pyrene	0.020	0.040	ND				
Benzo(b)fluoranthene	0.020	0.040	ND				
Benzo(k)fluoranthene	0.020	0.040	ND				
Chrysene	0.020	0.040	ND				
Dibenzo(a,h)anthracene	0.020	0.040	ND				
Indeno(1,2,3-cd)pyrene	0.020	0.040	ND				
Acenaphthene	0.020	0.040	ND				
Acenaphthylene	0.020	0.040	ND				
Anthracene	0.020	0.040	ND				
Benzo(g,h,i)perylene	0.020	0.040	ND				
Fluoranthene	0.020	0.040	ND				
Fluorene	0.020	0.040	ND				
Naphthalene	0.020	0.040	ND				
Phenanthrene	0.020	0.040	ND				
Pyrene	0.020	0.040	ND				

Comment(s):

45165.02: Analyzed under dilution due to limited sample

Our Lab I.D.			45165.02				
Surrogates	**%Rec. Limit**		**% Rec.**				
p-Terphenyl-D14	75-125		78.8				

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Advanced Technology Laboratories
3275 Walnut Street
Signal Hill, CA 90755-5225

Telephone: (562)989-4045
Attn: Diane Galvan

Page: 4
Project ID: 095811

AETL Job Number	Submitted	Client
45165	12/11/2007	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch No: 121107

Our Lab I.D.			45165.03	45165.04			
Client Sample I.D.			095811-033B	095811-036B			
Date Sampled			12/07/2007	12/07/2007			
Date Prepared			12/11/2007	12/11/2007			
Preparation Method			3550B	3550B			
Date Analyzed			12/12/2007	12/12/2007			
Matrix			Soil	Soil			
Units			mg/Kg	mg/Kg			
Dilution Factor			1	1			
Analytes	MDL	PQL	Results	Results			
Benzo(a)anthracene	0.010	0.020	ND	ND			
Benzo(a)pyrene	0.010	0.020	ND	ND			
Benzo(b)fluoranthene	0.010	0.020	ND	ND			
Benzo(k)fluoranthene	0.010	0.020	ND	ND			
Chrysene	0.010	0.020	ND	ND			
Dibenzo(a,h)anthracene	0.010	0.020	ND	ND			
Indeno(1,2,3-cd)pyrene	0.010	0.020	ND	ND			
Acenaphthene	0.010	0.020	ND	ND			
Acenaphthylene	0.010	0.020	ND	ND			
Anthracene	0.010	0.020	ND	ND			
Benzo(g,h,i)perylene	0.010	0.020	ND	ND			
Fluoranthene	0.010	0.020	ND	ND			
Fluorene	0.010	0.020	ND	ND			
Naphthalene	0.010	0.020	ND	ND			
Phenanthrene	0.010	0.020	ND	ND			
Pyrene	0.010	0.020	ND	ND			

Our Lab I.D.			45165.03	45165.04			
Surrogates	%Rec. Limit		% Rec.	% Rec.			
p-Terphenyl-D14	75-125		95.3	92.0			

American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Advanced Technology Laboratories
3275 Walnut Street
Signal Hill, CA 90755-5225

Telephone: (562)989-4045
Attn: Diane Galvan

Page: 5
Project ID: 095811

AETL Job Number	Submitted	Client
45165	12/11/2007	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QUALITY CONTROL REPORT

QC Batch No: 121107 ; Dup or Spiked Sample: 45150.06; LCS: Clean Sand; QC Prepared: 12/11/2007; QC Analyzed: 12/12/2007;
Units: ppm

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Benzo(a)anthracene	0.0	0.05	0.04	84.0	0.05	0.04	88.8	5.6	75-125	<20
Benzo(a)pyrene	0.0	0.05	0.04	82.0	0.05	0.04	84.0	2.4	75-125	<20
Naphthalene	0.0	0.50	0.46	91.8	0.50	0.48	95.8	4.3	75-125	<20

QC Batch No: 121107 ; Dup or Spiked Sample: 45150.06; LCS: Clean Sand; QC Prepared: 12/11/2007; QC Analyzed: 12/12/2007;
Units: ppm

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
Benzo(a)anthracene	0.05	0.04	77.6	75-125						
Benzo(a)pyrene	0.05	0.04	77.8	75-125						
Naphthalene	0.50	0.45	89.2	75-125						
LCS										
Acenaphthene	0.50	0.45	89.4	75-125						
Acenaphthylene	1.00	0.94	94.1	75-125						
Anthracene	0.05	0.04	81.4	75-125						
Benzo(b)fluoranthene	0.10	0.08	82.3	75-125						
Benzo(g,h,i)perylene	0.10	0.10	96.0	75-125						
Benzo(k)fluoranthene	0.05	0.04	81.0	75-125						
Chrysene	0.05	0.04	81.2	75-125						
Dibenzo(a,h)anthracene	0.10	0.09	85.2	75-125						
Fluoranthene	0.10	0.09	86.2	75-125						
Fluorene	0.10	0.08	80.0	75-125						
Indeno(1,2,3-cd)pyrene	0.05	0.04	88.4	75-125						
Phenanthrene	0.05	0.04	82.0	75-125						
Pyrene	0.05	0.04	88.4	75-125						

American Environmental Testing Laboratory Inc.
2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Data Qualifiers and Descriptors

Data Qualifier:

*:	In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied.
B:	Analyte was present in the Method Blank.
D:	Result is from a diluted analysis.
E:	Result is beyond calibration limits and is estimated.
H:	Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control.
J:	Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
M:	Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable.
MCL:	Maximum Contaminant Level
NS:	No Standard Available
S6:	Surrogate recovery is outside control limits due to matrix interference.
S8:	The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria.
X:	Results represent LCS and LCSD data.

Definition:

%Limi:	Percent acceptable limits.
%REC:	Percent recovery.
Con.L:	Acceptable Control Limits
Conce:	Added concentration to the sample.
LCS:	Laboratory Control Sample
MDL:	Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability.

American Environmental Testing Laboratory Inc.
2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Data Qualifiers and Descriptors

MS:	Matrix Spike
MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above MDL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755-5225
TEL: *5629894045* FAX: *5629894040*

CHAIN-OF-CUSTODY RECORD

QC Level: CT

Subcontractor:
AETL
2834 North Naomi Street
Burbank, CA 91504
TEL: (818) 845-8200
FAX: (818) 845-8840
Acct #:

JOB # 45165

10-Dec-07

Sample ID	Matrix	Date Collected	Bottle Type	Requested Tests: EPA 8310		
095811-031B / Composite DPRR-3-1.0,4.0,7.5	Soil	12/7/2007	4OZG	1		45165.01
095811-032B / Composite DPRR-4-1.0,4.5,6.0	Soil	12/7/2007	4OZG	1		45165.02
095811-033B / Composite DPRR-5-1.0,4.0	Soil	12/7/2007	4OZG	1		45165.03
095811-036B / Composite DPRR-8-1.0,4.0,7.0	Soil	12/7/2007	4OZG	1		45165.04

General Comments: Please use PO#: SC02854 Please fax results by: ~~12/14/07~~ Normal TAT on 12/11/07

Please send report to Diane Galvan

		Date/Time			Date/Time
Relinquished by:		12/10/07	**Received by:**		12/11-07 1105
Relinquished by:		12/11-07	**Received by:**		12/11-07 1230

CHAIN OF CUSTODY RECORD

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

FOR LABORATORY USE ONLY:

P.O.#:

Logged By: Date: 12/10/07

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: GSO

Sample Condition Upon Receipt: 4.0
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
Attn: John Juhrend
Address: 3160 Gold Valley Dr. Suite 800
City: Rancho Cordova State: CA Zip Code: 95742
TEL: (916) 852-9118
FAX: (916) 852-9182

Project Name: I-80 SI
Project #:
Sampler: (Printed Name) GEMMA REBLANDO (Signature)

Relinquished by: (Signature and Printed Name) GEMMA REBLANDO Date: 12/7/07 Time: 1630
Received by: (Signature and Printed Name) Date: 12/10/07 Time: 1430
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:
GEMMA REBLANDO 12/7/07
Print Name Date
Signature

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

Bill To:
Attn:
Co:
Address
City State Zip

Special Instructions/Comments:
Caltrans Contract 03A1368
Please composite samples as noted and retain each distinct sample for further analysis.

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides) Organochlorine	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / 8020 (BTEX)	8015B (DRO) / ORD	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	PCB 8082	PAH 8100	Soil pH	SPECIFY APPROPRIATE MATRIX: SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	0958H6001	DPRR-1-1.0	12/7/07	0930	X					X		X	X	X	X		X				C	1	T	P	C	
	2	DPRR-1-4.0		0935	X					X		X	X	X	X		X					1				29 composite
	3	DPRR-1-7.0		0940	X					X		X	X	X	X		X					1				
	4	DPRR-1-10		0945	X					X		X	X	X	X		X					1				
	5	DPRR-2-1.0		1030	X					X		X	X	X			X					1				composite 20
	6	DPRR-2-4.0		1035	X					X		X	X	X			X					1				
	7	DPRR-2-7.0		1040	X					X		X	X	X			X					1				
	8	DPRR-2-10		1045	X					X		X	X	X			X					1				
	9	DPRR-3-1.0		1100	X					X		X	X	X			X				E	1				composite with DPRR-3-7.5 and DPRR-3-10 31
	10	DPRR-3-4.0		1105	X					X		X	X	X			X				E	1				

QA/QC: RTNE ☐ CT ☐ SWRCB ☐ Logcode ____ OTHER ____

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

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

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

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
Attn: John Juhrend
Address: 3160 Gold Valley Dr Suite 800
City: Rancho Cordova State: CA Zip Code: 95742
TEL: (916) 852-9118
FAX: (916) 852-9132

Project Name: I-80 SI
Project #: 59300-06-08
Sampler (Printed Name): GEMMA REBLANDO (Signature): [signature]

Relinquished by: (Signature and Printed Name) [signature] GEMMA REBLANDO Date: 12/7/07 Time: 1630 Received by: (Signature and Printed Name) [signature] Date: 12/10/07 Time: 1420
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: GEMMA REBLANDO 12/7/07 (Print Name, Date)
Signature: [signature]

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

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

Special Instructions/Comments: See Page 1

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

QA/QC: RTNE ☐ CT ☐ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides) Organochlorine	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / 8020 (BTEX)	8015B (DRO) / DRO	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	PCB 8082	PAH 8100	Soil pH	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	095811-11	DPRR-3-7.5	12/7/07	1110	X					X		X	X	X			X				E	1	T P	C	Composite with DPRR-3-1.0 and DPRR-3-4.0
	12	DPRR-3-10		1115	X					X		X	X	X			X					1			
	13	DPRR-4-1.0		1140	X					X		X	X	X			X					1			3# composite
	14	DPRR-4-4.5		1145	X					X		X	X	X			X					1			
	15	DPRR-4-6.0		1150	X					X		X	X	X			X					1			
	16	DPRR-4-10		1155	X					X		X	X	X			X					1			
	17	DPRR-5-1.0		0955	X					X		X	X	X			X				E	1	Bag		3# composite
	18	DPRR-5-4.0		1000	X					X		X	X	X			X				E	1			
	19	DPRR-6-1.0		1015	X					X		X	X	X			X				C	1			Composite with DPRR-6-7.0 and DPRR-6-10
	20	DPRR-6-4.0		1020	X					X		X	X	X			X				C	1			

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

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

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: _____

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
Attn: John Juhrend
Address: 3160 Gold Valley Drive Suite 800
City: Rancho Cordova State: CA Zip Code: 95742
TEL: (916) 852-9118
FAX: (916) 852-9132

Project Name: I-80 SI
Project #: S9300-06-08
Sampler: (Printed Name) GEMMA REBLANDO (Signature) [signature]

Relinquished by: (Signature and Printed Name) [signature] GEMMA REBLANDO Date: 12/7/07 Time: 1630 Received by: (Signature and Printed Name) [signature] Date: 12/11/07 Time: 1470
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: GEMMA REBLANDO 12/7/07 (Print Name, Date)
[signature] (Signature)

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

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

Special Instructions/Comments: See page 1

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides) Organochlorine; 8082 (PCB); 8260B (Volatiles); 8270C (BNA); 6010B (Total Metal); 8015B (GRO) / 8020 (BTEX); 8015B (DRO) / DRO; 8021 (BTEX); TITLE 22 / CAM 17 (6010 / 7000); PCB 8082; PAH 8100; 8021 pH

SPECIFY APPROPRIATE MATRIX: (SOIL) WATER GROUND WATER WASTEWATER

QA/QC: RTNE ☐ CT ☐ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / 8020 (BTEX)	8015B (DRO) / DRO	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	PCB 8082	PAH 8100	8021 pH	(SOIL)	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	0958 11- 21	DPRR-6-7.0	12/7/07	1025	X					X		X	X	X			X				C	1	Bag	P	C	composite
	22	DPRR-6-10		1030	X					X		X	X	X			X									
	23	DPRR-7-1.0		1050	X					X		X	X	X	X		X									composite
	24	DPRR-7-4.0		1055	X					X		X	X	X	X		X									
	25	DPRR-7-7.0		1100	X					X		X	X	X	X		X									
	26	DPRR-8-1.0		1130	X					X		X	X	X			X				E					composite
	27	DPRR-8-4.0		1135	X					X		X	X	X			X									
	28	DPRR-8-7.0		1140	X					X		X	X	X			X									

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

Diane Galvan

From: Gemma Reblando [reblando@geoconinc.com]
Sent: Monday, December 10, 2007 10:12 AM
To: Diane Galvan
Subject: I-80 S9300-06-08 project

Good Morning Diane –

Correction on the COC that came with the soil samples I sent last Friday, Dec.7 for the I-80 job. On the COC page 1 – please composite soil samples DPRR-1-1.0, DPRR-1-4.0, DPRR-1-7.0 and DPRR-1-10.

Call me for any questions. Thanks.

Sincerely,

Gemma Reblando

Project Geologist

Geocon Consultants, Inc.
3160 Gold Valley Drive, Suite 800
Rancho Cordova, CA 95742
916.852.9118 Tel

916.852.9132 Fax

916.508.1914 Mobile

GEOTECHNICAL □$B!|□(B ENVIRONMENTAL □$B!|□(B MATERIALS

San Diego Murrieta Burbank San Bernardino Bakersfield Sacramento Livermore Carson City Las Vegas Portland

CONFIDENTIALITY NOTICE: This email may contain confidential and privileged material for the sole use of the intended recipient(s). Any review, use, distribution or disclosure by others is strictly prohibited. If you have received this communication in error, please notify the sender immediately by email and delete the message and any file attachments from your computer. Thank you.

APPENDIX D

DESCRIPTION OF DATA SET

Project Name:	Interstate 80 Post Mile 0.3 to 10.4
Project No.:	S9300-06-08
Sample Depth:	0.0 ft

DATA SET STATISTICS

Number of Valid Samples	36
Number of Unique Samples	35
Minimum	3.21
Maximum	93.8
Mean	37.76611111
Median	35.2
Standard Deviation	21.64833432
Variance	468.6503787
Coefficient of Variation	0.573221168
Skewness	0.821629218
Mean of log data	3.424647633
Standard Deviation of log data	0.743248843
90% Non-parametric UCLs	
Standard Bootstrap UCL	42.27968302
95% Non-parametric UCLs	
Standard Bootstrap UCL	43.66164934

DESCRIPTION OF DATA SET

Project Name:	Interstate 80 Post Mile 0.3 to 10.4
Project No.:	S9300-06-08
Sample Depth:	1.0 ft

DATA SET STATISTICS

Number of Valid Samples	36
Number of Unique Samples	36
Minimum	1.81
Maximum	33.8
Mean	7.644166667
Median	4.915
Standard Deviation	7.124301
Variance	50.755671
Coefficient of Variation	0.931992
Skewness	2.151227
Mean of log data	1.740187
Standard Deviation of log data	0.727351
90% Non-parametric UCLs	
Standard Bootstrap UCL	9.195215565
95% Non-parametric UCLs	
Standard Bootstrap UCL	9.584331991

DESCRIPTION OF DATA SET

Project Name:	Interstate 80 Post Mile 0.3 to 10.4
Project No.:	S9300-06-08
Sample Depth:	2.0 ft

DATA SET STATISTICS

Number of Valid Samples	36
Number of Unique Samples	35
Minimum	1.87
Maximum	35.2
Mean	6.800555556
Median	4.605
Standard Deviation	6.654227
Variance	44.278743
Coefficient of Variation	0.978483
Skewness	2.981941
Mean of log data	1.656539
Standard Deviation of log data	0.659159
90% Non-parametric UCLs	
Standard Bootstrap UCL	8.244885986
95% Non-parametric UCLs	
Standard Bootstrap UCL	8.608342072