INFORMATION HANDOUT

For Contract No. 03-3F9404
At 03-Sac-99-8.5/22.4

Identified by
Project ID 0313000241

MATERIALS INFORMATION

Aerially Deposited Lead Report, Highway 99 Gore Points, Sacramento, California.

Water Source Information

AERIALLY DEPOSITED LEAD REPORT

Highway 99 Gore Points
Sacramento, California

PREPARED FOR:

CALIFORNIA DEPARTMENT OF TRANSPORTATION – DISTRICT 3
ENVIRONMENTAL ENGINEERING OFFICE
703 B STREET
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GEOCON PROJECT NO. S9805-01-58
TASK ORDER NO. 58
EA 03-3F9301, CONTRACT NO. 03A2132

DECEMBER 2015

GEOCON
CONSULTANTS, INC.
GEOTECHNICAL ■ ENVIRONMENTAL ■ MATERIALS

Project No. S9805-01-58
December 17, 2015

Mr. Rajive Chadha
California Department of Transportation - District 3
Environmental Engineering Office
703 B Street
Marysville, California 95901

Subject: AERIALLY DEPOSITED LEAD REPORT
HIGHWAY 99 GORE POINTS
SACRAMENTO, CALIFORNIA
CONTRACT NO. 03A2132, TASK ORDER NO. 58
EA 03-3F9301, E-FIS: 0313000240-1

Dear Mr. Chadha:

In accordance with California Department of Transportation (Caltrans) Contract No. 03A2132, Task Order No. 58, and Expense Authorization 03-3F9301, we have performed environmental engineering services at the project site. The Site consists of gore points on Highway 99 in Sacramento County, California. The accompanying report summarizes the services performed including the excavation of 188 direct-push or hand-auger borings for the collection of soil samples for aerially deposited lead analysis.

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 you have 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
Senior Engineer

REGISTERED PROFESSIONAL ENGINEER
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(2 + 2 CD) Addressee

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AERIALLY DEPOSITED LEAD REPORT

1.0 INTRODUCTION

This Aerially Deposited Lead (ADL) Report for the Highway 99 (Hwy 99) gore point project was prepared under California Department of Transportation (Caltrans) Contract No. 03A2132, Task Order (TO) No. 58, and Expense Authorization (EA) 03-3F9301.

1.1 Project Description and Proposed Improvements

The project locations consist of Caltrans right-of-way (ROW) at 18 unpaved gore points along northbound and southbound Hwy 99 between the Cosumnes River Bridge and the Fruitridge Road overcrossing in Sacramento County, California. Caltrans proposes roadway improvements at each of the gore points sampled. The approximate project location is depicted on the attached Vicinity Map, Figure 1, and Site Plans, Figures 2-1 through 2-8.

1.2 General Objectives

Construction of planned roadway improvements along Hwy 99 will require the disturbance of soil at the project locations and will generate excess soil. The purpose of the scope of services outlined in TO No. 58 was to evaluate potential impacts due to ADL from motor vehicle exhaust in the surface and near-surface soils. The investigative results will be used by Caltrans to inform the construction contractor if ADL-impacted soil is present within the project boundaries for construction worker health and safety, and soil management and disposal purposes.

2.0 BACKGROUND

Caltrans requested this site investigation to provide data regarding the potential presence of ADL within the proposed roadway improvement areas.

2.1 Hazardous Waste Determination Criteria

Regulatory criteria to classify a waste as "California hazardous" for handling and disposal purposes are contained in the California Code of Regulations (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), § 261.

For waste containing metals, the waste is classified as California hazardous when: 1) the representative total metal content equals or exceeds the respective Total Threshold Limit Concentration (TTLC); or 2) the representative soluble metal content equals or 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 representative soluble metal content equals or exceeds the Federal regulatory level based on the Toxicity Characteristic Leaching Procedure (TCLP).

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., representative 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.

2.2 California Human Health Screening Levels

The California Environmental Protection Agency (Cal/EPA) has prepared technical reports entitled *Use of California Human Health Screening Levels (CHHSLs) in Evaluation of Contaminated Properties* (Cal/EPA, January 2005) and *Revised California Human Health Screening Levels for Beryllium* (Cal/EPA, March 2009) and *Lead* (Cal/EPA, September 2009), which present CHHSLs for soil, shallow soil gas, and indoor air to assist in evaluating sites impacted by releases of hazardous chemicals.

The CHHSLs are concentrations of 54 hazardous chemicals including Title 22 metals that Cal/EPA considers to be below thresholds of concern for risks to human health. The CHHSLs were developed by the Office of Environmental Health Hazard Assessment (OEHHA) on behalf of Cal/EPA. The thresholds of concern used to develop the CHHSLs are an excess lifetime cancer risk of one in a million and a hazard quotient or 1.0 for noncancer effects. Under most circumstances, the presence of a chemical at a concentration less than its respective CHHSL can be assumed to not pose a significant risk. The presence of a chemical at a concentration greater than a CHHSL does not indicate that adverse impacts to human health are occurring or will occur but suggests that further evaluation is warranted (Cal/EPA, January 2005).

The CHHSLs for residential and industrial/commercial land use are on Table 2.

2.3 Environmental Screening Levels

The San Francisco Bay Regional Water Quality Control Board (SFRWQCB) prepared a technical report entitled *User's Guide: Derivation and Application of Environmental Screening Levels, Interim Final 2013* (updated December 2013), which presents Environmental Screening Levels (ESLs) for over 100 commonly found contaminants in soil, groundwater, soil gas, and surface water, to assist in evaluating sites impacted by releases of hazardous chemicals. "The ESLs are considered to be protective for typical bay area sites. Under most circumstances, the presence of a chemical in soil, soil gas, or groundwater at concentrations below the corresponding ESL can be assumed to not pose a

significant threat to human health, water resources, or the environment." (SFRWQCB, December 2013). ESLs are risk assessment tools and are "not intended to serve as a rule to determine if a waste is hazardous under the state or federal regulations."

Residential and commercial/industrial land use ESLs are commonly used by contractors, soil trucking companies, and private and commercial land owners as default acceptance criteria to evaluate suitability of import soil material. The following ESL tables were used for this characterization:

- Table A. Shallow Soil (≤3m bgs), Groundwater is a Current or Potential Source of Drinking Water
- Table K-3. Direct Exposure Soil Screening Levels, Construction/Trench Worker Exposure Scenario

The respective ESLs are listed at the end of Table 2.

3.0 SCOPE OF SERVICES

The scope of services requested by Caltrans in TO No. 58 included the collection of soil samples for laboratory analysis to determine lead content, and the preparation of this report.

3.1 Pre-field Activities

- Mr. Julio Esquivel marked the project limits and boring locations in white paint for subsequent utility clearance on September 29, 2015.
- Provided at least 48-hour notification to Underground Service Alert (USA) prior to job site mobilization.
- Retained the services of Advanced Technology Laboratories (ATL), a Caltrans-approved and California-certified analytical laboratory, to perform the chemical analyses of soil samples.

3.2 Field Activities

On October 12 and 13, 2015, 324 soil samples were collected from 108 direct-push and hand-auger borings located at the unpaved gore points along Hwy 99. The soil borings were advanced to a maximum sampling depth of 1.5 feet. Soil samples were collected at depth intervals of 0 to 0.5 foot, 0.5 to 1 foot, and 1 to 1.5 feet.

Based on the results of the October sampling events, 321 additional soil samples were collected on November 3 and 4, 2015, from 80 direct-push and hand-auger borings located at the unpaved gore points along Hwy 99. The soil borings were advanced to a maximum sampling depth of 4 feet. Soil samples were collected at depth intervals of 0 to 0.5 foot, 0.5 to 1 foot, 1 to 1.5 feet, 2 to 3 feet, and 3 to 4 feet.

Following sample collection, the borings were backfilled with the excess soil cuttings. Details of the field activities are presented in the following sections.

4.0 INVESTIGATIVE METHODS

4.1 Soil Sampling Procedures

The following borings were advanced at the unpaved gore points along Hwy 99. The approximate boring locations are depicted on Figures 2-1 through 2-8.

- Location 26: Borings L26-HA157 through L26-HA162 were advanced along the west side of southbound Hwy 99 north of 47th Avenue;
- Location 27: Borings L27-B163 through L27-B168 were advanced along the east side of the offramp from southbound Hwy 99 to eastbound 47th Avenue;
- Location 28: Borings L27-B169 and L28-B170 through L28-B174 were advanced within the gore point of the slip offramp from southbound Hwy 99 to Florin Road and the loop onramp from Florin Road to southbound Hwy 99;
- Location 29: Borings L29-B175 through L29-B180 and L29-B338 through L29-B345 were advanced along the east side of the offramp from southbound Hwy 99 to eastbound Florin Road;
- Location 30: Borings L30-HA181 through L30-HA186 were advanced on the west side of Hwy 99 east of the Stockton Boulevard onramp to southbound Hwy 99;
- Location 31: Borings L31-B187 through L31-B192 and L31-B266 through L31-B273 were advanced on the east side of southbound Hwy 99 north of the Cosumnes River;
- Location 32: Borings L32-B193 through L32-B198 were advanced on the east side of Hwy 99 west of the slip offramp from northbound Hwy 99 to Stockton Boulevard;
- Location 33: Borings L33-B199 through L33-B204 were advanced on the east side of the onramp from Mack Road to northbound Hwy 99;
- Location 34: Borings L34-B205 through L34-B210 were advanced within the gore point of the slip offramp from northbound Hwy 99 to Florin Road and the loop onramp from Florin Road to northbound Hwy 99;
- Location 35: Borings L35-B211 through L35-B216 were advanced along the northwest side of the offramp from northbound Hwy 99 to westbound Florin Road;
- Location 36: Borings L36-HA217 through L36-HA222 and L36-HA314 through L36-HA321 were advanced on the north side of 47th Avenue to the east of the Hwy 99 onramps and offramps;
- Location 37: Borings L37-B223 through L37-228 and L37-B274 through L37-B281 were advanced along the northwest side of the offramp from northbound Hwy 99 to westbound 47th Avenue;
- Location 38: Borings L38-HA229 through L38-HA234 and L38-HA306 through L38-HA313 were advanced on the west side of southbound Hwy 99 north of Fruitridge Road;
- Location 39: Borings L39-B235 through L39-B240 and L39-B330 through L39-B337 were advanced on the west side of southbound Hwy 99 east of the offramp from southbound Hwy 99 to Fruitridge Road;

- Location 40: Borings L40-B241 through L40-B246 and L40-B298 through L40-B305 were advanced along the east side of the offramp from southbound Hwy 99 to eastbound Fruitridge Road;
- Location 41: Borings L41- B247 through L41-B252 and L41-B282 through L41-B289 were advanced along the northwest side of the offramp from northbound Hwy 99 to westbound Fruitridge Road;
- Location 42: Borings L42-B253 through L42-B258 and L42-B290 through L42-B297 were advanced on the east side of northbound Hwy 99 north of Fruitridge Road; and
- Location 43: Borings L43-HA259 through L43-HA264 and L43-HA322 through L43-HA329 were advanced on the north side of Fruitridge Road to the east of the Hwy 99 onramps and offramps.

Soil samples obtained from the direct-push borings were collected in cellulose thermoplastic (acetate) liners driven by the direct-push rig. The acetate liners were cut to separate the sample by depth, then the sample from a particular interval was opened and the soil sample was transferred to a Ziploc® re-sealable plastic bag. Soil samples collected using a hand-auger were transferred directly into 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 ATL for analytical testing under chain-of-custody (COC) documentation. Soil types were noted on the daily field log.

The coordinates of the boring locations were determined using a differential global positioning system (GPS). The GPS was utilized during the field activities to locate the horizontal position of the boring locations with an error of no more than 3.3 feet. The latitude and longitude of the boring locations are summarized on Table 1.

4.2 Quality Assurance/Quality Control (QA/QC) Procedures

QA/QC procedures were performed during the field exploration activities. These procedures included the decontamination of sampling equipment before each sample was collected and providing COC documentation for each sample submitted to the laboratory. The soil sampling equipment was cleansed between borings by washing the equipment with an Alconox® solution followed by a double rinse with purified water. The decontamination water was discharged to the ground surface within the Caltrans ROW, away from the roadway and storm drain inlets.

4.3 Laboratory Analyses

The soil samples were analyzed under expedited 5-day turnaround time (TAT) for the following analyses. The laboratory was instructed to homogenize the soil samples prior to analysis in accordance with Contract 03A2132 requirements.

- Six hundred and forty-five soil samples were analyzed for total lead following Environmental Protection Agency (EPA) Test Method 6010B.
- Two hundred and forty-four soil samples with total lead concentrations greater than or equal to 50 milligrams per kilogram (mg/kg) (i.e., ten times the lead STLC) were further analyzed for WET soluble lead using EPA Test Method 6010B.
- Thirty-two soil samples were further analyzed for TCLP soluble lead using EPA Test Method 6010B.

QA/QC procedures were performed by ATL as applicable for the method of analysis with specificity for each analyte listed in the test method's QA/QC. QA/QC measures for the lead analysis 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 samples to the laboratory, the COC documentation was reviewed for accuracy and completeness. Copies of the laboratory reports and COC documentation are presented in Appendix A.

4.4 Traffic Control

Caltrans provided shoulder closure traffic control using an attenuator truck during the field sampling activities.

5.0 FIELD OBSERVATIONS AND INVESTIGATIVE RESULTS

5.1 Soil Description

Soil encountered during the excavation of borings generally consisted of fine sands and silty sands with gravel to the maximum sampling depth of approximately 4 feet. Groundwater was not encountered in the soil borings.

5.2 Soil Analytical Results

5.2.1 Location 26

Total lead was detected in the 18 soil samples analyzed at concentrations ranging from 6.4 to 75 mg/kg. Six of the 18 soil samples had reported total lead concentrations equal to or greater than 50 mg/kg (ten times the STLC for lead of 5.0 milligrams per liter [mg/l]) and were further analyzed for WET soluble lead.

WET soluble lead was reported for each of the six samples analyzed at concentrations ranging from 1.7 to 3.1 mg/l. None of the soil samples had WET soluble lead concentrations greater than the STLC for lead of 5.0 mg/l.

5.2.2 Location 27

Total lead was detected in the 18 soil samples analyzed at concentrations ranging from 6.9 to 94 mg/kg. Four of the 18 soil samples had reported total lead concentrations equal to or greater than 50 mg/kg and were further analyzed for WET soluble lead.

WET soluble lead was reported for each of the four soil samples analyzed at concentrations ranging from 3.0 to 5.5 mg/l. Two of the soil samples had WET soluble lead concentrations greater than the STLC for lead of 5.0 mg/l.

5.2.3 Location 28

Total lead was detected in the 18 soil samples analyzed at concentrations ranging from 6.9 to 100 mg/kg. Three of the 18 soil samples had reported total lead concentrations equal to or greater than 50 mg/kg and were further analyzed for WET soluble lead.

WET soluble lead was reported for the three soil samples analyzed at concentrations ranging from 3.1 to 7.1 mg/l. One of the soil samples had a WET soluble lead concentration greater than the STLC for lead of 5.0 mg/l.

TCLP soluble lead was not detected in the one soil sample analyzed.

5.2.4 Location 29

Total lead was detected in the 51 soil samples analyzed at concentrations ranging from 5.5 to 570 mg/kg. Seventeen of the 51 soil samples had reported total lead concentrations equal to or greater than 50 mg/kg and were further analyzed for WET soluble lead.

WET soluble lead was reported for 15 of the 17 samples analyzed at concentrations ranging from 1.8 to 28 mg/l. Twelve of the soil samples had WET soluble lead concentrations greater than the STLC for lead of 5.0 mg/l.

TCLP soluble lead was reported for the one soil sample analyzed at 0.13 mg/l.

5.2.5 Location 30

Total lead was detected in the 18 soil samples analyzed at concentrations ranging from 6.4 to 120 mg/kg. One soil sample had a reported total lead concentration greater than 50 mg/kg and was further analyzed for WET soluble lead.

WET soluble lead was reported for the one sample analyzed at 5.8 mg/l, greater than the STLC for lead of 5.0 mg/l.

TCLP soluble lead was not detected in the one soil sample analyzed.

5.2.6 Location 31

Total lead was detected in the 50 soil samples analyzed at concentrations ranging from 3.1 to 570 mg/kg. Eleven of the 50 soil samples had reported total lead concentrations equal to or greater than 50 mg/kg and were further analyzed for WET soluble lead.

WET soluble lead was reported for each of the eleven samples analyzed at concentrations ranging from 5.7 to 36 mg/l. Each of the soil samples had WET soluble lead concentrations greater than the STLC for lead of 5.0 mg/l.

TCLP soluble lead was reported for the three soil samples analyzed at concentrations ranging from 0.07 to 1.8 mg/l.

5.2.7 Location 32

Total lead was detected in the 18 soil samples analyzed at concentrations ranging from 4.6 to 180 mg/kg. Two of the 18 soil samples had reported total lead concentrations equal to or greater than 50 mg/kg and were further analyzed for WET soluble lead.

WET soluble lead was reported for each of the two samples analyzed at concentrations of 6.3 and 11 mg/l, greater than the STLC for lead of 5.0 mg/l.

TCLP soluble lead was reported for the one soil sample analyzed at 0.078 mg/l.

5.2.8 Location 33

Total lead was detected in the 18 soil samples analyzed at concentrations ranging from 4.3 to 60 mg/kg. One of the 18 soil samples had a reported total lead concentration equal to or greater than 50 mg/kg and was further analyzed for WET soluble lead.

WET soluble lead was not reported at a concentration equal to or greater than the laboratory test method reporting limit (RL) for the one soil sample analyzed.

5.2.9 Location 34

Total lead was detected in the 18 soil samples analyzed at concentrations ranging from 4.5 to 180 mg/kg. Five of the 18 soil samples had reported total lead concentrations equal to or greater than 50 mg/kg and were further analyzed for WET soluble lead.

WET soluble lead was reported for each of the five samples analyzed at concentrations ranging from 2.1 to 11 mg/l. One of the five soil samples had a WET soluble lead concentration greater than the STLC for lead of 5.0 mg/l.

TCLP soluble lead was reported for one of the two samples analyzed at 0.096 mg/l.

5.2.10 Location 35

Total lead was detected in the 18 soil samples analyzed at concentrations ranging from 4.4 to 170 mg/kg. Four of the 18 soil samples had reported total lead concentrations equal to or greater than 50 mg/kg and were further analyzed for WET soluble lead.

WET soluble lead was reported for each of the four samples analyzed at concentrations ranging from 1.5 to 5.5 mg/l. Two of the four soil samples had WET soluble lead concentrations greater than the STLC for lead of 5.0 mg/l.

TCLP soluble lead was not detected in the one soil sample analyzed.

5.2.11 Location 36

Total lead was detected in the 50 soil samples analyzed at concentrations ranging from 7.8 to 1,600 mg/kg. Thirty-five of the 50 soil samples had reported total lead concentrations equal to or greater than 50 mg/kg and were further analyzed for WET soluble lead.

WET soluble lead was reported for each of the 35 samples analyzed at concentrations ranging from 1.2 to 76 mg/l. Twenty-six of the 35 soil samples had WET soluble lead concentrations greater than the STLC for lead of 5.0 mg/l.

TCLP soluble lead was reported for the six soil samples analyzed at concentrations ranging from 0.20 to 0.56 mg/l.

5.2.12 Location 37

Total lead was detected in the 50 soil samples analyzed at concentrations ranging from 5.1 to 910 mg/kg. Twenty-one of the 50 soil samples had reported total lead concentrations equal to or greater than 50 mg/kg and were further analyzed for WET soluble lead.

WET soluble lead was reported for each of the 21 samples analyzed at concentrations ranging from 1.4 to 63 mg/l. Eighteen of the 21 soil samples had WET soluble lead concentrations greater than the STLC for lead of 5.0 mg/l.

TCLP soluble lead was reported for the two soil samples analyzed at concentrations of 0.13 and 0.19 mg/l.

5.2.13 Location 38

Total lead was detected in the 50 soil samples analyzed at concentrations ranging from 3.8 to 1,900 mg/kg. Twenty-five of the 50 soil samples had reported total lead concentrations equal to or greater than 50 mg/kg and were further analyzed for WET soluble lead.

WET soluble lead was reported for 24 of the 25 samples analyzed at concentrations ranging from 1.2 to 57 mg/l. Eighteen of the 25 soil samples had WET soluble lead concentrations greater than the STLC for lead of 5.0 mg/l.

TCLP soluble lead was reported for the one soil sample analyzed at 0.21 mg/l.

5.2.14 Location 39

Total lead was detected in the 50 soil samples analyzed at concentrations ranging from 8.5 to 730 mg/kg. Ten of the 50 soil samples had reported total lead concentrations equal to or greater than 50 mg/kg and were further analyzed for WET soluble lead.

WET soluble lead was reported for each of the ten samples analyzed at concentrations ranging from 1.5 to 49 mg/l. Eight of the ten soil samples had WET soluble lead concentrations greater than the STLC for lead of 5.0 mg/l.

TCLP soluble lead was not detected in the one soil sample analyzed.

5.2.15 Location 40

Total lead was detected in the 50 soil samples analyzed at concentrations ranging from 6.4 to 680 mg/kg. Fifteen of the 50 soil samples had reported total lead concentrations equal to or greater than 50 mg/kg and were further analyzed for WET soluble lead.

WET soluble lead was reported for 14 of the 15 samples analyzed at concentrations ranging from 1.3 to 50 mg/l. Ten of the 15 soil samples had WET soluble lead concentrations greater than the STLC for lead of 5.0 mg/l.

TCLP soluble lead was reported for the one soil sample analyzed at 0.62 mg/l.

5.2.16 Location 41

Total lead was detected in the 50 soil samples analyzed at concentrations ranging from 7.5 to 4,700 mg/kg. Twenty-eight of the 50 soil samples had reported total lead concentrations equal to or greater than 50 mg/kg and were further analyzed for WET soluble lead.

WET soluble lead was reported for 27 of the 28 samples analyzed at concentrations ranging from 1.6 to 190 mg/l. Nineteen of the 28 soil samples had WET soluble lead concentrations greater than the STLC for lead of 5.0 mg/l.

TCLP soluble lead was reported for the three soil samples analyzed at concentrations ranging from 0.79 to 1.9 mg/l.

5.2.17 Location 42

Total lead was detected in the 50 soil samples analyzed at concentrations ranging from 5.2 to 2,700 mg/kg. Nineteen of the 50 soil samples had reported total lead concentrations equal to or greater than 50 mg/kg and were further analyzed for WET soluble lead.

WET soluble lead was reported for each of the 19 samples analyzed at concentrations ranging from 2.5 to 180 mg/l. Sixteen of the 19 soil samples had WET soluble lead concentrations greater than the STLC for lead of 5.0 mg/l.

TCLP soluble lead was reported for the five soil samples analyzed at concentrations ranging from 0.98 to 1.9 mg/l.

5.2.18 Location 43

Total lead was detected in the 50 soil samples analyzed at concentrations ranging from 12 to 4,300 mg/kg. Thirty-seven of the 50 soil samples had reported total lead concentrations equal to or greater than 50 mg/kg and were further analyzed for WET soluble lead.

WET soluble lead was reported for 34 of the 37 samples analyzed at concentrations ranging from 1.2 to 100 mg/l. Twenty-four of the 37 soil samples had WET soluble lead concentrations greater than the STLC for lead of 5.0 mg/l.

TCLP soluble lead was reported for the three soil samples analyzed at concentrations ranging from 0.27 to 0.75 mg/l.

The analytical results for the soil samples are summarized on Table 2. Copies of the ATL laboratory reports and COC documentation are in Appendix A.

5.4 Laboratory QA/QC

We reviewed the QA/QC provided with the ATL laboratory reports. The relative percent differences for some sample duplicates were outside acceptance criteria. Calculation is based on raw values as noted in the laboratory report. Based on the laboratory QA/QC data, no qualification of the data presented herein is necessary, and the data are of sufficient quality for the purposes of this report.

5.5 Statistical Evaluation for Lead Detected in Soil Samples

Statistical methods were applied to the total lead data to evaluate: 1) the upper confidence limits (UCLs) of the arithmetic means of the total lead concentrations for each sampling depth; and 2) if an acceptable correlation between total and WET lead concentrations exists that would allow the prediction of WET lead concentrations based on the calculated UCLs.

The lead data were evaluated for each gore point since excavated soil from each gore point would not likely be combined and managed as a whole during construction. Thus, the total lead data were separated into 18 sample populations according to 18 gore point locations for statistical evaluation as described below.

- Location 26: Borings L26-HA157 through L26-HA162;
- Location 27: Borings L27-B163 through L27-B168;
- Location 28: Borings L27-B169 and L28-B170 through L28-B174;
- Location 29: Borings L29-B175 through L29-B180 and L29-B338 through L29-B345;
- Location 30: Borings L30-HA181 through L30-HA186;
- Location 31: Borings L31-B187 through L31-B192 and L31-B266 through L31-B273;
- Location 32: Borings L32-B193 through L32-B198;
- Location 33: Borings L33-B199 through L33-B204;
- Location 34: Borings L34-B205 through L34-B210;
- Location 35: Borings L35-B211 through L35-B216;
- Location 36: Borings L36-HA217 through L36-HA222 and L36-HA314 through L36-HA321;
- Location 37: Borings L37-B223 through L37-B228 and L37-B274 through L37-B281;
- Location 38: Borings L38-HA229 through L38-HA234 and L38-HA306 through L38-HA313;

- Location 39: Borings L39-B235 through L39-B240 and L39-B330 through L39-B337;
- Location 40: Borings L40-B241 through L40-B246 and L40-B298 through L40-B305;
- Location 41: Borings L41-B247 through L41-B252 and L41-B282 through L41-B289;
- Location 42: Borings L42-B253 through L42-B258 and L42-B290 through L42-B297; and
- Location 43: Borings L43-HA259 through L43-HA264 and L43-HA322 through L43-HA329.

5.5.1 Calculating the UCLs for the Arithmetic Mean

Non-parametric bootstrap techniques were used to calculate the UCLs. 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 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.

The bootstrap results are in Appendix B. The calculated UCLs and statistical results for each gore location are summarized in the following tables:

Location 26

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 to 0.5	49.4	52.4	38.8	12	67
0.5 to 1	53.5	56.9	41.8	8.8	75
1 to 1.5	37.1	40.3	27.1	6.4	59

Location 27

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 to 0.5	79.2	83.2	64.5	27	94
0.5 to 1	13.3	13.9	11.2	7.6	20
1 to 1.5	9.2	9.5	8.3	6.9	12

Location 28

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 to 0.5	80.0	83.9	65.7	36	100
0.5 to 1	13.6	14.4	11.1	6.9	20
1 to 1.5	9.4	9.6	8.7	7.0	11

Location 29

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 to 0.5	248.0	261.8	193.8	26	570
0.5 to 1	61.4	66.8	44.0	7.2	200
1 to 1.5	30.4	32.8	20.7	6.4	120
2 to 3	38.2	41.9	23.6	5.5	99

Location 30

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 to 0.5	61.2	66.7	41.9	9.3	120
0.5 to 1	28.6	30.0	23.3	9.6	41
1 to 1.5	26.1	27.5	21.6	6.4	32

Location 31

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 to 0.5	288.2	307.4	220.9	8.3	570
0.5 to 1	17.1	18.2	13.3	4.6	48
1 to 1.5	9.2	9.7	7.4	3.1	25
2 to 3	7.1	7.3	6.3	4.1	9.4

Location 32

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 to 0.5	97.4	106.3	66.8	13	180
0.5 to 1	7.0	7.2	6.4	4.6	8.1
1 to 1.5	7.2	7.4	6.6	5.1	8.3

Location 33

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 to 0.5	28.3	29.3	24.0	13	39
0.5 to 1*	60	60	23.7	7.3	60
1 to 1.5	19.3	20.6	14.4	4.3	27

* UCLs could not be calculated due to insufficient amount of distinct total lead data for this depth interval. The highest total lead value is used for the UCL for this depth interval.

Location 34

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 to 0.5	91.2	96.4	73.7	24	120
0.5 to 1	73.1	81.6	40.6	7.3	180
1 to 1.5	8.0	8.3	7.1	4.5	9.2

Location 35

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 to 0.5	108.7	116.2	83.0	15	170
0.5 to 1	15.6	16.9	11.0	5.5	30
1 to 1.5	7.0	7.2	6.4	4.4	8.3

Location 36

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 to 0.5	764.5	774.8	715.0	560	1,100
0.5 to 1	447.8	487.6	312.9	18	1,600
1 to 1.5	158.4	168.4	120.1	15	340
2 to 3	25.4	27.6	18.5	7.8	58

Location 37

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 to 0.5	408.4	429.6	323.4	22	910
0.5 to 1	144.9	156.1	99.6	6.1	390
1 to 1.5	63.6	69.1	44.4	5.2	190
2 to 3	103.4	116.5	50.9	5.1	360

Location 38

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 to 0.5	903.3	952.8	699.3	110	1,900
0.5 to 1	200.4	217.4	147.5	10	540
1 to 1.5	98.2	108.8	62.2	3.8	420
2 to 3	15.6	16.5	13.1	5.6	25

Location 39

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 to 0.5	254.8	277.2	175.1	13	730
0.5 to 1	66.1	71.7	39.6	9.2	310
1 to 1.5	44.1	48.1	29.4	9.4	180
2 to 3	19.5	20.5	16.3	8.5	33

Location 40

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 to 0.5	304.8	321.9	238.3	15	680
0.5 to 1	28.5	29.9	23.2	7.4	60
1 to 1.5	32.3	34.1	24.7	6.8	98
2 to 3	25.2	26.9	19.0	6.4	46

Location 41

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 to 0.5	1,466.0	1,558.0	1,044.0	170	4,700
0.5 to 1	165.3	180.0	117.6	7.8	590
1 to 1.5	54.7	58.7	41.1	7.5	140
2 to 3	43.5	47.3	30.3	7.6	100

Location 42

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 to 0.5	1,577.0	1,665.0	1,308.0	180	2,700
0.5 to 1	65.4	70.1	49.5	16	190
1 to 1.5	24.9	25.9	21.0	9.6	47
2 to 3	33.5	36.5	21.9	5.2	85

Location 43

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 to 0.5	941.0	990.4	789.3	260	1,900
0.5 to 1	495.1	539.1	322.9	29	2,000
1 to 1.5	760.8	874.6	389.1	12	4,300
2 to 3	385.6	426.5	211.9	14	1,200

5.5.2 Correlation of Total and Soluble Lead

Total and corresponding WET soluble lead concentrations are bivariate data with a linear structure. This linear structure should allow for the prediction of WET soluble lead concentrations based on the UCLs calculated above in Section 5.5.1.

To estimate the degree of interrelation between total and corresponding WET soluble lead values (*x* and *y*, respectively), the *correlation coefficient [r]* is used. The correlation coefficient is a ratio that ranges from +1 to –1. A *correlation coefficient* of +1 indicates a perfect direct relationship between two variables; a *correlation coefficient* of –1 indicates that one variable changes inversely with relation to the other. Between the two extremes is a spectrum of less-than-perfect relationships, including zero, which indicates the lack of any sort of linear relationship at all.

The *correlation coefficient* calculated for the 244 (*x, y*) data points (i.e., soil samples analyzed for both total lead [*x*] and WET soluble lead [*y*]) was 0.8489. A *correlation coefficient* greater than or equal to 0.8 is an acceptable indicator that a correlation exists. Consequently, an acceptable correlation between total and soluble lead concentrations was established for the data points since the *correlation coefficient* is greater than 0.8.

For the *correlation coefficient* that indicates a linear relationship between total and WET soluble lead concentrations, it is possible to compute the line of dependence or a best-fit line between the two variables. A least squares method was used to find the equation of a best-fit line (regression line) by forcing the y-intercept equal to zero since that is a known point. The equation of the regression line was determined to be $y = 0.0469(x)$, where x represents total lead concentrations and y represents predicted WET soluble lead concentrations.

This equation was used to estimate the expected WET lead concentrations for the total lead UCLs or maximum concentrations for the data sets. Regression analysis results and a scatter plot depicting the (*x, y*) data points along with the regression line are in Appendix B. The 90% and 95% UCLs and the predicted WET soluble lead concentrations are presented in Section 6.0.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Hazardous waste classification based on the 90% UCL is considered sufficient to satisfy a good faith effort as discussed in SW-846. Risk assessment characterization is typically based on the 95% UCL in accordance with the *Risk Assessment Guidance for Superfund (RAGS*) *Volume 1 Documentation for Exposure Assessment*. Per Caltrans, 90% UCLs are to be used to evaluate onsite reuse, and 95% UCLs are to be used to evaluate offsite reuse or disposal.

Based on the TCLP soluble lead results of less than 5.0 mg/l for the samples collected from Locations 26 through 43, soil generated within these gore locations will not be classified as RCRA hazardous waste.

6.1 Location 26

Total lead concentrations ranged from 6.4 to 75 mg/kg with an average total lead concentration of 35.9 mg/kg. The table below summarizes the excavation scenarios, the weighted average based on the calculated total lead UCLs, and the waste classification for excavated soil within the project limits as represented by borings L26-HA157 through L26-HA162.

Location 26 Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	95% UCL Predicted WET Lead (mg/l)	Waste Classification
0 to 0.5 foot	49.4	2.3	52.4	2.5	Non-hazardous
Underlying soil (0.5 to 1.5 feet)	45.3	2.1	48.6	2.3	Non-hazardous
0 to 1 foot	51.5	2.4	54.7	2.6	Non-hazardous
Underlying soil (1 to 1.5 feet)	37.1	1.7	40.3	1.9	Non-hazardous
0 to 1.5 feet	46.7	2.2	49.9	2.3	Non-hazardous

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal.
Predicted WET lead concentrations were calculated using the equation of the regression line: $y = 0.0469x$.

Based on the above table, soil excavated from the surface to a depth of 1.5 feet or shallower would not be classified as a California-hazardous waste since the 90% UCL-predicted WET soluble lead concentrations are less than the STLC value for lead of 5.0 mg/l. Consequently, soil excavated from the top 1.5 feet or shallower could be reused or disposed of as non-hazardous soil with respect to lead content.

The total lead 95% UCLs for the samples collected from the surface to a depth of 1.5 feet from Location 26 are less than the residential and commercial land use CHHSLs, ESLs, and the construction exposure ESL.

6.2 Location 27

Total lead concentrations ranged from 6.9 to 94 mg/kg with an average total lead concentration of 28.0 mg/kg. The table below summarizes the excavation scenarios, the weighted average based on the calculated total lead UCLs, and the waste classification for excavated soil within the project limits as represented by borings L27-B163 through L27-B168.

Location 27 Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	95% UCL Predicted WET Lead (mg/l)	Waste Classification
0 to 0.5 foot	79.2	3.7	83.2	3.9	Non-hazardous
Underlying soil (0.5 to 1.5 feet)	11.3	0.5	11.7	0.5	Non-hazardous
0 to 1 foot	46.3	2.2	48.6	2.3	Non-hazardous
Underlying soil (1 to 1.5 feet)	9.2	0.4	9.5	0.4	Non-hazardous
0 to 1.5 feet	33.9	1.6	35.5	1.7	Non-hazardous

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal.
Predicted WET lead concentrations were calculated using the equation of the regression line: $y = 0.0469x$.

Based on the above table, soil excavated from the surface to a depth of 1.5 feet or shallower would not be classified as a California-hazardous waste since the 90% UCL-predicted WET soluble lead concentrations are less than the STLC value for lead of 5.0 mg/l. Consequently, soil excavated from the top 1.5 feet or shallower could be reused or disposed of as non-hazardous soil with respect to lead content.

The total lead 95% UCL for the samples collected from the surface to a depth of 0.5 foot from Location 27 is greater than the residential land use CHHSL and ESL, but is less than the commercial land use CHHSL, ESL, and the construction exposure ESL. The total lead 95% UCLs for the samples collected from depths of 0.5 to 1.5 feet are less than the residential and commercial land use CHHSLs, ESLs, and the construction exposure ESL.

6.3 Location 28

Total lead concentrations ranged from 6.9 to 100 mg/kg with an average total lead concentration of 28.5 mg/kg. The table below summarizes the excavation scenarios, the weighted average based on the calculated total lead UCLs, and the waste classification for excavated soil within the project limits as represented by borings L27-B169 and L28-B170 through L28-B174.

Location 28 Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	95% UCL Predicted WET Lead (mg/l)	Waste Classification
0 to 0.5 foot	80.0	3.8	83.9	3.9	Non-hazardous
Underlying soil (0.5 to 1.5 feet)	11.5	0.5	12.0	0.6	Non-hazardous
0 to 1 foot	46.8	2.2	49.2	2.3	Non-hazardous
Underlying soil (1 to 1.5 feet)	9.4	0.4	9.6	0.5	Non-hazardous
0 to 1.5 feet	34.3	1.6	36.0	1.7	Non-hazardous

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal.
Predicted WET lead concentrations were calculated using the equation of the regression line: $y = 0.0469x$.

Based on the above table, soil excavated from the surface to a depth of 1.5 feet or shallower would not be classified as a California-hazardous waste since the 90% UCL-predicted WET soluble lead concentrations are less than the STLC value for lead of 5.0 mg/l. Consequently, soil excavated from the top 1.5 feet or shallower could be reused or disposed of as non-hazardous soil with respect to lead content.

The total lead 95% UCL for the samples collected from the surface to a depth of 0.5 foot from Location 28 is greater than the residential land use CHHSL and ESL, but is less than the commercial land use CHHSL, ESL, and the construction exposure ESL. The total lead 95% UCLs for the samples collected from depths of 0.5 to 1.5 feet are less than the residential and commercial land use CHHSLs, ESLs, and the construction exposure ESL.

6.4 Location 29

Total lead concentrations ranged from 5.5 to 570 mg/kg with an average total lead concentration of 75.1 mg/kg. The table below summarizes the excavation scenarios, the weighted average based on the calculated total lead UCLs, and the waste classification for excavated soil within the project limits as represented by borings L29-B175 through L29-B180 and L29-B338 through L29-B345.

Location 29 Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	95% UCL Predicted WET Lead (mg/l)	Waste Classification
0 to 0.5	248.0	11.6	261.8	12.3	Hazardous
Underlying Soil (0.5 to 3 feet)	39.7	1.9	43.2	2.0	Non-hazardous
0 to 1 foot	154.7	7.3	164.3	7.7	Hazardous
Underlying Soil (1 to 3 feet)	34.3	1.6	37.4	1.8	Non-hazardous
0 to 1.5 feet	113.3	5.3	120.5	5.6	Hazardous
Underlying Soil (1.5 to 3 feet)	35.6	1.7	38.9	1.8	Non-hazardous
0 to 2 feet	92.6	4.3	98.6	4.6	Non-hazardous
Underlying Soil (2 to 3 feet)	38.2	1.8	41.9	2.0	Non-hazardous
0 to 2.5 feet	81.7	3.8	87.2	4.1	Non-hazardous
Underlying Soil (2.5 to 3 feet)	38.2	1.8	41.9	2.0	Non-hazardous
0 to 3 feet	74.4	3.5	79.7	3.7	Non-hazardous

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal.
Predicted WET lead concentrations were calculated using the equation of the regression line: $y = 0.0469x$.

Based on the above table, soil excavated from the surface to a depth of 1.5 feet or shallower would be classified as a California hazardous waste since the 90% UCL-predicted WET soluble lead concentrations are greater than the STLC value for lead of 5.0 mg/l. Soil excavated from the top 1.5 feet or shallower cannot be reused and should be either (1) managed and disposed of as a California hazardous waste or (2) stockpiled and resampled to confirm waste classification in accordance with specific disposal facility acceptance criteria, if applicable.

If soil from the top 2 feet or deeper is excavated and managed as a whole, then soil generated from the top 2 feet or deeper would not be classified as a California hazardous waste since the 90% and 95% UCL-predicted WET soluble lead concentrations are less than the STLC for lead of 5.0 mg/l. Consequently, excavated soil from the top 2 feet or deeper can be reused or disposed of as non-hazardous soil with respect to lead content.

The total lead 95% UCL for the samples collected from the surface to a depth of 0.5 foot from Location 29 is greater than the residential land use CHHSL and ESL, but is less than the commercial land use CHHSL, ESL, and the construction exposure ESL. The total lead 95% UCLs for the samples collected from depths of 0.5 to 3 feet are less than the residential and commercial land use CHHSLs, ESLs, and the construction exposure ESL.

6.5 Location 30

Total lead concentrations ranged from 6.4 to 120 mg/kg with an average total lead concentration of 28.9 mg/kg. The table below summarizes the excavation scenarios, the weighted average based on the calculated total lead UCLs, and the waste classification for excavated soil within the project limits as represented by borings L30-HA181 through L30-HA186.

Location 30 Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	95% UCL Predicted WET Lead (mg/l)	Waste Classification
0 to 0.5 foot	61.2	2.9	66.7	3.1	Non-hazardous
Underlying soil (0.5 to 1.5 feet)	27.4	1.3	28.8	1.3	Non-hazardous
0 to 1 foot	44.9	2.1	48.4	2.3	Non-hazardous
Underlying soil (1 to 1.5 feet)	26.1	1.2	27.5	1.3	Non-hazardous
0 to 1.5 feet	38.6	1.8	41.4	1.9	Non-hazardous

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal.
Predicted WET lead concentrations were calculated using the equation of the regression line: $y = 0.0469x$.

Based on the above table, soil excavated from the surface to a depth of 1.5 feet or shallower would not be classified as a California-hazardous waste since the 90% UCL-predicted WET soluble lead concentrations are less than the STLC value for lead of 5.0 mg/l. Consequently, soil excavated from the top 1.5 feet or shallower could be reused or disposed of as non-hazardous soil with respect to lead content.

The total lead 95% UCLs for the samples collected from the surface to a depth of 1.5 feet from Location 30 are less than the residential and commercial land use CHHSLs, ESLs, and the construction exposure ESL.

6.6 Location 31

Total lead concentrations ranged from 3.1 to 570 mg/kg with an average total lead concentration of 68.7 mg/kg. The table below summarizes the excavation scenarios, the weighted average based on the calculated total lead UCLs, and the waste classification for excavated soil within the project limits as represented by borings L31-B187 through L31-B192 and L31-B266 through L31-B273.

Location 31 Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	95% UCL Predicted WET Lead (mg/l)	Waste Classification
0 to 0.5	288.2	13.5	307.4	14.4	Hazardous
Underlying Soil (0.5 to 3 feet)	9.9	0.5	10.4	0.5	Non-hazardous
0 to 1 foot	152.7	7.2	162.8	7.6	Hazardous
Underlying Soil (1 to 3 feet)	8.2	0.4	8.5	0.4	Non-hazardous
0 to 1.5 feet	104.8	4.9	111.8	5.2	Hazardous
Underlying Soil (1.5 to 3 feet)	7.8	0.4	8.1	0.4	Non-hazardous
0 to 2 feet	80.9	3.8	86.3	4.0	Non-hazardous
Underlying Soil (2 to 3 feet)	7.1	0.3	7.3	0.3	Non-hazardous
0 to 2.5 feet	66.2	3.1	70.5	3.3	Non-hazardous
Underlying Soil (2.5 to 3 feet)	7.1	0.3	7.3	0.3	Non-hazardous
0 to 3 feet	56.3	2.6	59.9	2.8	Non-hazardous

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal.
Predicted WET lead concentrations were calculated using the equation of the regression line: $y = 0.0469x$.

Based on the above table, soil excavated from the surface to a depth of 1 foot or shallower would be classified as a California hazardous waste since the 90% UCL-predicted WET soluble lead concentrations are greater than the STLC value for lead of 5.0 mg/l. Soil excavated from the top 1 foot or shallower cannot be reused and should be either (1) managed and disposed of as a California hazardous waste or (2) stockpiled and resampled to confirm waste classification in accordance with specific disposal facility acceptance criteria, if applicable.

If soil from the top 2 feet or deeper is excavated and managed as a whole, then soil generated from the top 2 feet or deeper would not be classified as a California hazardous waste since the 90% and 95% UCL-predicted WET soluble lead concentrations are less than the STLC for lead of 5.0 mg/l. Consequently, excavated soil from the top 2 feet or deeper can be reused or disposed of as non-hazardous soil with respect to lead content.

The total lead 95% UCL for the samples collected from the surface to a depth of 0.5 foot from Location 31 is greater than the residential land use CHHSL and ESL, but is less than the commercial land use CHHSL, ESL, and the construction exposure ESL. The total lead 95% UCLs for the samples collected from depths of 0.5 to 3 feet are less than the residential and commercial land use CHHSLs, ESLs, and the construction exposure ESL.

6.7 Location 32

Total lead concentrations ranged from 4.6 to 180 mg/kg with an average total lead concentration of 26.6 mg/kg. The table below summarizes the excavation scenarios, the weighted average based on the calculated total lead UCLs, and the waste classification for excavated soil within the project limits as represented by borings L32-B193 through L32-B198.

Location 32 Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	95% UCL Predicted WET Lead (mg/l)	Waste Classification
0 to 0.5 foot	97.4	4.6	106.3	4.99	Non-hazardous
Underlying soil (0.5 to 1.5 feet)	7.1	0.3	7.3	0.3	Non-hazardous
0 to 1 foot	52.2	2.4	56.8	2.7	Non-hazardous
Underlying soil (1 to 1.5 feet)	7.2	0.3	7.4	0.3	Non-hazardous
0 to 1.5 feet	37.2	1.7	40.3	1.9	Non-hazardous

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal.
Predicted WET lead concentrations were calculated using the equation of the regression line: $y = 0.0469x$.

Based on the above table, soil excavated from the surface to a depth of 1.5 feet or shallower would not be classified as a California-hazardous waste since the 90% UCL-predicted WET soluble lead concentrations are less than the STLC value for lead of 5.0 mg/l. Consequently, soil excavated from the top 1.5 feet or shallower could be reused or disposed of as non-hazardous soil with respect to lead content.

The total lead 95% UCL for the samples collected from the surface to a depth of 0.5 foot from Location 32 is greater than the residential land use CHHSL and ESL, but is less than the commercial land use CHHSL, ESL, and the construction exposure ESL. The total lead 95% UCLs for the samples collected from depths of 0.5 to 1.5 feet are less than the residential and commercial land use CHHSLs, ESLs, and the construction exposure ESL.

6.8 Location 33

Total lead concentrations ranged from 4.3 to 60 mg/kg with an average total lead concentration of 20.7 mg/kg. The table below summarizes the excavation scenarios, the weighted average based on the calculated total lead UCLs, and the waste classification for excavated soil within the project limits as represented by borings L33-B199 through L33-B204.

Location 33 Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	95% UCL Predicted WET Lead (mg/l)	Waste Classification
0 to 0.5 foot	28.3	1.3	29.3	1.4	Non-hazardous
Underlying soil (0.5 to 1.5 feet)	39.7	1.9	40.3	1.9	Non-hazardous
0 to 1 foot	44.2	2.1	44.7	2.1	Non-hazardous
Underlying soil (1 to 1.5 feet)	19.3	0.9	20.6	1.0	Non-hazardous
0 to 1.5 feet	35.9	1.7	36.6	1.7	Non-hazardous

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal.
Predicted WET lead concentrations were calculated using the equation of the regression line: $y = 0.0469x$.

Based on the above table, soil excavated from the surface to a depth of 1.5 feet or shallower would not be classified as a California-hazardous waste since the 90% UCL-predicted WET soluble lead concentrations are less than the STLC value for lead of 5.0 mg/l. Consequently, soil excavated from the top 1.5 feet or shallower could be reused or disposed of as non-hazardous soil with respect to lead content.

The maximum total lead concentrations or the total lead 95% UCLs for the samples collected from the surface to a depth of 1.5 feet from Location 33 are less than the residential and commercial land use CHHSLs, ESLs, and the construction exposure ESL.

6.9 Location 34

Total lead concentrations ranged from 4.5 to 180 mg/kg with an average total lead concentration of 40.4 mg/kg. The table below summarizes the excavation scenarios, the weighted average based on the calculated total lead UCLs, and the waste classification for excavated soil within the project limits as represented by borings L34-B205 through L34-B210.

Location 34 Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	95% UCL Predicted WET Lead (mg/l)	Waste Classification
0 to 0.5 foot	91.2	4.3	96.4	4.5	Non-hazardous
Underlying soil (0.5 to 1.5 feet)	40.6	1.9	45.0	2.1	Non-hazardous
0 to 1 foot	82.2	3.9	89.0	4.2	Non-hazardous
Underlying soil (1 to 1.5 feet)	8.0	0.4	8.3	0.4	Non-hazardous
0 to 1.5 feet	57.4	2.7	62.1	2.9	Non-hazardous

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal.
Predicted WET lead concentrations were calculated using the equation of the regression line: $y = 0.0469x$.

Based on the above table, soil excavated from the surface to a depth of 1.5 feet or shallower would not be classified as a California-hazardous waste since the 90% UCL-predicted WET soluble lead concentrations are less than the STLC value for lead of 5.0 mg/l. Consequently, soil excavated from the top 1.5 feet or shallower could be reused or disposed of as non-hazardous soil with respect to lead content.

The total lead 95% UCLs for the samples collected from the surface to a depth of 1 foot from Location 34 are greater than the residential land use CHHSL and ESL, but is less than the commercial land use CHHSL, ESL, and the construction exposure ESL. The total lead 95% UCL for the samples collected from depths of 1 to 1.5 feet is less than the residential and commercial land use CHHSLs, ESLs, and the construction exposure ESL.

6.10 Location 35

Total lead concentrations ranged from 4.4 to 170 mg/kg with an average total lead concentration of 33.5 mg/kg. The table below summarizes the excavation scenarios, the weighted average based on the calculated total lead UCLs, and the waste classification for excavated soil within the project limits as represented by borings L35-B211 through L35-B216.

Location 35 Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	95% UCL Predicted WET Lead (mg/l)	Waste Classification
0 to 0.5 foot	108.7	5.1	116.2	5.4	Hazardous
Underlying soil (0.5 to 1.5 feet)	11.3	0.5	12.1	0.6	Non-hazardous
0 to 1 foot	62.2	2.9	66.6	3.1	Non-hazardous
Underlying soil (1 to 1.5 feet)	7.0	0.3	7.2	0.3	Non-hazardous
0 to 1.5 feet	43.8	2.1	46.8	2.2	Non-hazardous

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal.
Predicted WET lead concentrations were calculated using the equation of the regression line: $y = 0.0469x$.

Based on the above table, soil excavated from the surface to a depth of 0.5 foot would be classified as a California hazardous waste since the 90% UCL-predicted WET soluble lead concentration is greater than the STLC value for lead of 5.0 mg/l. Soil excavated from the top 0.5 foot cannot be reused and should be either (1) managed and disposed of as a California hazardous waste or (2) stockpiled and resampled to confirm waste classification in accordance with specific disposal facility acceptance criteria, if applicable.

If soil from the top 1 foot or deeper is excavated and managed as a whole, then soil generated from the top 1 foot or deeper would not be classified as a California hazardous waste since the 90% and 95% UCL-predicted WET soluble lead concentrations are less than the STLC for lead of 5.0 mg/l. Consequently, excavated soil from the top 1 foot or deeper can be reused or disposed of as non-hazardous soil with respect to lead content.

The total lead 95% UCL for the samples collected from the surface to a depth of 0.5 foot from Location 35 is greater than the residential land use CHHSL and ESL, but is less than the commercial land use CHHSL, ESL, and the construction exposure ESL. The total lead 95% UCLs for the samples collected from depths of 0.5 to 1.5 feet are less than the residential and commercial land use CHHSLs, ESLs, and the construction exposure ESL.

6.11 Location 36

Total lead concentrations ranged from 7.8 to 1,600 mg/kg with an average total lead concentration of 324.4 mg/kg. The table below summarizes the excavation scenarios, the weighted average based on the calculated total lead UCLs, and the waste classification for excavated soil within the project limits as represented by borings L36-HA217 through L36-HA222 and L36-HA314 through L36-HA321.

Location 36 Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	95% UCL Predicted WET Lead (mg/l)	Waste Classification
0 to 0.5	764.5	35.9	774.8	36.3	Hazardous
Underlying Soil (0.5 to 3 feet)	163.1	7.6	175.9	8.3	Hazardous
0 to 1 foot	606.2	28.4	631.2	29.6	Hazardous
Underlying Soil (1 to 3 feet)	91.9	4.3	98.0	4.6	Non-hazardous
0 to 1.5 feet	456.9	21.4	476.9	22.4	Hazardous
Underlying Soil (1.5 to 3 feet)	69.7	3.3	74.5	3.5	Non-hazardous
0 to 2 feet	382.3	17.9	399.8	18.8	Hazardous
Underlying Soil (2 to 3 feet)	25.4	1.2	27.6	1.3	Non-hazardous
0 to 2.5 feet	310.9	14.6	325.4	15.3	Hazardous
Underlying Soil (2.5 to 3 feet)	25.4	1.2	27.6	1.3	Non-hazardous
0 to 3 feet	263.3	12.3	275.7	12.9	Hazardous

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal.
Predicted WET lead concentrations were calculated using the equation of the regression line: $y = 0.0469x$.

Based on the above table, soil excavated from the surface to a depth of 1 foot or shallower would be classified as a California hazardous waste since the 90% UCL-predicted WET soluble lead concentrations are greater than the STLC value for lead of 5.0 mg/l. Soil excavated from the top 1 foot or shallower cannot be reused and should be either (1) managed and disposed of as a California hazardous waste or (2) stockpiled and resampled to confirm waste classification in accordance with specific disposal facility acceptance criteria, if applicable.

Underlying soil (from 1 to 3 feet) where excavated separately would not be classified as a California hazardous waste. Thus, underlying soil from 1 to 3 feet at this gore location can be reused onsite or disposed of as non-hazardous soil with respect to lead content.

The total lead 95% UCLs for the samples collected from the surface to a depth of 1 foot from Location 36 are greater than the residential and commercial land use CHHSLs and ESLs, and the construction exposure ESL. The total lead 95% UCLs for the samples collected from depths of 1 to 3 feet are less than the residential and/or commercial land use CHHSLs, ESLs, and the construction exposure ESL.

6.12 Location 37

Total lead concentrations ranged from 5.1 to 910 mg/kg with an average total lead concentration of 139.0 mg/kg. The table below summarizes the excavation scenarios, the weighted average based on the calculated total lead UCLs, and the waste classification for excavated soil within the project limits as represented by borings L37-B223 through L37-B228 and L37-B274 through L37-B281.

Location 37 Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	95% UCL Predicted WET Lead (mg/l)	Waste Classification
0 to 0.5	408.4	19.2	429.6	20.1	Hazardous
Underlying Soil (0.5 to 3 feet)	95.8	4.5	105.5	4.9	Non-hazardous
0 to 1 foot	276.7	13.0	292.9	13.7	Hazardous
Underlying Soil (1 to 3 feet)	83.5	3.9	92.8	4.4	Non-hazardous
0 to 1.5 feet	205.6	9.6	218.3	10.2	Hazardous
Underlying Soil (1.5 to 3 feet)	90.1	4.2	100.7	4.7	Non-hazardous
0 to 2 feet	170.1	8.0	181.0	8.5	Hazardous
Underlying Soil (2 to 3 feet)	103.4	4.8	116.5	5.5	Hazardous
0 to 2.5 feet	156.8	7.4	168.1	7.9	Hazardous
Underlying Soil (2.5 to 3 feet)	103.4	4.8	116.5	5.5	Hazardous
0 to 3 feet	147.9	6.9	159.5	7.5	Hazardous

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal.
Predicted WET lead concentrations were calculated using the equation of the regression line: $y = 0.0469x$.

Based on the above table, soil excavated from the surface to a depth of 0.5 foot would be classified as a California hazardous waste since the 90% UCL-predicted WET soluble lead concentration is greater than the STLC value for lead of 5.0 mg/l. Soil excavated from the top 0.5 foot cannot be reused and should be either (1) managed and disposed of as a California hazardous waste or (2) stockpiled and resampled to confirm waste classification in accordance with specific disposal facility acceptance criteria, if applicable.

Underlying soil (from 0.5 to 3 feet) where excavated separately would not be classified as a California hazardous waste. Thus, underlying soil from 0.5 to 3 feet at this gore location can be reused onsite or disposed of as non-hazardous soil with respect to lead content.

The total lead 95% UCL for the samples collected from the surface to a depth of 0.5 foot from Location 37 is greater than the residential and commercial land use CHHSLs and ESLs, and the construction exposure ESL. The total lead 95% UCLs for the samples collected from depths of 0.5 to 3 feet are

greater than the residential land use CHHSL and ESL (except samples from 1 to 1.5 feet), but are less than the commercial land use CHHSL, ESL, and the construction exposure ESL.

6.13 Location 38

Total lead concentrations ranged from 3.8 to 1,900 mg/kg with an average total lead concentration of 256.6 mg/kg. The table below summarizes the excavation scenarios, the weighted average based on the calculated total lead UCLs, and the waste classification for excavated soil within the project limits as represented by borings L38-HA229 through L38-HA234 and L38-HA306 through L38-HA313.

Location 38 Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	95% UCL Predicted WET Lead (mg/l)	Waste Classification
0 to 0.5	903.3	42.4	952.8	44.7	Hazardous
Underlying Soil (0.5 to 3 feet)	85.6	4.0	93.6	4.4	Non-hazardous
0 to 1 foot	551.9	25.9	585.1	27.4	Hazardous
Underlying Soil (1 to 3 feet)	56.9	2.7	62.7	2.9	Non-hazardous
0 to 1.5 feet	400.6	18.8	426.3	20.0	Hazardous
Underlying Soil (1.5 to 3 feet)	43.1	2.0	47.3	2.2	Non-hazardous
0 to 2 feet	325.0	15.2	347.0	16.3	Hazardous
Underlying Soil (2 to 3 feet)	15.6	0.7	16.5	0.8	Non-hazardous
0 to 2.5 feet	263.1	12.3	280.9	13.2	Hazardous
Underlying Soil (2.5 to 3 feet)	15.6	0.7	16.5	0.8	Non-hazardous
0 to 3 feet	221.9	10.4	236.8	11.1	Hazardous

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal.
Predicted WET lead concentrations were calculated using the equation of the regression line: $y = 0.0469x$.

Based on the above table, soil excavated from the surface to a depth of 0.5 foot would be classified as a California hazardous waste since the 90% UCL-predicted WET soluble lead concentration is greater than the STLC value for lead of 5.0 mg/l. Soil excavated from the top 0.5 foot cannot be reused and should be either (1) managed and disposed of as a California hazardous waste or (2) stockpiled and resampled to confirm waste classification in accordance with specific disposal facility acceptance criteria, if applicable.

Underlying soil (from 0.5 to 3 feet) where excavated separately would not be classified as a California hazardous waste. Thus, underlying soil from 0.5 to a depth of 3 feet at this gore location can be reused onsite or disposed of as non-hazardous soil with respect to lead content.

The total lead 95% UCL for the samples collected from the surface to a depth of 0.5 foot from Location 38 is greater than the residential and commercial land use CHHSLs and ESLs, and the construction exposure ESL. The total lead 95% UCLs for the samples collected from depths of 0.5 to 3 feet are greater than the residential land use CHHSL and ESL (except samples from 2 to 3 feet), but are less than the commercial land use CHHSL, ESL, and the construction exposure ESL.

6.14 Location 39

Total lead concentrations ranged from 8.5 to 730 mg/kg with an average total lead concentration of 71.0 mg/kg. The table below summarizes the excavation scenarios, the weighted average based on the calculated total lead UCLs, and the waste classification for excavated soil within the project limits as represented by borings L39-B235 through L39-B240 and L39-B330 through L39-B337.

Location 39 Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	95% UCL Predicted WET Lead (mg/l)	Waste Classification
0 to 0.5	254.8	12.0	277.2	13.0	Hazardous
Underlying Soil (0.5 to 3 feet)	38.7	1.8	41.8	2.0	Non-hazardous
0 to 1 foot	160.5	7.5	174.5	8.2	Hazardous
Underlying Soil (1 to 3 feet)	31.8	1.5	34.3	1.6	Non-hazardous
0 to 1.5 feet	121.7	5.7	132.3	6.2	Hazardous
Underlying Soil (1.5 to 3 feet)	27.7	1.3	29.7	1.4	Non-hazardous
0 to 2 feet	102.3	4.8	111.3	5.2	Hazardous
Underlying Soil (2 to 3 feet)	19.5	0.9	20.5	1.0	Non-hazardous
0 to 2.5 feet	85.7	4.0	93.1	4.4	Non-hazardous
Underlying Soil (2.5 to 3 feet)	19.5	0.9	20.5	1.0	Non-hazardous
0 to 3 feet	74.7	3.5	81.0	3.8	Non-hazardous

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal.
Predicted WET lead concentrations were calculated using the equation of the regression line: $y = 0.0469x$.

Based on the above table, soil excavated from the surface to a depth of 1.5 feet or shallower would be classified as a California hazardous waste since the 90% UCL-predicted WET soluble lead concentrations are greater than the STLC value for lead of 5.0 mg/l. Soil excavated from the top 1.5 feet or shallower cannot be reused and should be either (1) managed and disposed of as a California hazardous waste or (2) stockpiled and resampled to confirm waste classification in accordance with specific disposal facility acceptance criteria, if applicable.

If soil from the top 2.5 feet or deeper is excavated and managed as a whole, then soil generated from the top 2.5 feet or deeper would not be classified as a California hazardous waste since the 90% and 95% UCL-predicted WET soluble lead concentrations are less than the STLC for lead of 5.0 mg/l. Consequently, excavated soil from the top 2.5 feet or deeper can be reused or disposed of as non-hazardous soil with respect to lead content.

The total lead 95% UCL for the samples collected from the surface to a depth of 0.5 foot from Location 39 is greater than the residential land use CHHSL and ESL, but is less than the commercial land use CHHSL, ESL, and the construction exposure ESL. The total lead 95% UCLs for the samples collected from depths of 0.5 to 3 feet are less than the residential and commercial land use CHHSLs, ESLs, and the construction exposure ESL.

6.15 Location 40

Total lead concentrations ranged from 6.4 to 680 mg/kg with an average total lead concentration of 83.2 mg/kg. The table below summarizes the excavation scenarios, the weighted average based on the calculated total lead UCLs, and the waste classification for excavated soil within the project limits as represented by borings L40-B241 through L40-B246 and L40-B298 through L40-B305.

Location 40 Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	95% UCL Predicted WET Lead (mg/l)	Waste Classification
0 to 0.5	304.8	14.3	321.9	15.1	Hazardous
Underlying Soil (0.5 to 3 feet)	28.7	1.3	30.4	1.4	Non-hazardous
0 to 1 foot	166.7	7.8	175.9	8.2	Hazardous
Underlying Soil (1 to 3 feet)	28.8	1.3	30.5	1.4	Non-hazardous
0 to 1.5 feet	121.9	5.7	128.6	6.0	Hazardous
Underlying Soil (1.5 to 3 feet)	27.6	1.3	29.3	1.4	Non-hazardous
0 to 2 feet	99.5	4.7	105.0	4.9	Non-hazardous
Underlying Soil (2 to 3 feet)	25.2	1.2	26.9	1.3	Non-hazardous
0 to 2.5 feet	84.6	4.0	89.4	4.2	Non-hazardous
Underlying Soil (2.5 to 3 feet)	25.2	1.2	26.9	1.3	Non-hazardous
0 to 3 feet	74.7	3.5	79.0	3.7	Non-hazardous

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal.
Predicted WET lead concentrations were calculated using the equation of the regression line: $y = 0.0469x$.

Based on the above table, soil excavated from the surface to a depth of 1.5 feet or shallower would be classified as a California hazardous waste since the 90% UCL-predicted WET soluble lead concentrations are greater than the STLC value for lead of 5.0 mg/l. Soil excavated from the top 1.5 feet or shallower cannot be reused and should be either (1) managed and disposed of as a California hazardous waste or (2) stockpiled and resampled to confirm waste classification in accordance with specific disposal facility acceptance criteria, if applicable.

If soil from the top 2 feet or deeper is excavated and managed as a whole, then soil generated from the top 2 feet or deeper would not be classified as a California hazardous waste since the 90% and 95% UCL-predicted WET soluble lead concentrations are less than the STLC for lead of 5.0 mg/l. Consequently, excavated soil from the top 2 feet or deeper can be reused or disposed of as non-hazardous soil with respect to lead content.

The total lead 95% UCL for the samples collected from the surface to a depth of 0.5 foot from Location 40 is greater than the residential and commercial land use CHHSLs, ESLs, and the construction exposure ESL. The total lead 95% UCLs for the samples collected from depths of 0.5 to 3 feet are less than the residential and commercial land use CHHSLs, ESLs, and the construction exposure ESL.

6.16 Location 41

Total lead concentrations ranged from 7.5 to 4,700 mg/kg with an average total lead concentration of 341.5 mg/kg. The table below summarizes the excavation scenarios, the weighted average based on the calculated total lead UCLs, and the waste classification for excavated soil within the project limits as represented by borings L41-B247 through L41-B252 and L41-B282 through L41-B289.

Location 41 Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	95% UCL Predicted WET Lead (mg/l)	Waste Classification
0 to 0.5	1,466.0	68.8	1,558.0	73.1	Hazardous
Underlying Soil (0.5 to 3 feet)	72.3	3.4	78.4	3.7	Non-hazardous
0 to 1 foot	815.7	38.3	869.0	40.8	Hazardous
Underlying Soil (1 to 3 feet)	49.1	2.3	53.0	2.5	Non-hazardous
0 to 1.5 feet	562.0	26.4	598.9	28.1	Hazardous
Underlying Soil (1.5 to 3 feet)	47.2	2.2	51.1	2.4	Non-hazardous
0 to 2 feet	435.2	20.4	463.9	21.8	Hazardous
Underlying Soil (2 to 3 feet)	43.5	2.0	47.3	2.2	Non-hazardous
0 to 2.5 feet	356.8	16.7	380.5	17.8	Hazardous
Underlying Soil (2.5 to 3 feet)	43.5	2.0	47.3	2.2	Non-hazardous
0 to 3 feet	304.6	14.3	325.0	15.2	Hazardous

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal.
Predicted WET lead concentrations were calculated using the equation of the regression line: $y = 0.0469x$.

Based on the above table, soil excavated from the surface to a depth of 0.5 foot would be classified as a California hazardous waste since the 90% UCL-predicted WET soluble lead concentration is greater than the STLC value for lead of 5.0 mg/l. Soil excavated from the top 0.5 foot cannot be reused and should be either (1) managed and disposed of as a California hazardous waste or (2) stockpiled and resampled to confirm waste classification in accordance with specific disposal facility acceptance criteria, if applicable.

Underlying soil (from 0.5 to 3 feet) where excavated separately would not be classified as a California hazardous waste. Thus, underlying soil from 0.5 to a depth of 3 feet at this gore location can be reused onsite or disposed of as non-hazardous soil with respect to lead content.

The total lead 95% UCL for the samples collected from the surface to a depth of 0.5 foot from Location 41 is greater than the residential and commercial land use CHHSLs and ESLs, and the construction exposure ESL. The total lead 95% UCL for the samples collected from depths of 0.5 to 1 foot is greater than the residential land use CHHSL and ESL, but is less than the commercial land use CHHSL, ESL, and the construction exposure ESL. The total lead 95% UCLs for the samples collected from depths of 1 to 3 feet are less than the residential and commercial land use CHHSLs, ESLs, and the construction exposure ESL.

6.17 Location 42

Total lead concentrations ranged from 5.2 to 2,700 mg/kg with an average total lead concentration of 389.5 mg/kg. The table below summarizes the excavation scenarios, the weighted average based on the calculated total lead UCLs, and the waste classification for excavated soil within the project limits as represented by borings L42-B253 through L42-B258 and L42-B290 through L42-B297.

Location 42 Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	95% UCL Predicted WET Lead (mg/l)	Waste Classification
0 to 0.5	1,577.0	74.0	1,665.0	78.1	Hazardous
Underlying Soil (0.5 to 3 feet)	36.4	1.7	39.0	1.8	Non-hazardous
0 to 1 foot	821.2	38.5	867.6	40.7	Hazardous
Underlying Soil (1 to 3 feet)	29.2	1.4	31.2	1.5	Non-hazardous
0 to 1.5 feet	555.8	26.1	587.0	27.5	Hazardous
Underlying Soil (1.5 to 3 feet)	30.6	1.4	33.0	1.5	Non-hazardous
0 to 2 feet	423.1	19.8	446.7	21.0	Hazardous
Underlying Soil (2 to 3 feet)	33.5	1.6	36.5	1.7	Non-hazardous
0 to 2.5 feet	345.1	16.2	364.7	17.1	Hazardous
Underlying Soil (2.5 to 3 feet)	33.5	1.6	36.5	1.7	Non-hazardous
0 to 3 feet	293.2	13.8	310.0	14.5	Hazardous

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal.
Predicted WET lead concentrations were calculated using the equation of the regression line: $y = 0.0469x$.

Based on the above table, soil excavated from the surface to a depth of 0.5 foot would be classified as a California hazardous waste since the 90% UCL-predicted WET soluble lead concentrations are greater than the STLC value for lead of 5.0 mg/l. Soil excavated from the top 0.5 foot cannot be reused and should be either (1) managed and disposed of as a California hazardous waste or (2) stockpiled and resampled to confirm waste classification in accordance with specific disposal facility acceptance criteria, if applicable.

Underlying soil (from 0.5 to 3 feet) where excavated separately would not be classified as a California hazardous waste. Thus, underlying soil from 0.5 to a depth of 3 feet at this gore location can be reused onsite or disposed of as non-hazardous soil with respect to lead content.

The total lead 95% UCL for the samples collected from the surface to a depth of 0.5 foot from Location 42 is greater than the residential and commercial land use CHHSLs and ESLs, and the construction exposure ESL. The total lead 95% UCLs for the samples collected from depths of 0.5 to 3 feet are less than the residential and commercial land use CHHSLs, ESLs, and the construction exposure ESL.

6.18 Location 43

Total lead concentrations ranged from 12 to 4,300 mg/kg with an average total lead concentration of 454.3 mg/kg. The table below summarizes the excavation scenarios, the weighted average based on the calculated total lead UCLs, and the waste classification for excavated soil within the project limits as represented by borings L43-HA259 through L43-HA264 and L43-HA322 through L43-HA329.

Location 43 Excavation Depth	90% UCL Total Lead (mg/kg)	90% UCL Predicted WET Lead (mg/l)	95% UCL Total Lead (mg/kg)	95% UCL Predicted WET Lead (mg/l)	Waste Classification
0 to 0.5	941.0	44.1	990.4	46.4	Hazardous
Underlying Soil (0.5 to 3 feet)	557.6	26.2	628.3	29.5	Hazardous
0 to 1 foot	718.1	33.7	764.8	35.9	Hazardous
Underlying Soil (1 to 3 feet)	573.2	26.9	650.6	30.5	Hazardous
0 to 1.5 feet	732.3	34.3	801.4	37.6	Hazardous
Underlying Soil (1.5 to 3 feet)	510.7	24.0	575.9	27.0	Hazardous
0 to 2 feet	739.4	34.7	819.7	38.4	Hazardous
Underlying Soil (2 to 3 feet)	385.6	18.1	426.5	20.0	Hazardous
0 to 2.5 feet	668.7	31.4	741.0	34.8	Hazardous
Underlying Soil (2.5 to 3 feet)	385.6	18.1	426.5	20.0	Hazardous
0 to 3 feet	621.5	29.1	688.6	32.3	Hazardous

90% UCL applicable for waste classification and onsite reuse; 95% UCL applicable for risk assessment and offsite disposal.
Predicted WET lead concentrations were calculated using the equation of the regression line: $y = 0.0469x$.

Based on the above table, soil excavated from the surface to a depth of 3 feet or shallower would be classified as a California hazardous waste since the 90% UCL-predicted WET soluble lead concentrations are greater than the STLC value for lead of 5.0 mg/l. Soil excavated from the top 3 feet or shallower cannot be reused and should be either (1) managed and disposed of as a California hazardous waste or (2) stockpiled and resampled to confirm waste classification in accordance with specific disposal facility acceptance criteria, if applicable.

The total lead 95% UCLs for the samples collected from the surface to a depth of 3 feet from Location 43 are greater than the residential and commercial land use CHHSLs, ESLs, and the construction exposure ESL.

6.19 Worker Protection

Per Caltrans' requirements, the contractor(s) should prepare a project-specific Lead Compliance Plan (CCR Title 8, § 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.

6.20 Soil Transport and Disposal Cost Estimate

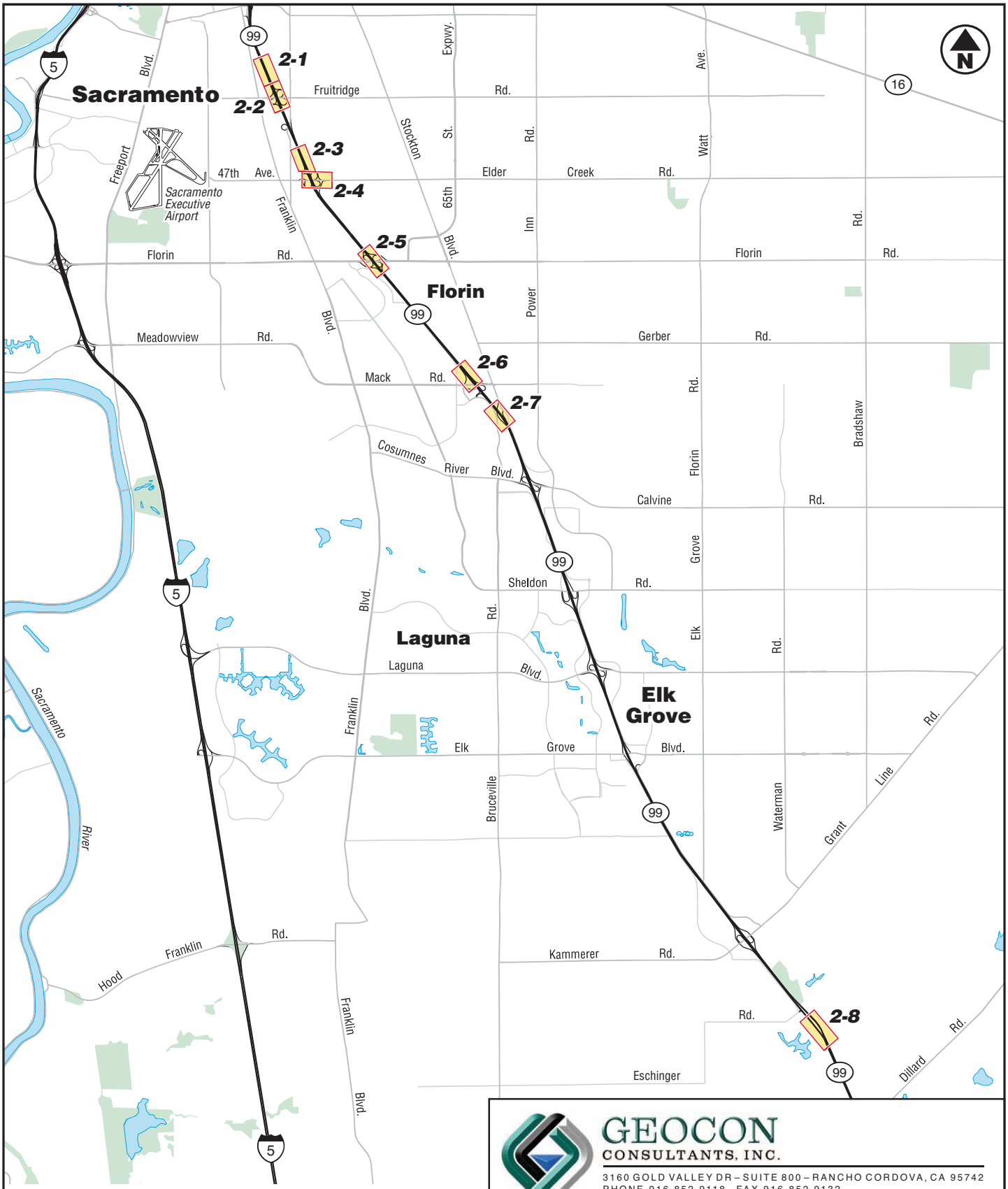
Per Caltrans, the approximate volumes of soil that may be generated at the gore point locations during excavation are summarized on Table 3.

For excavated soil to be disposed of at Clean Harbors located in Buttonwillow, California, the estimated costs for transportation and disposal (T&D) for excavated soil characterized as Class I Non-RCRA hazardous waste generated at selected gore point locations (per Caltrans) based on lead content are summarized on Table 3. The cost estimates assume a minimum volume of 23 tons. The T&D estimated costs do not include excavation, stockpiling or loading costs and should be used for preliminary planning purposes only. Actual T&D costs will vary based upon when the work is completed and the actual volume of soil requiring Class I disposal.

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. We 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

SAC-99 Gore Points

Sacramento, California	**VICINITY MAP**	
GEOCON Proj. No. S9805-01-58		
Task Order No. 58	December 2015	Figure 1

LEGEND:

- Approximate Boring Location

0 120

Scale in Feet

GEOCON CONSULTANTS, INC.

3160 GOLD VALLEY DR – SUITE 800 – RANCHO CORDOVA, CA 95742

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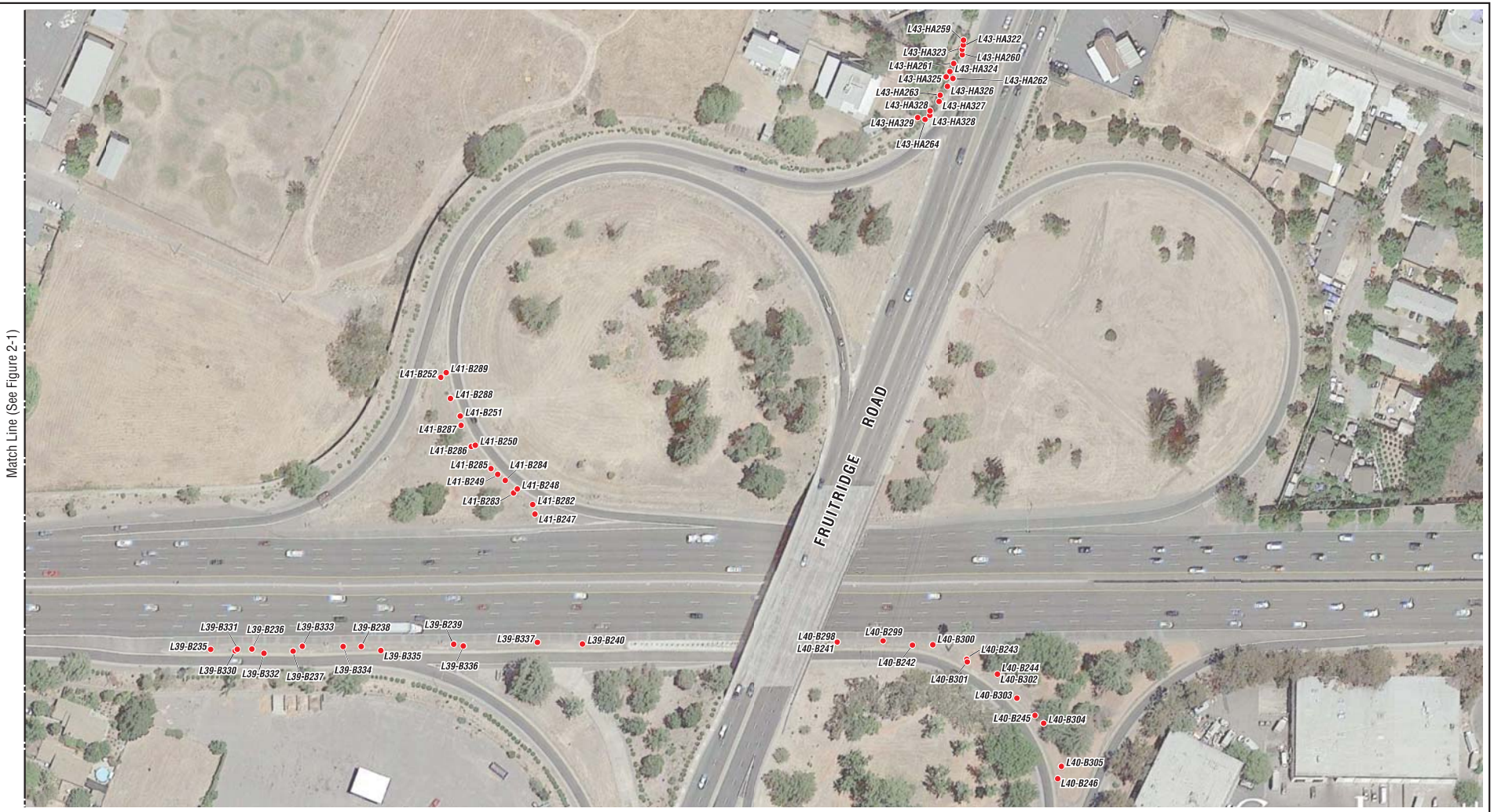
SAC-99 Gore Points

Sacramento, California	**SITE PLAN**	
GEOCON Proj. No. S9805-01-58		
Task Order No. 58	December 2015	Figure 2-1



LEGEND:

- Approximate Boring Location

0 120

Scale in Feet

GEOCON CONSULTANTS, INC.

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SAC-99 Gore Points

Sacramento, California	**SITE PLAN**	
GEOCON Proj. No. S9805-01-58		
Task Order No. 58	December 2015	Figure 2-2

LEGEND:

- Approximate Boring Location

0 120

Scale in Feet

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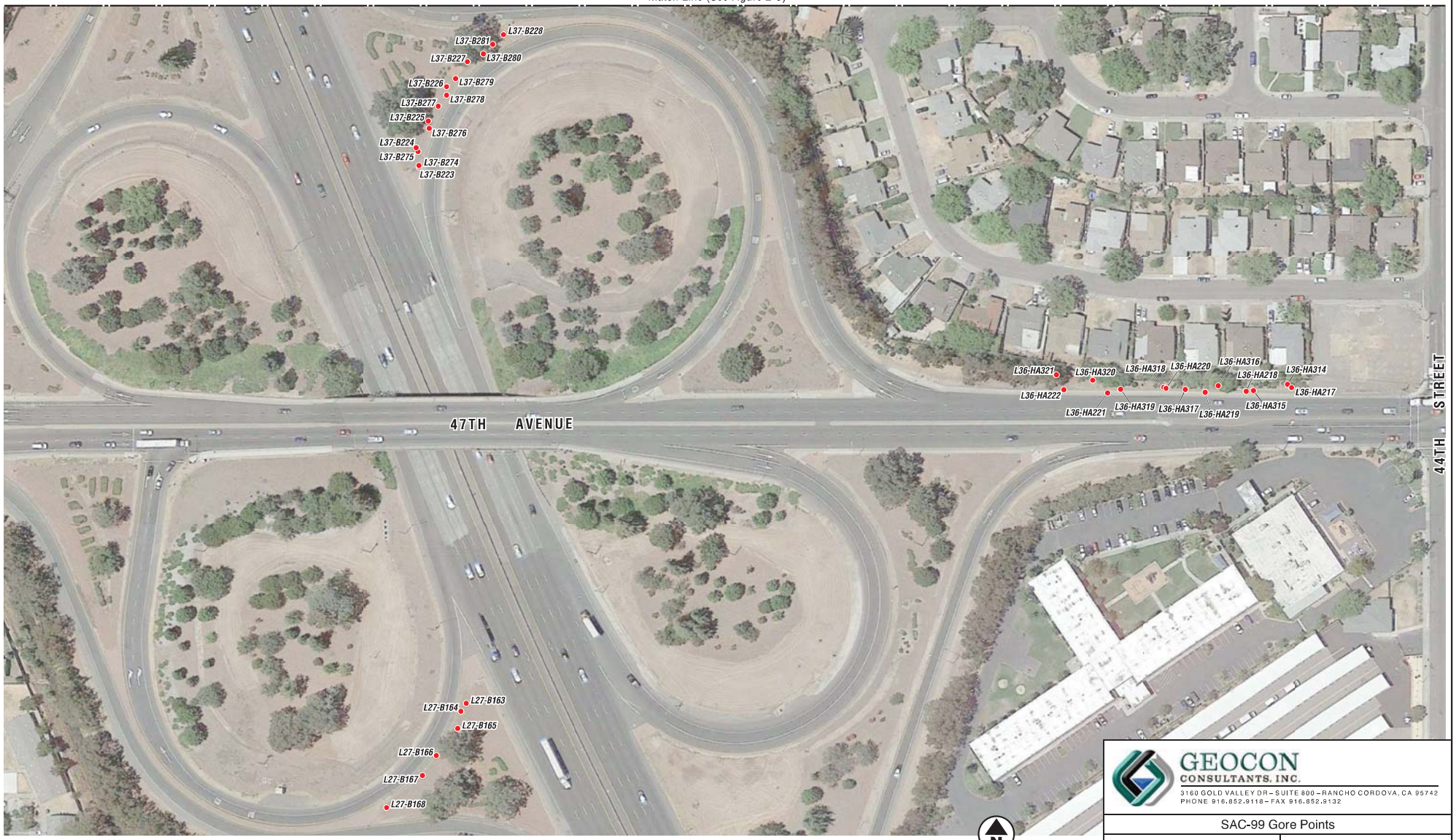
SAC-99 Gore Points

Sacramento, California	**SITE PLAN**	
GEOCON Proj. No. S9805-01-58		
Task Order No. 58	December 2015	Figure 2-3



LEGEND:

- Approximate Boring Location

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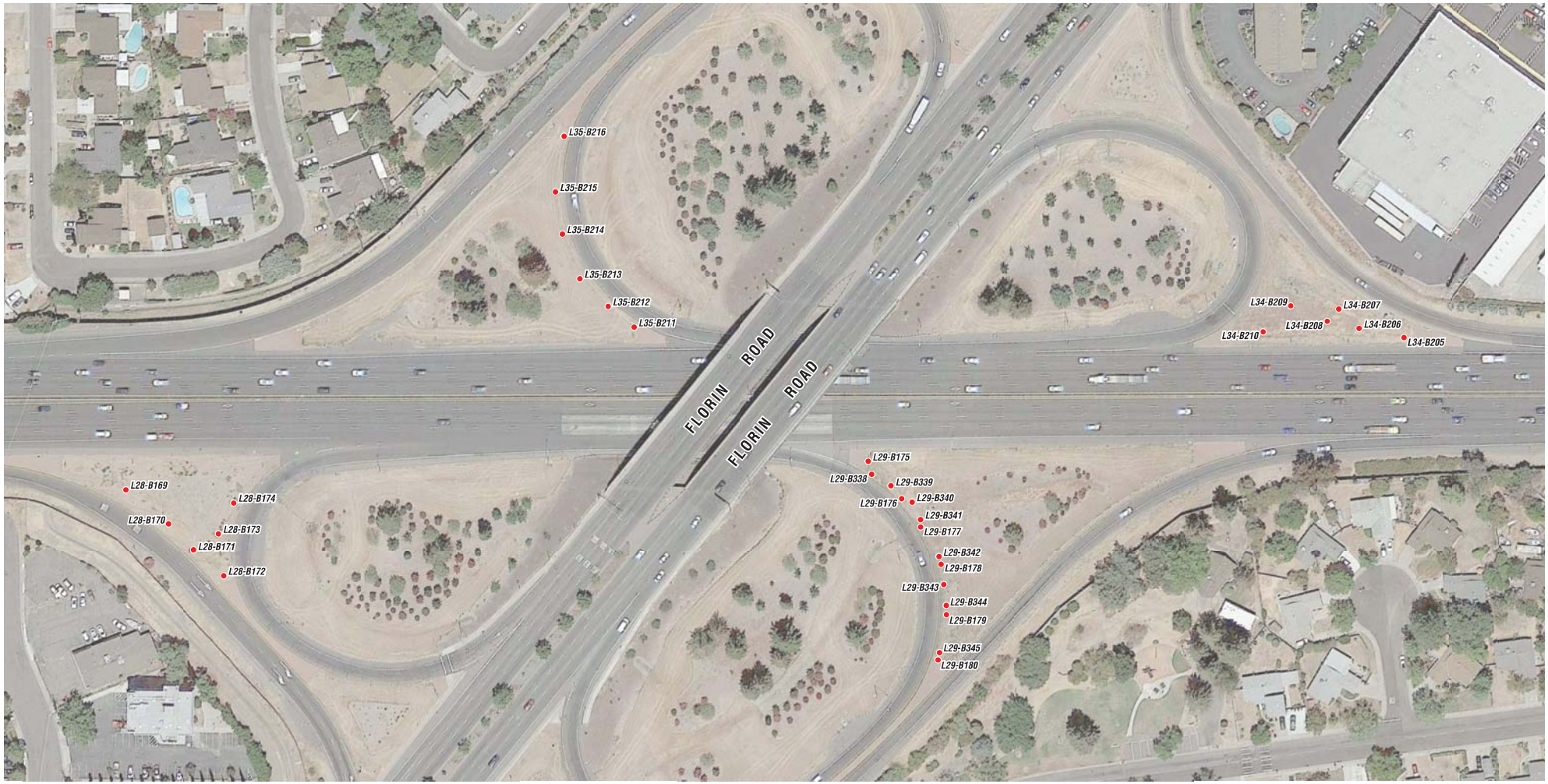
SAC-99 Gore Points

Sacramento, California	**SITE PLAN**	
GEOCON Proj. No. S9805-01-58		
Task Order No. 58	December 2015	Figure 2-4



LEGEND:

- Approximate Boring Location

0 120

Scale in Feet

GEOCON CONSULTANTS, INC.
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SAC-99 Gore Points

Sacramento, California	**SITE PLAN**	
GEOCON Proj. No. S9805-01-58		
Task Order No. 58	December 2015	Figure 2-5

LEGEND:

- Approximate Boring Location

0 120

Scale in Feet

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SAC-99 Gore Points

Sacramento, California	**SITE PLAN**	
GEOCON Proj. No. S9805-01-58		
Task Order No. 58	December 2015	Figure 2-6

LEGEND:

- Approximate Boring Location

0 120

Scale in Feet

GEOCON CONSULTANTS, INC.
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SAC-99 Gore Points

Sacramento, California	**SITE PLAN**	
GEOCON Proj. No. S9805-01-58		
Task Order No. 58	December 2015	Figure 2-7

LEGEND:

- Approximate Boring Location

0 120

Scale in Feet

GEOCON
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SAC-99 Gore Points

Sacramento, California	**SITE PLAN**	
GEOCON Proj. No. S9805-01-58		
Task Order No. 58	December 2015	Figure 2-8

TABLE 1
SUMMARY OF SOIL BORING COORDINATES
EA NO. 03-3F9301
STATE ROUTE 99 GORE POINTS
SACRAMENTO, CALIFORNIA

BORING ID	SAMPLE DATE	LATITUDE	LONGITUDE
LOCATION 26			
L26-HA157	10/12/2015	38.51505733	-121.4627371
L26-HA158	10/12/2015	38.51504899	-121.4627712
L26-HA159	10/12/2015	38.51504891	-121.4628015
L26-HA160	10/12/2015	38.51504353	-121.4627792
L26-HA161	10/12/2015	38.51504252	-121.4627805
L26-HA162	10/12/2015	38.51501775	-121.4628251
LOCATION 27			
L27-B163	10/12/2015	38.50940660	-121.4598538
L27-B164	10/12/2015	38.50938055	-121.4598794
L27-B165	10/12/2015	38.50931711	-121.4598939
L27-B166	10/12/2015	38.50921847	-121.4599928
L27-B167	10/12/2015	38.50914766	-121.4600545
L27-B168	10/12/2015	38.50903170	-121.4602214
LOCATION 28			
L27-B169	10/12/2015	38.49755129	-121.4480579
L28-B170	10/12/2015	38.49736587	-121.4480555
L28-B171	10/12/2015	38.49724204	-121.4480700
L28-B172	10/12/2015	38.49724902	-121.4480807
L28-B173	10/12/2015	38.49711074	-121.4480765
L28-B174	10/12/2015	38.49724148	-121.4478056
LOCATION 29			
L29-B175	10/12/2015	38.49567195	-121.4459163
L29-B176	10/12/2015	38.49550306	-121.4459503
L29-B177	10/12/2015	38.49539236	-121.4459907
L29-B178	10/12/2015	38.49525925	-121.4460595
L29-B179	10/12/2015	38.49513535	-121.4462134
L29-B180	10/12/2015	38.49505946	-121.4463883
L29-B338	11/4/2015	38.49563390	-121.4459505
L29-B339	11/4/2015	38.49555961	-121.4459358
L29-B340	11/4/2015	38.49546870	-121.4459307
L29-B341	11/4/2015	38.49540820	-121.4459662
L29-B342	11/4/2015	NA	NA
L29-B343	11/4/2015	NA	NA
L29-B344	11/4/2015	NA	NA
L29-B345	11/4/2015	NA	NA
LOCATION 30			
L30-HA181	10/12/2015	38.46924113	-121.4178457
L30-HA182	10/12/2015	38.46923968	-121.4178505
L30-HA183	10/12/2015	38.46925656	-121.4179034
L30-HA184	10/12/2015	38.46928277	-121.4178312
L30-HA185	10/12/2015	38.46939559	-121.4179406
L30-HA186	10/12/2015	38.46917315	-121.4177754

TABLE 1
SUMMARY OF SOIL BORING COORDINATES
EA NO. 03-3F9301
STATE ROUTE 99 GORE POINTS
SACRAMENTO, CALIFORNIA

BORING ID	SAMPLE DATE	LATITUDE	LONGITUDE
LOCATION 31			
L31-B187	10/12/2015	38.36039082	-121.3457445
L31-B188	10/12/2015	38.36037338	-121.3457069
L31-B189	10/12/2015	38.36028946	-121.3456077
L31-B190	10/12/2015	38.36023937	-121.3455424
L31-B191	10/12/2015	38.36011869	-121.3454632
L31-B192	10/12/2015	38.36002664	-121.3453078
L31-B266	11/3/2015	38.36051720	-121.3458592
L31-B267	11/3/2015	38.36045033	-121.3458182
L31-B268	11/3/2015	38.36040552	-121.3457336
L31-B269	11/3/2015	38.36034174	-121.3456451
L31-B270	11/3/2015	38.36028976	-121.3455688
L31-B271	11/3/2015	38.36016857	-121.3454822
L31-B272	11/3/2015	38.36009177	-121.3454121
L31-B273	11/3/2015	38.35998036	-121.3453032
LOCATION 32			
L32-B193	10/12/2015	38.46884937	-121.4167928
L32-B194	10/12/2015	38.46899652	-121.4169568
L32-B195	10/12/2015	38.46917572	-121.4171392
L32-B196	10/12/2015	38.46928444	-121.4172700
L32-B197	10/12/2015	38.46948499	-121.4174336
L32-B198	10/12/2015	38.46962291	-121.4176229
LOCATION 33			
L33-B199	10/12/2015	38.47496086	-121.4229276
L33-B200	10/12/2015	38.47528610	-121.4234136
L33-B201	10/12/2015	38.47565904	-121.4238142
L33-B202	10/12/2015	38.47692940	-121.4252000
L33-B203	10/12/2015	38.47693913	-121.4252206
L33-B204	10/12/2015	38.47748514	-121.4258301
LOCATION 34			
L34-B205	10/12/2015	38.49453614	-121.4440246
L34-B206	10/12/2015	38.49467380	-121.4441170
L34-B207	10/12/2015	38.49477013	-121.4441091
L34-B208	10/12/2015	38.49477219	-121.4441817
L34-B209	10/12/2015	38.49490265	-121.4442302
L34-B210	10/12/2015	38.49491790	-121.4443939
LOCATION 35			
L35-B211	10/12/2015	38.49657324	-121.4461142
L35-B212	10/12/2015	38.49668583	-121.4461165
L35-B213	10/12/2015	38.49681986	-121.4461008
L35-B214	10/12/2015	38.49696095	-121.4459999
L35-B215	10/12/2015	38.49707015	-121.4458799
L35-B216	10/12/2015	38.49716836	-121.4456690

TABLE 1
SUMMARY OF SOIL BORING COORDINATES
EA NO. 03-3F9301
STATE ROUTE 99 GORE POINTS
SACRAMENTO, CALIFORNIA

BORING ID	SAMPLE DATE	LATITUDE	LONGITUDE
LOCATION 36			
L36-HA217	10/12/2015	38.51054926	-121.4560412
L36-HA218	10/12/2015	38.51053595	-121.4562511
L36-HA219	10/12/2015	38.51053267	-121.4564406
L36-HA220	10/12/2015	38.51054664	-121.4566228
L36-HA221	10/12/2015	38.51053026	-121.4568922
L36-HA222	10/12/2015	38.51054176	-121.4570931
L36-HA314	11/3/2015	38.51056064	-121.4560591
L36-HA315	11/3/2015	38.51053718	-121.4562173
L36-HA316	11/3/2015	38.51055611	-121.4563807
L36-HA317	11/3/2015	38.51054206	-121.4565332
L36-HA318	11/3/2015	38.51054950	-121.4566321
L36-HA319	11/3/2015	38.51054260	-121.4568317
L36-HA320	11/3/2015	38.51057597	-121.4569607
L36-HA321	11/3/2015	38.51059578	-121.4571284
LOCATION 37			
L37-B223	10/12/2015	38.51134683	-121.4600718
L37-B224	10/12/2015	38.51141510	-121.4600848
L37-B225	10/12/2015	38.51150959	-121.4600255
L37-B226	10/12/2015	38.51163728	-121.4599449
L37-B227	10/12/2015	38.51172661	-121.4598492
L37-B228	10/12/2015	38.51182439	-121.4596810
L37-B274	11/3/2015	38.51135052	-121.4600727
L37-B275	11/3/2015	38.51140329	-121.4600776
L37-B276	11/3/2015	38.51148570	-121.4600259
L37-B277	11/3/2015	38.51156622	-121.4599843
L37-B278	11/3/2015	38.51160514	-121.4599446
L37-B279	11/3/2015	38.51166568	-121.4599032
L37-B280	11/3/2015	38.51175520	-121.4597747
L37-B281	11/3/2015	38.51179004	-121.4597305
LOCATION 38			
L38-HA229	10/13/2015	38.52873209	-121.4699300
L38-HA230	10/13/2015	38.52858009	-121.4698656
L38-HA231	10/13/2015	38.52842014	-121.4698033
L38-HA232	10/13/2015	38.52827089	-121.4697069
L38-HA233	10/13/2015	38.52808324	-121.4696356
L38-HA234	10/13/2015	38.52794824	-121.4695738
L38-HA306	11/3/2015	38.52871524	-121.4699484
L38-HA307	11/3/2015	38.52862544	-121.4698865
L38-HA308	11/3/2015	38.52847187	-121.4698096
L38-HA309	11/3/2015	38.52835304	-121.4697633
L38-HA310	11/3/2015	38.52827708	-121.4697065
L38-HA311	11/3/2015	38.52810618	-121.4696492
L38-HA312	11/3/2015	38.52795143	-121.4695830
L38-HA313	11/3/2015	38.52782521	-121.4695208

TABLE 1
SUMMARY OF SOIL BORING COORDINATES
EA NO. 03-3F9301
STATE ROUTE 99 GORE POINTS
SACRAMENTO, CALIFORNIA

BORING ID	SAMPLE DATE	LATITUDE	LONGITUDE
LOCATION 39			
L39-B235	10/13/2015	38.52668780	-121.4688833
L39-B236	10/13/2015	38.52655887	-121.4688168
L39-B237	10/13/2015	38.52642834	-121.4687568
L39-B238	10/13/2015	38.52622056	-121.4686301
L39-B239	10/13/2015	38.52593543	-121.4684715
L39-B240	10/13/2015	38.52553144	-121.4682586
L39-B330	11/4/2015	38.52660784	-121.4688496
L39-B331	11/4/2015	38.52660464	-121.4688430
L39-B332	11/4/2015	38.52651569	-121.4688132
L39-B333	11/4/2015	38.52640518	-121.4687222
L39-B334	11/4/2015	38.52627738	-121.4686588
L39-B335	11/4/2015	38.52615375	-121.4686137
L39-B336	11/4/2015	38.52590308	-121.4684624
L39-B337	11/4/2015	38.52567400	-121.4683267
LOCATION 40			
L40-B241	10/13/2015	38.52473946	-121.4678406
L40-B242	10/13/2015	38.52450018	-121.4677301
L40-B243	10/13/2015	38.5243131	-121.467701
L40-B244	10/13/2015	38.52419866	-121.4677092
L40-B245	10/13/2015	38.52402993	-121.4678116
L40-B246	10/13/2015	38.52387819	-121.4680272
L40-B298	11/3/2015	38.52473960	-121.4678432
L40-B299	11/3/2015	38.52459841	-121.4677619
L40-B300	11/3/2015	38.52443804	-121.4676982
L40-B301	11/3/2015	38.52430848	-121.4677099
L40-B302	11/3/2015	38.52419652	-121.4677067
L40-B303	11/3/2015	38.52410675	-121.4677717
L40-B304	11/3/2015	38.52399367	-121.4678306
L40-B305	11/3/2015	38.52388161	-121.4679722
LOCATION 41			
L41-B247	10/13/2015	38.52584746	-121.4678159
L41-B248	10/13/2015	38.52593926	-121.4677668
L41-B249	10/13/2015	38.52601239	-121.4677205
L41-B250	10/13/2015	38.52612151	-121.4676382
L41-B251	10/13/2015	38.52620421	-121.4675477
L41-B252	10/13/2015	38.52631400	-121.4674245
L41-B282	11/3/2015	38.52586607	-121.4677815
L41-B283	11/3/2015	38.52593294	-121.4677479
L41-B284	11/3/2015	38.52598178	-121.4677304
L41-B285	11/3/2015	38.52604073	-121.4677084
L41-B286	11/3/2015	38.52613090	-121.4676489
L41-B287	11/3/2015	38.52618924	-121.4675848
L41-B288	11/3/2015	38.52625695	-121.4674939
L41-B289	11/3/2015	38.52630327	-121.4673995

TABLE 1
SUMMARY OF SOIL BORING COORDINATES
EA NO. 03-3F9301
STATE ROUTE 99 GORE POINTS
SACRAMENTO, CALIFORNIA

BORING ID	SAMPLE DATE	LATITUDE	LONGITUDE
LOCATION 42			
L42-B253	10/13/2015	38.52868183	-121.4694105
L42-B254	10/13/2015	38.52885082	-121.4694720
L42-B255	10/13/2015	38.52917230	-121.4696517
L42-B256	10/13/2015	38.52947635	-121.4698175
L42-B257	10/13/2015	38.52983987	-121.4700235
L42-B258	10/13/2015	38.53026994	-121.4702242
L42-B290	11/3/2015	38.52868999	-121.4693710
L42-B291	11/3/2015	38.52884467	-121.4694796
L42-B292	11/3/2015	38.52905703	-121.4696219
L42-B293	11/3/2015	38.52929857	-121.4697314
L42-B294	11/3/2015	38.52956955	-121.4698602
L42-B295	11/3/2015	38.52993036	-121.4700551
L42-B296	11/3/2015	38.53019789	-121.4701541
L42-B297	11/3/2015	38.53050202	-121.4703616
LOCATION 43			
L43-HA259	10/13/2015	38.52510833	-121.4652320
L43-HA260	10/13/2015	38.52509294	-121.4652912
L43-HA261	10/13/2015	NA	NA
L43-HA262	10/13/2015	NA	NA
L43-HA263	10/13/2015	NA	NA
L43-HA264	10/13/2015	NA	NA
L43-HA322	11/4/2015	38.52510199	-121.4652502
L43-HA323	11/4/2015	38.52510181	-121.4652696
L43-HA324	11/4/2015	38.52511078	-121.4653789
L43-HA325	11/4/2015	38.52511639	-121.4654052
L43-HA326	11/4/2015	38.52509943	-121.4654412
L43-HA327	11/4/2015	38.52510640	-121.4655159
L43-HA328	11/4/2015	38.52512314	-121.4655677
L43-HA329	11/4/2015	38.52515302	-121.4656143

Notes: NA = GPS data not available

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS
EA NO. 03-3F9301
STATE ROUTE 99 GORE POINTS
SACRAMENTO, CALIFORNIA

SAMPLE ID	SAMPLE DEPTH INTERVAL (feet)	TOTAL LEAD (mg/kg)	WET LEAD (mg/l)	TCLP LEAD (mg/l)
LOCATION 26				
L26-HA157-0'	0-0.5	67	2.4	---
L26-HA157-0.5'	0.5-1	60	1.7	---
L26-HA157-1'	1-1.5	59	2.0	---
L26-HA158-0'	0-0.5	62	2.0	---
L26-HA158-0.5'	0.5-1	28	---	---
L26-HA158-1'	1-1.5	28	---	---
L26-HA159-0'	0-0.5	40	---	---
L26-HA159-0.5'	0.5-1	75	3.1	---
L26-HA159-1'	1-1.5	45	---	---
L26-HA160-0'	0-0.5	29	---	---
L26-HA160-0.5'	0.5-1	51	2.7	---
L26-HA160-1'	1-1.5	6.4	---	---
L26-HA161-0'	0-0.5	12	---	---
L26-HA161-0.5'	0.5-1	8.8	---	---
L26-HA161-1'	1-1.5	7.9	---	---
L26-HA162-0'	0-0.5	23	---	---
L26-HA162-0.5'	0.5-1	28	---	---
L26-HA162-1'	1-1.5	16	---	---
LOCATION 27				
L27-B163-0'	0-0.5	94	4.4	---
L27-B163-0.5'	0.5-1	7.6	---	---
L27-B163-1'	1-1.5	7.3	---	---
L27-B164-0'	0-0.5	80	5.3	---
L27-B164-0.5'	0.5-1	20	---	---
L27-B164-1'	1-1.5	6.9	---	---
L27-B165-0'	0-0.5	64	3.0	---
L27-B165-0.5'	0.5-1	8.9	---	---
L27-B165-1'	1-1.5	8.0	---	---
L27-B166-0'	0-0.5	27	---	---
L27-B166-0.5'	0.5-1	10	---	---
L27-B166-1'	1-1.5	8.3	---	---

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS
EA NO. 03-3F9301
STATE ROUTE 99 GORE POINTS
SACRAMENTO, CALIFORNIA

SAMPLE ID	SAMPLE DEPTH INTERVAL (feet)	TOTAL LEAD (mg/kg)	WET LEAD (mg/l)	TCLP LEAD (mg/l)
L27-B167-0'	0-0.5	94	5.5	---
L27-B167-0.5'	0.5-1	9.5	---	---
L27-B167-1'	1-1.5	12	---	---
L27-B168-0'	0-0.5	28	---	---
L27-B168-0.5'	0.5-1	11	---	---
L27-B168-1'	1-1.5	7.3	---	---
LOCATION 28				
L27-B169-0'	0-0.5	76	3.1	---
L27-B169-0.5'	0.5-1	8.9	---	---
L27-B169-1'	1-1.5	8.3	---	---
L28-B170-0'	0-0.5	45	---	---
L28-B170-0.5'	0.5-1	20	---	---
L28-B170-1'	1-1.5	8.2	---	---
L28-B171-0'	0-0.5	100	3.7	---
L28-B171-0.5'	0.5-1	8.8	---	---
L28-B171-1'	1-1.5	7.0	---	---
L28-B172-0'	0-0.5	100	7.1	<0.05
L28-B172-0.5'	0.5-1	6.9	---	---
L28-B172-1	1-1.5	8.2	---	---
L28-B173-0'	0-0.5	36	---	---
L28-B173-0.5'	0.5-1	7.1	---	---
L28-B173-1'	1-1.5	9.7	---	---
L28-B174-0'	0-0.5	37	---	---
L28-B174-0.5'	0.5-1	15	---	---
L28-B174-1'	1-1.5	11	---	---
LOCATION 29				
L29-B175-0'	0-0.5	450	21	0.13
L29-B175-0.5'	0.5-1	16	---	---
L29-B175-1'	1-1.5	30	---	---
L29-B176-0'	0-0.5	290	20	---
L29-B176-0.5'	0.5-1	95	<1.0	---
L29-B176-1'	1-1.5	18	---	---

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS
EA NO. 03-3F9301
STATE ROUTE 99 GORE POINTS
SACRAMENTO, CALIFORNIA

SAMPLE ID	SAMPLE DEPTH INTERVAL (feet)	TOTAL LEAD (mg/kg)	WET LEAD (mg/l)	TCLP LEAD (mg/l)
L29-B177-0'	0-0.5	280	9.4	---
L29-B177-0.5'	0.5-1	14	---	---
L29-B177-1'	1-1.5	16	---	---
L29-B178-0'	0-0.5	150	6.0	---
L29-B178-0.5'	0.5-1	36	---	---
L29-B178-1'	1-1.5	7.5	---	---
L29-B179-0'	0-0.5	170	2.7	---
L29-B179-0.5'	0.5-1	7.2	---	---
L29-B179-1'	1-1.5	8.7	---	---
L29-B180-0'	0-0.5	27	---	---
L29-B180-0.5'	0.5-1	7.9	---	---
L29-B180-1'	1-1.5	6.4	---	---
L29-B338-0'	0-0.5	570	28	---
L29-B338-0.5'	0.5-1	200	13	---
L29-B338-1'	1-1.5	120	5.5	---
L29-B338-2'	2-3	46	---	---
L29-B338-3'	3-3.5	24	---	---
L29-B339-0'	0-0.5	140	6.2	---
L29-B339-0.5'	0.5-1	83	6.4	---
L29-B339-1'	1-1.5	28	---	---
L29-B339-2'	2-3	99	<1.0	---
L29-B340-0'	0-0.5	27	---	---
L29-B340-0.5'	0.5-1	38	---	---
L29-B340-1'	1-1.5	8.4	---	---
L29-B340-2'	2-3	8.5	---	---
L29-B341-0'	0-0.5	230	8.8	---
L29-B341-0.5'	0.5-1	23	---	---
L29-B341-1'	1-1.5	14	---	---
L29-B341-2'	2-3	7.4	---	---
L29-B342-0'	0-0.5	53	1.8	---
L29-B342-0.5'	0.5-1	8.7	---	---
L29-B342-1'	1-1.5	7.4	---	---
L29-B342-2'	2-3	7.7	---	---

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS
EA NO. 03-3F9301
STATE ROUTE 99 GORE POINTS
SACRAMENTO, CALIFORNIA

SAMPLE ID	SAMPLE DEPTH INTERVAL (feet)	TOTAL LEAD (mg/kg)	WET LEAD (mg/l)	TCLP LEAD (mg/l)
L29-B343-0'	0-0.5	26	---	---
L29-B343-0.5'	0.5-1	8.8	---	---
L29-B343-1'	1-1.5	6.6	---	---
L29-B343-2'	2-3	5.5	---	---
L29-B344-0'	0-0.5	190	6.3	---
L29-B344-0.5'	0.5-1	10	---	---
L29-B344-1'	1-1.5	6.4	---	---
L29-B344-2'	2-3	8.0	---	---
L29-B345-0'	0-0.5	110	7.0	---
L29-B345-0.5'	0.5-1	68	2.3	---
L29-B345-1'	1-1.5	12	---	---
L29-B345-2'	2-3	6.9	---	---
LOCATION 30				
L30-HA181-0'	0-0.5	14	---	---
L30-HA181-0.5'	0.5-1	15	---	---
L30-HA181-1'	1-1.5	17	---	---
L30-HA182-0'	0-0.5	32	---	---
L30-HA182-0.5'	0.5-1	41	---	---
L30-HA182-1'	1-1.5	19	---	---
L30-HA183-0'	0-0.5	47	---	---
L30-HA183-0.5'	0.5-1	26	---	---
L30-HA183-1'	1-1.5	25	---	---
L30-HA184-0'	0-0.5	120	5.8	<0.05
L30-HA184-0.5'	0.5-1	19	---	---
L30-HA184-1'	1-1.5	32	---	---
L30-HA185-0'	0-0.5	29	---	---
L30-HA185-0.5'	0.5-1	29	---	---
L30-HA185-1'	1-1.5	30	---	---
L30-HA186-0'	0-0.5	9.3	---	---
L30-HA186-0.5'	0.5-1	9.6	---	---
L30-HA186-1'	1-1.5	6.4	---	---

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS
EA NO. 03-3F9301
STATE ROUTE 99 GORE POINTS
SACRAMENTO, CALIFORNIA

SAMPLE ID	SAMPLE DEPTH INTERVAL (feet)	TOTAL LEAD (mg/kg)	WET LEAD (mg/l)	TCLP LEAD (mg/l)
LOCATION 31				
L31-B187-0'	0-0.5	550	16	0.07
L31-B187-0.5'	0.5-1	6.7	---	---
L31-B187-1'	1-1.5	5.8	---	---
L31-B188-0'	0-0.5	170	26	---
L31-B188-0.5'	0.5-1	9.7	---	---
L31-B188-1'	1-1.5	5.0	---	---
L31-B189-0'	0-0.5	570	36	0.24
L31-B189-0.5'	0.5-1	15	---	---
L31-B189-1'	1-1.5	25	---	---
L31-B190-0'	0-0.5	510	25	1.8
L31-B190-0.5'	0.5-1	9.0	---	---
L31-B190-1'	1-1.5	7.1	---	---
L31-B191-0'	0-0.5	190	6.4	---
L31-B191-0.5'	0.5-1	9.5	---	---
L31-B191-1'	1-1.5	5.9	---	---
L31-B192-0'	0-0.5	68	5.9	---
L31-B192-0.5'	0.5-1	48	---	---
L31-B192-1'	1-1.5	5.4	---	---
L31-B266-0'	0-0.5	300	27	---
L31-B266-0.5'	0.5-1	4.6	---	---
L31-B266-1'	1-1.5	5.1	---	---
L31-B266-2'	2-3	5.2	---	---
L31-B267-0'	0-0.5	130	6.7	---
L31-B267-0.5'	0.5-1	6.7	---	---
L31-B267-1'	1-1.5	4.7	---	---
L31-B267-2'	2-3	4.2	---	---
L31-B268-0'	0-0.5	18	---	---
L31-B268-0.5'	0.5-1	16	---	---
L31-B268-1'	1-1.5	11	---	---
L31-B268-2'	2-3	9.4	---	---
L31-B269-0'	0-0.5	150	14	---
L31-B269-0.5'	0.5-1	26	---	---

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS
EA NO. 03-3F9301
STATE ROUTE 99 GORE POINTS
SACRAMENTO, CALIFORNIA

SAMPLE ID	SAMPLE DEPTH INTERVAL (feet)	TOTAL LEAD (mg/kg)	WET LEAD (mg/l)	TCLP LEAD (mg/l)
L31-B269-1'	1-1.5	6.2	---	---
L31-B269-2'	2-3	7.5	---	---
L31-B270-0'	0-0.5	360	19	---
L31-B270-0.5'	0.5-1	10	---	---
L31-B270-1'	1-1.5	7.8	---	---
L31-B270-2'	2-3	7.6	---	---
L31-B271-0'	0-0.5	8.3	---	---
L31-B271-0.5'	0.5-1	12	---	---
L31-B271-1'	1-1.5	6.7	---	---
L31-B271-2'	2-3	6.2	---	---
L31-B272-0'	0-0.5	16	---	---
L31-B272-0.5'	0.5-1	6.5	---	---
L31-B272-1'	1-1.5	4.9	---	---
L31-B272-2'	2-3	6.1	---	---
L31-B273-0'	0-0.5	52	5.7	---
L31-B273-0.5'	0.5-1	7.1	---	---
L31-B273-1'	1-1.5	3.1	---	---
L31-B273-2'	2-3	4.1	---	---
LOCATION 32				
L32-B193-0'	0-0.5	42	---	---
L32-B193-0.5'	0.5-1	8.1	---	---
L32-B193-1'	1-1.5	7.6	---	---
L32-B194-0'	0-0.5	32	---	---
L32-B194-0.5'	0.5-1	5.3	---	---
L32-B194-1'	1-1.5	5.1	---	---
L32-B195-0'	0-0.5	110	6.3	---
L32-B195-0.5'	0.5-1	7.2	---	---
L32-B195-1'	1-1.5	8.3	---	---
L32-B196-0'	0-0.5	24	---	---
L32-B196-0.5'	0.5-1	6.0	---	---
L32-B196-1'	1-1.5	6.9	---	---
L32-B197-0'	0-0.5	13	---	---
L32-B197-0.5'	0.5-1	4.6	---	---

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS
EA NO. 03-3F9301
STATE ROUTE 99 GORE POINTS
SACRAMENTO, CALIFORNIA

SAMPLE ID	SAMPLE DEPTH INTERVAL (feet)	TOTAL LEAD (mg/kg)	WET LEAD (mg/l)	TCLP LEAD (mg/l)
L32-B197-1'	1-1.5	5.8	---	---
L32-B198-0'	0-0.5	180	11	0.078
L32-B198-0.5'	0.5-1	7.0	---	---
L32-B198-1'	1-1.5	6.1	---	---
LOCATION 33				
L33-B199-0'	0-0.5	13	---	---
L33-B199-0.5'	0.5-1	16	---	---
L33-B199-1'	1-1.5	4.3	---	---
L33-B200-0'	0-0.5	22	---	---
L33-B200-0.5'	0.5-1	16	---	---
L33-B200-1'	1-1.5	4.4	---	---
L33-B201-0'	0-0.5	18	---	---
L33-B201-0.5'	0.5-1	7.3	---	---
L33-B201-1'	1-1.5	6.4	---	---
L33-B202-0'	0-0.5	28	---	---
L33-B202-0.5'	0.5-1	27	---	---
L33-B202-1'	1-1.5	22	---	---
L33-B203-0'	0-0.5	24	---	---
L33-B203-0.5'	0.5-1	60	<1.0	---
L33-B203-1'	1-1.5	22	---	---
L33-B204-0'	0-0.5	39	---	---
L33-B204-0.5'	0.5-1	16	---	---
L33-B204-1'	1-1.5	27	---	---
LOCATION 34				
L34-B205-0'	0-0.5	78	3.6	---
L34-B205-0.5'	0.5-1	180	11	0.096
L34-B205-1'	1-1.5	8.9	---	---
L34-B206-0'	0-0.5	88	3.6	---
L34-B206-0.5'	0.5-1	8.4	---	---
L34-B206-1'	1-1.5	9.2	---	---
L34-B207-0'	0-0.5	24	---	---
L34-B207-0.5'	0.5-1	7.3	---	---
L34-B207-1'	1-1.5	4.5	---	---

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SUMMARY OF SOIL ANALYTICAL RESULTS
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STATE ROUTE 99 GORE POINTS
SACRAMENTO, CALIFORNIA

SAMPLE ID	SAMPLE DEPTH INTERVAL (feet)	TOTAL LEAD (mg/kg)	WET LEAD (mg/l)	TCLP LEAD (mg/l)
L34-B208-0'	0-0.5	36	---	---
L34-B208-0.5'	0.5-1	8.6	---	---
L34-B208-1'	1-1.5	6.8	---	---
L34-B209-0'	0-0.5	96	2.1	---
L34-B209-0.5'	0.5-1	24	---	---
L34-B209-1'	1-1.5	5.0	---	---
L34-B210-0'	0-0.5	120	4.9	<0.05
L34-B210-0.5'	0.5-1	15	---	---
L34-B210-1'	1-1.5	7.9	---	---
LOCATION 35				
L35-B211-0'	0-0.5	75	5.5	---
L35-B211-0.5'	0.5-1	7.0	---	---
L35-B211-1'	1-1.5	6.8	---	---
L35-B212-0'	0-0.5	170	2.6	<0.05
L35-B212-0.5'	0.5-1	6.7	---	---
L35-B212-1'	1-1.5	8.3	---	---
L35-B213-0'	0-0.5	43	---	---
L35-B213-0.5'	0.5-1	5.5	---	---
L35-B213-1'	1-1.5	5.8	---	---
L35-B214-0'	0-0.5	15	---	---
L35-B214-0.5'	0.5-1	6.0	---	---
L35-B214-1'	1-1.5	4.4	---	---
L35-B215-0'	0-0.5	110	5.0	---
L35-B215-0.5'	0.5-1	30	---	---
L35-B215-1'	1-1.5	7.0	---	---
L35-B216-0'	0-0.5	85	1.5	---
L35-B216-0.5'	0.5-1	11	---	---
L35-B216-1'	1-1.5	5.9	---	---
LOCATION 36				
L36-HA217-0'	0-0.5	800	57	0.56
L36-HA217-0.5'	0.5-1	250	21	---
L36-HA217-1'	1-1.5	160	5.0	---
L36-HA218-0'	0-0.5	710	43	0.40

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SUMMARY OF SOIL ANALYTICAL RESULTS
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SAMPLE ID	SAMPLE DEPTH INTERVAL (feet)	TOTAL LEAD (mg/kg)	WET LEAD (mg/l)	TCLP LEAD (mg/l)
L36-HA218-0.5'	0.5-1	300	20	---
L36-HA218-1'	1-1.5	340	19	---
L36-HA219-0'	0-0.5	610	34	0.39
L36-HA219-0.5'	0.5-1	360	26	---
L36-HA219-1'	1-1.5	330	19	---
L36-HA220-0'	0-0.5	900	50	0.44
L36-HA220-0.5'	0.5-1	410	29	---
L36-HA220-1'	1-1.5	260	16	---
L36-HA221-0'	0-0.5	710	52	0.50
L36-HA221-0.5'	0.5-1	370	17	---
L36-HA221-1'	1-1.5	190	16	---
L36-HA222-0'	0-0.5	560	37	0.20
L36-HA222-0.5'	0.5-1	18	---	---
L36-HA222-1'	1-1.5	15	---	---
L36-HA314-0'	0-0.5	1,100	52	---
L36-HA314-0.5'	0.5-1	1,600	76	---
L36-HA314-1'	1-1.5	84	2.8	---
L36-HA314-2'	2-3	17	---	---
L36-HA315-0'	0-0.5	740	26	---
L36-HA315-0.5'	0.5-1	50	---	---
L36-HA315-1'	1-1.5	15	---	---
L36-HA315-2'	2-3	7.8	---	---
L36-HA316-0'	0-0.5	600	21	---
L36-HA316-0.5'	0.5-1	89	1.8	---
L36-HA316-1'	1-1.5	38	---	---
L36-HA316-2'	2-3	12	---	---
L36-HA317-0'	0-0.5	570	21	---
L36-HA317-0.5'	0.5-1	71	1.5	---
L36-HA317-1'	1-1.5	44	---	---
L36-HA317-2'	2-3	58	1.2	---
L36-HA318-0'	0-0.5	660	27	---
L36-HA318-0.5'	0.5-1	520	17	---
L36-HA318-1'	1-1.5	80	2.5	---

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS
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SAMPLE ID	SAMPLE DEPTH INTERVAL (feet)	TOTAL LEAD (mg/kg)	WET LEAD (mg/l)	TCLP LEAD (mg/l)
L36-HA318-2'	2-3	20	---	---
L36-HA319-0'	0-0.5	760	28	---
L36-HA319-0.5'	0.5-1	72	2.4	---
L36-HA319-1'	1-1.5	40	---	---
L36-HA319-2'	2-3	10	---	---
L36-HA320-0'	0-0.5	630	21	---
L36-HA320-0.5'	0.5-1	110	2.9	---
L36-HA320-1'	1-1.5	27	---	---
L36-HA320-2'	2-3	11	---	---
L36-HA321-0'	0-0.5	660	26	---
L36-HA321-0.5'	0.5-1	160	2.5	---
L36-HA321-1'	1-1.5	59	2.4	---
L36-HA321-2'	2-3	12	---	---
LOCATION 37				
L37-B223-0'	0-0.5	910	63	0.19
L37-B223-0.5'	0.5-1	390	23	---
L37-B223-1'	1-1.5	190	19	---
L37-B224-0'	0-0.5	190	30	---
L37-B224-0.5'	0.5-1	10	---	---
L37-B224-1'	1-1.5	13	---	---
L37-B225-0'	0-0.5	530	36	0.13
L37-B225-0.5'	0.5-1	45	---	---
L37-B225-1'	1-1.5	30	---	---
L37-B226-0'	0-0.5	110	11	---
L37-B226-0.5'	0.5-1	24	---	---
L37-B226-1'	1-1.5	6.4	---	---
L37-B227-0'	0-0.5	170	4.1	---
L37-B227-0.5'	0.5-1	21	---	---
L37-B227-1'	1-1.5	5.6	---	---
L37-B228-0'	0-0.5	45	---	---
L37-B228-0.5'	0.5-1	6.1	---	---
L37-B228-1'	1-1.5	5.2	---	---
L37-B274-0'	0-0.5	720	47	---

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS
EA NO. 03-3F9301
STATE ROUTE 99 GORE POINTS
SACRAMENTO, CALIFORNIA

SAMPLE ID	SAMPLE DEPTH INTERVAL (feet)	TOTAL LEAD (mg/kg)	WET LEAD (mg/l)	TCLP LEAD (mg/l)
L37-B274-0.5'	0.5-1	210	13	---
L37-B274-1'	1-1.5	110	6.8	---
L37-B274-2'	2-3	360	16	---
L37-B275-0'	0-0.5	280	23	---
L37-B275-0.5'	0.5-1	21	---	---
L37-B275-1'	1-1.5	120	1.8	---
L37-B275-2'	2-3	8.1	---	---
L37-B276-0'	0-0.5	330	15	---
L37-B276-0.5'	0.5-1	380	16	---
L37-B276-1'	1-1.5	13	---	---
L37-B276-2'	2-3	7.8	---	---
L37-B277-0'	0-0.5	360	59	---
L37-B277-0.5'	0.5-1	37	---	---
L37-B277-1'	1-1.5	98	1.4	---
L37-B277-2'	2-3	7.4	---	---
L37-B278-0'	0-0.5	420	26	---
L37-B278-0.5'	0.5-1	7.2	---	---
L37-B278-1'	1-1.5	7.6	---	---
L37-B278-2'	2-3	6.7	---	---
L37-B279-0'	0-0.5	170	22	---
L37-B279-0.5'	0.5-1	16	---	---
L37-B279-1'	1-1.5	8.4	---	---
L37-B279-2'	2-3	6.2	---	---
L37-B280-0'	0-0.5	270	12	---
L37-B280-0.5'	0.5-1	220	8.7	---
L37-B280-1'	1-1.5	8.9	---	---
L37-B280-2'	2-3	5.1	---	---
L37-B281-0'	0-0.5	22	---	---
L37-B281-0.5'	0.5-1	6.6	---	---
L37-B281-1'	1-1.5	6.0	---	---
L37-B281-2'	2-3	6.0	---	---

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS
EA NO. 03-3F9301
STATE ROUTE 99 GORE POINTS
SACRAMENTO, CALIFORNIA

SAMPLE ID	SAMPLE DEPTH INTERVAL (feet)	TOTAL LEAD (mg/kg)	WET LEAD (mg/l)	TCLP LEAD (mg/l)
LOCATION 38				
L38-HA229-0'	0-0.5	250	13	---
L38-HA229-0.5'	0.5-1	10	---	---
L38-HA229-1'	1-1.5	16	---	---
L38-HA230-0'	0-0.5	670	43	0.21
L38-HA230-0.5'	0.5-1	49	---	---
L38-HA230-1'	1-1.5	12	---	---
L38-HA231-0'	0-0.5	420	20	---
L38-HA231-0.5'	0.5-1	30	---	---
L38-HA231-1'	1-1.5	15	---	---
L38-HA232-0'	0-0.5	440	29	---
L38-HA232-0.5'	0.5-1	160	8.8	---
L38-HA232-1'	1-1.5	30	---	---
L38-HA233-0'	0-0.5	230	15	---
L38-HA233-0.5'	0.5-1	23	---	---
L38-HA233-1'	1-1.5	19	---	---
L38-HA234-0'	0-0.5	470	22	---
L38-HA234-0.5'	0.5-1	32	---	---
L38-HA234-1'	1-1.5	3.8	---	---
L38-HA306-0'	0-0.5	1,900	50	---
L38-HA306-0.5'	0.5-1	540	19	---
L38-HA306-1'	1-1.5	160	4.4	---
L38-HA306-2'	2-3	17	---	---
L38-HA307-0'	0-0.5	1,600	57	---
L38-HA307-0.5'	0.5-1	73	2.0	---
L38-HA307-1'	1-1.5	420	3.6	---
L38-HA307-2'	2-3	9.3	---	---
L38-HA308-0'	0-0.5	1,200	30	---
L38-HA308-0.5'	0.5-1	200	4.1	---
L38-HA308-1'	1-1.5	59	1.2	---
L38-HA308-2'	2-3	14	---	---
L38-HA309-0'	0-0.5	1,600	51	---

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS
EA NO. 03-3F9301
STATE ROUTE 99 GORE POINTS
SACRAMENTO, CALIFORNIA

SAMPLE ID	SAMPLE DEPTH INTERVAL (feet)	TOTAL LEAD (mg/kg)	WET LEAD (mg/l)	TCLP LEAD (mg/l)
L38-HA309-0.5'	0.5-1	240	8.5	---
L38-HA309-1'	1-1.5	57	<1.0	---
L38-HA309-2'	2-3	15	---	---
L38-HA310-0'	0-0.5	220	6.8	---
L38-HA310-0.5'	0.5-1	33	---	---
L38-HA310-1'	1-1.5	29	---	---
L38-HA310-2'	2-3	7.7	---	---
L38-HA311-0'	0-0.5	310	9.2	---
L38-HA311-0.5'	0.5-1	370	9.5	---
L38-HA311-1'	1-1.5	21	---	---
L38-HA311-2'	2-3	25	---	---
L38-HA312-0'	0-0.5	110	1.7	---
L38-HA312-0.5'	0.5-1	290	9.0	---
L38-HA312-1'	1-1.5	20	---	---
L38-HA312-2'	2-3	11	---	---
L38-HA313-0'	0-0.5	370	14	---
L38-HA313-0.5'	0.5-1	15	---	---
L38-HA313-1'	1-1.5	8.9	---	---
L38-HA313-2'	2-3	5.6	---	---
LOCATION 39				
L39-B235-0'	0-0.5	29	---	---
L39-B235-0.5'	0.5-1	9.2	---	---
L39-B235-1'	1-1.5	11	---	---
L39-B236-0'	0-0.5	130	4.8	---
L39-B236-0.5'	0.5-1	14	---	---
L39-B236-1'	1-1.5	39	---	---
L39-B237-0'	0-0.5	660	49	<0.05
L39-B237-0.5'	0.5-1	310	46	---
L39-B237-1'	1-1.5	180	15	---
L39-B238-0'	0-0.5	250	18	---
L39-B238-0.5'	0.5-1	14	---	---
L39-B238-1'	1-1.5	13	---	---
L39-B239-0'	0-0.5	110	9.4	---

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS
EA NO. 03-3F9301
STATE ROUTE 99 GORE POINTS
SACRAMENTO, CALIFORNIA

SAMPLE ID	SAMPLE DEPTH INTERVAL (feet)	TOTAL LEAD (mg/kg)	WET LEAD (mg/l)	TCLP LEAD (mg/l)
L39-B239-0.5'	0.5-1	11	---	---
L39-B239-1'	1-1.5	11	---	---
L39-B240-0'	0-0.5	45	---	---
L39-B240-0.5'	0.5-1	13	---	---
L39-B240-1'	1-1.5	9.4	---	---
L39-B330-0'	0-0.5	730	22	---
L39-B330-0.5'	0.5-1	19	---	---
L39-B330-1'	1-1.5	30	---	---
L39-B330-2'	2-3	15	---	---
L39-B331-0'	0-0.5	270	6.8	---
L39-B331-0.5'	0.5-1	32	---	---
L39-B331-1'	1-1.5	38	---	---
L39-B331-2'	2-3	33	---	---
L39-B332-0'	0-0.5	140	8.7	---
L39-B332-0.5'	0.5-1	21	---	---
L39-B332-1'	1-1.5	11	---	---
L39-B332-2'	2-3	14	---	---
L39-B333-0'	0-0.5	22	---	---
L39-B333-0.5'	0.5-1	16	---	---
L39-B333-1'	1-1.5	18	---	---
L39-B333-2'	2-3	14	---	---
L39-B334-0'	0-0.5	16	---	---
L39-B334-0.5'	0.5-1	59	1.5	---
L39-B334-1'	1-1.5	16	---	---
L39-B334-2'	2-3	13	---	---
L39-B335-0'	0-0.5	20	---	---
L39-B335-0.5'	0.5-1	13	---	---
L39-B335-1'	1-1.5	11	---	---
L39-B335-2'	2-3	12	---	---
L39-B336-0'	0-0.5	17	---	---
L39-B336-0.5'	0.5-1	10	---	---
L39-B336-1'	1-1.5	10	---	---
L39-B336-2'	2-3	21	---	---

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS
EA NO. 03-3F9301
STATE ROUTE 99 GORE POINTS
SACRAMENTO, CALIFORNIA

SAMPLE ID	SAMPLE DEPTH INTERVAL (feet)	TOTAL LEAD (mg/kg)	WET LEAD (mg/l)	TCLP LEAD (mg/l)
L39-B337-0'	0-0.5	13	---	---
L39-B337-0.5'	0.5-1	13	---	---
L39-B337-1'	1-1.5	14	---	---
L39-B337-2'	2-3	8.5	---	---
LOCATION 40				
L40-B241-0'	0-0.5	480	39	---
L40-B241-0.5'	0.5-1	42	---	---
L40-B241-1'	1-1.5	19	---	---
L40-B242-0'	0-0.5	680	50	0.62
L40-B242-0.5'	0.5-1	23	---	---
L40-B242-1'	1-1.5	98	4.5	---
L40-B243-0'	0-0.5	480	23	---
L40-B243-0.5'	0.5-1	60	3.4	---
L40-B243-1'	1-1.5	34	---	---
L40-B244-0'	0-0.5	470	21	---
L40-B244-0.5'	0.5-1	15	---	---
L40-B244-1'	1-1.5	12	---	---
L40-B245-0'	0-0.5	140	6.8	---
L40-B245-0.5'	0.5-1	30	---	---
L40-B245-1'	1-1.5	13	---	---
L40-B246-0'	0-0.5	200	7.5	---
L40-B246-0.5'	0.5-1	18	---	---
L40-B246-1'	1-1.5	27	---	---
L40-B298-0'	0-0.5	100	6.8	---
L40-B298-0.5'	0.5-1	22	---	---
L40-B298-1'	1-1.5	23	---	---
L40-B298-2'	2-3	18	---	---
L40-B299-0'	0-0.5	200	<1.0	---
L40-B299-0.5'	0.5-1	7.4	---	---
L40-B299-1'	1-1.5	6.8	---	---
L40-B299-2'	2-3	7.1	---	---
L40-B300-0'	0-0.5	15	---	---
L40-B300-0.5'	0.5-1	11	---	---

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS
EA NO. 03-3F9301
STATE ROUTE 99 GORE POINTS
SACRAMENTO, CALIFORNIA

SAMPLE ID	SAMPLE DEPTH INTERVAL (feet)	TOTAL LEAD (mg/kg)	WET LEAD (mg/l)	TCLP LEAD (mg/l)
L40-B300-1'	1-1.5	8.9	---	---
L40-B300-2'	2-3	12	---	---
L40-B301-0'	0-0.5	58	1.3	---
L40-B301-0.5'	0.5-1	11	---	---
L40-B301-1'	1-1.5	13	---	---
L40-B301-2'	2-3	37	---	---
L40-B302-0'	0-0.5	200	13	---
L40-B302-0.5'	0.5-1	46	---	---
L40-B302-1'	1-1.5	24	---	---
L40-B302-2'	2-3	46	---	---
L40-B303-0'	0-0.5	73	2.0	---
L40-B303-0.5'	0.5-1	12	---	---
L40-B303-1'	1-1.5	34	---	---
L40-B303-2'	2-3	17	---	---
L40-B304-0'	0-0.5	140	8.0	---
L40-B304-0.5'	0.5-1	15	---	---
L40-B304-1'	1-1.5	17	---	---
L40-B304-2'	2-3	6.4	---	---
L40-B305-0'	0-0.5	100	7.0	---
L40-B305-0.5'	0.5-1	13	---	---
L40-B305-1'	1-1.5	16	---	---
L40-B305-2'	2-3	8.8	---	---
LOCATION 41				
L41-B247-0'	0-0.5	870	36	0.79
L41-B247-0.5'	0.5-1	100	5.6	---
L41-B247-1'	1-1.5	21	---	---
L41-B248-0'	0-0.5	4,700	160	1.9
L41-B248-0.5'	0.5-1	23	---	---
L41-B248-1'	1-1.5	26	---	---
L41-B249-0'	0-0.5	1,500	190	1.5
L41-B249-0.5'	0.5-1	48	---	---
L41-B249-1'	1-1.5	140	6.3	---
L41-B250-0'	0-0.5	530	34	---

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS
EA NO. 03-3F9301
STATE ROUTE 99 GORE POINTS
SACRAMENTO, CALIFORNIA

SAMPLE ID	SAMPLE DEPTH INTERVAL (feet)	TOTAL LEAD (mg/kg)	WET LEAD (mg/l)	TCLP LEAD (mg/l)
L41-B250-0.5'	0.5-1	150	3.7	---
L41-B250-1'	1-1.5	8.3	---	---
L41-B251-0'	0-0.5	510	23	---
L41-B251-0.5'	0.5-1	120	4.4	---
L41-B251-1'	1-1.5	120	12	---
L41-B252-0'	0-0.5	350	18	---
L41-B252-0.5'	0.5-1	73	2.7	---
L41-B252-1'	1-1.5	38	---	---
L41-B282-0'	0-0.5	400	23	---
L41-B282-0.5'	0.5-1	140	2.1	---
L41-B282-1'	1-1.5	17	---	---
L41-B282-2'	2-3	9.7	---	---
L41-B283-0'	0-0.5	2,900	160	---
L41-B283-0.5'	0.5-1	590	18	---
L41-B283-1'	1-1.5	55	2.3	---
L41-B283-2'	2-3	100	3.6	---
L41-B284-0'	0-0.5	660	89	---
L41-B284-0.5'	0.5-1	26	---	---
L41-B284-1'	1-1.5	60	1.6	---
L41-B284-2'	2-3	39	---	---
L41-B285-0'	0-0.5	870	74	---
L41-B285-0.5'	0.5-1	210	10	---
L41-B285-1'	1-1.5	21	---	---
L41-B285-2'	2-3	7.6	---	---
L41-B286-0'	0-0.5	270	15	---
L41-B286-0.5'	0.5-1	7.8	---	---
L41-B286-1'	1-1.5	7.5	---	---
L41-B286-2'	2-3	8.1	---	---
L41-B287-0'	0-0.5	650	64	---
L41-B287-0.5'	0.5-1	92	2.3	---
L41-B287-1'	1-1.5	41	---	---
L41-B287-2'	2-3	48	---	---
L41-B288-0'	0-0.5	230	20	---

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EA NO. 03-3F9301
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SAMPLE ID	SAMPLE DEPTH INTERVAL (feet)	TOTAL LEAD (mg/kg)	WET LEAD (mg/l)	TCLP LEAD (mg/l)
L41-B288-0.5'	0.5-1	58	<1.0	---
L41-B288-1'	1-1.5	12	---	---
L41-B288-2'	2-3	13	---	---
L41-B289-0'	0-0.5	170	12	---
L41-B289-0.5'	0.5-1	8.9	---	---
L41-B289-1'	1-1.5	8.8	---	---
L41-B289-2'	2-3	17	---	---
LOCATION 42				
L42-B253-0'	0-0.5	830	35	0.98
L42-B253-0.5'	0.5-1	26	---	---
L42-B253-1'	1-1.5	24	---	---
L42-B254-0'	0-0.5	2,600	160	1.9
L42-B254-0.5'	0.5-1	17	---	---
L42-B254-1'	1-1.5	21	---	---
L42-B255-0'	0-0.5	1,400	99	1.1
L42-B255-0.5'	0.5-1	51	3.7	---
L42-B255-1'	1-1.5	19	---	---
L42-B256-0'	0-0.5	1,200	100	1.8
L42-B256-0.5'	0.5-1	25	---	---
L42-B256-1'	1-1.5	10	---	---
L42-B257-0'	0-0.5	410	33	---
L42-B257-0.5'	0.5-1	88	8.6	---
L42-B257-1'	1-1.5	44	---	---
L42-B258-0'	0-0.5	2,700	180	1.3
L42-B258-0.5'	0.5-1	16	---	---
L42-B258-1'	1-1.5	9.6	---	---
L42-B290-0'	0-0.5	540	21	---
L42-B290-0.5'	0.5-1	22	---	---
L42-B290-1'	1-1.5	22	---	---
L42-B290-2'	2-3	5.2	---	---
L42-B291-0'	0-0.5	1,400	120	---
L42-B291-0.5'	0.5-1	110	2.5	---
L42-B291-1'	1-1.5	20	---	---

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SAMPLE ID	SAMPLE DEPTH INTERVAL (feet)	TOTAL LEAD (mg/kg)	WET LEAD (mg/l)	TCLP LEAD (mg/l)
L42-B291-2'	2-3	85	4.4	---
L42-B292-0'	0-0.5	2,200	110	---
L42-B292-0.5'	0.5-1	37	---	---
L42-B292-1'	1-1.5	9.6	---	---
L42-B292-2'	2-3	15	---	---
L42-B293-0'	0-0.5	300	25	---
L42-B293-0.5'	0.5-1	21	---	---
L42-B293-1'	1-1.5	22	---	---
L42-B293-2'	2-3	33	---	---
L42-B294-0'	0-0.5	2,000	86	---
L42-B294-0.5'	0.5-1	25	---	---
L42-B294-1'	1-1.5	24	---	---
L42-B294-2'	2-3	11	---	---
L42-B295-0'	0-0.5	180	20	---
L42-B295-0.5'	0.5-1	26	---	---
L42-B295-1'	1-1.5	11	---	---
L42-B295-2'	2-3	7.7	---	---
L42-B296-0'	0-0.5	950	52	---
L42-B296-0.5'	0.5-1	39	---	---
L42-B296-1'	1-1.5	11	---	---
L42-B296-2'	2-3	8.9	---	---
L42-B297-0'	0-0.5	1,600	140	---
L42-B297-0.5'	0.5-1	190	7.3	---
L42-B297-1'	1-1.5	47	---	---
L42-B297-2'	2-3	9.7	---	---
LOCATION 43				
L43-HA259-0'	0-0.5	260	36	---
L43-HA259-0.5'	0.5-1	480	35	---
L43-HA259-1'	1-1.5	230	15	---
L43-HA260-0'	0-0.5	1,400	96	0.75
L43-HA260-0.5'	0.5-1	100	5.1	---
L43-HA260-1'	1-1.5	27	---	---
L43-HA261-0'	0-0.5	830	56	0.37
L43-HA261-0.5'	0.5-1	310	18	---

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS
EA NO. 03-3F9301
STATE ROUTE 99 GORE POINTS
SACRAMENTO, CALIFORNIA

SAMPLE ID	SAMPLE DEPTH INTERVAL (feet)	TOTAL LEAD (mg/kg)	WET LEAD (mg/l)	TCLP LEAD (mg/l)
L43-HA261-1'	1-1.5	72	4.0	---
L43-HA262-0'	0-0.5	690	47	0.27
L43-HA262-0.5'	0.5-1	60	3.3	---
L43-HA262-1'	1-1.5	12	---	---
L43-HA263-0'	0-0.5	300	16	---
L43-HA263-0.5'	0.5-1	220	8.1	---
L43-HA263-1'	1-1.5	65	2.0	---
L43-HA264-0'	0-0.5	470	32	---
L43-HA264-0.5'	0.5-1	68	<1.0	---
L43-HA264-1'	1-1.5	19	---	---
L43-HA322-0'	0-0.5	540	20	---
L43-HA322-0.5'	0.5-1	2,000	70	---
L43-HA322-1'	1-1.5	4,300	100	---
L43-HA322-2'	2-3	1,200	58	---
L43-HA323-0'	0-0.5	830	33	---
L43-HA323-0.5'	0.5-1	52	1.2	---
L43-HA323-1'	1-1.5	67	1.2	---
L43-HA323-2'	2-3	260	5.9	---
L43-HA324-0'	0-0.5	1,900	72	---
L43-HA324-0.5'	0.5-1	690	18	---
L43-HA324-1'	1-1.5	470	11	---
L43-HA324-2'	2-3	39	---	---
L43-HA325-0'	0-0.5	460	14	---
L43-HA325-0.5'	0.5-1	200	2.7	---
L43-HA325-1'	1-1.5	21	---	---
L43-HA325-2'	2-3	34	---	---
L43-HA326-0'	0-0.5	1,300	42	---
L43-HA326-0.5'	0.5-1	79	2.6	---
L43-HA326-1'	1-1.5	47	---	---
L43-HA326-2'	2-3	84	1.8	---
L43-HA327-0'	0-0.5	480	13	---
L43-HA327-0.5'	0.5-1	150	3.7	---
L43-HA327-1'	1-1.5	36	---	---

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS
EA NO. 03-3F9301
STATE ROUTE 99 GORE POINTS
SACRAMENTO, CALIFORNIA

SAMPLE ID	SAMPLE DEPTH INTERVAL (feet)	TOTAL LEAD (mg/kg)	WET LEAD (mg/l)	TCLP LEAD (mg/l)
L43-HA327-2'	2-3	45	---	---
L43-HA328-0'	0-0.5	670	15	---
L43-HA328-0.5'	0.5-1	29	---	---
L43-HA328-1'	1-1.5	19	---	---
L43-HA328-2'	2-3	19	---	---
L43-HA329-0'	0-0.5	920	<1.0	---
L43-HA329-0.5'	0.5-1	82	1.3	---
L43-HA329-1'	1-1.5	63	<1.0	---
L43-HA329-2'	2-3	14	---	---

Hazardous Waste Criteria	
TTLC (mg/kg)	1,000
STLC (mg/l)	5.0
TCLP (mg/l)	5.0
CHHSLs	
Residential Land Use	80
Commercial/Industrial Land Use	320
ESLs	
Residential Land Use	80
Commercial/Industrial Land Use	320
Construction Worker Exposure	320
Background Concentrations [(1)]	
Minimum	12.4
Mean	23.9
Maximum	97.1

Notes:

WET = Waste Extraction Test
TCLP = Toxicity Characteristic Leaching Procedure
mg/kg = Milligrams per kilogram
mg/l = Milligrams per liter
< = Less than the laboratory reporting limit
--- = Not analyzed
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration

CHHSLs = California Human Health Screening Levels, Table 1, California EPA, January 2005
ESLs = Environmental Screening Levels, Tables A and K-3, SFRWQCB, December 2013.
(1) = Background Concentrations of Trace and Major Elements in California Soils (Kearney Foundation of Soil Science, Division of Agricultural and Natural Resources, University of California, March 1996)

TABLE 3
SUMMARY OF COST ESTIMATE FOR TRANSPORT AND DISPOSAL OF EXCAVATED SOIL
EA NO. 03-3F9301
STATE ROUTE 99 GORE POINTS
SACRAMENTO, CALIFORNIA

Haz Waste Study Location No.	Caltrans Location Number	Location Description	Max. Excavation Depth	Max. Dimensions	Volume @ 6" Depth	Estimate for Transport & Disposal
			Feet	Feet	Cubic Yards	
L29	6	SW Corner at Florin	1	105 x 277	80	$30,000
L31	1	Near Cosumnes River, south of Eschinger	TBD	58 x 273	80	$30,000
L37	11	NE Corner at 47th	1	134 x 212	67	$25,000
L38	15	West side of 99 north of Fruitridge	0.25	10 x 376	15 (3" Depth)	$5,000
L39	12	NW Corner at Fruitridge	1	14 x 568	108	$40,000
L40		SW Corner at Fruitridge	1	37 x 175	50	$20,000
L42	16	East side of 99 north of Fruitridge	1	12 x 495	90	$30,000

APPENDIX A

ADVANCED TECHNOLOGY LABORATORIES

October 21, 2015

Rebecca Silva
Geocon Consultants, Inc.
3160 Gold Valley Drive, Suite 800
Rancho Cordova, CA 95742
Tel: (916) 852-9118
Fax:(916) 852-9132

ELAP No.: 1838
CSDLAC No.: 10196
ORELAP No.: CA300003
TCEQ No. : T104704502

Re: ATL Work Order Number : 1503530
Client Reference : Sac 50/99 Gore Points, S9805-01-58

Enclosed are the results for sample(s) received on October 14, 2015 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/21/2015

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
L26-HA157-0'	1503530-01	Soil	10/12/15 8:38	10/14/15 9:10
L26-HA157-0.5'	1503530-02	Soil	10/12/15 8:40	10/14/15 9:10
L26-HA157-1.0'	1503530-03	Soil	10/12/15 8:42	10/14/15 9:10
L26-HA158-0'	1503530-04	Soil	10/12/15 8:43	10/14/15 9:10
L26-HA158-0.5'	1503530-05	Soil	10/12/15 8:44	10/14/15 9:10
L26-HA158-1'	1503530-06	Soil	10/12/15 8:46	10/14/15 9:10
L26-HA159-0'	1503530-07	Soil	10/12/15 8:55	10/14/15 9:10
L26-HA159-0.5'	1503530-08	Soil	10/12/15 8:58	10/14/15 9:10
L26-HA159-1'	1503530-09	Soil	10/12/15 9:02	10/14/15 9:10
L26-HA160-0'	1503530-10	Soil	10/12/15 9:03	10/14/15 9:10
L26-HA160-0.5'	1503530-11	Soil	10/12/15 9:04	10/14/15 9:10
L26-HA160-1'	1503530-12	Soil	10/12/15 9:05	10/14/15 9:10
L26-HA161-0'	1503530-13	Soil	10/12/15 9:08	10/14/15 9:10
L26-HA161-0.5'	1503530-14	Soil	10/12/15 9:09	10/14/15 9:10
L26-HA161-1'	1503530-15	Soil	10/12/15 9:10	10/14/15 9:10
L26-HA162-0'	1503530-16	Soil	10/12/15 9:13	10/14/15 9:10
L26-HA162-0.5'	1503530-17	Soil	10/12/15 9:14	10/14/15 9:10
L26-HA162-1'	1503530-18	Soil	10/12/15 9:15	10/14/15 9:10
L27-B163-0'	1503530-19	Soil	10/12/15 9:36	10/14/15 9:10
L27-B163-0.5'	1503530-20	Soil	10/12/15 9:37	10/14/15 9:10
L27-B163-1'	1503530-21	Soil	10/12/15 9:38	10/14/15 9:10
L27-B164-0'	1503530-22	Soil	10/12/15 9:39	10/14/15 9:10
L27-B164-0.5'	1503530-23	Soil	10/12/15 9:40	10/14/15 9:10
L27-B164-1'	1503530-24	Soil	10/12/15 9:41	10/14/15 9:10
L27-B165-0'	1503530-25	Soil	10/12/15 9:43	10/14/15 9:10
L27-B165-0.5'	1503530-26	Soil	10/12/15 9:44	10/14/15 9:10
L27-B165-1'	1503530-27	Soil	10/12/15 9:45	10/14/15 9:10
L27-B166-0'	1503530-28	Soil	10/12/15 9:46	10/14/15 9:10
L27-B166-0.5'	1503530-29	Soil	10/12/15 9:47	10/14/15 9:10
L27-B166-1'	1503530-30	Soil	10/12/15 9:48	10/14/15 9:10
L27-B167-0'	1503530-31	Soil	10/12/15 9:49	10/14/15 9:10
L27-B167-0.5'	1503530-32	Soil	10/12/15 9:50	10/14/15 9:10
L27-B167-1'	1503530-33	Soil	10/12/15 9:51	10/14/15 9:10
L27-B168-0'	1503530-34	Soil	10/12/15 9:53	10/14/15 9:10

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L27-B168-0.5'	1503530-35	Soil	10/12/15 9:54	10/14/15 9:10
L27-B168-1'	1503530-36	Soil	10/12/15 9:55	10/14/15 9:10
L27-B169-0'	1503530-37	Soil	10/12/15 10:05	10/14/15 9:10
L27-B169-0.5'	1503530-38	Soil	10/12/15 10:06	10/14/15 9:10
L27-B169-1'	1503530-39	Soil	10/12/15 10:07	10/14/15 9:10
L28-B170-0'	1503530-40	Soil	10/12/15 10:09	10/14/15 9:10
L28-B170-0.5'	1503530-41	Soil	10/12/15 10:10	10/14/15 9:10
L28-B170-1'	1503530-42	Soil	10/12/15 10:11	10/14/15 9:10
L28-B171-0'	1503530-43	Soil	10/12/15 10:18	10/14/15 9:10
L28-B171-0.5'	1503530-44	Soil	10/12/15 10:19	10/14/15 9:10
L28-B171-1'	1503530-45	Soil	10/12/15 10:20	10/14/15 9:10
L28-B172-0'	1503530-46	Soil	10/12/15 10:22	10/14/15 9:10
L28-B172-0.5'	1503530-47	Soil	10/12/15 10:23	10/14/15 9:10
L28-B172-1	1503530-48	Soil	10/12/15 10:24	10/14/15 9:10
L28-B173-0'	1503530-49	Soil	10/12/15 10:30	10/14/15 9:10
L28-B173-0.5'	1503530-50	Soil	10/12/15 10:31	10/14/15 9:10
L28-B173-1'	1503530-51	Soil	10/12/15 10:32	10/14/15 9:10
L28-B174-0'	1503530-52	Soil	10/12/15 10:38	10/14/15 9:10
L28-B174-0.5'	1503530-53	Soil	10/12/15 10:39	10/14/15 9:10
L28-B174-1'	1503530-54	Soil	10/12/15 10:40	10/14/15 9:10
L29-B175-0'	1503530-55	Soil	10/12/15 10:47	10/14/15 9:10
L29-B175-0.5'	1503530-56	Soil	10/12/15 10:48	10/14/15 9:10
L29-B175-1'	1503530-57	Soil	10/12/15 10:49	10/14/15 9:10
L29-B176-0'	1503530-58	Soil	10/12/15 10:51	10/14/15 9:10
L29-B176-0.5'	1503530-59	Soil	10/12/15 10:52	10/14/15 9:10
L29-B176-1'	1503530-60	Soil	10/12/15 10:53	10/14/15 9:10
L29-B177-0'	1503530-61	Soil	10/12/15 10:54	10/14/15 9:10
L29-B177-0.5'	1503530-62	Soil	10/12/15 10:55	10/14/15 9:10
L29-B177-1'	1503530-63	Soil	10/12/15 10:56	10/14/15 9:10
L29-B178-0'	1503530-64	Soil	10/12/15 10:57	10/14/15 9:10
L29-B178-0.5'	1503530-65	Soil	10/12/15 10:58	10/14/15 9:10
L29-B178-1'	1503530-66	Soil	10/12/15 10:59	10/14/15 9:10
L29-B179-0'	1503530-67	Soil	10/12/15 11:00	10/14/15 9:10
L29-B179-0.5'	1503530-68	Soil	10/12/15 11:01	10/14/15 9:10
L29-B179-1'	1503530-69	Soil	10/12/15 11:02	10/14/15 9:10
L29-B180-0'	1503530-70	Soil	10/12/15 11:03	10/14/15 9:10
L29-B180-0.5'	1503530-71	Soil	10/12/15 11:04	10/14/15 9:10
L29-B180-1'	1503530-72	Soil	10/12/15 11:05	10/14/15 9:10
L30-HA181-0'	1503530-73	Soil	10/12/15 11:24	10/14/15 9:10

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L30-HA181-0.5'	1503530-74	Soil	10/12/15 11:25	10/14/15 9:10
L30-HA181-1'	1503530-75	Soil	10/12/15 11:26	10/14/15 9:10
L30-HA182-0'	1503530-76	Soil	10/12/15 11:29	10/14/15 9:10
L30-HA182-0.5'	1503530-77	Soil	10/12/15 11:30	10/14/15 9:10
L30-HA182-1'	1503530-78	Soil	10/12/15 11:31	10/14/15 9:10
L30-HA183-0'	1503530-79	Soil	10/12/15 11:42	10/14/15 9:10
L30-HA183-0.5'	1503530-80	Soil	10/12/15 11:43	10/14/15 9:10
L30-HA183-1'	1503530-81	Soil	10/12/15 11:44	10/14/15 9:10
L30-HA185-0'	1503530-82	Soil	10/12/15 12:01	10/14/15 9:10
L30-HA185-0.5'	1503530-83	Soil	10/12/15 12:02	10/14/15 9:10
L30-HA185-1'	1503530-84	Soil	10/12/15 12:03	10/14/15 9:10
L30-HA186-0'	1503530-85	Soil	10/12/15 12:10	10/14/15 9:10
L30-HA186-0.5'	1503530-86	Soil	10/12/15 12:11	10/14/15 9:10
L30-HA186-1'	1503530-87	Soil	10/12/15 12:12	10/14/15 9:10
L30-HA184-0'	1503530-88	Soil	10/12/15 11:55	10/14/15 9:10
L30-HA184-0.5'	1503530-89	Soil	10/12/15 11:56	10/14/15 9:10
L30-HA184-1'	1503530-90	Soil	10/12/15 11:57	10/14/15 9:10
L31-B187-0'	1503530-91	Soil	10/12/15 12:40	10/14/15 9:10
L31-B187-0.5'	1503530-92	Soil	10/12/15 12:41	10/14/15 9:10
L31-B187-1'	1503530-93	Soil	10/12/15 12:42	10/14/15 9:10
L31-B188-0'	1503530-94	Soil	10/12/15 12:43	10/14/15 9:10
L31-B188-0.5'	1503530-95	Soil	10/12/15 12:44	10/14/15 9:10
L31-B188-1'	1503530-96	Soil	10/12/15 12:45	10/14/15 9:10
L31-B189-0'	1503530-97	Soil	10/12/15 12:47	10/14/15 9:10
L31-B189-0.5'	1503530-98	Soil	10/12/15 12:48	10/14/15 9:10
L31-B189-1'	1503530-99	Soil	10/12/15 12:49	10/14/15 9:10
L31-B190-0'	1503530-AA	Soil	10/12/15 12:53	10/14/15 9:10
L31-B190-0.5'	1503530-AB	Soil	10/12/15 12:54	10/14/15 9:10
L31-B190-1'	1503530-AC	Soil	10/12/15 12:55	10/14/15 9:10
L31-B191-0'	1503530-AD	Soil	10/12/15 12:58	10/14/15 9:10
L31-B191-0.5'	1503530-AE	Soil	10/12/15 12:59	10/14/15 9:10
L31-B191-1'	1503530-AF	Soil	10/12/15 13:00	10/14/15 9:10
L31-B192-0'	1503530-AG	Soil	10/12/15 13:03	10/14/15 9:10
L31-B192-0.5'	1503530-AH	Soil	10/12/15 13:04	10/14/15 9:10
L31-B192-1'	1503530-AI	Soil	10/12/15 13:05	10/14/15 9:10
L32-B193-0'	1503530-AJ	Soil	10/12/15 13:37	10/14/15 9:10
L32-B193-0.5'	1503530-AK	Soil	10/12/15 13:38	10/14/15 9:10
L32-B193-1'	1503530-AL	Soil	10/12/15 13:39	10/14/15 9:10
L32-B194-0'	1503530-AM	Soil	10/12/15 13:42	10/14/15 9:10

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L32-B194-0.5'	1503530-AN	Soil	10/12/15 13:43	10/14/15 9:10
L32-B194-1'	1503530-AO	Soil	10/12/15 13:44	10/14/15 9:10
L32-B195-0'	1503530-AP	Soil	10/12/15 13:47	10/14/15 9:10
L32-B195-0.5'	1503530-AQ	Soil	10/12/15 13:48	10/14/15 9:10
L32-B195-1'	1503530-AR	Soil	10/12/15 13:49	10/14/15 9:10
L32-B196-0'	1503530-AS	Soil	10/12/15 13:52	10/14/15 9:10
L32-B196-0.5'	1503530-AT	Soil	10/12/15 13:53	10/14/15 9:10
L32-B196-1'	1503530-AU	Soil	10/12/15 13:54	10/14/15 9:10
L32-B197-0'	1503530-AV	Soil	10/12/15 13:57	10/14/15 9:10
L32-B197-0.5'	1503530-AW	Soil	10/12/15 13:58	10/14/15 9:10
L32-B197-1'	1503530-AX	Soil	10/12/15 13:59	10/14/15 9:10
L32-B198-0'	1503530-AY	Soil	10/12/15 14:02	10/14/15 9:10
L32-B198-0.5'	1503530-AZ	Soil	10/12/15 14:03	10/14/15 9:10
L32-B198-1'	1503530-BA	Soil	10/12/15 14:04	10/14/15 9:10
L33-B199-0'	1503530-BB	Soil	10/12/15 14:30	10/14/15 9:10
L33-B199-0.5'	1503530-BC	Soil	10/12/15 14:31	10/14/15 9:10
L33-B199-1'	1503530-BD	Soil	10/12/15 14:32	10/14/15 9:10
L33-B200-0'	1503530-BE	Soil	10/12/15 14:35	10/14/15 9:10
L33-B200-0.5'	1503530-BF	Soil	10/12/15 14:36	10/14/15 9:10
L33-B200-1'	1503530-BG	Soil	10/12/15 14:37	10/14/15 9:10
L33-B201-0'	1503530-BH	Soil	10/12/15 14:40	10/14/15 9:10
L33-B201-0.5'	1503530-BI	Soil	10/12/15 14:41	10/14/15 9:10
L33-B201-1'	1503530-BJ	Soil	10/12/15 14:42	10/14/15 9:10
L33-B202-0'	1503530-BK	Soil	10/12/15 14:45	10/14/15 9:10
L33-B202-0.5'	1503530-BL	Soil	10/12/15 14:47	10/14/15 9:10
L33-B202-1'	1503530-BM	Soil	10/12/15 14:49	10/14/15 9:10
L33-B203-0'	1503530-BN	Soil	10/12/15 14:52	10/14/15 9:10
L33-B203-0.5'	1503530-BO	Soil	10/12/15 14:54	10/14/15 9:10
L33-B203-1'	1503530-BP	Soil	10/12/15 14:55	10/14/15 9:10
L33-B204-0'	1503530-BQ	Soil	10/12/15 14:57	10/14/15 9:10
L33-B204-0.5'	1503530-BR	Soil	10/12/15 14:59	10/14/15 9:10
L33-B204-1'	1503530-BS	Soil	10/12/15 15:01	10/14/15 9:10
L34-B205-0'	1503530-BT	Soil	10/12/15 15:17	10/14/15 9:10
L34-B205-0.5'	1503530-BU	Soil	10/12/15 15:18	10/14/15 9:10
L34-B205-1'	1503530-BV	Soil	10/12/15 15:20	10/14/15 9:10
L34-B206-0'	1503530-BW	Soil	10/12/15 15:22	10/14/15 9:10
L34-B206-0.5'	1503530-BX	Soil	10/12/15 15:23	10/14/15 9:10
L34-B206-1'	1503530-BY	Soil	10/12/15 15:24	10/14/15 9:10
L34-B207-0'	1503530-BZ	Soil	10/12/15 15:26	10/14/15 9:10

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L34-B207-0.5'	1503530-CA	Soil	10/12/15 15:27	10/14/15 9:10
L34-B207-1'	1503530-CB	Soil	10/12/15 15:28	10/14/15 9:10
L34-B208-0'	1503530-CC	Soil	10/12/15 15:31	10/14/15 9:10
L34-B208-0.5'	1503530-CD	Soil	10/12/15 15:32	10/14/15 9:10
L34-B208-1'	1503530-CE	Soil	10/12/15 15:33	10/14/15 9:10
L34-B209-0'	1503530-CF	Soil	10/12/15 15:36	10/14/15 9:10
L34-B209-0.5'	1503530-CG	Soil	10/12/15 15:37	10/14/15 9:10
L34-B209-1'	1503530-CH	Soil	10/12/15 15:38	10/14/15 9:10
L34-B210-0'	1503530-CI	Soil	10/12/15 15:40	10/14/15 9:10
L34-B210-0.5'	1503530-CJ	Soil	10/12/15 15:41	10/14/15 9:10
L34-B210-1'	1503530-CK	Soil	10/12/15 15:42	10/14/15 9:10
L35-B211-0'	1503530-CL	Soil	10/12/15 15:53	10/14/15 9:10
L35-B211-0.5'	1503530-CM	Soil	10/12/15 15:55	10/14/15 9:10
L35-B211-1'	1503530-CN	Soil	10/12/15 15:56	10/14/15 9:10
L35-B212-0'	1503530-CO	Soil	10/12/15 15:58	10/14/15 9:10
L35-B212-0.5'	1503530-CP	Soil	10/12/15 16:00	10/14/15 9:10
L35-B212-1'	1503530-CQ	Soil	10/12/15 16:01	10/14/15 9:10
L35-B213-0'	1503530-CR	Soil	10/12/15 16:03	10/14/15 9:10
L35-B213-0.5'	1503530-CS	Soil	10/12/15 16:04	10/14/15 9:10
L35-B213-1'	1503530-CT	Soil	10/12/15 16:06	10/14/15 9:10
L35-B214-0'	1503530-CU	Soil	10/12/15 16:08	10/14/15 9:10
L35-B214-0.5'	1503530-CV	Soil	10/12/15 16:10	10/14/15 9:10
L35-B214-1'	1503530-CW	Soil	10/12/15 16:11	10/14/15 9:10
L35-B215-0'	1503530-CX	Soil	10/12/15 16:13	10/14/15 9:10
L35-B215-0.5'	1503530-CY	Soil	10/12/15 16:15	10/14/15 9:10
L35-B215-1'	1503530-CZ	Soil	10/12/15 16:16	10/14/15 9:10
L35-B216-0'	1503530-DA	Soil	10/12/15 16:17	10/14/15 9:10
L35-B216-0.5'	1503530-DB	Soil	10/12/15 16:19	10/14/15 9:10
L35-B216-1'	1503530-DC	Soil	10/12/15 16:21	10/14/15 9:10
L36-HA217-0'	1503530-DD	Soil	10/12/15 16:44	10/14/15 9:10
L36-HA217-0.5'	1503530-DE	Soil	10/12/15 16:46	10/14/15 9:10
L36-HA217-1'	1503530-DF	Soil	10/12/15 16:50	10/14/15 9:10
L36-HA218-0'	1503530-DG	Soil	10/12/15 16:53	10/14/15 9:10
L36-HA218-0.5'	1503530-DH	Soil	10/12/15 16:55	10/14/15 9:10
L36-HA218-1'	1503530-DI	Soil	10/12/15 16:57	10/14/15 9:10
L36-HA219-0'	1503530-DJ	Soil	10/12/15 16:58	10/14/15 9:10
L36-HA219-0.5'	1503530-DK	Soil	10/12/15 17:00	10/14/15 9:10
L36-HA219-1'	1503530-DL	Soil	10/12/15 17:01	10/14/15 9:10
L36-HA220-0'	1503530-DM	Soil	10/12/15 17:03	10/14/15 9:10

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L36-HA220-0.5'	1503530-DN	Soil	10/12/15 17:05	10/14/15 9:10
L36-HA220-1'	1503530-DO	Soil	10/12/15 17:06	10/14/15 9:10
L36-HA221-0'	1503530-DP	Soil	10/12/15 17:09	10/14/15 9:10
L36-HA221-0.5'	1503530-DQ	Soil	10/12/15 17:10	10/14/15 9:10
L36-HA221-1'	1503530-DR	Soil	10/12/15 17:12	10/14/15 9:10
L36-HA222-0'	1503530-DS	Soil	10/12/15 17:16	10/14/15 9:10
L36-HA222-0.5'	1503530-DT	Soil	10/12/15 17:18	10/14/15 9:10
L36-HA222-1'	1503530-DU	Soil	10/12/15 17:19	10/14/15 9:10
L37-B223-0'	1503530-DV	Soil	10/12/15 17:31	10/14/15 9:10
L37-B223-0.5'	1503530-DW	Soil	10/12/15 17:33	10/14/15 9:10
L37-B223-1'	1503530-DX	Soil	10/12/15 17:34	10/14/15 9:10
L37-B224-0'	1503530-DY	Soil	10/12/15 17:36	10/14/15 9:10
L37-B224-0.5'	1503530-DZ	Soil	10/12/15 17:38	10/14/15 9:10
L37-B224-1'	1503530-EA	Soil	10/12/15 17:39	10/14/15 9:10
L37-B225-0'	1503530-EB	Soil	10/12/15 17:41	10/14/15 9:10
L37-B225-0.5'	1503530-EC	Soil	10/12/15 17:43	10/14/15 9:10
L37-B225-1'	1503530-ED	Soil	10/12/15 17:44	10/14/15 9:10
L37-B226-0'	1503530-EE	Soil	10/12/15 17:46	10/14/15 9:10
L37-B226-0.5'	1503530-EF	Soil	10/12/15 17:47	10/14/15 9:10
L37-B226-1'	1503530-EG	Soil	10/12/15 17:49	10/14/15 9:10
L37-B227-0'	1503530-EH	Soil	10/12/15 17:51	10/14/15 9:10
L37-B227-0.5'	1503530-EI	Soil	10/12/15 17:53	10/14/15 9:10
L37-B227-1'	1503530-EJ	Soil	10/12/15 17:54	10/14/15 9:10
L37-B228-0'	1503530-EK	Soil	10/12/15 17:56	10/14/15 9:10
L37-B228-0.5'	1503530-EL	Soil	10/12/15 17:58	10/14/15 9:10
L37-B228-1'	1503530-EM	Soil	10/12/15 17:59	10/14/15 9:10

Certificate of Analysis

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3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/21/2015

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: RR**

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503530-01	L26-HA157-0'	**67**	mg/kg	1.0	1	B5J0473	10/19/2015	10/19/15 12:47	
1503530-02	L26-HA157-0.5'	**60**	mg/kg	1.0	1	B5J0473	10/19/2015	10/19/15 12:48	
1503530-03	L26-HA157-1.0'	**59**	mg/kg	1.0	1	B5J0473	10/19/2015	10/19/15 12:48	
1503530-04	L26-HA158-0'	**62**	mg/kg	1.0	1	B5J0473	10/19/2015	10/19/15 12:49	
1503530-05	L26-HA158-0.5'	**28**	mg/kg	0.99	1	B5J0473	10/19/2015	10/19/15 12:50	
1503530-06	L26-HA158-1'	**28**	mg/kg	1.0	1	B5J0473	10/19/2015	10/19/15 12:52	
1503530-07	L26-HA159-0'	**40**	mg/kg	1.0	1	B5J0473	10/19/2015	10/19/15 12:53	
1503530-08	L26-HA159-0.5'	**75**	mg/kg	1.0	1	B5J0473	10/19/2015	10/19/15 12:56	
1503530-09	L26-HA159-1'	**45**	mg/kg	1.0	1	B5J0473	10/19/2015	10/19/15 12:57	
1503530-10	L26-HA160-0'	**29**	mg/kg	1.0	1	B5J0473	10/19/2015	10/19/15 12:58	
1503530-11	L26-HA160-0.5'	**51**	mg/kg	1.0	1	B5J0473	10/19/2015	10/19/15 13:01	
1503530-12	L26-HA160-1'	**6.4**	mg/kg	1.0	1	B5J0473	10/19/2015	10/19/15 13:02	
1503530-13	L26-HA161-0'	**12**	mg/kg	1.0	1	B5J0473	10/19/2015	10/19/15 13:04	
1503530-14	L26-HA161-0.5'	**8.8**	mg/kg	1.0	1	B5J0473	10/19/2015	10/19/15 13:05	
1503530-15	L26-HA161-1'	**7.9**	mg/kg	1.0	1	B5J0473	10/19/2015	10/19/15 13:06	
1503530-16	L26-HA162-0'	**23**	mg/kg	1.0	1	B5J0473	10/19/2015	10/19/15 13:09	
1503530-17	L26-HA162-0.5'	**28**	mg/kg	1.0	1	B5J0473	10/19/2015	10/19/15 13:10	
1503530-18	L26-HA162-1'	**16**	mg/kg	1.0	1	B5J0473	10/19/2015	10/19/15 13:11	
1503530-19	L27-B163-0'	**94**	mg/kg	1.0	1	B5J0473	10/19/2015	10/19/15 13:12	
1503530-20	L27-B163-0.5'	**7.6**	mg/kg	1.0	1	B5J0473	10/19/2015	10/19/15 13:13	
1503530-21	L27-B163-1'	**7.3**	mg/kg	1.0	1	B5J0474	10/19/2015	10/19/15 13:24	
1503530-22	L27-B164-0'	**80**	mg/kg	1.0	1	B5J0474	10/19/2015	10/19/15 13:24	
1503530-23	L27-B164-0.5'	**20**	mg/kg	1.0	1	B5J0474	10/19/2015	10/19/15 13:26	
1503530-24	L27-B164-1'	**6.9**	mg/kg	1.0	1	B5J0474	10/19/2015	10/19/15 13:27	
1503530-25	L27-B165-0'	**64**	mg/kg	1.0	1	B5J0474	10/19/2015	10/19/15 13:28	
1503530-26	L27-B165-0.5'	**8.9**	mg/kg	1.0	1	B5J0474	10/19/2015	10/19/15 13:29	
1503530-27	L27-B165-1'	**8.0**	mg/kg	1.0	1	B5J0474	10/19/2015	10/19/15 13:30	
1503530-28	L27-B166-0'	**27**	mg/kg	1.0	1	B5J0474	10/19/2015	10/19/15 13:31	
1503530-29	L27-B166-0.5'	**10**	mg/kg	1.0	1	B5J0474	10/19/2015	10/19/15 13:33	
1503530-30	L27-B166-1'	**8.3**	mg/kg	1.0	1	B5J0474	10/19/2015	10/19/15 13:36	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/21/2015

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: RR**

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503530-31	L27-B167-0'	**94**	mg/kg	1.0	1	B5J0474	10/19/2015	10/19/15 13:39	
1503530-32	L27-B167-0.5'	**9.5**	mg/kg	1.0	1	B5J0474	10/19/2015	10/19/15 13:41	
1503530-33	L27-B167-1'	**12**	mg/kg	1.0	1	B5J0474	10/19/2015	10/19/15 13:42	
1503530-34	L27-B168-0'	**28**	mg/kg	1.0	1	B5J0474	10/19/2015	10/19/15 13:43	
1503530-35	L27-B168-0.5'	**11**	mg/kg	1.0	1	B5J0474	10/19/2015	10/19/15 13:44	
1503530-36	L27-B168-1'	**7.3**	mg/kg	1.0	1	B5J0474	10/19/2015	10/19/15 13:46	
1503530-37	L27-B169-0'	**76**	mg/kg	1.0	1	B5J0474	10/19/2015	10/19/15 13:46	
1503530-38	L27-B169-0.5'	**8.9**	mg/kg	1.0	1	B5J0474	10/19/2015	10/19/15 13:50	
1503530-39	L27-B169-1'	**8.3**	mg/kg	1.0	1	B5J0474	10/19/2015	10/19/15 13:51	
1503530-40	L28-B170-0'	**45**	mg/kg	1.0	1	B5J0474	10/19/2015	10/19/15 13:53	
1503530-41	L28-B170-0.5'	**20**	mg/kg	1.0	1	B5J0475	10/19/2015	10/19/15 14:00	
1503530-42	L28-B170-1'	**8.2**	mg/kg	1.0	1	B5J0475	10/19/2015	10/19/15 14:04	
1503530-43	L28-B171-0'	**100**	mg/kg	1.0	1	B5J0475	10/19/2015	10/19/15 14:04	
1503530-44	L28-B171-0.5'	**8.8**	mg/kg	1.0	1	B5J0475	10/19/2015	10/19/15 14:06	
1503530-45	L28-B171-1'	**7.0**	mg/kg	1.0	1	B5J0475	10/19/2015	10/19/15 14:07	
1503530-46	L28-B172-0'	**100**	mg/kg	1.0	1	B5J0475	10/19/2015	10/19/15 14:08	
1503530-47	L28-B172-0.5'	**6.9**	mg/kg	1.0	1	B5J0475	10/19/2015	10/19/15 14:09	
1503530-48	L28-B172-1	**8.2**	mg/kg	1.0	1	B5J0475	10/19/2015	10/19/15 14:10	
1503530-49	L28-B173-0'	**36**	mg/kg	1.0	1	B5J0475	10/19/2015	10/19/15 14:11	
1503530-50	L28-B173-0.5'	**7.1**	mg/kg	1.0	1	B5J0475	10/19/2015	10/19/15 14:13	
1503530-51	L28-B173-1'	**9.7**	mg/kg	1.0	1	B5J0475	10/19/2015	10/19/15 14:18	
1503530-52	L28-B174-0'	**37**	mg/kg	1.0	1	B5J0475	10/19/2015	10/19/15 14:20	
1503530-53	L28-B174-0.5'	**15**	mg/kg	1.0	1	B5J0475	10/19/2015	10/19/15 14:21	
1503530-54	L28-B174-1'	**11**	mg/kg	1.0	1	B5J0475	10/19/2015	10/19/15 14:22	
1503530-55	L29-B175-0'	**450**	mg/kg	1.0	1	B5J0475	10/19/2015	10/19/15 14:23	
1503530-56	L29-B175-0.5'	**16**	mg/kg	1.0	1	B5J0475	10/19/2015	10/19/15 14:24	
1503530-57	L29-B175-1'	**30**	mg/kg	1.0	1	B5J0475	10/19/2015	10/19/15 14:25	
1503530-58	L29-B176-0'	**290**	mg/kg	1.0	1	B5J0475	10/19/2015	10/19/15 14:26	
1503530-59	L29-B176-0.5'	**95**	mg/kg	1.0	1	B5J0475	10/19/2015	10/19/15 14:27	
1503530-60	L29-B176-1'	**18**	mg/kg	1.0	1	B5J0475	10/19/2015	10/19/15 14:31	

Certificate of Analysis

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Rancho Cordova , CA 95742	Reported : 10/21/2015

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: RR**

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503530-61	L29-B177-0'	**280**	mg/kg	1.0	1	B5J0476	10/19/2015	10/19/15 14:38	
1503530-62	L29-B177-0.5'	**14**	mg/kg	1.0	1	B5J0476	10/19/2015	10/19/15 14:39	
1503530-63	L29-B177-1'	**16**	mg/kg	1.0	1	B5J0476	10/19/2015	10/19/15 14:40	
1503530-64	L29-B178-0'	**150**	mg/kg	1.0	1	B5J0476	10/19/2015	10/19/15 14:44	
1503530-65	L29-B178-0.5'	**36**	mg/kg	1.0	1	B5J0476	10/19/2015	10/19/15 14:45	
1503530-66	L29-B178-1'	**7.5**	mg/kg	1.0	1	B5J0476	10/19/2015	10/19/15 14:46	
1503530-67	L29-B179-0'	**170**	mg/kg	1.0	1	B5J0476	10/19/2015	10/19/15 14:47	
1503530-68	L29-B179-0.5'	**7.2**	mg/kg	1.0	1	B5J0476	10/19/2015	10/19/15 14:48	
1503530-69	L29-B179-1'	**8.7**	mg/kg	1.0	1	B5J0476	10/19/2015	10/19/15 14:50	
1503530-70	L29-B180-0'	**27**	mg/kg	1.0	1	B5J0476	10/19/2015	10/19/15 14:51	
1503530-71	L29-B180-0.5'	**7.9**	mg/kg	1.0	1	B5J0476	10/19/2015	10/19/15 14:54	
1503530-72	L29-B180-1'	**6.4**	mg/kg	1.0	1	B5J0476	10/19/2015	10/19/15 14:57	
1503530-73	L30-HA181-0'	**14**	mg/kg	1.0	1	B5J0476	10/19/2015	10/19/15 14:59	
1503530-74	L30-HA181-0.5'	**15**	mg/kg	1.0	1	B5J0476	10/19/2015	10/19/15 15:00	
1503530-75	L30-HA181-1'	**17**	mg/kg	1.0	1	B5J0476	10/19/2015	10/19/15 15:01	
1503530-76	L30-HA182-0'	**32**	mg/kg	1.0	1	B5J0476	10/19/2015	10/19/15 15:02	
1503530-77	L30-HA182-0.5'	**41**	mg/kg	1.0	1	B5J0476	10/19/2015	10/19/15 15:04	
1503530-78	L30-HA182-1'	**19**	mg/kg	1.0	1	B5J0476	10/19/2015	10/19/15 15:05	
1503530-79	L30-HA183-0'	**47**	mg/kg	1.0	1	B5J0476	10/19/2015	10/19/15 15:06	
1503530-80	L30-HA183-0.5'	**26**	mg/kg	1.0	1	B5J0476	10/19/2015	10/19/15 15:07	
1503530-81	L30-HA183-1'	**25**	mg/kg	1.0	1	B5J0477	10/19/2015	10/19/15 15:17	
1503530-82	L30-HA185-0'	**29**	mg/kg	1.0	1	B5J0477	10/19/2015	10/19/15 15:18	
1503530-83	L30-HA185-0.5'	**29**	mg/kg	1.0	1	B5J0477	10/19/2015	10/19/15 15:20	
1503530-84	L30-HA185-1'	**30**	mg/kg	1.0	1	B5J0477	10/19/2015	10/19/15 15:21	
1503530-85	L30-HA186-0'	**9.3**	mg/kg	1.0	1	B5J0477	10/19/2015	10/19/15 15:22	
1503530-86	L30-HA186-0.5'	**9.6**	mg/kg	1.0	1	B5J0477	10/19/2015	10/19/15 15:26	
1503530-87	L30-HA186-1'	**6.4**	mg/kg	1.0	1	B5J0477	10/19/2015	10/19/15 15:27	
1503530-88	L30-HA184-0'	**120**	mg/kg	1.0	1	B5J0477	10/19/2015	10/19/15 15:28	
1503530-89	L30-HA184-0.5'	**19**	mg/kg	1.0	1	B5J0477	10/19/2015	10/19/15 15:29	
1503530-90	L30-HA184-1'	**32**	mg/kg	1.0	1	B5J0477	10/19/2015	10/19/15 15:31	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
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Rancho Cordova , CA 95742	Reported : 10/21/2015

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: RR**

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503530-91	L31-B187-0'	**550**	mg/kg	1.0	1	B5J0477	10/19/2015	10/19/15 15:33	
1503530-92	L31-B187-0.5'	**6.7**	mg/kg	1.0	1	B5J0477	10/19/2015	10/19/15 15:35	
1503530-93	L31-B187-1'	**5.8**	mg/kg	1.0	1	B5J0477	10/19/2015	10/19/15 15:36	
1503530-94	L31-B188-0'	**170**	mg/kg	1.0	1	B5J0477	10/19/2015	10/19/15 15:39	
1503530-95	L31-B188-0.5'	**9.7**	mg/kg	1.0	1	B5J0477	10/19/2015	10/19/15 15:40	
1503530-96	L31-B188-1'	**5.0**	mg/kg	1.0	1	B5J0477	10/19/2015	10/19/15 15:42	
1503530-97	L31-B189-0'	**570**	mg/kg	1.0	1	B5J0477	10/19/2015	10/19/15 15:42	
1503530-98	L31-B189-0.5'	**15**	mg/kg	1.0	1	B5J0477	10/19/2015	10/19/15 15:44	
1503530-99	L31-B189-1'	**25**	mg/kg	1.0	1	B5J0477	10/19/2015	10/19/15 15:45	
1503530-AA	L31-B190-0'	**510**	mg/kg	1.0	1	B5J0477	10/19/2015	10/19/15 15:46	
1503530-AB	L31-B190-0.5'	**9.0**	mg/kg	0.99	1	B5J0478	10/19/2015	10/19/15 15:55	
1503530-AC	L31-B190-1'	**7.1**	mg/kg	1.0	1	B5J0478	10/19/2015	10/19/15 15:57	
1503530-AD	L31-B191-0'	**190**	mg/kg	1.0	1	B5J0478	10/19/2015	10/19/15 15:57	
1503530-AE	L31-B191-0.5'	**9.5**	mg/kg	1.0	1	B5J0478	10/19/2015	10/19/15 15:59	
1503530-AF	L31-B191-1'	**5.9**	mg/kg	1.0	1	B5J0478	10/19/2015	10/19/15 16:00	
1503530-AG	L31-B192-0'	**68**	mg/kg	1.0	1	B5J0478	10/19/2015	10/19/15 16:01	
1503530-AH	L31-B192-0.5'	**48**	mg/kg	1.0	1	B5J0478	10/19/2015	10/19/15 16:02	
1503530-AI	L31-B192-1'	**5.4**	mg/kg	1.0	1	B5J0478	10/19/2015	10/19/15 16:06	
1503530-AJ	L32-B193-0'	**42**	mg/kg	1.0	1	B5J0478	10/19/2015	10/19/15 16:07	
1503530-AK	L32-B193-0.5'	**8.1**	mg/kg	1.0	1	B5J0478	10/19/2015	10/19/15 16:08	
1503530-AL	L32-B193-1'	**7.6**	mg/kg	1.0	1	B5J0478	10/19/2015	10/19/15 16:11	
1503530-AM	L32-B194-0'	**32**	mg/kg	1.0	1	B5J0478	10/19/2015	10/19/15 16:12	
1503530-AN	L32-B194-0.5'	**5.3**	mg/kg	1.0	1	B5J0478	10/19/2015	10/19/15 16:14	
1503530-AO	L32-B194-1'	**5.1**	mg/kg	1.0	1	B5J0478	10/19/2015	10/19/15 16:15	
1503530-AP	L32-B195-0'	**110**	mg/kg	1.0	1	B5J0478	10/19/2015	10/19/15 16:16	
1503530-AQ	L32-B195-0.5'	**7.2**	mg/kg	1.0	1	B5J0478	10/19/2015	10/19/15 16:19	
1503530-AR	L32-B195-1'	**8.3**	mg/kg	1.0	1	B5J0478	10/19/2015	10/19/15 16:21	
1503530-AS	L32-B196-0'	**24**	mg/kg	1.0	1	B5J0478	10/19/2015	10/19/15 16:21	
1503530-AT	L32-B196-0.5'	**6.0**	mg/kg	1.0	1	B5J0478	10/19/2015	10/19/15 16:23	
1503530-AU	L32-B196-1'	**6.9**	mg/kg	1.0	1	B5J0478	10/19/2015	10/19/15 16:24	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/21/2015

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: RR**

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503530-AV	L32-B197-0'	**13**	mg/kg	1.0	1	B5J0479	10/19/2015	10/19/15 16:34	
1503530-AW	L32-B197-0.5'	**4.6**	mg/kg	1.0	1	B5J0479	10/19/2015	10/19/15 16:35	
1503530-AX	L32-B197-1'	**5.8**	mg/kg	1.0	1	B5J0479	10/19/2015	10/19/15 16:37	
1503530-AY	L32-B198-0'	**180**	mg/kg	1.0	1	B5J0479	10/19/2015	10/19/15 16:37	
1503530-AZ	L32-B198-0.5'	**7.0**	mg/kg	1.0	1	B5J0479	10/19/2015	10/19/15 16:39	
1503530-BA	L32-B198-1'	**6.1**	mg/kg	1.0	1	B5J0479	10/19/2015	10/19/15 16:40	
1503530-BB	L33-B199-0'	**13**	mg/kg	1.0	1	B5J0479	10/19/2015	10/19/15 16:41	
1503530-BC	L33-B199-0.5'	**16**	mg/kg	1.0	1	B5J0479	10/19/2015	10/19/15 16:42	
1503530-BD	L33-B199-1'	**4.3**	mg/kg	1.0	1	B5J0479	10/19/2015	10/19/15 16:44	
1503530-BE	L33-B200-0'	**22**	mg/kg	1.0	1	B5J0479	10/19/2015	10/19/15 16:48	
1503530-BF	L33-B200-0.5'	**16**	mg/kg	1.0	1	B5J0479	10/19/2015	10/19/15 16:51	
1503530-BG	L33-B200-1'	**4.4**	mg/kg	1.0	1	B5J0479	10/19/2015	10/19/15 16:52	
1503530-BH	L33-B201-0'	**18**	mg/kg	1.0	1	B5J0479	10/19/2015	10/19/15 16:53	
1503530-BI	L33-B201-0.5'	**7.3**	mg/kg	1.0	1	B5J0479	10/19/2015	10/19/15 16:55	
1503530-BJ	L33-B201-1'	**6.4**	mg/kg	1.0	1	B5J0479	10/19/2015	10/19/15 16:56	
1503530-BK	L33-B202-0'	**28**	mg/kg	1.0	1	B5J0479	10/19/2015	10/19/15 16:57	
1503530-BL	L33-B202-0.5'	**27**	mg/kg	1.0	1	B5J0479	10/19/2015	10/19/15 16:58	
1503530-BM	L33-B202-1'	**22**	mg/kg	1.0	1	B5J0479	10/19/2015	10/19/15 17:02	
1503530-BN	L33-B203-0'	**24**	mg/kg	1.0	1	B5J0479	10/19/2015	10/19/15 17:03	
1503530-BO	L33-B203-0.5'	**60**	mg/kg	1.0	1	B5J0479	10/19/2015	10/19/15 17:04	
1503530-BP	L33-B203-1'	**22**	mg/kg	1.0	1	B5J0481	10/19/2015	10/19/15 17:12	
1503530-BQ	L33-B204-0'	**39**	mg/kg	1.0	1	B5J0481	10/19/2015	10/19/15 17:16	
1503530-BR	L33-B204-0.5'	**16**	mg/kg	1.0	1	B5J0481	10/19/2015	10/19/15 17:17	
1503530-BS	L33-B204-1'	**27**	mg/kg	1.0	1	B5J0481	10/19/2015	10/19/15 17:18	
1503530-BT	L34-B205-0'	**78**	mg/kg	1.0	1	B5J0481	10/19/2015	10/19/15 17:19	
1503530-BU	L34-B205-0.5'	**180**	mg/kg	1.0	1	B5J0481	10/19/2015	10/19/15 17:20	
1503530-BV	L34-B205-1'	**8.9**	mg/kg	1.0	1	B5J0481	10/19/2015	10/19/15 17:21	
1503530-BW	L34-B206-0'	**88**	mg/kg	1.0	1	B5J0481	10/19/2015	10/19/15 17:22	
1503530-BX	L34-B206-0.5'	**8.4**	mg/kg	1.0	1	B5J0481	10/19/2015	10/19/15 17:23	
1503530-BY	L34-B206-1'	**9.2**	mg/kg	1.0	1	B5J0481	10/19/2015	10/19/15 17:24	

Certificate of Analysis

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Rancho Cordova , CA 95742	Reported : 10/21/2015

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: RR**

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503530-BZ	L34-B207-0'	**24**	mg/kg	1.0	1	B5J0481	10/19/2015	10/19/15 17:30	
1503530-CA	L34-B207-0.5'	**7.3**	mg/kg	1.0	1	B5J0481	10/19/2015	10/19/15 17:31	
1503530-CB	L34-B207-1'	**4.5**	mg/kg	1.0	1	B5J0481	10/19/2015	10/19/15 17:33	
1503530-CC	L34-B208-0'	**36**	mg/kg	1.0	1	B5J0481	10/19/2015	10/19/15 17:34	
1503530-CD	L34-B208-0.5'	**8.6**	mg/kg	1.0	1	B5J0481	10/19/2015	10/19/15 17:35	
1503530-CE	L34-B208-1'	**6.8**	mg/kg	1.0	1	B5J0481	10/19/2015	10/19/15 17:36	
1503530-CF	L34-B209-0'	**96**	mg/kg	1.0	1	B5J0481	10/19/2015	10/19/15 17:37	
1503530-CG	L34-B209-0.5'	**24**	mg/kg	1.0	1	B5J0481	10/19/2015	10/19/15 17:38	
1503530-CH	L34-B209-1'	**5.0**	mg/kg	1.0	1	B5J0481	10/19/2015	10/19/15 17:40	
1503530-CI	L34-B210-0'	**120**	mg/kg	1.0	1	B5J0481	10/19/2015	10/19/15 17:43	
1503530-CJ	L34-B210-0.5'	**15**	mg/kg	1.0	1	B5J0482	10/19/2015	10/19/15 17:50	
1503530-CK	L34-B210-1'	**7.9**	mg/kg	1.0	1	B5J0482	10/19/2015	10/19/15 17:51	
1503530-CL	L35-B211-0'	**75**	mg/kg	1.0	1	B5J0482	10/19/2015	10/19/15 17:52	
1503530-CM	L35-B211-0.5'	**7.0**	mg/kg	1.0	1	B5J0482	10/19/2015	10/19/15 17:56	
1503530-CN	L35-B211-1'	**6.8**	mg/kg	1.0	1	B5J0482	10/19/2015	10/19/15 17:57	
1503530-CO	L35-B212-0'	**170**	mg/kg	1.0	1	B5J0482	10/19/2015	10/19/15 17:58	
1503530-CP	L35-B212-0.5'	**6.7**	mg/kg	1.0	1	B5J0482	10/19/2015	10/19/15 17:59	
1503530-CQ	L35-B212-1'	**8.3**	mg/kg	1.0	1	B5J0482	10/19/2015	10/19/15 18:00	
1503530-CR	L35-B213-0'	**43**	mg/kg	1.0	1	B5J0482	10/19/2015	10/19/15 18:01	
1503530-CS	L35-B213-0.5'	**5.5**	mg/kg	1.0	1	B5J0482	10/19/2015	10/19/15 18:02	
1503530-CT	L35-B213-1'	**5.8**	mg/kg	1.0	1	B5J0482	10/19/2015	10/19/15 18:06	
1503530-CU	L35-B214-0'	**15**	mg/kg	1.0	1	B5J0482	10/19/2015	10/19/15 18:09	
1503530-CV	L35-B214-0.5'	**6.0**	mg/kg	1.0	1	B5J0482	10/19/2015	10/19/15 18:11	
1503530-CW	L35-B214-1'	**4.4**	mg/kg	1.0	1	B5J0482	10/19/2015	10/19/15 18:12	
1503530-CX	L35-B215-0'	**110**	mg/kg	1.0	1	B5J0482	10/19/2015	10/19/15 18:13	
1503530-CY	L35-B215-0.5'	**30**	mg/kg	1.0	1	B5J0482	10/19/2015	10/19/15 18:14	
1503530-CZ	L35-B215-1'	**7.0**	mg/kg	1.0	1	B5J0482	10/19/2015	10/19/15 18:15	
1503530-DA	L35-B216-0'	**85**	mg/kg	1.0	1	B5J0482	10/19/2015	10/19/15 18:16	
1503530-DB	L35-B216-0.5'	**11**	mg/kg	1.0	1	B5J0482	10/19/2015	10/19/15 18:17	
1503530-DC	L35-B216-1'	**5.9**	mg/kg	1.0	1	B5J0482	10/19/2015	10/19/15 18:18	

Certificate of Analysis

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Rancho Cordova , CA 95742	Reported : 10/21/2015

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: RR**

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503530-DD	L36-HA217-0'	**800**	mg/kg	1.0	1	B5J0484	10/19/2015	10/19/15 18:28	
1503530-DE	L36-HA217-0.5'	**250**	mg/kg	1.0	1	B5J0484	10/19/2015	10/19/15 18:29	
1503530-DF	L36-HA217-1'	**160**	mg/kg	1.0	1	B5J0484	10/19/2015	10/19/15 18:30	
1503530-DG	L36-HA218-0'	**710**	mg/kg	1.0	1	B5J0484	10/19/2015	10/19/15 18:30	
1503530-DH	L36-HA218-0.5'	**300**	mg/kg	1.0	1	B5J0484	10/19/2015	10/19/15 18:31	
1503530-DI	L36-HA218-1'	**340**	mg/kg	1.0	1	B5J0484	10/19/2015	10/19/15 18:34	
1503530-DJ	L36-HA219-0'	**610**	mg/kg	1.0	1	B5J0484	10/19/2015	10/19/15 18:35	
1503530-DK	L36-HA219-0.5'	**360**	mg/kg	1.0	1	B5J0484	10/19/2015	10/19/15 18:36	
1503530-DL	L36-HA219-1'	**330**	mg/kg	1.0	1	B5J0484	10/19/2015	10/19/15 18:37	
1503530-DM	L36-HA220-0'	**900**	mg/kg	1.0	1	B5J0484	10/19/2015	10/19/15 18:37	
1503530-DN	L36-HA220-0.5'	**410**	mg/kg	1.0	1	B5J0484	10/19/2015	10/19/15 18:40	
1503530-DO	L36-HA220-1'	**260**	mg/kg	1.0	1	B5J0484	10/19/2015	10/19/15 18:40	
1503530-DP	L36-HA221-0'	**710**	mg/kg	1.0	1	B5J0484	10/19/2015	10/19/15 18:41	
1503530-DQ	L36-HA221-0.5'	**370**	mg/kg	1.0	1	B5J0484	10/19/2015	10/19/15 18:45	
1503530-DR	L36-HA221-1'	**190**	mg/kg	1.0	1	B5J0484	10/19/2015	10/19/15 18:45	
1503530-DS	L36-HA222-0'	**560**	mg/kg	1.0	1	B5J0484	10/19/2015	10/19/15 18:46	
1503530-DT	L36-HA222-0.5'	**18**	mg/kg	1.0	1	B5J0484	10/19/2015	10/19/15 18:47	
1503530-DU	L36-HA222-1'	**15**	mg/kg	1.0	1	B5J0484	10/19/2015	10/19/15 18:49	
1503530-DV	L37-B223-0'	**910**	mg/kg	1.0	1	B5J0484	10/19/2015	10/19/15 18:49	
1503530-DW	L37-B223-0.5'	**390**	mg/kg	1.0	1	B5J0484	10/19/2015	10/19/15 18:50	
1503530-DX	L37-B223-1'	**190**	mg/kg	1.0	1	B5J0485	10/19/2015	10/20/15 09:27	
1503530-DY	L37-B224-0'	**190**	mg/kg	1.0	1	B5J0485	10/19/2015	10/20/15 09:28	
1503530-DZ	L37-B224-0.5'	**10**	mg/kg	1.0	1	B5J0485	10/19/2015	10/20/15 09:29	
1503530-EA	L37-B224-1'	**13**	mg/kg	1.0	1	B5J0485	10/19/2015	10/20/15 09:30	
1503530-EB	L37-B225-0'	**530**	mg/kg	1.0	1	B5J0485	10/19/2015	10/20/15 09:31	
1503530-EC	L37-B225-0.5'	**45**	mg/kg	1.0	1	B5J0485	10/19/2015	10/20/15 09:32	
1503530-ED	L37-B225-1'	**30**	mg/kg	1.0	1	B5J0485	10/19/2015	10/20/15 09:34	
1503530-EE	L37-B226-0'	**110**	mg/kg	1.0	1	B5J0485	10/19/2015	10/20/15 09:37	
1503530-EF	L37-B226-0.5'	**24**	mg/kg	1.0	1	B5J0485	10/19/2015	10/20/15 09:38	
1503530-EG	L37-B226-1'	**6.4**	mg/kg	1.0	1	B5J0485	10/19/2015	10/20/15 09:39	

Certificate of Analysis

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3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/21/2015

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: RR**

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503530-EH	L37-B227-0'	**170**	mg/kg	1.0	1	B5J0485	10/19/2015	10/20/15 09:42	
1503530-EI	L37-B227-0.5'	**21**	mg/kg	1.0	1	B5J0485	10/19/2015	10/20/15 09:43	
1503530-EJ	L37-B227-1'	**5.6**	mg/kg	1.0	1	B5J0485	10/19/2015	10/20/15 09:45	
1503530-EK	L37-B228-0'	**45**	mg/kg	1.0	1	B5J0485	10/19/2015	10/20/15 09:46	
1503530-EL	L37-B228-0.5'	**6.1**	mg/kg	1.0	1	B5J0485	10/19/2015	10/20/15 09:47	
1503530-EM	L37-B228-1'	**5.2**	mg/kg	1.0	1	B5J0485	10/19/2015	10/20/15 09:51	

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QUALITY CONTROL SECTION

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5J0473 - EPA 3050 Modified_S									
Blank (B5J0473-BLK1)					Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	ND	1.0			NR				
Blank (B5J0473-BLK2)					Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	ND	1.0			NR				
LCS (B5J0473-BS1)					Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	47.5721	1.0	50.0000		95.1	80 - 120			
Duplicate (B5J0473-DUP1)		**Source: 1503530-20**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	7.23772	1.0		7.61226	NR		5.04	20	
Duplicate (B5J0473-DUP2)		**Source: 1503530-10**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	29.8666	1.0		29.4510	NR		1.40	20	
Matrix Spike (B5J0473-MS1)		**Source: 1503530-20**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	227.089	1.0	250.000	7.61226	87.8	35 - 129			
Matrix Spike (B5J0473-MS2)		**Source: 1503530-10**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	249.030	1.0	250.000	29.4510	87.8	35 - 129			
Matrix Spike Dup (B5J0473-MSD1)		**Source: 1503530-20**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	234.324	1.0	250.000	7.61226	90.7	35 - 129	3.14	20	

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Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5J0474 - EPA 3050 Modified_S									
Blank (B5J0474-BLK1)					Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	ND	1.0			NR				
Blank (B5J0474-BLK2)					Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	ND	1.0			NR				
LCS (B5J0474-BS1)					Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	48.7266	1.0	50.0000		97.5	80 - 120			
Duplicate (B5J0474-DUP1)		**Source: 1503530-40**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	46.9127	1.0		44.6841	NR		4.87	20	
Duplicate (B5J0474-DUP2)		**Source: 1503530-30**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	9.05417	1.0		8.27364	NR		9.01	20	
Matrix Spike (B5J0474-MS1)		**Source: 1503530-40**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	274.511	1.0	250.000	44.6841	91.9	35 - 129			
Matrix Spike (B5J0474-MS2)		**Source: 1503530-30**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	242.730	1.0	250.000	8.27364	93.8	35 - 129			
Matrix Spike Dup (B5J0474-MSD1)		**Source: 1503530-40**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	232.208	1.0	250.000	44.6841	75.0	35 - 129	16.7	20	

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Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5J0475 - EPA 3050 Modified_S									
Blank (B5J0475-BLK1)					Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	ND	1.0			NR				
Blank (B5J0475-BLK2)					Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	ND	1.0			NR				
LCS (B5J0475-BS1)					Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	48.4446	1.0	50.0000		96.9	80 - 120			
Duplicate (B5J0475-DUP1)		**Source: 1503530-60**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	14.0305	1.0		17.5001	NR		22.0	20	R
Duplicate (B5J0475-DUP2)		**Source: 1503530-50**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	7.32168	1.0		7.10730	NR		2.97	20	
Matrix Spike (B5J0475-MS1)		**Source: 1503530-60**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	235.707	1.0	250.000	17.5001	87.3	35 - 129			
Matrix Spike (B5J0475-MS2)		**Source: 1503530-50**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	227.066	1.0	250.000	7.10730	88.0	35 - 129			
Matrix Spike Dup (B5J0475-MSD1)		**Source: 1503530-60**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	249.527	1.0	250.000	17.5001	92.8	35 - 129	5.70	20	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/21/2015

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5J0476 - EPA 3050 Modified_S									
Blank (B5J0476-BLK1)					Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	ND	1.0			NR				
Blank (B5J0476-BLK2)					Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	ND	1.0			NR				
LCS (B5J0476-BS1)					Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	48.3612	1.0	50.0000		96.7	80 - 120			
Duplicate (B5J0476-DUP1)		**Source: 1503530-80**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	27.8188	1.0		26.1980	NR		6.00	20	
Duplicate (B5J0476-DUP2)		**Source: 1503530-70**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	55.6501	1.0		27.1013	NR		69.0	20	R
Matrix Spike (B5J0476-MS1)		**Source: 1503530-80**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	223.504	1.0	250.000	26.1980	78.9	35 - 129			
Matrix Spike (B5J0476-MS2)		**Source: 1503530-70**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	247.366	1.0	250.000	27.1013	88.1	35 - 129			
Matrix Spike Dup (B5J0476-MSD1)		**Source: 1503530-80**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	234.047	1.0	250.000	26.1980	83.1	35 - 129	4.61	20	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/21/2015

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5J0477 - EPA 3050 Modified_S									
Blank (B5J0477-BLK1)					Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	ND	1.0			NR				
Blank (B5J0477-BLK2)					Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	ND	1.0			NR				
LCS (B5J0477-BS1)					Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	47.9290	1.0	50.0000		95.9	80 - 120			
Duplicate (B5J0477-DUP1)		**Source: 1503530-AA**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	88.1247	1.0		506.906	NR		141	20	R
Duplicate (B5J0477-DUP2)		**Source: 1503530-90**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	26.6029	1.0		31.5028	NR		16.9	20	
Matrix Spike (B5J0477-MS1)		**Source: 1503530-AA**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	684.379	1.0	250.000	506.906	71.0	35 - 129			
Matrix Spike (B5J0477-MS2)		**Source: 1503530-90**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	238.247	1.0	250.000	31.5028	82.7	35 - 129			
Matrix Spike Dup (B5J0477-MSD1)		**Source: 1503530-AA**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	508.344	1.0	250.000	506.906	0.576	35 - 129	29.5	20	M1, R

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/21/2015

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5J0478 - EPA 3050 Modified_S									
Blank (B5J0478-BLK1)					Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	ND	1.0			NR				
Blank (B5J0478-BLK2)					Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	ND	1.0			NR				
LCS (B5J0478-BS1)					Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	47.2356	1.0	50.0000		94.5	80 - 120			
Duplicate (B5J0478-DUP1)		**Source: 1503530-AU**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	7.47160	1.0		6.89498	NR		8.03	20	
Duplicate (B5J0478-DUP2)		**Source: 1503530-AK**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	8.04874	1.0		8.11978	NR		0.879	20	
Matrix Spike (B5J0478-MS1)		**Source: 1503530-AU**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	223.898	1.0	250.000	6.89498	86.8	35 - 129			
Matrix Spike (B5J0478-MS2)		**Source: 1503530-AK**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	219.002	1.0	250.000	8.11978	84.4	35 - 129			

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/21/2015

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5J0479 - EPA 3050 Modified_S									
Blank (B5J0479-BLK1)					Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	ND	1.0			NR				
Blank (B5J0479-BLK2)					Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	ND	1.0			NR				
LCS (B5J0479-BS1)					Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	48.1165	1.0	50.0000		96.2	80 - 120			
Duplicate (B5J0479-DUP1)		**Source: 1503530-BO**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	19.4309	1.0		59.8536	NR		102	20	R
Duplicate (B5J0479-DUP2)		**Source: 1503530-BE**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	21.0229	1.0		21.7427	NR		3.37	20	
Matrix Spike (B5J0479-MS1)		**Source: 1503530-BO**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	245.955	1.0	250.000	59.8536	74.4	35 - 129			
Matrix Spike (B5J0479-MS2)		**Source: 1503530-BE**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	233.728	1.0	250.000	21.7427	84.8	35 - 129			
Matrix Spike Dup (B5J0479-MSD1)		**Source: 1503530-BO**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	230.685	1.0	250.000	59.8536	68.3	35 - 129	6.41	20	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/21/2015

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5J0481 - EPA 3050 Modified_S									
Blank (B5J0481-BLK1)					Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	ND	1.0			NR				
Blank (B5J0481-BLK2)					Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	ND	1.0			NR				
LCS (B5J0481-BS1)					Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	47.9008	1.0	50.0000		95.8	80 - 120			
Duplicate (B5J0481-DUP1)		**Source: 1503530-CI**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	84.3734	1.0		117.327	NR		32.7	20	R
Duplicate (B5J0481-DUP2)		**Source: 1503530-BY**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	8.54672	1.0		9.17199	NR		7.06	20	
Matrix Spike (B5J0481-MS1)		**Source: 1503530-CI**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	302.915	1.0	250.000	117.327	74.2	35 - 129			
Matrix Spike (B5J0481-MS2)		**Source: 1503530-BY**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	221.856	1.0	250.000	9.17199	85.1	35 - 129			
Matrix Spike Dup (B5J0481-MSD1)		**Source: 1503530-CI**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	320.202	1.0	250.000	117.327	81.2	35 - 129	5.55	20	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/21/2015

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5J0482 - EPA 3050 Modified_S									
Blank (B5J0482-BLK1)					Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	ND	1.0			NR				
Blank (B5J0482-BLK2)					Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	ND	1.0			NR				
LCS (B5J0482-BS1)					Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	46.6029	1.0	50.0000		93.2	80 - 120			
Duplicate (B5J0482-DUP1)		**Source: 1503530-DC**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	6.73472	1.0		5.92998	NR		12.7	20	
Duplicate (B5J0482-DUP2)		**Source: 1503530-CS**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	6.28135	1.0		5.45068	NR		14.2	20	
Matrix Spike (B5J0482-MS1)		**Source: 1503530-DC**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	212.338	1.0	250.000	5.92998	82.6	35 - 129			
Matrix Spike (B5J0482-MS2)		**Source: 1503530-CS**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	215.117	1.0	250.000	5.45068	83.9	35 - 129			
Matrix Spike Dup (B5J0482-MSD1)		**Source: 1503530-DC**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	211.233	1.0	250.000	5.92998	82.1	35 - 129	0.522	20	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/21/2015

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5J0484 - EPA 3050 Modified_S									
Blank (B5J0484-BLK1)					Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	ND	1.0			NR				
Blank (B5J0484-BLK2)					Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	ND	1.0			NR				
LCS (B5J0484-BS1)					Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	46.7191	1.0	50.0000		93.4	80 - 120			
Duplicate (B5J0484-DUP1)		**Source: 1503530-DW**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	401.287	1.0		385.926	NR		3.90	20	
Duplicate (B5J0484-DUP2)		**Source: 1503530-DM**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	703.922	1.0		898.284	NR		24.3	20	R
Matrix Spike (B5J0484-MS1)		**Source: 1503530-DW**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	549.983	1.0	250.000	385.926	65.6	35 - 129			
Matrix Spike (B5J0484-MS2)		**Source: 1503530-DM**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	1080.72	1.0	250.000	898.284	73.0	35 - 129			
Matrix Spike Dup (B5J0484-MSD1)		**Source: 1503530-DW**			Prepared: 10/19/2015 Analyzed: 10/19/2015				
Lead	505.300	1.0	250.000	385.926	47.7	35 - 129	8.47	20	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/21/2015

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5J0485 - EPA 3050 Modified_S									
Blank (B5J0485-BLK1)					Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	ND	1.0			NR				
Blank (B5J0485-BLK2)					Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	ND	1.0			NR				
LCS (B5J0485-BS1)					Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	46.8325	1.0	50.0000		93.7	80 - 120			
Duplicate (B5J0485-DUP1)		**Source: 1503537-04**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	773.516	1.0		670.756	NR		14.2	20	
Duplicate (B5J0485-DUP2)		**Source: 1503530-EG**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	6.61462	1.0		6.36453	NR		3.85	20	
Matrix Spike (B5J0485-MS1)		**Source: 1503537-04**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	1062.65	1.0	250.000	670.756	157	35 - 129			M1
Matrix Spike (B5J0485-MS2)		**Source: 1503530-EG**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	217.595	1.0	250.000	6.36453	84.5	35 - 129			
Matrix Spike Dup (B5J0485-MSD1)		**Source: 1503537-04**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	775.206	1.0	250.000	670.756	41.8	35 - 129	31.3	20	R

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/21/2015

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
ND	Analyte is not detected at or above the Practical Quantitation Limit (PQL). When client requests quantitation against MDL, analyte is not detected at or above the Method Detection Limit (MDL)
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)
TX1	TX-NELAP (TCEQ)

Notes:
(1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.
(2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.
(3) Results are wet unless otherwise specified.

CHAIN OF CUSTODY RECORD

Page 1 of 11

FOR LABORATORY USE ONLY

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FedEx ☐ Other: ____

Sample Condition Upon Receipt
1. CHILLED Y ☐ N ☐ 4. SEALED Y ☐ N ☑
2. HEADSPACE (VOA) Y ☐ N ☐ 5. # OF SPLS MATCH COC Y ☐ N ☐
3. CONTAINER INTACT Y ☐ N ☐ 6. PRESERVED Y ☐ N ☑

P.O. #: ____
Logged By: ____ Date: ____

Address: 3160 Gold Valley Drive, Suite 800 Tel: 916-852-9118
City: Rancho Cordova State: CA Zip Code: 95742 Fax: 916-852-9132

Project #: S9805-01-58 Sampler: (Signature)

	Date	Time	Received by: (Signature and Printed Name)	Date	Time
ORD DENNIG	10/12/15	1930	Geocon	10/12/15	1930
Silva	10/13/15	1630	ontrac	10/13/15	1630
	Date:	Time:	Received by: (Signature and Printed Name)	Date: 10/14/15	Time: 910

Send Report To:
Attn: Rebecca Silva
Co:
Addr:
City: State: Zip:

Bill To:
Attn:
Co:
Addr:
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132
5-day TAT on all Samples
Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

s will be disposed 45 days after receipt and records will be disposed
sted):
ar)

QA/QC: RTNE ☐ CT ☑ SWRCB ☐ Logcode____ OTHER____

Sample ID / Location	Sample Description Date	Time	Circle or Add Analysis(es) Requested: Total Lead (6010B)	SPECIFY APPROPRIATE MATRIX: SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
B-HA157-0'	10/12/15	838	X	X				5 Day	1	baggie		
B-HA157-0.5'		840										
-1'		842										
B-HA158-0'		843										
-0.5'		844										
-1'		846										
B-HA159-0'		855										
-0.5'		858										
-1'		902										
B-HA160-0'		903										
-0.5'		904										
-1'		905										
B-HA161-0'		907										
-0.5'		909										
-1'		910										
B-HA162-0'		913										
-0.5		914										
-1'		915										
B-B163-0'		936										
-0.5		937										

☐ A = Overnight ≤ 24 hrs ☐ B = Emergency Next Workday ☐ C = Critical 2 Workdays ☐ D = Urgent 3 Workdays ☑ E = Routine 5 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=$Na_2S_2O_3$

23		-0.5'	940	
24	L27-B164	-1'	941	
25	L27-B165	-0'	943	
26		-0.5'	944	
27	L27-B165	-1'	945	
28	L27-B166	-0'	946	
29		-0.5'	947	
30	L27-B166	-1'	948	
31	L27-B167	-0'	949	
32		-0.5'	950	
33	L27-B167	-1'	951	
34	L27-B168	-0'	953	
35		-0.5'	954	
36	L27-B168	-1'	955	
37	L28-B169	-0'	1005	
38		-0.5'	1006	
39		-1'	1007	
40	L28-B170	-0'	1009	

Y☐ N☐
Y☐ N☐
Y☐ N☐

916-852-9118
916-852-9132

Time: 1930
Time: 1630
Time: 940

alysis

sults and include
geoconinc.com)

■ TAT starts 8AM the following day if samples received after 3 PM

TAT: ☐ A = Overnight ≤ 24 hrs ☐ B = Emergency Next Workday ☐ C = Critical 2 Workdays ☐ D =

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar

PRESERVATION

QA/QC
RTNE ☐
CT ☑

SWRCB ☐
Logcode_____

OTHER _____

REMARKS

CHAIN OF CUSTODY RECO

FOR LABO

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

P.O. #:
Logged By: Date:

Method of Transpo
Client ☐
ATL ☐
CA OverN ☐
FedEx ☐
Other:

Client: Geocon Consultants, Inc
Address: 3160 Gold Valley Drive, Su
Attention: Rebecca Silva
City: Rancho Cordova
Project Name: Sac 99/99 Gore Points
Project #: S9805-01-58
Sampler:

Relinquished by: (Signature and Printed Name) CORD DENNIG Date: 10/12/15 Time: 1930 Received by: Geo
Relinquished by: (Signature and Printed Name) Geocon/RSilva Date: 10/13/15 Time: 1030 Received by:
Relinquished by: (Signature and Printed Name) Date: Time: Received by:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Rebecca Silva 10/13/15
Print Name Date
Signature

Send Report To:
Attn: Rebecca Silva
Co:
Addr:
City: State: Zip:

Bill To:
Attn:
Co:
Addr:
City: Sta

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 /ATL workorder /mo (after 1 year)

Circle or Add Analysis(es) Requested

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Total Lead (6010B)
	1510536-21	L27-B163-1'	10/12	930	X
	22	L27-B164-0'		932	

H_2SO_4 C=4°C
H T=$Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
Tel: (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 ☐ 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 Consultants, Inc
Address: 3160 Gold Valley Drive, Suite 800
Tel: 916-852-9118
Attention: Rebecca Silva
City: Rancho Cordova State: CA Zip Code: 95742
Fax: 916-852-9132
Project Name: Sac 50/99 Gore Points Project #: S9805-01-58 Sampler: (Signature)

Relinquished by: (Signature and Printed Name) CORD DENNIS Date: 10/12/15 Time: 1930 Received by: (Signature and Printed Name) Geocon Date: 10/12/15 Time: 1930
Relinquished by: (Signature and Printed Name) Geocon / R Silva Date: 10/13/15 Time: 1630 Received by: (Signature and Printed Name) ontrac Date: 10/13/15 Time: 1630
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: 10/14/15 Time: 940

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Rebecca Silva 10/13/15
Print Name Date
Signature

Send Report To:
Attn: Rebecca Silva
Co:
Addr:
City: State: Zip:

Bill To:
Attn:
Co:
Addr:
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132

Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

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 /ATL workorder /mo (after 1 year)

Circle or Add Analysis(es) Requested: Total Lead (6010B)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

PRESERVATION

QA / QC: RTNE ☐ CT ☑ SWRCB ☐ Logcode_____ OTHER _____

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Total Lead (6010B)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	150330-41	L28-B170-0.5'	10/12	1010	X				X	5 Day	1	baggie		
	42	-1'		1018										
	43	L28-B171-0'		1018										
	44	-0.5'		1019										
	45	-1'		1020										
	46	L28-B172-0'		1022										
	47	-0.5'		1023										
	48	-1'		1024										
	49	L28-B173-0'	1030	~~1026~~										
	50	-0.5'	1031	~~1027~~										
	51	-1'	1032	~~1028~~										
	52	L28-B174-0'		1038										
	53	-0.5'		1039										
	54	-1'		1040										
	55	L29-B175-0'		1047										
	56	-0.5'		1048										
	57	-1'		1049										
	58	L29-B176-0'		1051										
	59	-0.5'		1052										
	60	-1'		1053										

- TAT starts 8AM the following day if samples received after 3 PM

TAT: ☐ A = Overnight ≤ 24 hrs ☐ B = Emergency Next Workday ☐ C = Critical 2 Workdays ☐ D = Urgent 3 Workdays ☑ E = Routine 5 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives:
H=HCl N=HNO_3 S=H_2SO_4 C=4°C
Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
Tel: (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 ☐ 4. SEALED Y ☐ N ☐
2. HEADSPACE (VCA) Y ☐ N ☐ 5. # OF SPLS MATCH COC Y ☐ N ☐
3. CONTAINER INTACT Y ☐ N ☐ 6. PRESERVED Y ☐ N ☐

Client: Geocon Consultants, Inc | Address: 3160 Gold Valley Drive, Suite 800 | Tel: 916-852-9118
Attention: Rebecca Silva | City: Rancho Cordova | State: CA | Zip Code: 95742 | Fax: 916-852-9132
Project Name: Sac 50/99 Gore Points | Project #: S9805-01-58 | Sampler: (Signature)

	Date	Time		Date	Time
Relinquished by: (Signature and Printed Name) CORD DELIVER	10/12/15	1930	Received by: (Signature and Printed Name) Geocon	10/12/15	1930
Relinquished by: (Signature and Printed Name) Geocon/RSilva	10/13/15	1630	Received by: (Signature and Printed Name) Ontrac	10/13/15	1630
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date: 10/14/15	Time: 9AM

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Rebecca Silva (Print Name) 10/13/15 (Date)
(Signature)

Send Report To:
Attn: Rebecca Silva
Co:
Addr:
City: State: Zip

Bill To:
Attn:
Co:
Addr:
City: State: Zip

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132

Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

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 /ATL workorder /mo (after 1 year)

QA/QC: RTNE ☐ CT ☑ SWRCB ☐ Logcode____ OTHER ____

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Circle or Add Analysis(es) Requested: Total Lead (6010B)	SPECIFY APPROPRIATE MATRIX: SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s): #	Type	PRESERVATION	REMARKS
	160354-61	L29-B177-0'	10/12	1054	X	X				std	1	baggie		
	62	-0.5'		1055										
	63	-1'		1056										
	64	L29-B178-0'		1057										
	65	-0.5'		1058										
	66	-1'		1059										
	67	L29-B179-0'		1100										
	68	-0.5'		1101										
	69	-1'		1102										
	70	L29-B180-0'		1103										
	71	-0.5'		1104										
	72	-1'		1105										
	73	L30-HA181-0		1124										
	74	L30-HA181-0.5'		1125										
	75	L30-HA181-1'		1126										
	76	L30-HA182-0'		1129										
	77	-0.5'		1130										
	78	-1'		1131										
	79	L30-HA183-0'		1142										
	80	-0.5'		1143										

- TAT starts 8AM the following day if samples received after 3 PM

TAT: ☐ A = Overnight ≤ 24 hrs ☐ B = Emergency Next Workday ☐ C = Critical 2 Workdays ☐ D = Urgent 3 Workdays ☒ E = Routine 5 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives:
H=HCl N=HNO_3 S=H_2SO_4 C=4°C
Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
Tel: (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 ☐ 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 Consultants, Inc
Address: 3160 Gold Valley Drive, Suite 800
Tel: 916-852-9118
Attention: Rebecca Silva
City: Rancho Cordova State: CA Zip Code: 95742
Fax: 916-852-9132
Project Name: Sac 50/99 Gore Points
Project #: S9805-01-58
Sampler: (Signature)

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
CORD DENNIS	10/12/15	1930	Geocon	10/12/15	1930
Geocon/RSilva	10/13/15	1630	ATAC	10/13/15	1630
				10/14/15	900

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Rebecca Silva 10/13/15
Print Name Date
Signature

Send Report To:
Attn: Rebecca Silva
Co: _____
Addr: _____
City: State: Zip:

Bill To:
Attn: _____
Co: _____
Addr: _____
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132

Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

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 /ATL workorder /mo (after 1 year)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX

QA/QC: RTNE ☐ CT ☑ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Total Lead (6010B)	SOIL	WATER	GROUND WATER	WASTEWATER	PRESERVATION	Container(s): TAT	#	Type	REMARKS
	1603530-81	L30-HA183-1'	10/12	1114	X	X					5 Day	1	baggie	
		L30-HA184-0'		1201										
82		L30-HA185-0'	10/12	1202	X	X					5 Day	1	Baggie	
83		-0.5'		1202										
84		-1'		1203										
85		L30-HA186-0'		1210										
86		-0.5'		1211										
87		-1'		1212										
88		L30-HA184-0'		1155										
89		-0.5'		1156										
90		-1'		1157										
91		L31-B187-0'		1240										
92		-0.5'		1241										
93		-1'		1242										
94		L31-B188 -0'		1243										
95		-0.5'		1244										
96		-1'		1245										
97		L31-B189 -0'		1247										
98		-0.5'		1248										
99		-1'		1249										

- TAT starts 8AM the following day if samples received after 3 PM

TAT: ☐ A = Overnight ≤ 24 hrs ☐ B = Emergency Next Workday ☐ C = Critical 2 Workdays ☐ D = Urgent 3 Workdays ☑ E = Routine 5 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives:
H=HCl N=HNO_3 S=H_2SO_4 C=4°C
Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

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Signal Hill, CA 90755
Tel: (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 Consultants, Inc | Address: 3160 Gold Valley Drive, Suite 800 | Tel: 916-852-9118
Attention: Rebecca Silva | City: Rancho Cordova | State: CA | Zip Code: 95742 | Fax: 916-852-9132
Project Name: Sac 50/99 Gore Points | Project #: S9805-01-58 | Sampler: (Signature)

Relinquished by: (Signature and Printed Name) CORD DELIVERY Date: 10/12/15 Time: 1930 | Received by: (Signature and Printed Name) Geocon Date: 10/12/15 Time: 1930
Relinquished by: (Signature and Printed Name) Geocon / R Silva Date: 10/13/15 Time: 1630 | Received by: (Signature and Printed Name) ORIGINAL Date: 10/13/15 Time: 1630
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: Rebecca Silva 10/13/15 (Print Name / Date)
Signature

Send Report To: Attn: Rebecca Silva | Co: | Addr: | City: State: Zip:

Bill To: Attn: | Co: | Addr: | City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132

Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

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- Records: $1 /ATL workorder /mo (after 1 year)

QA/QC: RTNE ☐ CT ☑ | SWRCB ☐ Logcode_____ | OTHER _____

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Total Lead (6010B)	SPECIFY APPROPRIATE MATRIX: SOIL	WATER	GROUND WATER	WASTEWATER	Container(s): TAT	#	Type	PRESERVATION	REMARKS
	599778-1A	L31-B190-0'	10/12	1253	X	X					1	baggie		
	1B	-0.5'		1254										
	1C	-1'		1255										
	1D	L31-B191-0'		1258										
	1E	-0.5'		1259										
	1F	-1'		1300										
	1G	L31-B192-0'		1303										
	1H	-0.5'		1304										
	1I	-1'		1305										
	1J	L32-B193-0'		1337										
	1K	-0.5'		1338										
	1L	-1'		1339										
	1M	L32-B194-0'		1342										
	1N	-0.5'		1343										
	1O	-1'		1344										
	1P	L32-B195-0'		1347										
	1Q	-0.5'		1348										
	1R	-1'		1349										
	1S	L32-B196-0'		1352										
	1T	-0.5'		1353										

Circle or Add Analysis(es) Requested

- TAT starts 8AM the following day if samples received after 3 PM

TAT: ☐ A = Overnight ≤ 24 hrs | ☐ B = Emergency Next Workday | ☐ C = Critical 2 Workdays | ☐ D = Urgent 3 Workdays | ☑ E = Routine 5 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

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Signal Hill, CA 90755
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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 ☐ 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 Consultants, Inc
Address: 3160 Gold Valley Drive, Suite 800
Tel: 916-852-9118
Attention: Rebecca Silva
City: Rancho Cordova State: CA Zip Code: 95742
Fax: 916-852-9132
Project Name: Sac 50/99 Gore Points Project #: S9805-01-58 Sampler: (Signature)

Relinquished by: (Signature and Printed Name) CORD DENNIS Date: 10/12/15 Time: 1930
Received by: (Signature and Printed Name) Geocon Date: 10/12/15 Time: 1930
Relinquished by: (Signature and Printed Name) Geocon / RSilva Date: 10/13/15 Time: 1030
Received by: (Signature and Printed Name) ontac Date: 10/13/15 Time: 1030
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: Rebecca Silva 10/13/15
Print Name Date
Signature

Send Report To:
Attn: Rebecca Silva
Co:
Addr:
City: State: Zip:

Bill To:
Attn:
Co:
Addr:
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132

Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

Sample/Records - Archival & Disposal
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- Records: $1 /ATL workorder /mo (after 1 year)

QA/QC: RTNE ☐ CT ☑ SWRCB ☐ Logcode_____ OTHER_____

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Total Lead (6010B)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	150330-AU	L32-B196-1'	10/12	1324	X	X				5 Day	1	baggie		
	AV	L32-B197-0'		1327										
	AW	-0.5'		1356										
	AX	L32-B197-1'		1359										
	AY	L32-B198-0'		1402										
	AZ	-0.5'		1403										
	BA	-1'		1404										
	BB	L33-B199-0'		1430										
	BC	-0.5'		1431										
	BD	-1'		1432										
	BE	L33-B200-0'		1435										
	BF	-0.5'		1436										
	BG	-1'		1437										
	BH	L33-B201-0'		1440										
	BI	-0.5'		1441										
	BJ	-1'		1442										
	BK	L33-B202-0'		1445										
	BL	-0.5'		1446										
	BM	-1'		1447										
	BN	L33-B203-0'		1452										

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Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl $N=HNO_3$ $S=H_2SO_4$ C=4°C $Z=Zn(AC)_2$ O=NaOH $T=Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

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3275 Walnut Avenue
Signal Hill, CA 90755
Tel: (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 ☐ 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 Consultants, Inc
Address: 3160 Gold Valley Drive, Suite 800
Tel: 916-852-9118
Attention: Rebecca Silva
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Project Name: Sac 50/99 Gore Points Project #: S9805-01-58 Sampler: (Signature)

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Relinquished by: (Signature and Printed Name) Geocon/FedEx Date: 10/13/15 Time: 1630 Received by: (Signature and Printed Name) ONTRAC Date: 10/13/15 Time: 1630
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:
Rebecca Silva 10/13/15
Print Name Date
Signature

Send Report To:
Attn: Rebecca Silva
Co:
Addr:
City: State: Zip:

Bill To:
Attn:
Co:
Addr:
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132

Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

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Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX: SOIL / WATER / GROUND WATER / WASTEWATER

PRESERVATION

QA/QC: RTNE ☐ CT ☑ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Total Lead (6010B)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	15[illegible]-BO	L33-B203-0.5'	10/12	1454	X	X				5 day	1	baggie		
	BP	-1'		1455										
	BQ	L33-B204-0'		1457										
	BR	-0.5'		1459										
	BS	-1'		1501										
	BT	L34-B205-0'		1517										
	BU	-0.5'		1518										
	BV	-1'		1520										
	BW	L34-B206-0'		1522										
	BX	-0.5'		1523										
	BY	-1'		1524										
	BZ	L34-B207-0'		1526										
	CA	-0.5'		1527										
	CB	-1'		1528										
	CC	L34-B208-0'		1531										
	CD	-0.5'		1532										
	CE	-1'		1533										
	CF	L34-B209-0'		1534										
	CG	-0.5'		1537										
	CH	-1'		1538										

- TAT starts 8AM the following day if samples received after 3 PM

TAT: ☐ A = Overnight ≤ 24 hrs ☐ B = Emergency Next Workday ☐ C = Critical 2 Workdays ☐ D = Urgent 3 Workdays ☑ E = Routine 5 Workdays

Container Types: T=Tube V=VCA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives:
H=HCl N=HNO_3 S=H_2SO_4 C=4°C
Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
Tel: (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 ☐ 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 Consultants, Inc
Address: 3160 Gold Valley Drive, Suite 800
Tel: 916-852-9118
Attention: Rebecca Silva
City: Rancho Cordova State: CA Zip Code: 95742
Fax: 916-852-9132
Project Name: Sac 50/99 Gore Points Project #: S9805-01-58
Sampler: (Signature)

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
CARD DENNIG 10/12/15 1930 Geocon 10/12/15 1930
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Geocon RSLO 10/13/15 1630 ONTRAC 10/13/15 1630
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
10/14/15 9:0

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Rebecca Silva 10/13/15
Print Name Date
Signature

Send Report To:
Attn: Rebecca Silva
Co:
Addr:
City: State: Zip:

Bill To:
Attn:
Co:
Addr:
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132

Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

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 /ATL workorder /mo (after 1 year)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX

PRESERVATION

QA/QC
RTNE ☐
CT ☑
SWRCB ☐ Logcode_____
OTHER _____

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Total Lead (6010B)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	REMARKS
	15K1135-CI	L34-B210-0'	10/12	1540	X	X				5 Day	1	baggie	
	CJ	-0.5'		1541									
	CK	-1'		1542									
	CL	L35-B211-0'		1553									
	CM	-0.5'		1555									
	CN	-1'		1556									
	CO	L35-B212-0'		1558									
	CP	-0.5'		1600									
	CQ	-1'		1601									
	CR	L35-B213-0'		1603									
	CS	-0.5'		1604									
	CT	-1'		1606									
	CU	L35-B214-0'		1608									
	CV	-0.5'		1610									
	CW	-1'		1611									
	CX	L35-B215-0'		1613									
	CY	-0.5'		1615									
	CZ	-1'		1616									
	DA	L35-B216-0'		1617									
	DB	-0.5'		1619									

- TAT starts 8AM the following day if samples received after 3 PM

TAT: ☐ A = Overnight ≤ 24 hrs ☐ B = Emergency Next Workday ☐ C = Critical 2 Workdays ☐ D = Urgent 3 Workdays ☒ E = Routine 5 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives:
H=HCl N=HNO_3 S=H_2SO_4 C=4°C
Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
Tel: (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 ☐ 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 Consultants, Inc
Address: 3160 Gold Valley Drive, Suite 800
Tel: 916-852-9118
Attention: Rebecca Silva
City: Rancho Cordova State: CA Zip Code: 95742
Fax: 916-852-9132
Project Name: Sac 50/99 Gore Points Project #: S9805-01-58 Sampler: (Signature)

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
[illegible] CARL DENNG	10/12/15	1930	Geocon	10/12/15	1930
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
Geocon/FedEx	10/13/15	1030	[illegible]	10/13/15	1030
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
			Bonita C	10/13/15	9a

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Rebecca Silva 10/13/15
Print Name Date
Signature

Send Report To:
Attn: Rebecca Silva
Co:
Addr:
City: State: Zip:

Bill To:
Attn:
Co:
Addr:
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132

Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

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- Records: $1 /ATL workorder /mo (after 1 year)

Circle or Add Analysis(es) Requested: Total Lead (6010B)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

PRESERVATION

QA/QC: RTNE ☐ CT ☑ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Total Lead (6010B)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	503035 - DC	L35-B216-1'	10/12	1621	X	X				5 Day	1	baggie		
	DD	L36-HA217-0'		1644										
	DE	-0.5'		1646										
	DF	-1'		1650										
	DG	L36-HA218-0'		1653										
	DH	-0.5'		1655										
	DI	-1'		1657										
	DJ	L36-HA219-0'		1658										
	DK	-0.5'		1700										
	DL	-1'		1701										
	DM	L36-HA220-0'		1703										
	DN	-0.5'		1705										
	DO	-1'		1706										
	DP	L36-HA221-0'		1709										
	DQ	-0.5'		1710										
	DR	-1'		1712										
	DS	L36-HA222-0'		1716										
	DT	-0.5'		1718										
	DU	-1'		1719										
	DV	L37-B223-0'		1731										

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Preservatives:
H=HCl N=HNO_3 S=H_2SO_4 C=4°C
Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
Tel: (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 ☐ 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 Consultants, Inc	Address: 3160 Gold Valley Drive, Suite 800		Tel: 916-852-9118
Attention: Rebecca Silva	City: Rancho Cordova	State: CA Zip Code: 95742	Fax: 916-852-9132
Project Name: Sac 50/99 Gore Points	Project #: S9805-01-58	Sampler: (Signature)	

Relinquished by: (Signature and Printed Name) CORD DENNIG	Date: 10/12/15	Time: 1930	Received by: (Signature and Printed Name) Geocon	Date: 10/12/15	Time: 1930
Relinquished by: (Signature and Printed Name) Geocon/FEDEX	Date: 10/13/15	Time: 1630	Received by: (Signature and Printed Name) ontrac	Date: 10/13/15	Time: 1630
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date: 10/14/15	Time: 940

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Rebecca Silva 10/13/15
Print Name Date
Signature

Send Report To:
Attn: Rebecca Silva
Co:
Addr:
City: State: Zip:

Bill To:
Attn:
Co:
Addr:
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132

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QA/QC: RTNE ☐ CT ☑ SWRCB ☐ Logcode _____

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Circle or Add Analysis(es) Requested: Total Lead (6010B)	SPECIFY APPROPRIATE MATRIX: SOIL	WATER	GROUND WATER	WASTEWATER	Container(s): TAT	#	Type	PRESERVATION	REMARKS
	150971-DW	L37-B223-0.5'	10/12	1733	X	X				5Day	1	baggie		
	DX	-1'		1734										
	DY	L37-B224-0'		1736										
	DZ	-0.5'		1738										
	EA	-1'		1739										
	EB	L37-B225-0'		1741										
	EC	-0.5'		1743										
	ED	-1'		1744										
	EE	L37-B226-0'		1746										
	EF	-0.5'		1747										
	EG	-1'		1749										
	EH	L37-B227-0'		1751										
	EI	-0.5'		1753										
	EJ	-1'		1754										
	EK	L37-B228-0'		1756										
	EL	-0.5'		1758										
	EM	-1'		1759										

- TAT starts 8AM the following day if samples received after 3 PM

TAT: ☐ A = Overnight ≤ 24 hrs ☐ B = Emergency Next Workday ☐ C = Critical 2 Workdays ☐ D = Urgent 3 Workdays ☒ E = Routine 5 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=$Na_2S_2O_3$

ADVANCED TECHNOLOGY LABORATORIES

October 29, 2015

Rebecca Silva
Geocon Consultants, Inc.
3160 Gold Valley Drive, Suite 800
Rancho Cordova, CA 95742
Tel: (916) 852-9118
Fax:(916) 852-9132

ELAP No.: 1838
CSDLAC No.: 10196
ORELAP No.: CA300003
TCEQ No. : T104704502

Re: ATL Work Order Number : 1503530
Client Reference : Sac 50/99 Gore Points, S9805-01-58

Enclosed are the results for sample(s) received on October 14, 2015 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/29/2015

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
L26-HA157-0'	1503530-01	Soil	10/12/15 8:38	10/14/15 9:10
L26-HA157-0.5'	1503530-02	Soil	10/12/15 8:40	10/14/15 9:10
L26-HA157-1.0'	1503530-03	Soil	10/12/15 8:42	10/14/15 9:10
L26-HA158-0'	1503530-04	Soil	10/12/15 8:43	10/14/15 9:10
L26-HA159-0.5'	1503530-08	Soil	10/12/15 8:58	10/14/15 9:10
L26-HA160-0.5'	1503530-11	Soil	10/12/15 9:04	10/14/15 9:10
L27-B163-0'	1503530-19	Soil	10/12/15 9:36	10/14/15 9:10
L27-B164-0'	1503530-22	Soil	10/12/15 9:39	10/14/15 9:10
L27-B165-0'	1503530-25	Soil	10/12/15 9:43	10/14/15 9:10
L27-B167-0'	1503530-31	Soil	10/12/15 9:49	10/14/15 9:10
L27-B169-0'	1503530-37	Soil	10/12/15 10:05	10/14/15 9:10
L28-B171-0'	1503530-43	Soil	10/12/15 10:18	10/14/15 9:10
L28-B172-0'	1503530-46	Soil	10/12/15 10:22	10/14/15 9:10
L29-B175-0'	1503530-55	Soil	10/12/15 10:47	10/14/15 9:10
L29-B176-0'	1503530-58	Soil	10/12/15 10:51	10/14/15 9:10
L29-B176-0.5'	1503530-59	Soil	10/12/15 10:52	10/14/15 9:10
L29-B177-0'	1503530-61	Soil	10/12/15 10:54	10/14/15 9:10
L29-B178-0'	1503530-64	Soil	10/12/15 10:57	10/14/15 9:10
L29-B179-0'	1503530-67	Soil	10/12/15 11:00	10/14/15 9:10
L30-HA184-0'	1503530-88	Soil	10/12/15 11:55	10/14/15 9:10
L31-B187-0'	1503530-91	Soil	10/12/15 12:40	10/14/15 9:10
L31-B188-0'	1503530-94	Soil	10/12/15 12:43	10/14/15 9:10
L31-B189-0'	1503530-97	Soil	10/12/15 12:47	10/14/15 9:10
L31-B190-0'	1503530-AA	Soil	10/12/15 12:53	10/14/15 9:10
L31-B191-0'	1503530-AD	Soil	10/12/15 12:58	10/14/15 9:10
L31-B192-0'	1503530-AG	Soil	10/12/15 13:03	10/14/15 9:10
L32-B195-0'	1503530-AP	Soil	10/12/15 13:47	10/14/15 9:10
L32-B198-0'	1503530-AY	Soil	10/12/15 14:02	10/14/15 9:10
L33-B203-0.5'	1503530-BO	Soil	10/12/15 14:54	10/14/15 9:10
L34-B205-0'	1503530-BT	Soil	10/12/15 15:17	10/14/15 9:10
L34-B205-0.5'	1503530-BU	Soil	10/12/15 15:18	10/14/15 9:10
L34-B206-0'	1503530-BW	Soil	10/12/15 15:22	10/14/15 9:10
L34-B209-0'	1503530-CF	Soil	10/12/15 15:36	10/14/15 9:10
L34-B210-0'	1503530-CI	Soil	10/12/15 15:40	10/14/15 9:10

Certificate of Analysis

Geocon Consultants, Inc.		Project Number :	Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800		Report To :	Rebecca Silva
Rancho Cordova , CA 95742		Reported :	10/29/2015

L35-B211-0'	1503530-CL	Soil	10/12/15 15:53	10/14/15 9:10
L35-B212-0'	1503530-CO	Soil	10/12/15 15:58	10/14/15 9:10
L35-B215-0'	1503530-CX	Soil	10/12/15 16:13	10/14/15 9:10
L35-B216-0'	1503530-DA	Soil	10/12/15 16:17	10/14/15 9:10
L36-HA217-0'	1503530-DD	Soil	10/12/15 16:44	10/14/15 9:10
L36-HA217-0.5'	1503530-DE	Soil	10/12/15 16:46	10/14/15 9:10
L36-HA217-1'	1503530-DF	Soil	10/12/15 16:50	10/14/15 9:10
L36-HA218-0'	1503530-DG	Soil	10/12/15 16:53	10/14/15 9:10
L36-HA218-0.5'	1503530-DH	Soil	10/12/15 16:55	10/14/15 9:10
L36-HA218-1'	1503530-DI	Soil	10/12/15 16:57	10/14/15 9:10
L36-HA219-0'	1503530-DJ	Soil	10/12/15 16:58	10/14/15 9:10
L36-HA219-0.5'	1503530-DK	Soil	10/12/15 17:00	10/14/15 9:10
L36-HA219-1'	1503530-DL	Soil	10/12/15 17:01	10/14/15 9:10
L36-HA220-0'	1503530-DM	Soil	10/12/15 17:03	10/14/15 9:10
L36-HA220-0.5'	1503530-DN	Soil	10/12/15 17:05	10/14/15 9:10
L36-HA220-1'	1503530-DO	Soil	10/12/15 17:06	10/14/15 9:10
L36-HA221-0'	1503530-DP	Soil	10/12/15 17:09	10/14/15 9:10
L36-HA221-0.5'	1503530-DQ	Soil	10/12/15 17:10	10/14/15 9:10
L36-HA221-1'	1503530-DR	Soil	10/12/15 17:12	10/14/15 9:10
L36-HA222-0'	1503530-DS	Soil	10/12/15 17:16	10/14/15 9:10
L37-B223-0'	1503530-DV	Soil	10/12/15 17:31	10/14/15 9:10
L37-B223-0.5'	1503530-DW	Soil	10/12/15 17:33	10/14/15 9:10
L37-B223-1'	1503530-DX	Soil	10/12/15 17:34	10/14/15 9:10
L37-B224-0'	1503530-DY	Soil	10/12/15 17:36	10/14/15 9:10
L37-B225-0'	1503530-EB	Soil	10/12/15 17:41	10/14/15 9:10
L37-B226-0'	1503530-EE	Soil	10/12/15 17:46	10/14/15 9:10
L37-B227-0'	1503530-EH	Soil	10/12/15 17:51	10/14/15 9:10

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/29/2015

TCLP Metals by ICP-AES EPA 6010B

Analyte: Lead **Analyst: RR**

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503530-46	L28-B172-0'	**ND**	mg/L	0.050	1	B5J0747	10/27/2015	10/27/15 16:26	
1503530-55	L29-B175-0'	**0.13**	mg/L	0.050	1	B5J0747	10/27/2015	10/27/15 16:35	
1503530-88	L30-HA184-0'	**ND**	mg/L	0.050	1	B5J0747	10/27/2015	10/27/15 16:37	
1503530-91	L31-B187-0'	**0.070**	mg/L	0.050	1	B5J0747	10/27/2015	10/27/15 16:40	
1503530-97	L31-B189-0'	**0.24**	mg/L	0.050	1	B5J0747	10/27/2015	10/27/15 16:47	
1503530-AA	L31-B190-0'	**1.8**	mg/L	0.050	1	B5J0747	10/27/2015	10/27/15 16:49	
1503530-AY	L32-B198-0'	**0.078**	mg/L	0.050	1	B5J0747	10/27/2015	10/27/15 16:52	
1503530-BU	L34-B205-0.5'	**0.096**	mg/L	0.050	1	B5J0747	10/27/2015	10/27/15 16:55	
1503530-CI	L34-B210-0'	**ND**	mg/L	0.050	1	B5J0747	10/27/2015	10/27/15 16:57	
1503530-CO	L35-B212-0'	**ND**	mg/L	0.050	1	B5J0747	10/27/2015	10/27/15 16:59	
1503530-DD	L36-HA217-0'	**0.56**	mg/L	0.050	1	B5J0747	10/27/2015	10/27/15 17:06	
1503530-DG	L36-HA218-0'	**0.40**	mg/L	0.050	1	B5J0747	10/27/2015	10/27/15 17:08	
1503530-DJ	L36-HA219-0'	**0.39**	mg/L	0.050	1	B5J0747	10/27/2015	10/27/15 17:14	
1503530-DM	L36-HA220-0'	**0.44**	mg/L	0.050	1	B5J0747	10/27/2015	10/27/15 17:17	
1503530-DP	L36-HA221-0'	**0.50**	mg/L	0.050	1	B5J0747	10/27/2015	10/27/15 17:19	
1503530-DS	L36-HA222-0'	**0.20**	mg/L	0.050	1	B5J0747	10/27/2015	10/27/15 17:21	
1503530-DV	L37-B223-0'	**0.19**	mg/L	0.050	1	B5J0747	10/27/2015	10/27/15 17:24	
1503530-EB	L37-B225-0'	**0.13**	mg/L	0.050	1	B5J0747	10/27/2015	10/27/15 17:26	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/29/2015

STLC Metals by ICP-AES by EPA 6010B

Analyte: Lead **Analyst: RR**

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503530-01	L26-HA157-0'	**2.4**	mg/L	1.0	20	B5J0700	10/26/2015	10/26/15 16:39	
1503530-02	L26-HA157-0.5'	**1.7**	mg/L	1.0	20	B5J0700	10/26/2015	10/26/15 16:41	
1503530-03	L26-HA157-1.0'	**2.0**	mg/L	1.0	20	B5J0700	10/26/2015	10/26/15 16:43	
1503530-04	L26-HA158-0'	**2.0**	mg/L	1.0	20	B5J0700	10/26/2015	10/26/15 16:46	
1503530-08	L26-HA159-0.5'	**3.1**	mg/L	1.0	20	B5J0700	10/26/2015	10/26/15 16:48	
1503530-11	L26-HA160-0.5'	**2.7**	mg/L	1.0	20	B5J0700	10/26/2015	10/26/15 16:50	
1503530-19	L27-B163-0'	**4.4**	mg/L	1.0	20	B5J0700	10/26/2015	10/26/15 16:53	
1503530-22	L27-B164-0'	**5.3**	mg/L	1.0	20	B5J0700	10/26/2015	10/26/15 16:59	
1503530-25	L27-B165-0'	**3.0**	mg/L	1.0	20	B5J0700	10/26/2015	10/26/15 17:01	
1503530-31	L27-B167-0'	**5.5**	mg/L	1.0	20	B5J0700	10/26/2015	10/26/15 17:04	
1503530-37	L27-B169-0'	**3.1**	mg/L	1.0	20	B5J0700	10/26/2015	10/26/15 17:13	
1503530-43	L28-B171-0'	**3.7**	mg/L	1.0	20	B5J0700	10/26/2015	10/26/15 17:15	
1503530-46	L28-B172-0'	**7.1**	mg/L	1.0	20	B5J0700	10/26/2015	10/26/15 17:18	
1503530-55	L29-B175-0'	**21**	mg/L	1.0	20	B5J0700	10/26/2015	10/26/15 17:20	
1503530-58	L29-B176-0'	**20**	mg/L	1.0	20	B5J0700	10/26/2015	10/26/15 17:26	
1503530-59	L29-B176-0.5'	**ND**	mg/L	1.0	20	B5J0700	10/26/2015	10/26/15 17:29	
1503530-61	L29-B177-0'	**9.4**	mg/L	1.0	20	B5J0700	10/26/2015	10/26/15 17:31	
1503530-64	L29-B178-0'	**6.0**	mg/L	1.0	20	B5J0700	10/26/2015	10/26/15 17:33	
1503530-67	L29-B179-0'	**2.7**	mg/L	1.0	20	B5J0700	10/26/2015	10/26/15 17:36	
1503530-88	L30-HA184-0'	**5.8**	mg/L	1.0	20	B5J0700	10/26/2015	10/26/15 17:38	
1503530-91	L31-B187-0'	**16**	mg/L	1.0	20	B5J0754	10/27/2015	10/27/15 13:36	
1503530-94	L31-B188-0'	**26**	mg/L	1.0	20	B5J0754	10/27/2015	10/27/15 13:40	
1503530-97	L31-B189-0'	**36**	mg/L	1.0	20	B5J0754	10/27/2015	10/27/15 13:44	
1503530-AA	L31-B190-0'	**25**	mg/L	1.0	20	B5J0754	10/27/2015	10/27/15 13:48	
1503530-AD	L31-B191-0'	**6.4**	mg/L	1.0	20	B5J0754	10/27/2015	10/27/15 13:52	
1503530-AG	L31-B192-0'	**5.9**	mg/L	1.0	20	B5J0754	10/27/2015	10/27/15 13:56	
1503530-AP	L32-B195-0'	**6.3**	mg/L	1.0	20	B5J0754	10/27/2015	10/27/15 14:00	
1503530-AY	L32-B198-0'	**11**	mg/L	1.0	20	B5J0754	10/27/2015	10/27/15 14:11	
1503530-BO	L33-B203-0.5'	**ND**	mg/L	1.0	20	B5J0754	10/27/2015	10/27/15 14:15	
1503530-BT	L34-B205-0'	**3.6**	mg/L	1.0	20	B5J0754	10/27/2015	10/27/15 14:19	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/29/2015

STLC Metals by ICP-AES by EPA 6010B

Analyte: Lead **Analyst: RR**

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503530-BU	L34-B205-0.5'	**11**	mg/L	1.0	20	B5J0754	10/27/2015	10/27/15 14:35	
1503530-BW	L34-B206-0'	**3.6**	mg/L	1.0	20	B5J0754	10/27/2015	10/27/15 14:39	
1503530-CF	L34-B209-0'	**2.1**	mg/L	1.0	20	B5J0754	10/27/2015	10/27/15 14:43	
1503530-CI	L34-B210-0'	**4.9**	mg/L	1.0	20	B5J0754	10/27/2015	10/27/15 14:47	
1503530-CL	L35-B211-0'	**5.5**	mg/L	1.0	20	B5J0754	10/27/2015	10/27/15 14:58	
1503530-CO	L35-B212-0'	**2.6**	mg/L	1.0	20	B5J0754	10/27/2015	10/27/15 15:02	
1503530-CX	L35-B215-0'	**5.0**	mg/L	1.0	20	B5J0754	10/27/2015	10/27/15 15:07	
1503530-DA	L35-B216-0'	**1.5**	mg/L	1.0	20	B5J0754	10/27/2015	10/27/15 15:11	
1503530-DD	L36-HA217-0'	**57**	mg/L	1.0	20	B5J0754	10/27/2015	10/27/15 15:14	
1503530-DE	L36-HA217-0.5'	**21**	mg/L	1.0	20	B5J0754	10/27/2015	10/27/15 15:19	
1503530-DF	L36-HA217-1'	**5.0**	mg/L	1.0	20	B5J0755	10/29/2015	10/29/15 10:47	
1503530-DG	L36-HA218-0'	**43**	mg/L	1.0	20	B5J0755	10/29/2015	10/29/15 10:49	
1503530-DH	L36-HA218-0.5'	**20**	mg/L	1.0	20	B5J0755	10/29/2015	10/29/15 10:51	
1503530-DI	L36-HA218-1'	**19**	mg/L	1.0	20	B5J0755	10/29/2015	10/29/15 10:54	
1503530-DJ	L36-HA219-0'	**34**	mg/L	1.0	20	B5J0755	10/29/2015	10/29/15 10:56	
1503530-DK	L36-HA219-0.5'	**26**	mg/L	1.0	20	B5J0755	10/29/2015	10/29/15 10:58	
1503530-DL	L36-HA219-1'	**19**	mg/L	1.0	20	B5J0755	10/29/2015	10/29/15 11:01	
1503530-DM	L36-HA220-0'	**50**	mg/L	1.0	20	B5J0755	10/29/2015	10/29/15 11:07	
1503530-DN	L36-HA220-0.5'	**29**	mg/L	1.0	20	B5J0755	10/29/2015	10/29/15 11:09	
1503530-DO	L36-HA220-1'	**16**	mg/L	1.0	20	B5J0755	10/29/2015	10/29/15 11:12	
1503530-DP	L36-HA221-0'	**52**	mg/L	1.0	20	B5J0755	10/29/2015	10/29/15 11:21	
1503530-DQ	L36-HA221-0.5'	**17**	mg/L	1.0	20	B5J0755	10/29/2015	10/29/15 11:23	
1503530-DR	L36-HA221-1'	**16**	mg/L	1.0	20	B5J0755	10/29/2015	10/29/15 11:53	
1503530-DS	L36-HA222-0'	**37**	mg/L	1.0	20	B5J0755	10/29/2015	10/29/15 11:28	
1503530-DV	L37-B223-0'	**63**	mg/L	1.0	20	B5J0755	10/29/2015	10/29/15 11:34	
1503530-DW	L37-B223-0.5'	**23**	mg/L	1.0	20	B5J0755	10/29/2015	10/29/15 11:36	
1503530-DX	L37-B223-1'	**19**	mg/L	1.0	20	B5J0755	10/29/2015	10/29/15 11:39	
1503530-DY	L37-B224-0'	**30**	mg/L	1.0	20	B5J0755	10/29/2015	10/29/15 11:41	
1503530-EB	L37-B225-0'	**36**	mg/L	1.0	20	B5J0755	10/29/2015	10/29/15 11:44	
1503530-EE	L37-B226-0'	**11**	mg/L	1.0	20	B5J0755	10/29/2015	10/29/15 11:46	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/29/2015

STLC Metals by ICP-AES by EPA 6010B

Analyte: Lead **Analyst: RR**

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503530-EH	L37-B227-0'	**4.1**	mg/L	1.0	20	B5J0756	10/27/2015	10/27/15 13:50	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/29/2015

QUALITY CONTROL SECTION

TCLP Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5J0747 - EPA 3010A_S									
Blank (B5J0747-BLK1)					Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	ND	0.050			NR				
Blank (B5J0747-BLK2)					Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	ND	0.050			NR				
LCS (B5J0747-BS1)					Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	0.879370	0.050	1.00000		87.9	80 - 120			
Duplicate (B5J0747-DUP1)		**Source: 1503530-46**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	0.015825	0.050		0.025372	NR		46.3	20	R
Duplicate (B5J0747-DUP2)		**Source: 1503530-CO**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	0.017073	0.050		0.018964	NR		10.5	20	
Matrix Spike (B5J0747-MS1)		**Source: 1503530-46**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	2.17236	0.050	2.50000	0.025372	85.9	77 - 121			
Matrix Spike (B5J0747-MS2)		**Source: 1503530-CO**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	2.15240	0.050	2.50000	0.018964	85.3	77 - 121			
Matrix Spike Dup (B5J0747-MSD1)		**Source: 1503530-46**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	2.10376	0.050	2.50000	0.025372	83.1	77 - 121	3.21	20	

Certificate of Analysis

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3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/29/2015

STLC Metals by ICP-AES by EPA 6010B - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5J0700 - STLC_S Extraction									
Blank (B5J0700-BLK1)					Prepared: 10/26/2015 Analyzed: 10/26/2015				
Lead	ND	1.0			NR				
Blank (B5J0700-BLK2)					Prepared: 10/26/2015 Analyzed: 10/26/2015				
Lead	ND	1.0			NR				
LCS (B5J0700-BS1)					Prepared: 10/26/2015 Analyzed: 10/26/2015				
Lead	1.72980		2.00000		86.5	80 - 120			
Duplicate (B5J0700-DUP1)		**Source: 1503530-31**			Prepared: 10/26/2015 Analyzed: 10/26/2015				
Lead	4.73100	1.0		5.52206	NR		15.4	20	
Duplicate (B5J0700-DUP2)		**Source: 1503530-88**			Prepared: 10/26/2015 Analyzed: 10/26/2015				
Lead	5.64450	1.0		5.75175	NR		1.88	20	
Matrix Spike (B5J0700-MS1)		**Source: 1503530-31**			Prepared: 10/26/2015 Analyzed: 10/26/2015				
Lead	7.66938		2.50000	5.52206	85.9	44 - 130			
Matrix Spike (B5J0700-MS2)		**Source: 1503530-88**			Prepared: 10/26/2015 Analyzed: 10/26/2015				
Lead	7.61029		2.50000	5.75175	74.3	44 - 130			
Matrix Spike Dup (B5J0700-MSD1)		**Source: 1503530-31**			Prepared: 10/26/2015 Analyzed: 10/26/2015				
Lead	7.62296		2.50000	5.52206	84.0	44 - 130	0.607	20	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/29/2015

STLC Metals by ICP-AES by EPA 6010B - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5J0754 - STLC_S Extraction									
Blank (B5J0754-BLK1)					Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	ND	1.0			NR				
Blank (B5J0754-BLK2)					Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	ND	1.0			NR				
LCS (B5J0754-BS1)					Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	1.99460		2.00000		99.7	80 - 120			
Duplicate (B5J0754-DUP1)		**Source: 1503530-BT**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	3.90720	1.0		3.57725	NR		8.82	20	
Duplicate (B5J0754-DUP2)		**Source: 1503530-DE**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	19.0825	1.0		20.8600	NR		8.90	20	
Matrix Spike (B5J0754-MS1)		**Source: 1503530-BT**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	6.05387		2.50000	3.57725	99.1	44 - 130			
Matrix Spike (B5J0754-MS2)		**Source: 1503530-DE**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	22.7527		2.50000	20.8600	75.7	44 - 130			
Matrix Spike Dup (B5J0754-MSD1)		**Source: 1503530-BT**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	5.92235		2.50000	3.57725	93.8	44 - 130	2.20	20	

Certificate of Analysis

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3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/29/2015

STLC Metals by ICP-AES by EPA 6010B - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5J0755 - STLC_S Extraction									
Blank (B5J0755-BLK1)					Prepared: 10/29/2015 Analyzed: 10/29/2015				
Lead	ND	1.0			NR				
Blank (B5J0755-BLK2)					Prepared: 10/29/2015 Analyzed: 10/29/2015				
Lead	ND	1.0			NR				
LCS (B5J0755-BS1)					Prepared: 10/29/2015 Analyzed: 10/29/2015				
Lead	1.97283		2.00000		98.6	80 - 120			
Duplicate (B5J0755-DUP1)		**Source: 1503530-DO**			Prepared: 10/29/2015 Analyzed: 10/29/2015				
Lead	19.0302	1.0		15.5368	NR		20.2	20	R
Duplicate (B5J0755-DUP2)		**Source: 1503530-EE**			Prepared: 10/29/2015 Analyzed: 10/29/2015				
Lead	10.9319	1.0		11.3192	NR		3.48	20	
Matrix Spike (B5J0755-MS1)		**Source: 1503530-DO**			Prepared: 10/29/2015 Analyzed: 10/29/2015				
Lead	17.4449		2.50000	15.5368	76.3	44 - 130			
Matrix Spike (B5J0755-MS2)		**Source: 1503530-EE**			Prepared: 10/29/2015 Analyzed: 10/29/2015				
Lead	12.9610		2.50000	11.3192	65.7	44 - 130			
Matrix Spike Dup (B5J0755-MSD1)		**Source: 1503530-DO**			Prepared: 10/29/2015 Analyzed: 10/29/2015				
Lead	20.7981		2.50000	15.5368	210	44 - 130	17.5	20	M1

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/29/2015

STLC Metals by ICP-AES by EPA 6010B - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5J0756 - STLC_S Extraction									
Blank (B5J0756-BLK1)					Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	ND	1.0			NR				
Blank (B5J0756-BLK2)					Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	ND	1.0			NR				
LCS (B5J0756-BS1)					Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	1.95880		2.00000		97.9	80 - 120			
Duplicate (B5J0756-DUP1)		**Source: 1503537-25**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	49.9574	1.0		49.2959	NR		1.33	20	
Duplicate (B5J0756-DUP2)		**Source: 1503537-46**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	21.9809	1.0		20.7200	NR		5.91	20	
Matrix Spike (B5J0756-MS1)		**Source: 1503537-25**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	50.6503		2.50000	49.2959	54.2	44 - 130			
Matrix Spike (B5J0756-MS2)		**Source: 1503537-46**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	22.1578		2.50000	20.7200	57.5	44 - 130			
Matrix Spike Dup (B5J0756-MSD1)		**Source: 1503537-25**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	51.2725		2.50000	49.2959	79.1	44 - 130	1.22	20	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/29/2015

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
ND	Analyte is not detected at or above the Practical Quantitation Limit (PQL). When client requests quantitation against MDL, analyte is not detected at or above the Method Detection Limit (MDL)
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)
TX1	TX-NELAP (TCEQ)

Notes:
(1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.
(2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.
(3) Results are wet unless otherwise specified.

Diane Galvan

From: Rebecca Silva [silva@geoconinc.com]
Sent: Wednesday, October 21, 2015 4:07 PM
To: Diane Galvan
Subject: RE: Results/EDD/Invoice - Sac 50/99 Gore Points (1503530)

Hi Diane – Please analyze the 61 sample with total lead >50 mg/kg for WET lead on 5-day TAT
Also, analyze the following 18 samples for TCLP lead on 5-day TAT.

Thanks!
Rebecca

L28-B172-0'
L29-B175-0'
L30-HA184-0'
L31-B190-0'
L31-B187-0'
L31-B189-0'
L32-B198-0'
L34-B210-0'
L34-B205-0.5'
L35-B212-0'
L36-HA222-0'
L36-HA219-0'
L36-HA218-0'
L36-HA221-0'
L36-HA217-0'
L36-HA220-0'
L37-B225-0'
L37-B223-0'

ADVANCED TECHNOLOGY LABORATORIES

October 21, 2015

Rebecca Silva
Geocon Consultants, Inc.
3160 Gold Valley Drive, Suite 800
Rancho Cordova, CA 95742
Tel: (916) 852-9118
Fax:(916) 852-9132

ELAP No.: 1838
CSDLAC No.: 10196
ORELAP No.: CA300003
TCEQ No. : T104704502

Re: ATL Work Order Number : 1503537
Client Reference : Sac 50/99 Gore Points, S9805-01-58

Enclosed are the results for sample(s) received on October 14, 2015 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/21/2015

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
L38-HA229-0'	1503537-01	Soil	10/13/15 8:34	10/14/15 9:10
L38-HA229-0.5'	1503537-02	Soil	10/13/15 8:35	10/14/15 9:10
L38-HA229-1'	1503537-03	Soil	10/13/15 8:36	10/14/15 9:10
L38-HA230-0'	1503537-04	Soil	10/13/15 8:37	10/14/15 9:10
L38-HA230-0.5'	1503537-05	Soil	10/13/15 8:38	10/14/15 9:10
L38-HA230-1'	1503537-06	Soil	10/13/15 8:39	10/14/15 9:10
L38-HA231-0'	1503537-07	Soil	10/13/15 8:40	10/14/15 9:10
L38-HA231-0.5'	1503537-08	Soil	10/13/15 8:41	10/14/15 9:10
L38-HA231-1'	1503537-09	Soil	10/13/15 8:42	10/14/15 9:10
L38-HA232-0'	1503537-10	Soil	10/13/15 8:46	10/14/15 9:10
L38-HA232-0.5'	1503537-11	Soil	10/13/15 8:47	10/14/15 9:10
L38-HA232-1'	1503537-12	Soil	10/13/15 8:49	10/14/15 9:10
L38-HA233-0'	1503537-13	Soil	10/13/15 8:50	10/14/15 9:10
L38-HA233-0.5'	1503537-14	Soil	10/13/15 8:51	10/14/15 9:10
L38-HA233-1'	1503537-15	Soil	10/13/15 8:52	10/14/15 9:10
L38-HA234-0'	1503537-16	Soil	10/13/15 8:54	10/14/15 9:10
L38-HA234-0.5'	1503537-17	Soil	10/13/15 8:55	10/14/15 9:10
L38-HA234-1'	1503537-18	Soil	10/13/15 8:56	10/14/15 9:10
L39-B235-0'	1503537-19	Soil	10/13/15 9:16	10/14/15 9:10
L39-B235-0.5'	1503537-20	Soil	10/13/15 9:17	10/14/15 9:10
L39-B235-1'	1503537-21	Soil	10/13/15 9:18	10/14/15 9:10
L39-B236-0'	1503537-22	Soil	10/13/15 9:20	10/14/15 9:10
L39-B236-0.5'	1503537-23	Soil	10/13/15 9:21	10/14/15 9:10
L39-B236-1'	1503537-24	Soil	10/13/15 9:23	10/14/15 9:10
L39-B237-0'	1503537-25	Soil	10/13/15 9:25	10/14/15 9:10
L39-B237-0.5'	1503537-26	Soil	10/13/15 9:26	10/14/15 9:10
L39-B237-1'	1503537-27	Soil	10/13/15 9:27	10/14/15 9:10
L39-B238-0'	1503537-28	Soil	10/13/15 9:29	10/14/15 9:10
L39-B238-0.5'	1503537-29	Soil	10/13/15 9:31	10/14/15 9:10
L39-B238-1'	1503537-30	Soil	10/13/15 9:32	10/14/15 9:10
L39-B239-0'	1503537-31	Soil	10/13/15 9:34	10/14/15 9:10
L39-B239-0.5'	1503537-32	Soil	10/13/15 9:35	10/14/15 9:10
L39-B239-1'	1503537-33	Soil	10/13/15 9:37	10/14/15 9:10
L39-B240-0'	1503537-34	Soil	10/13/15 9:39	10/14/15 9:10

L39-B240-0.5'	1503537-35	Soil	10/13/15 9:41	10/14/15 9:10
L39-B240-1'	1503537-36	Soil	10/13/15 9:42	10/14/15 9:10
L40-B241-0'	1503537-37	Soil	10/13/15 9:45	10/14/15 9:10
L40-B241-0.5'	1503537-38	Soil	10/13/15 9:46	10/14/15 9:10
L40-B241-1'	1503537-39	Soil	10/13/15 9:48	10/14/15 9:10
L40-B242-0'	1503537-40	Soil	10/13/15 9:50	10/14/15 9:10
L40-B242-0.5'	1503537-41	Soil	10/13/15 9:51	10/14/15 9:10
L40-B242-1'	1503537-42	Soil	10/13/15 9:53	10/14/15 9:10
L40-B243-0'	1503537-43	Soil	10/13/15 9:54	10/14/15 9:10
L40-B243-0.5'	1503537-44	Soil	10/13/15 9:56	10/14/15 9:10
L40-B243-1'	1503537-45	Soil	10/13/15 9:57	10/14/15 9:10
L40-B244-0'	1503537-46	Soil	10/13/15 9:59	10/14/15 9:10
L40-B244-0.5'	1503537-47	Soil	10/13/15 10:01	10/14/15 9:10
L40-B244-1'	1503537-48	Soil	10/13/15 10:03	10/14/15 9:10
L40-B245-0'	1503537-49	Soil	10/13/15 10:05	10/14/15 9:10
L40-B245-0.5'	1503537-50	Soil	10/13/15 10:06	10/14/15 9:10
L40-B245-1'	1503537-51	Soil	10/13/15 10:08	10/14/15 9:10
L40-B246-0'	1503537-52	Soil	10/13/15 10:10	10/14/15 9:10
L40-B246-0.5'	1503537-53	Soil	10/13/15 10:11	10/14/15 9:10
L40-B246-1'	1503537-54	Soil	10/13/15 10:13	10/14/15 9:10
L41-B247-0'	1503537-55	Soil	10/13/15 10:19	10/14/15 9:10
L41-B247-0.5'	1503537-56	Soil	10/13/15 10:21	10/14/15 9:10
L41-B247-1'	1503537-57	Soil	10/13/15 10:23	10/14/15 9:10
L41-B248-0'	1503537-58	Soil	10/13/15 10:24	10/14/15 9:10
L41-B248-0.5'	1503537-59	Soil	10/13/15 10:25	10/14/15 9:10
L41-B248-1'	1503537-60	Soil	10/13/15 10:27	10/14/15 9:10
L41-B249-0'	1503537-61	Soil	10/13/15 10:29	10/14/15 9:10
L41-B249-0.5'	1503537-62	Soil	10/13/15 10:30	10/14/15 9:10
L41-B249-1'	1503537-63	Soil	10/13/15 10:31	10/14/15 9:10
L41-B250-0'	1503537-64	Soil	10/13/15 10:33	10/14/15 9:10
L41-B250-0.5'	1503537-65	Soil	10/13/15 10:35	10/14/15 9:10
L41-B250-1'	1503537-66	Soil	10/13/15 10:37	10/14/15 9:10
L41-B251-0'	1503537-67	Soil	10/13/15 10:38	10/14/15 9:10
L41-B251-0.5'	1503537-68	Soil	10/13/15 10:39	10/14/15 9:10
L41-B251-1'	1503537-69	Soil	10/13/15 10:41	10/14/15 9:10
L41-B252-0'	1503537-70	Soil	10/13/15 10:43	10/14/15 9:10
L41-B252-0.5'	1503537-71	Soil	10/13/15 10:45	10/14/15 9:10
L41-B252-1'	1503537-72	Soil	10/13/15 10:46	10/14/15 9:10
L42-B253-0'	1503537-73	Soil	10/13/15 10:55	10/14/15 9:10

Geocon Consultants, Inc.
3160 Gold Valley Drive, Suite 800
Rancho Cordova , CA 95742

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L42-B253-0.5'	1503537-74	Soil	10/13/15 10:57	10/14/15 9:10
L42-B253-1'	1503537-75	Soil	10/13/15 10:59	10/14/15 9:10
L42-B254-0'	1503537-76	Soil	10/13/15 11:00	10/14/15 9:10
L42-B254-0.5'	1503537-77	Soil	10/13/15 11:01	10/14/15 9:10
L42-B254-1'	1503537-78	Soil	10/13/15 11:03	10/14/15 9:10
L42-B255-0'	1503537-79	Soil	10/13/15 11:05	10/14/15 9:10
L42-B255-0.5'	1503537-80	Soil	10/13/15 11:07	10/14/15 9:10
L42-B255-1'	1503537-81	Soil	10/13/15 11:09	10/14/15 9:10
L42-B256-0'	1503537-82	Soil	10/13/15 11:10	10/14/15 9:10
L42-B256-0.5'	1503537-83	Soil	10/13/15 11:11	10/14/15 9:10
L42-B256-1'	1503537-84	Soil	10/13/15 11:13	10/14/15 9:10
L42-B257-0'	1503537-85	Soil	10/13/15 11:15	10/14/15 9:10
L42-B257-0.5'	1503537-86	Soil	10/13/15 11:17	10/14/15 9:10
L42-B257-1'	1503537-87	Soil	10/13/15 11:18	10/14/15 9:10
L42-B258-0'	1503537-88	Soil	10/13/15 11:20	10/14/15 9:10
L42-B258-0.5'	1503537-89	Soil	10/13/15 11:22	10/14/15 9:10
L42-B258-1'	1503537-90	Soil	10/13/15 11:24	10/14/15 9:10
L43-HA259-0'	1503537-91	Soil	10/13/15 11:40	10/14/15 9:10
L43-HA259-0.5'	1503537-92	Soil	10/13/15 11:46	10/14/15 9:10
L43-HA259-1'	1503537-93	Soil	10/13/15 11:48	10/14/15 9:10
L43-HA260-0'	1503537-94	Soil	10/13/15 11:50	10/14/15 9:10
L43-HA260-0.5'	1503537-95	Soil	10/13/15 11:52	10/14/15 9:10
L43-HA260-1'	1503537-96	Soil	10/13/15 11:54	10/14/15 9:10
L43-HA261-0'	1503537-97	Soil	10/13/15 11:56	10/14/15 9:10
L43-HA261-0.5'	1503537-98	Soil	10/13/15 11:58	10/14/15 9:10
L43-HA261-1'	1503537-99	Soil	10/13/15 12:00	10/14/15 9:10
L43-HA262-0'	1503537-AA	Soil	10/13/15 12:03	10/14/15 9:10
L43-HA262-0.5'	1503537-AB	Soil	10/13/15 12:04	10/14/15 9:10
L43-HA262-1'	1503537-AC	Soil	10/13/15 12:05	10/14/15 9:10
L43-HA263-0'	1503537-AD	Soil	10/13/15 12:08	10/14/15 9:10
L43-HA263-0.5'	1503537-AE	Soil	10/13/15 12:09	10/14/15 9:10
L43-HA263-1'	1503537-AF	Soil	10/13/15 12:10	10/14/15 9:10
L43-HA264-0'	1503537-AG	Soil	10/13/15 12:12	10/14/15 9:10
L43-HA264-0.5'	1503537-AH	Soil	10/13/15 12:13	10/14/15 9:10
L43-HA264-1'	1503537-AI	Soil	10/13/15 12:14	10/14/15 9:10

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/21/2015

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: RR**

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503537-01	L38-HA229-0'	**250**	mg/kg	1.0	1	B5J0485	10/19/2015	10/20/15 09:52	
1503537-02	L38-HA229-0.5'	**10**	mg/kg	1.0	1	B5J0485	10/19/2015	10/20/15 09:53	
1503537-03	L38-HA229-1'	**16**	mg/kg	1.0	1	B5J0485	10/19/2015	10/20/15 09:54	
1503537-04	L38-HA230-0'	**670**	mg/kg	1.0	1	B5J0485	10/19/2015	10/20/15 09:55	
1503537-05	L38-HA230-0.5'	**49**	mg/kg	1.0	1	B5J0487	10/19/2015	10/20/15 10:04	
1503537-06	L38-HA230-1'	**12**	mg/kg	1.0	1	B5J0487	10/19/2015	10/20/15 10:06	
1503537-07	L38-HA231-0'	**420**	mg/kg	1.0	1	B5J0487	10/19/2015	10/20/15 10:06	
1503537-08	L38-HA231-0.5'	**30**	mg/kg	1.0	1	B5J0487	10/19/2015	10/20/15 10:08	
1503537-09	L38-HA231-1'	**15**	mg/kg	1.0	1	B5J0487	10/19/2015	10/20/15 10:09	
1503537-10	L38-HA232-0'	**440**	mg/kg	1.0	1	B5J0487	10/19/2015	10/20/15 10:10	
1503537-11	L38-HA232-0.5'	**160**	mg/kg	1.0	1	B5J0487	10/19/2015	10/20/15 10:10	
1503537-12	L38-HA232-1'	**30**	mg/kg	1.0	1	B5J0487	10/19/2015	10/20/15 10:12	
1503537-13	L38-HA233-0'	**230**	mg/kg	1.0	1	B5J0487	10/19/2015	10/20/15 10:12	
1503537-14	L38-HA233-0.5'	**23**	mg/kg	1.0	1	B5J0487	10/19/2015	10/20/15 10:16	
1503537-15	L38-HA233-1'	**19**	mg/kg	1.0	1	B5J0487	10/19/2015	10/20/15 10:19	
1503537-16	L38-HA234-0'	**470**	mg/kg	1.0	1	B5J0487	10/19/2015	10/20/15 10:20	
1503537-17	L38-HA234-0.5'	**32**	mg/kg	1.0	1	B5J0487	10/19/2015	10/20/15 10:21	
1503537-18	L38-HA234-1'	**3.8**	mg/kg	1.0	1	B5J0487	10/19/2015	10/20/15 10:23	
1503537-19	L39-B235-0'	**29**	mg/kg	1.0	1	B5J0487	10/19/2015	10/20/15 10:24	
1503537-20	L39-B235-0.5'	**9.2**	mg/kg	1.0	1	B5J0487	10/19/2015	10/20/15 10:25	
1503537-21	L39-B235-1'	**11**	mg/kg	1.0	1	B5J0487	10/19/2015	10/20/15 10:26	
1503537-22	L39-B236-0'	**130**	mg/kg	1.0	1	B5J0487	10/19/2015	10/20/15 10:30	
1503537-23	L39-B236-0.5'	**14**	mg/kg	1.0	1	B5J0487	10/19/2015	10/20/15 10:31	
1503537-24	L39-B236-1'	**39**	mg/kg	1.0	1	B5J0487	10/19/2015	10/20/15 10:32	
1503537-25	L39-B237-0'	**660**	mg/kg	1.0	1	B5J0488	10/19/2015	10/20/15 10:40	
1503537-26	L39-B237-0.5'	**310**	mg/kg	1.0	1	B5J0488	10/19/2015	10/20/15 10:43	
1503537-27	L39-B237-1'	**180**	mg/kg	1.0	1	B5J0488	10/19/2015	10/20/15 10:44	
1503537-28	L39-B238-0'	**250**	mg/kg	1.0	1	B5J0488	10/19/2015	10/20/15 10:44	
1503537-29	L39-B238-0.5'	**14**	mg/kg	1.0	1	B5J0488	10/19/2015	10/20/15 10:46	
1503537-30	L39-B238-1'	**13**	mg/kg	1.0	1	B5J0488	10/19/2015	10/20/15 10:47	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/21/2015

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: RR**

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503537-31	L39-B239-0'	**110**	mg/kg	1.0	1	B5J0488	10/19/2015	10/20/15 10:48	
1503537-32	L39-B239-0.5'	**11**	mg/kg	1.0	1	B5J0488	10/19/2015	10/20/15 10:49	
1503537-33	L39-B239-1'	**11**	mg/kg	1.0	1	B5J0488	10/19/2015	10/20/15 10:50	
1503537-34	L39-B240-0'	**45**	mg/kg	1.0	1	B5J0488	10/19/2015	10/20/15 10:51	
1503537-35	L39-B240-0.5'	**13**	mg/kg	1.0	1	B5J0488	10/19/2015	10/20/15 10:57	
1503537-36	L39-B240-1'	**9.4**	mg/kg	1.0	1	B5J0488	10/19/2015	10/20/15 10:58	
1503537-37	L40-B241-0'	**480**	mg/kg	1.0	1	B5J0488	10/19/2015	10/20/15 10:59	
1503537-38	L40-B241-0.5'	**42**	mg/kg	1.0	1	B5J0488	10/19/2015	10/20/15 11:00	
1503537-39	L40-B241-1'	**19**	mg/kg	1.0	1	B5J0488	10/19/2015	10/20/15 11:02	
1503537-40	L40-B242-0'	**680**	mg/kg	1.0	1	B5J0488	10/19/2015	10/20/15 11:02	
1503537-41	L40-B242-0.5'	**23**	mg/kg	1.0	1	B5J0488	10/19/2015	10/20/15 11:04	
1503537-42	L40-B242-1'	**98**	mg/kg	1.0	1	B5J0488	10/19/2015	10/20/15 11:04	
1503537-43	L40-B243-0'	**480**	mg/kg	1.0	1	B5J0488	10/19/2015	10/20/15 11:05	
1503537-44	L40-B243-0.5'	**60**	mg/kg	1.0	1	B5J0488	10/19/2015	10/20/15 11:09	
1503537-45	L40-B243-1'	**34**	mg/kg	1.0	1	B5J0489	10/19/2015	10/20/15 11:16	
1503537-46	L40-B244-0'	**470**	mg/kg	1.0	1	B5J0489	10/19/2015	10/20/15 11:17	
1503537-47	L40-B244-0.5'	**15**	mg/kg	1.0	1	B5J0489	10/19/2015	10/20/15 11:18	
1503537-48	L40-B244-1'	**12**	mg/kg	1.0	1	B5J0489	10/19/2015	10/20/15 11:22	
1503537-49	L40-B245-0'	**140**	mg/kg	1.0	1	B5J0489	10/19/2015	10/20/15 11:23	
1503537-50	L40-B245-0.5'	**30**	mg/kg	1.0	1	B5J0489	10/19/2015	10/20/15 11:24	
1503537-51	L40-B245-1'	**13**	mg/kg	1.0	1	B5J0489	10/19/2015	10/20/15 11:25	
1503537-52	L40-B246-0'	**200**	mg/kg	1.0	1	B5J0489	10/19/2015	10/20/15 11:26	
1503537-53	L40-B246-0.5'	**18**	mg/kg	1.0	1	B5J0489	10/19/2015	10/20/15 11:27	
1503537-54	L40-B246-1'	**27**	mg/kg	1.0	1	B5J0489	10/19/2015	10/20/15 11:29	
1503537-55	L41-B247-0'	**870**	mg/kg	1.0	1	B5J0489	10/19/2015	10/20/15 11:31	
1503537-56	L41-B247-0.5'	**100**	mg/kg	1.0	1	B5J0489	10/19/2015	10/20/15 11:35	
1503537-57	L41-B247-1'	**21**	mg/kg	1.0	1	B5J0489	10/19/2015	10/20/15 11:36	
1503537-58	L41-B248-0'	**4700**	mg/kg	10	10	B5J0489	10/19/2015	10/20/15 13:05	
1503537-59	L41-B248-0.5'	**23**	mg/kg	1.0	1	B5J0489	10/19/2015	10/20/15 11:38	
1503537-60	L41-B248-1'	**26**	mg/kg	1.0	1	B5J0489	10/19/2015	10/20/15 11:39	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/21/2015

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: RR**

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503537-61	L41-B249-0'	**1500**	mg/kg	1.0	1	B5J0489	10/19/2015	10/20/15 11:40	
1503537-62	L41-B249-0.5'	**48**	mg/kg	1.0	1	B5J0489	10/19/2015	10/20/15 11:41	
1503537-63	L41-B249-1'	**140**	mg/kg	0.99	1	B5J0489	10/19/2015	10/20/15 11:42	
1503537-64	L41-B250-0'	**530**	mg/kg	1.0	1	B5J0489	10/19/2015	10/20/15 11:42	
1503537-65	L41-B250-0.5'	**150**	mg/kg	1.0	1	B5J0490	10/19/2015	10/20/15 11:52	
1503537-66	L41-B250-1'	**8.3**	mg/kg	1.0	1	B5J0490	10/19/2015	10/20/15 11:53	
1503537-67	L41-B251-0'	**510**	mg/kg	1.0	1	B5J0490	10/19/2015	10/20/15 11:54	
1503537-68	L41-B251-0.5'	**120**	mg/kg	1.0	1	B5J0490	10/19/2015	10/20/15 11:55	
1503537-69	L41-B251-1'	**120**	mg/kg	1.0	1	B5J0490	10/19/2015	10/20/15 11:55	
1503537-70	L41-B252-0'	**350**	mg/kg	1.0	1	B5J0490	10/19/2015	10/20/15 11:59	
1503537-71	L41-B252-0.5'	**73**	mg/kg	1.0	1	B5J0490	10/19/2015	10/20/15 11:59	
1503537-72	L41-B252-1'	**38**	mg/kg	1.0	1	B5J0490	10/19/2015	10/20/15 12:00	
1503537-73	L42-B253-0'	**830**	mg/kg	1.0	1	B5J0490	10/19/2015	10/20/15 12:01	
1503537-74	L42-B253-0.5'	**26**	mg/kg	1.0	1	B5J0490	10/19/2015	10/20/15 12:02	
1503537-75	L42-B253-1'	**24**	mg/kg	1.0	1	B5J0490	10/19/2015	10/20/15 12:05	
1503537-76	L42-B254-0'	**2600**	mg/kg	1.0	1	B5J0490	10/19/2015	10/20/15 12:06	
1503537-77	L42-B254-0.5'	**17**	mg/kg	1.0	1	B5J0490	10/19/2015	10/20/15 12:08	
1503537-78	L42-B254-1'	**21**	mg/kg	1.0	1	B5J0490	10/19/2015	10/20/15 12:12	
1503537-79	L42-B255-0'	**1400**	mg/kg	1.0	1	B5J0490	10/19/2015	10/20/15 12:12	
1503537-80	L42-B255-0.5'	**51**	mg/kg	1.0	1	B5J0490	10/19/2015	10/20/15 12:13	
1503537-81	L42-B255-1'	**19**	mg/kg	1.0	1	B5J0490	10/19/2015	10/20/15 12:14	
1503537-82	L42-B256-0'	**1200**	mg/kg	1.0	1	B5J0490	10/19/2015	10/20/15 12:15	
1503537-83	L42-B256-0.5'	**25**	mg/kg	1.0	1	B5J0490	10/19/2015	10/20/15 12:16	
1503537-84	L42-B256-1'	**10**	mg/kg	1.0	1	B5J0490	10/19/2015	10/20/15 12:17	
1503537-85	L42-B257-0'	**410**	mg/kg	1.0	1	B5J0491	10/19/2015	10/20/15 12:27	
1503537-86	L42-B257-0.5'	**88**	mg/kg	1.0	1	B5J0491	10/19/2015	10/20/15 12:28	
1503537-87	L42-B257-1'	**44**	mg/kg	1.0	1	B5J0491	10/19/2015	10/20/15 12:29	
1503537-88	L42-B258-0'	**2700**	mg/kg	1.0	1	B5J0491	10/19/2015	10/20/15 12:30	
1503537-89	L42-B258-0.5'	**16**	mg/kg	1.0	1	B5J0491	10/19/2015	10/20/15 12:31	
1503537-90	L42-B258-1'	**9.6**	mg/kg	1.0	1	B5J0491	10/19/2015	10/20/15 12:32	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/21/2015

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: RR**

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503537-91	L43-HA259-0'	**260**	mg/kg	1.0	1	B5J0491	10/19/2015	10/20/15 12:33	
1503537-92	L43-HA259-0.5'	**480**	mg/kg	1.0	1	B5J0491	10/19/2015	10/20/15 12:36	
1503537-93	L43-HA259-1'	**230**	mg/kg	1.0	1	B5J0491	10/19/2015	10/20/15 12:37	
1503537-94	L43-HA260-0'	**1400**	mg/kg	1.0	1	B5J0491	10/19/2015	10/20/15 12:38	
1503537-95	L43-HA260-0.5'	**100**	mg/kg	1.0	1	B5J0491	10/19/2015	10/20/15 12:40	
1503537-96	L43-HA260-1'	**27**	mg/kg	1.0	1	B5J0491	10/19/2015	10/20/15 12:41	
1503537-97	L43-HA261-0'	**830**	mg/kg	1.0	1	B5J0491	10/19/2015	10/20/15 12:42	
1503537-98	L43-HA261-0.5'	**310**	mg/kg	1.0	1	B5J0491	10/19/2015	10/20/15 12:43	
1503537-99	L43-HA261-1'	**72**	mg/kg	1.0	1	B5J0491	10/19/2015	10/20/15 12:44	
1503537-AA	L43-HA262-0'	**690**	mg/kg	1.0	1	B5J0491	10/19/2015	10/20/15 12:47	
1503537-AB	L43-HA262-0.5'	**60**	mg/kg	1.0	1	B5J0491	10/19/2015	10/20/15 12:48	
1503537-AC	L43-HA262-1'	**12**	mg/kg	1.0	1	B5J0491	10/19/2015	10/20/15 12:49	
1503537-AD	L43-HA263-0'	**300**	mg/kg	1.0	1	B5J0491	10/19/2015	10/20/15 12:50	
1503537-AE	L43-HA263-0.5'	**220**	mg/kg	1.0	1	B5J0491	10/19/2015	10/20/15 12:51	
1503537-AF	L43-HA263-1'	**65**	mg/kg	1.0	1	B5J0492	10/19/2015	10/20/15 12:59	
1503537-AG	L43-HA264-0'	**470**	mg/kg	1.0	1	B5J0492	10/19/2015	10/20/15 12:59	
1503537-AH	L43-HA264-0.5'	**68**	mg/kg	1.0	1	B5J0492	10/19/2015	10/20/15 13:00	
1503537-AI	L43-HA264-1'	**19**	mg/kg	1.0	1	B5J0492	10/19/2015	10/20/15 13:01	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/21/2015

QUALITY CONTROL SECTION

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5J0485 - EPA 3050 Modified_S									
Blank (B5J0485-BLK1)					Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	ND	1.0			NR				
Blank (B5J0485-BLK2)					Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	ND	1.0			NR				
LCS (B5J0485-BS1)					Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	46.8325	1.0	50.0000		93.7	80 - 120			
Duplicate (B5J0485-DUP1)		**Source: 1503537-04**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	773.516	1.0		670.756	NR		14.2	20	
Duplicate (B5J0485-DUP2)		**Source: 1503530-EG**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	6.61462	1.0		6.36453	NR		3.85	20	
Matrix Spike (B5J0485-MS1)		**Source: 1503537-04**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	1062.65	1.0	250.000	670.756	157	35 - 129			M1
Matrix Spike (B5J0485-MS2)		**Source: 1503530-EG**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	217.595	1.0	250.000	6.36453	84.5	35 - 129			
Matrix Spike Dup (B5J0485-MSD1)		**Source: 1503537-04**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	775.206	1.0	250.000	670.756	41.8	35 - 129	31.3	20	R

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/21/2015

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5J0487 - EPA 3050 Modified_S									
Blank (B5J0487-BLK1)					Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	ND	1.0			NR				
Blank (B5J0487-BLK2)					Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	ND	1.0			NR				
LCS (B5J0487-BS1)					Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	48.6666	1.0	50.0000		97.3	80 - 120			
Duplicate (B5J0487-DUP1)		**Source: 1503537-24**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	13.0617	1.0		39.0760	NR		99.8	20	R
Duplicate (B5J0487-DUP2)		**Source: 1503537-14**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	21.0708	1.0		23.1551	NR		9.43	20	
Matrix Spike (B5J0487-MS1)		**Source: 1503537-24**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	226.032	1.0	250.000	39.0760	74.8	35 - 129			
Matrix Spike (B5J0487-MS2)		**Source: 1503537-14**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	238.023	1.0	250.000	23.1551	85.9	35 - 129			
Matrix Spike Dup (B5J0487-MSD1)		**Source: 1503537-24**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	224.268	1.0	250.000	39.0760	74.1	35 - 129	0.784	20	

Certificate of Analysis

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3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/21/2015

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5J0488 - EPA 3050 Modified_S									
Blank (B5J0488-BLK1)					Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	ND	1.0			NR				
Blank (B5J0488-BLK2)					Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	ND	1.0			NR				
LCS (B5J0488-BS1)					Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	47.4758	1.0	50.0000		95.0	80 - 120			
Duplicate (B5J0488-DUP1)		**Source: 1503537-44**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	67.3949	1.0		59.5885	NR		12.3	20	
Duplicate (B5J0488-DUP2)		**Source: 1503537-34**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	39.0824	1.0		45.4612	NR		15.1	20	
Matrix Spike (B5J0488-MS1)		**Source: 1503537-44**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	296.620	1.0	250.000	59.5885	94.8	35 - 129			
Matrix Spike (B5J0488-MS2)		**Source: 1503537-34**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	220.180	1.0	250.000	45.4612	69.9	35 - 129			
Matrix Spike Dup (B5J0488-MSD1)		**Source: 1503537-44**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	279.856	1.0	250.000	59.5885	88.1	35 - 129	5.82	20	

Certificate of Analysis

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3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/21/2015

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5J0489 - EPA 3050 Modified_S									
Blank (B5J0489-BLK1)					Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	ND	1.0			NR				
Blank (B5J0489-BLK2)					Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	ND	1.0			NR				
LCS (B5J0489-BS1)					Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	48.0171	1.0	50.0000		96.0	80 - 120			
Duplicate (B5J0489-DUP1)		**Source: 1503537-64**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	613.239	1.0		533.377	NR		13.9	20	
Duplicate (B5J0489-DUP2)		**Source: 1503537-54**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	17.2407	1.0		27.1844	NR		44.8	20	R
Matrix Spike (B5J0489-MS1)		**Source: 1503537-64**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	640.727	1.0	250.000	533.377	42.9	35 - 129			
Matrix Spike (B5J0489-MS2)		**Source: 1503537-54**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	231.730	1.0	250.000	27.1844	81.8	35 - 129			
Matrix Spike Dup (B5J0489-MSD1)		**Source: 1503537-64**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	1048.45	1.0	250.000	533.377	206	35 - 129	48.3	20	M1, R

Certificate of Analysis

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3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/21/2015

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5J0490 - EPA 3050 Modified_S									
Blank (B5J0490-BLK1)					Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	ND	1.0			NR				
Blank (B5J0490-BLK2)					Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	ND	1.0			NR				
LCS (B5J0490-BS1)					Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	47.5628	1.0	50.0000		95.1	80 - 120			
Duplicate (B5J0490-DUP1)		**Source: 1503537-84**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	9.47762	1.0		10.2963	NR		8.28	20	
Duplicate (B5J0490-DUP2)		**Source: 1503537-74**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	23.7442	1.0		25.7076	NR		7.94	20	
Matrix Spike (B5J0490-MS1)		**Source: 1503537-84**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	217.144	1.0	250.000	10.2963	82.7	35 - 129			
Matrix Spike (B5J0490-MS2)		**Source: 1503537-74**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	255.135	1.0	250.000	25.7076	91.8	35 - 129			
Matrix Spike Dup (B5J0490-MSD1)		**Source: 1503537-84**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	242.139	1.0	250.000	10.2963	92.7	35 - 129	10.9	20	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/21/2015

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5J0491 - EPA 3050 Modified_S									
Blank (B5J0491-BLK1)					Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	ND	1.0			NR				
Blank (B5J0491-BLK2)					Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	ND	1.0			NR				
LCS (B5J0491-BS1)					Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	48.1535	1.0	50.0000		96.3	80 - 120			
Duplicate (B5J0491-DUP1)		**Source: 1503537-AE**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	280.200	1.0		215.732	NR		26.0	20	R
Duplicate (B5J0491-DUP2)		**Source: 1503537-94**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	1439.04	1.0		1426.72	NR		0.860	20	
Matrix Spike (B5J0491-MS1)		**Source: 1503537-AE**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	334.741	1.0	250.000	215.732	47.6	35 - 129			
Matrix Spike (B5J0491-MS2)		**Source: 1503537-94**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	1694.00	1.0	250.000	1426.72	107	35 - 129			
Matrix Spike Dup (B5J0491-MSD1)		**Source: 1503537-AE**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	341.037	1.0	250.000	215.732	50.1	35 - 129	1.86	20	

Certificate of Analysis

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3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/21/2015

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5J0492 - EPA 3050 Modified_S									
Blank (B5J0492-BLK1)					Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	ND	1.0			NR				
LCS (B5J0492-BS1)					Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	47.6587	1.0	50.0000		95.3	80 - 120			
Duplicate (B5J0492-DUP1)		**Source: 1503537-AI**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	30.7770	1.0		18.7463	NR		48.6	20	R
Matrix Spike (B5J0492-MS1)		**Source: 1503537-AI**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	235.643	1.0	250.000	18.7463	86.8	35 - 129			
Matrix Spike Dup (B5J0492-MSD1)		**Source: 1503537-AI**			Prepared: 10/19/2015 Analyzed: 10/20/2015				
Lead	241.992	1.0	250.000	18.7463	89.3	35 - 129	2.66	20	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/21/2015

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
ND	Analyte is not detected at or above the Practical Quantitation Limit (PQL). When client requests quantitation against MDL, analyte is not detected at or above the Method Detection Limit (MDL)
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)
TX1	TX-NELAP (TCEQ)

Notes:
(1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.
(2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.
(3) Results are wet unless otherwise specified.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
Tel: (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 ☑ 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 Consultants, Inc
Address: 3160 Gold Valley Drive, Suite 800
Tel: 916-852-9118
Attention: Rebecca Silva
City: Rancho Cordova State: CA Zip Code: 95742
Fax: 916-852-9132
Project Name: Sac 50/99 Gore Points Project #: S9805-01-58 Sampler: (Signature)

Relinquished by: (Signature and Printed Name) CORD DENNIG Date: 10/13/15 Time: 1300 Received by: (Signature and Printed Name) GEOCON Date: 10/13/15 Time: 1300
Relinquished by: (Signature and Printed Name) Geocon / R. Silva Date: 10/13/15 Time: 1630 Received by: (Signature and Printed Name) ontrac Date: 10/13/15 Time: 1630
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: 10/14/15 Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Rebecca Silva 10/13/15
Print Name Date
Signature

Send Report To:
Attn: Rebecca Silva
Co:
Addr:
City: State: Zip:

Bill To:
Attn:
Co:
Addr:
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132
5-day TAT
Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

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 /ATL workorder /mo (after 1 year)

Circle or Add Analysis(es) Requested: Total Lead (6010B)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

PRESERVATION

QA/QC: RTNE ☐ CT ☑ SWRCB Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date (2015)	Time	Total Lead (6010B)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
1	1503537-1	L38-HA229-0'	10/13	834	X				X	5 Day	1	baggie		
2	-2	-0.5'		835										
3	-3	-1'		836										
4	-4	L38-HA230-0'		837										
5	-5	-0.5'		838										
6	-6	-1'		839										
7	-7	L38-HA231-0'		840										
8	-8	-0.5'		841										
9	-9	-1'		842										
10	-10	L38-HA232-0'		846										
11	-11	-0.5'		847										
12	-12	-1'		849										
13	-13	L38-HA233-0'		850										
14	-14	-0.5'		851										
15	-15	-1'		852										
16	-16	L38-HA234-0'		854										
17	-17	-0.5'		855										
18	-18	-1'		856										
19	-19	L39-B235-0'		916										
20	-20	-0.5'		917										

- TAT starts 8AM the following day if samples received after 3 PM

TAT: ☐ A = Overnight ≤ 24 hrs ☐ B = Emergency Next Workday ☐ C = Critical 2 Workdays ☐ D = Urgent 3 Workdays ☒ E = Routine 5 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives:
H=HCl N=HNO_3 S=H_2SO_4 C=4°C
Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
Tel: (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 ☐ 4. SEALED Y ☐ N ☐
2. HEADSPACE (VCA) Y ☐ N ☐ 5. # OF SPLS MATCH COC Y ☐ N ☐
3. CONTAINER INTACT Y ☐ N ☐ 6. PRESERVED Y ☐ N ☐

Client: Geocon Consultants, Inc
Address: 3160 Gold Valley Drive, Suite 800
Tel: 916-852-9118
Attention: Rebecca Silva
City: Rancho Cordova State: CA Zip Code: 95742 Fax: 916-852-9132
Project Name: Sac 50/99 Gore Points Project #: S9805-01-58 Sampler: (Signature)

Relinquished by: (Signature and Printed Name) CORD DENNIS	Date: 10/13/15	Time: 1500	Received by: (Signature and Printed Name) Geocon	Date: 10/13/15	Time: 1500
Relinquished by: (Signature and Printed Name) Geocon/R.Silva	Date: 10/13/15	Time: 1630	Received by: (Signature and Printed Name) ontac	Date: 10/13/15	Time: 1630
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name) C. Burton	Date: 10/14/15	Time: 910

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Rebecca Silva 10/13/15
Print Name Date
Signature

Send Report To:
Attn: Rebecca Silva
Co:
Addr:
City: State: Zip:

Bill To:
Attn:
Co:
Addr:
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132

Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

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 /ATL workorder /mo (after 1 year)

QA/QC: RTNE ☐ CT ☑ SWRCB ☐ Logcode____ OTHER____

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Total Lead (6010B)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	603527-21	L39-B235-1'	10/13	918	X				X	5 day	1	baggie		
	-22	L39-B236-0'		920										
	-23	-0.5'		921										
	-24	-1'		923										
	-25	L39-B237-0'		925										
	-26	-0.5'		926										
	-27	-1'		927										
	-28	L39-B238-0'		929										
	-29	-0.5'		931										
	-30	-1'		932										
	-31	L39-B239-0'		934										
	-32	-0.5'		935										
	-33	-1'		937										
	-34	L39-B240-0'		939										
	-35	-0.5'		941										
	-36	-1'		942										
	-37	L40-B241-0'		945										
	-38	-0.5'		948										
	-39	-1'		948										
	-40	L40-B242-0'		950										

- TAT starts 8AM the following day if samples received after 3 PM

TAT: ☐ A = Overnight ≤ 24 hrs ☐ B = Emergency Next Workday ☐ C = Critical 2 Workdays ☐ D = Urgent 3 Workdays ☒ E = Routine 5 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
Tel: (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 ☐ 4. SEALED Y ☐ N ☐
2. HEADSPACE (VCA) Y ☐ N ☐ 5. # OF SPLS MATCH COC Y ☐ N ☐
3. CONTAINER INTACT Y ☐ N ☐ 6. PRESERVED Y ☐ N ☐

Client: Geocon Consultants, Inc
Address: 3160 Gold Valley Drive, Suite 800
Tel: 916-852-9118
Attention: Rebecca Silva
City: Rancho Cordova State: CA Zip Code: 95742
Fax: 916-852-9132
Project Name: Sac 50/99 Gore Points Project #: S9805-01-58 Sampler: (Signature)

Relinquished by: (Signature and Printed Name) CORD DENNIG Date: 10/13/15 Time: 1300 Received by: (Signature and Printed Name) Geocon Date: 10/13/15 Time: 1300
Relinquished by: (Signature and Printed Name) Geocon / R. Silva Date: 10/13/15 Time: 1630 Received by: (Signature and Printed Name) ATL Date: 10/13/15 Time: 1630
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) C. Aguilar Date: 10/14/15 Time: 940

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Rebecca Silva 10/13/15
Print Name Date
Signature

Send Report To:
Attn: Rebecca Silva
Co:
Addr:
City: State: Zip:

Bill To:
Attn:
Co:
Addr:
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132

Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

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 /ATL workorder /mo (after 1 year)

Circle or Add Analysis(es) Requested: Total Lead (6010B)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

PRESERVATION

QA/QC: RTNE ☐ CT ☑ SWRCB ☐ Logcode____ OTHER____

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Total Lead (6010B)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	7303537-41	L40-B242-0.5'	10/13	953	X		X			5D	1	baggie		
	-42	-1'		953										
	-43	L40-B243-0'		954										
	-44	-0.5'		956										
	-45	-1'		957										
	-46	L40-B244-0'		959										
	-47	-0.5'		1001										
	-48	-1'		1003										
	-49	L40-B245-0'		1005										
	-50	-0.5'		1006										
	-51	-1'		1008										
	-52	L40-B246-0'		1010										
	-53	-0.5'		1011										
	-54	-1'		1013										
	-55	L41-B247-0'		1019										
	-56	-0.5'		1021										
	-57	-1'		1023										
	-58	L41-B248-0'		1024										
	-59	-0.5'		1025										
	-60	-1'		1027										

- TAT starts 8AM the following day if samples received after 3 PM

TAT: ☐ A = Overnight ≤ 24 hrs ☐ B = Emergency Next Workday ☐ C = Critical 2 Workdays ☐ D = Urgent 3 Workdays ☑ E = Routine 5 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives:
H=HCl N=HNO_3 S=H_2SO_4 C=4°C
Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
Tel: (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 ☐ 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 Consultants, Inc | Address: 3160 Gold Valley Drive, Suite 800 | Tel: 916-852-9118
Attention: Rebecca Silva | City: Rancho Cordova | State: CA | Zip Code: 95742 | Fax: 916-852-9132
Project Name: Sac 50/99 Gore Points | Project #: S9805-01-58 | Sampler: (Signature)

Relinquished by: (Signature and Printed Name)	Date	Time	Received by: (Signature and Printed Name)	Date	Time
CORD DENNIG	10/13/15	1300	Geocon	10/13/15	1300
Geocon / R. Silva	10/13/15	1630	ATL	10/13/15	1630
			Kyle N	10/14/15	910

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Rebecca Silva 10/13/15
Print Name Date
Signature

Send Report To:
Attn: Rebecca Silva
Co:
Addr:
City: State: Zip:

Bill To:
Attn:
Co:
Addr:
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132

Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

Sample/Records - Archival & Disposal
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- Records: $1 /ATL workorder /mo (after 1 year)

Circle or Add Analysis(es) Requested: Total Lead (6010B)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

PRESERVATION

QA/QC: RTNE ☐ CT ☑ SWRCB ☐ Logcode_____ OTHER_____

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Total Lead (6010B)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	353701	L41-B249-0'	10/13	1029	X	X				5 Day	1	baggie		
	-02	-0.5'		1030										
	-03	-1'		1031										
	-04	L41-B250-0'		1033										
	-05	-0.5'		1035										
	-06	-1'		1037										
	-07	L41-B251-0'		1038										
	-08	-0.5'		1039										
	-09	-1'		1041										
	-10	L41-B252-0'		1043										
	-11	-0.5'		1045										
	-12	-1'		1046										
	-13	L42-B253-0'	1015	~~1048~~										
	-14	-0.5'		1057										
	-15	-1'		1059										
	-16	L42-B254-0'		1100										
	-17	-0.5'		1101										
	-18	-1'		1103										
	-19	L42-B255-0'		1105										
	-20	-0.5'		1107										

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Preservatives:
H=HCl N=HNO_3 S=H_2SO_4 C=4°C
Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

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3275 Walnut Avenue
Signal Hill, CA 90755
Tel: (562) 989-4045 • Fax: (552) 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 ☐ 4. SEALED Y ☐ N ☐
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3. CONTAINER INTACT Y ☐ N ☐ 6. PRESERVED Y ☐ N ☐

Client: Geocon Consultants, Inc
Address: 3160 Gold Valley Drive, Suite 800
Tel: 916-852-9118
Attention: Rebecca Silva
City: Rancho Cordova State: CA Zip Code: 95742
Fax: 916-852-9132
Project Name: Sac 50/99 Gore Points Project #: S9805-01-58 Sampler: (Signature)

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
CORD DENNG	10/13/15	1300	Geocon	10/13/15	1300
GEOCON/RSILVA	10/13/15	1630	ATAC	10/13/15	1630
			C. Kwik	10/14/15	900

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Rebecca Silva (Print Name) 10/13/15 (Date)
(Signature)

Send Report To:
Attn: Rebecca Silva
Co:
Addr:
City: State: Zip:

Bill To:
Attn:
Co:
Addr:
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132

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Circle or Add Analysis(es) Requested: Total Lead (6010B)

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

PRESERVATION

QA/QC: RTNE ☐ CT ☑ SWRCB ☐ Logcode_____ OTHER_____

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Total Lead (6010B)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	A03537-01	LH2-B255-1'	10/13	1109	X	X				E	1	baggie		
	-02	LH2-B256-0'		1110						5 Day				
	-03	-0.5'		1111										
	-04	-1'		1113										
	-05	LH2-B257-0'		1115										
	-06	-0.5'		1117										
	-07	-1'		1118										
	-08	LH2-B258-0'		1120										
	-09	-0.5'		1122										
	-10	-1'		1124										
	-11	LH3-HA259-0'		1140										
	-12	-0.5'		1146										
	-13	-1'		1148										
	-14	LH3-HA260-0'		1150										
	-15	-0.5'		1152										
	-16	-1'		1154										
	-17	LH3-HA261-0'		1156										
	-18	-0.5'		1158										
	-19	-1'		1200										
	-20	LH3-HA262-0'		1203										

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H=HCl $N=HNO_3$ $S=H_2SO_4$ C=4°C
$Z=Zn(AC)_2$ O=NaOH $T=Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

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FOR LABORATORY USE ONLY

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Logged By: _____ Date: _____

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FedEx ☐ Other: _____

Sample Condition Upon Receipt:
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2. HEADSPACE (VOA) Y ☐ N ☐ 5. # OF SPLS MATCH COC Y ☐ N ☐
3. CONTAINER INTACT Y ☐ N ☐ 6. PRESERVED Y ☐ N ☐

Client: Geocon Consultants, Inc | Address: 3160 Gold Valley Drive, Suite 800 | Tel: 916-852-9118
Attention: Rebecca Silva | City: Rancho Cordova | State: CA | Zip Code: 95742 | Fax: 916-852-9132
Project Name: Sac 80/99 Gore Points | Project #: S9805-01-58 | Sampler: (Signature)

Relinquished by: (Signature and Printed Name)	Date	Time	Received by: (Signature and Printed Name)	Date	Time
CORD DENNIS	10/13/15	1300	Geocon	10/13/15	1300
Geocon FPS	10/13/15	1630	ATL	10/13/15	1630
			C. Aguilera	10/14/15	0910

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Rebecca Silva 10/13/15
Print Name Date
Signature

Send Report To:
Attn: Rebecca Silva
Co: _____
Addr: _____
City: State: Zip:

Bill To:
Attn: _____
Co: _____
Addr: _____
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132

Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

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Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

PRESERVATION

QA/QC: RTNE ☐ CT ☑ SWRCB Logcode ☐ OTHER _____

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Total Lead (6010B)	TAT	Container(s) #	Container(s) Type	REMARKS
	1505537-AB	LH3-HA262-0.5'	10/13	1204	X	5 Day	1	baggie	
	-AC	-1'		1205					
	-AD	LH3-HA263-0'		1208					
	-AE	-0.5'		1209					
	-AF	-1'		1210					
	-AG	LH3-HA264-0'		1212					
	-AH	-0.5'		1213					
	-AI	-1'		1214					

PS 10/13/15

- TAT starts 8AM the following day if samples received after 3 PM

TAT: ☐ A = Overnight ≤ 24 hrs ☐ B = Emergency Next Workday ☐ C = Critical 2 Workdays ☐ D = Urgent 3 Workdays ☒ E = Routine 5 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 $T=Na_2S_2O_3$

ADVANCED TECHNOLOGY LABORATORIES

October 29, 2015

Rebecca Silva
Geocon Consultants, Inc.
3160 Gold Valley Drive, Suite 800
Rancho Cordova, CA 95742
Tel: (916) 852-9118
Fax:(916) 852-9132

ELAP No.: 1838
CSDLAC No.: 10196
ORELAP No.: CA300003
TCEQ No. : T104704502

Re: ATL Work Order Number : 1503537
Client Reference : Sac 50/99 Gore Points, S9805-01-58

Enclosed are the results for sample(s) received on October 14, 2015 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/29/2015

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
L38-HA229-0'	1503537-01	Soil	10/13/15 8:34	10/14/15 9:10
L38-HA230-0'	1503537-04	Soil	10/13/15 8:37	10/14/15 9:10
L38-HA231-0'	1503537-07	Soil	10/13/15 8:40	10/14/15 9:10
L38-HA232-0'	1503537-10	Soil	10/13/15 8:46	10/14/15 9:10
L38-HA232-0.5'	1503537-11	Soil	10/13/15 8:47	10/14/15 9:10
L38-HA233-0'	1503537-13	Soil	10/13/15 8:50	10/14/15 9:10
L38-HA234-0'	1503537-16	Soil	10/13/15 8:54	10/14/15 9:10
L39-B236-0'	1503537-22	Soil	10/13/15 9:20	10/14/15 9:10
L39-B237-0'	1503537-25	Soil	10/13/15 9:25	10/14/15 9:10
L39-B237-0.5'	1503537-26	Soil	10/13/15 9:26	10/14/15 9:10
L39-B237-1'	1503537-27	Soil	10/13/15 9:27	10/14/15 9:10
L39-B238-0'	1503537-28	Soil	10/13/15 9:29	10/14/15 9:10
L39-B239-0'	1503537-31	Soil	10/13/15 9:34	10/14/15 9:10
L40-B241-0'	1503537-37	Soil	10/13/15 9:45	10/14/15 9:10
L40-B242-0'	1503537-40	Soil	10/13/15 9:50	10/14/15 9:10
L40-B242-1'	1503537-42	Soil	10/13/15 9:53	10/14/15 9:10
L40-B243-0'	1503537-43	Soil	10/13/15 9:54	10/14/15 9:10
L40-B243-0.5'	1503537-44	Soil	10/13/15 9:56	10/14/15 9:10
L40-B244-0'	1503537-46	Soil	10/13/15 9:59	10/14/15 9:10
L40-B245-0'	1503537-49	Soil	10/13/15 10:05	10/14/15 9:10
L40-B246-0'	1503537-52	Soil	10/13/15 10:10	10/14/15 9:10
L41-B247-0'	1503537-55	Soil	10/13/15 10:19	10/14/15 9:10
L41-B247-0.5'	1503537-56	Soil	10/13/15 10:21	10/14/15 9:10
L41-B248-0'	1503537-58	Soil	10/13/15 10:24	10/14/15 9:10
L41-B249-0'	1503537-61	Soil	10/13/15 10:29	10/14/15 9:10
L41-B249-1'	1503537-63	Soil	10/13/15 10:31	10/14/15 9:10
L41-B250-0'	1503537-64	Soil	10/13/15 10:33	10/14/15 9:10
L41-B250-0.5'	1503537-65	Soil	10/13/15 10:35	10/14/15 9:10
L41-B251-0'	1503537-67	Soil	10/13/15 10:38	10/14/15 9:10
L41-B251-0.5'	1503537-68	Soil	10/13/15 10:39	10/14/15 9:10
L41-B251-1'	1503537-69	Soil	10/13/15 10:41	10/14/15 9:10
L41-B252-0'	1503537-70	Soil	10/13/15 10:43	10/14/15 9:10
L41-B252-0.5'	1503537-71	Soil	10/13/15 10:45	10/14/15 9:10
L42-B253-0'	1503537-73	Soil	10/13/15 10:55	10/14/15 9:10

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/29/2015

L42-B254-0'	1503537-76	Soil	10/13/15 11:00	10/14/15 9:10
L42-B255-0'	1503537-79	Soil	10/13/15 11:05	10/14/15 9:10
L42-B255-0.5'	1503537-80	Soil	10/13/15 11:07	10/14/15 9:10
L42-B256-0'	1503537-82	Soil	10/13/15 11:10	10/14/15 9:10
L42-B257-0'	1503537-85	Soil	10/13/15 11:15	10/14/15 9:10
L42-B257-0.5'	1503537-86	Soil	10/13/15 11:17	10/14/15 9:10
L42-B258-0'	1503537-88	Soil	10/13/15 11:20	10/14/15 9:10
L43-HA259-0'	1503537-91	Soil	10/13/15 11:40	10/14/15 9:10
L43-HA259-0.5'	1503537-92	Soil	10/13/15 11:46	10/14/15 9:10
L43-HA259-1'	1503537-93	Soil	10/13/15 11:48	10/14/15 9:10
L43-HA260-0'	1503537-94	Soil	10/13/15 11:50	10/14/15 9:10
L43-HA260-0.5'	1503537-95	Soil	10/13/15 11:52	10/14/15 9:10
L43-HA261-0'	1503537-97	Soil	10/13/15 11:56	10/14/15 9:10
L43-HA261-0.5'	1503537-98	Soil	10/13/15 11:58	10/14/15 9:10
L43-HA261-1'	1503537-99	Soil	10/13/15 12:00	10/14/15 9:10
L43-HA262-0'	1503537-AA	Soil	10/13/15 12:03	10/14/15 9:10
L43-HA262-0.5'	1503537-AB	Soil	10/13/15 12:04	10/14/15 9:10
L43-HA263-0'	1503537-AD	Soil	10/13/15 12:08	10/14/15 9:10
L43-HA263-0.5'	1503537-AE	Soil	10/13/15 12:09	10/14/15 9:10
L43-HA263-1'	1503537-AF	Soil	10/13/15 12:10	10/14/15 9:10
L43-HA264-0'	1503537-AG	Soil	10/13/15 12:12	10/14/15 9:10
L43-HA264-0.5'	1503537-AH	Soil	10/13/15 12:13	10/14/15 9:10

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/29/2015

TCLP Metals by ICP-AES EPA 6010B

Analyte: Lead **Analyst: RR**

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503537-04	L38-HA230-0'	**0.21**	mg/L	0.050	1	B5J0747	10/27/2015	10/27/15 17:29	
1503537-25	L39-B237-0'	**ND**	mg/L	0.050	1	B5J0747	10/27/2015	10/27/15 17:31	
1503537-40	L40-B242-0'	**0.62**	mg/L	0.050	1	B5J0748	10/27/2015	10/28/15 11:37	
1503537-55	L41-B247-0'	**0.79**	mg/L	0.050	1	B5J0748	10/27/2015	10/28/15 11:46	
1503537-58	L41-B248-0'	**1.9**	mg/L	0.050	1	B5J0748	10/27/2015	10/28/15 11:49	
1503537-61	L41-B249-0'	**1.5**	mg/L	0.050	1	B5J0748	10/27/2015	10/28/15 11:51	
1503537-73	L42-B253-0'	**0.98**	mg/L	0.050	1	B5J0748	10/27/2015	10/28/15 11:58	
1503537-76	L42-B254-0'	**1.9**	mg/L	0.050	1	B5J0748	10/27/2015	10/28/15 12:00	
1503537-79	L42-B255-0'	**1.1**	mg/L	0.050	1	B5J0748	10/27/2015	10/28/15 12:02	
1503537-82	L42-B256-0'	**1.8**	mg/L	0.050	1	B5J0748	10/27/2015	10/28/15 12:05	
1503537-88	L42-B258-0'	**1.3**	mg/L	0.050	1	B5J0748	10/27/2015	10/28/15 12:07	
1503537-94	L43-HA260-0'	**0.75**	mg/L	0.050	1	B5J0748	10/27/2015	10/28/15 12:10	
1503537-97	L43-HA261-0'	**0.37**	mg/L	0.050	1	B5J0748	10/27/2015	10/28/15 12:16	
1503537-AA	L43-HA262-0'	**0.27**	mg/L	0.050	1	B5J0748	10/27/2015	10/28/15 12:19	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/29/2015

STLC Metals by ICP-AES by EPA 6010B

Analyte: Lead **Analyst: RR**

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503537-01	L38-HA229-0'	**13**	mg/L	1.0	20	B5J0756	10/27/2015	10/27/15 13:52	
1503537-04	L38-HA230-0'	**43**	mg/L	1.0	20	B5J0756	10/27/2015	10/27/15 13:54	
1503537-07	L38-HA231-0'	**20**	mg/L	1.0	20	B5J0756	10/27/2015	10/27/15 13:57	
1503537-10	L38-HA232-0'	**29**	mg/L	1.0	20	B5J0756	10/27/2015	10/27/15 13:59	
1503537-11	L38-HA232-0.5'	**8.8**	mg/L	1.0	20	B5J0756	10/27/2015	10/27/15 14:01	
1503537-13	L38-HA233-0'	**15**	mg/L	1.0	20	B5J0756	10/27/2015	10/27/15 14:04	
1503537-16	L38-HA234-0'	**22**	mg/L	1.0	20	B5J0756	10/27/2015	10/27/15 14:10	
1503537-22	L39-B236-0'	**4.8**	mg/L	1.0	20	B5J0756	10/27/2015	10/27/15 14:12	
1503537-25	L39-B237-0'	**49**	mg/L	1.0	20	B5J0756	10/27/2015	10/27/15 14:15	
1503537-26	L39-B237-0.5'	**46**	mg/L	1.0	20	B5J0756	10/27/2015	10/27/15 14:24	
1503537-27	L39-B237-1'	**15**	mg/L	1.0	20	B5J0756	10/27/2015	10/27/15 14:26	
1503537-28	L39-B238-0'	**18**	mg/L	1.0	20	B5J0756	10/27/2015	10/27/15 14:29	
1503537-31	L39-B239-0'	**9.4**	mg/L	1.0	20	B5J0756	10/27/2015	10/27/15 14:31	
1503537-37	L40-B241-0'	**39**	mg/L	1.0	20	B5J0756	10/27/2015	10/27/15 14:40	
1503537-40	L40-B242-0'	**50**	mg/L	1.0	20	B5J0756	10/27/2015	10/27/15 14:42	
1503537-42	L40-B242-1'	**4.5**	mg/L	1.0	20	B5J0756	10/27/2015	10/27/15 14:44	
1503537-43	L40-B243-0'	**23**	mg/L	1.0	20	B5J0756	10/27/2015	10/27/15 14:47	
1503537-44	L40-B243-0.5'	**3.4**	mg/L	1.0	20	B5J0756	10/27/2015	10/27/15 14:49	
1503537-46	L40-B244-0'	**21**	mg/L	1.0	20	B5J0756	10/27/2015	10/27/15 14:51	
1503537-49	L40-B245-0'	**6.8**	mg/L	1.0	20	B5J0757	10/27/2015	10/27/15 15:09	
1503537-52	L40-B246-0'	**7.5**	mg/L	1.0	20	B5J0757	10/27/2015	10/27/15 15:12	
1503537-55	L41-B247-0'	**36**	mg/L	1.0	20	B5J0757	10/27/2015	10/27/15 15:14	
1503537-56	L41-B247-0.5'	**5.6**	mg/L	1.0	20	B5J0757	10/27/2015	10/27/15 15:16	
1503537-58	L41-B248-0'	**160**	mg/L	1.0	20	B5J0757	10/27/2015	10/27/15 15:19	
1503537-61	L41-B249-0'	**190**	mg/L	1.0	20	B5J0757	10/27/2015	10/27/15 15:21	
1503537-63	L41-B249-1'	**6.3**	mg/L	1.0	20	B5J0757	10/27/2015	10/27/15 15:23	
1503537-64	L41-B250-0'	**34**	mg/L	1.0	20	B5J0757	10/27/2015	10/27/15 15:25	
1503537-65	L41-B250-0.5'	**3.7**	mg/L	1.0	20	B5J0757	10/27/2015	10/27/15 15:28	
1503537-67	L41-B251-0'	**23**	mg/L	1.0	20	B5J0757	10/27/2015	10/27/15 15:34	
1503537-68	L41-B251-0.5'	**4.4**	mg/L	1.0	20	B5J0757	10/27/2015	10/27/15 15:43	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/29/2015

STLC Metals by ICP-AES by EPA 6010B

Analyte: Lead **Analyst: RR**

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503537-69	L41-B251-1'	**12**	mg/L	1.0	20	B5J0757	10/27/2015	10/27/15 15:46	
1503537-70	L41-B252-0'	**18**	mg/L	1.0	20	B5J0757	10/27/2015	10/27/15 15:48	
1503537-71	L41-B252-0.5'	**2.7**	mg/L	1.0	20	B5J0757	10/27/2015	10/27/15 15:50	
1503537-73	L42-B253-0'	**35**	mg/L	1.0	20	B5J0757	10/27/2015	10/27/15 15:53	
1503537-76	L42-B254-0'	**160**	mg/L	1.0	20	B5J0757	10/27/2015	10/27/15 15:55	
1503537-79	L42-B255-0'	**99**	mg/L	1.0	20	B5J0757	10/27/2015	10/27/15 16:01	
1503537-80	L42-B255-0.5'	**3.7**	mg/L	1.0	20	B5J0757	10/27/2015	10/27/15 16:04	
1503537-82	L42-B256-0'	**100**	mg/L	1.0	20	B5J0757	10/27/2015	10/27/15 16:06	
1503537-85	L42-B257-0'	**33**	mg/L	1.0	20	B5J0757	10/27/2015	10/27/15 16:08	
1503537-86	L42-B257-0.5'	**8.6**	mg/L	1.0	20	B5J0758	10/27/2015	10/27/15 15:50	
1503537-88	L42-B258-0'	**180**	mg/L	1.0	20	B5J0758	10/27/2015	10/27/15 15:53	
1503537-91	L43-HA259-0'	**36**	mg/L	1.0	20	B5J0758	10/27/2015	10/27/15 15:58	
1503537-92	L43-HA259-0.5'	**35**	mg/L	1.0	20	B5J0758	10/27/2015	10/27/15 16:02	
1503537-93	L43-HA259-1'	**15**	mg/L	1.0	20	B5J0758	10/27/2015	10/27/15 16:06	
1503537-94	L43-HA260-0'	**96**	mg/L	1.0	20	B5J0758	10/27/2015	10/27/15 16:10	
1503537-95	L43-HA260-0.5'	**5.1**	mg/L	1.0	20	B5J0758	10/27/2015	10/27/15 16:14	
1503537-97	L43-HA261-0'	**56**	mg/L	1.0	20	B5J0758	10/27/2015	10/27/15 16:18	
1503537-98	L43-HA261-0.5'	**18**	mg/L	1.0	20	B5J0758	10/27/2015	10/27/15 16:22	
1503537-99	L43-HA261-1'	**4.0**	mg/L	1.0	20	B5J0758	10/27/2015	10/27/15 16:33	
1503537-AA	L43-HA262-0'	**47**	mg/L	1.0	20	B5J0758	10/27/2015	10/27/15 16:49	
1503537-AB	L43-HA262-0.5'	**3.3**	mg/L	1.0	20	B5J0758	10/27/2015	10/27/15 16:53	
1503537-AD	L43-HA263-0'	**16**	mg/L	1.0	20	B5J0758	10/27/2015	10/27/15 16:57	
1503537-AE	L43-HA263-0.5'	**8.1**	mg/L	1.0	20	B5J0758	10/27/2015	10/27/15 17:01	
1503537-AF	L43-HA263-1'	**2.0**	mg/L	1.0	20	B5J0758	10/27/2015	10/27/15 17:05	
1503537-AG	L43-HA264-0'	**32**	mg/L	1.0	20	B5J0758	10/27/2015	10/27/15 17:10	
1503537-AH	L43-HA264-0.5'	**ND**	mg/L	1.0	20	B5J0758	10/27/2015	10/27/15 17:21	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 10/29/2015

QUALITY CONTROL SECTION

TCLP Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5J0747 - EPA 3010A_S									
Blank (B5J0747-BLK1)					Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	ND	0.050			NR				
Blank (B5J0747-BLK2)					Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	ND	0.050			NR				
LCS (B5J0747-BS1)					Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	0.879370	0.050	1.00000		87.9	80 - 120			
Duplicate (B5J0747-DUP1)		**Source: 1503530-46**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	0.015825	0.050		0.025372	NR		46.3	20	R
Duplicate (B5J0747-DUP2)		**Source: 1503530-CO**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	0.017073	0.050		0.018964	NR		10.5	20	
Matrix Spike (B5J0747-MS1)		**Source: 1503530-46**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	2.17236	0.050	2.50000	0.025372	85.9	77 - 121			
Matrix Spike (B5J0747-MS2)		**Source: 1503530-CO**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	2.15240	0.050	2.50000	0.018964	85.3	77 - 121			
Matrix Spike Dup (B5J0747-MSD1)		**Source: 1503530-46**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	2.10376	0.050	2.50000	0.025372	83.1	77 - 121	3.21	20	

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TCLP Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5J0748 - EPA 3010A_S									
Blank (B5J0748-BLK1)					Prepared: 10/27/2015 Analyzed: 10/28/2015				
Lead	ND	0.050			NR				
Blank (B5J0748-BLK2)					Prepared: 10/27/2015 Analyzed: 10/28/2015				
Lead	ND	0.050			NR				
LCS (B5J0748-BS1)					Prepared: 10/27/2015 Analyzed: 10/28/2015				
Lead	0.920491	0.050	1.00000		92.0	80 - 120			
Duplicate (B5J0748-DUP1)		**Source: 1503537-40**			Prepared: 10/27/2015 Analyzed: 10/28/2015				
Lead	0.649027	0.050		0.622122	NR		4.23	20	
Duplicate (B5J0748-DUP2)		**Source: 1503537-94**			Prepared: 10/27/2015 Analyzed: 10/28/2015				
Lead	0.677555	0.050		0.751883	NR		10.4	20	
Matrix Spike (B5J0748-MS1)		**Source: 1503537-40**			Prepared: 10/27/2015 Analyzed: 10/28/2015				
Lead	2.82096	0.050	2.50000	0.622122	88.0	77 - 121			
Matrix Spike (B5J0748-MS2)		**Source: 1503537-94**			Prepared: 10/27/2015 Analyzed: 10/28/2015				
Lead	2.81115	0.050	2.50000	0.751883	82.4	77 - 121			
Matrix Spike Dup (B5J0748-MSD1)		**Source: 1503537-40**			Prepared: 10/27/2015 Analyzed: 10/28/2015				
Lead	2.80844	0.050	2.50000	0.622122	87.5	77 - 121	0.445	20	

Certificate of Analysis

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STLC Metals by ICP-AES by EPA 6010B - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5J0756 - STLC_S Extraction									
Blank (B5J0756-BLK1)					Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	ND	1.0			NR				
Blank (B5J0756-BLK2)					Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	ND	1.0			NR				
LCS (B5J0756-BS1)					Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	1.95880		2.00000		97.9	80 - 120			
Duplicate (B5J0756-DUP1)		**Source: 1503537-25**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	49.9574	1.0		49.2959	NR		1.33	20	
Duplicate (B5J0756-DUP2)		**Source: 1503537-46**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	21.9809	1.0		20.7200	NR		5.91	20	
Matrix Spike (B5J0756-MS1)		**Source: 1503537-25**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	50.6503		2.50000	49.2959	54.2	44 - 130			
Matrix Spike (B5J0756-MS2)		**Source: 1503537-46**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	22.1578		2.50000	20.7200	57.5	44 - 130			
Matrix Spike Dup (B5J0756-MSD1)		**Source: 1503537-25**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	51.2725		2.50000	49.2959	79.1	44 - 130	1.22	20	

Certificate of Analysis

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STLC Metals by ICP-AES by EPA 6010B - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5J0757 - STLC_S Extraction									
Blank (B5J0757-BLK1)					Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	ND	1.0			NR				
Blank (B5J0757-BLK2)					Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	ND	1.0			NR				
LCS (B5J0757-BS1)					Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	1.84469		2.00000		92.2	80 - 120			
Duplicate (B5J0757-DUP1)		**Source: 1503537-67**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	33.2897	1.0		22.9150	NR		36.9	20	R
Duplicate (B5J0757-DUP2)		**Source: 1503537-85**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	35.9172	1.0		32.5963	NR		9.69	20	
Matrix Spike (B5J0757-MS1)		**Source: 1503537-67**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	25.5795		2.50000	22.9150	107	44 - 130			
Matrix Spike (B5J0757-MS2)		**Source: 1503537-85**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	34.0631		2.50000	32.5963	58.7	44 - 130			
Matrix Spike Dup (B5J0757-MSD1)		**Source: 1503537-67**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	25.8682		2.50000	22.9150	118	44 - 130	1.12	20	

Certificate of Analysis

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Rancho Cordova , CA 95742	Reported : 10/29/2015

STLC Metals by ICP-AES by EPA 6010B - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5J0758 - STLC_S Extraction									
Blank (B5J0758-BLK1)					Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	ND	1.0			NR				
Blank (B5J0758-BLK2)					Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	ND	1.0			NR				
LCS (B5J0758-BS1)					Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	2.05509		2.00000		103	80 - 120			
Duplicate (B5J0758-DUP1)		**Source: 1503537-99**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	5.81527	1.0		3.98131	NR		37.4	20	R
Duplicate (B5J0758-DUP2)		**Source: 1503537-AH**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	0.648443	1.0		0.663225	NR		2.25	20	
Matrix Spike (B5J0758-MS1)		**Source: 1503537-99**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	6.27207		2.50000	3.98131	91.6	44 - 130			
Matrix Spike (B5J0758-MS2)		**Source: 1503537-AH**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	3.02046		2.50000	0.663225	94.3	44 - 130			
Matrix Spike Dup (B5J0758-MSD1)		**Source: 1503537-99**			Prepared: 10/27/2015 Analyzed: 10/27/2015				
Lead	6.26977		2.50000	3.98131	91.5	44 - 130	0.0366	20	

Certificate of Analysis

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Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
ND	Analyte is not detected at or above the Practical Quantitation Limit (PQL). When client requests quantitation against MDL, analyte is not detected at or above the Method Detection Limit (MDL)
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)
TX1	TX-NELAP (TCEQ)

Notes:
(1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.
(2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.
(3) Results are wet unless otherwise specified.

Diane Galvan

From: Rebecca Silva [silva@geoconinc.com]
Sent: Wednesday, October 21, 2015 4:12 PM
To: Diane Galvan
Subject: RE: Results/EDD/Invoice - Sac 50/99 Gore Points (1503537)

Hi Diane – Please analyze the 56 sample with total lead >50 mg/kg for WET lead on 5-day TAT. Also, please analyze the following 14 samples for TCLP lead with 5-day TAT.

Thanks!
Rebecca

L38-HA230-0'
L39-B237-0'
L40-B242-0'
L41-B247-0'
L41-B249-0'
L41-B248-0'
L42-B253-0'
L42-B256-0'
L42-B255-0'
L42-B254-0'
L42-B258-0'
L43-HA262-0'
L43-HA261-0'
L43-HA260-0'

November 12, 2015

Rebecca Silva
Geocon Consultants, Inc.
3160 Gold Valley Drive, Suite 800
Rancho Cordova, CA 95742
Tel: (916) 852-9118
Fax:(916) 852-9132

ELAP No.: 1838
CSDLAC No.: 10196
ORELAP No.: CA300003
TCEQ No. : T104704502

Re: ATL Work Order Number : 1503816

Client Reference : Sac 50/99 Gore Points, S9805-01-58

Enclosed are the results for sample(s) received on November 05, 2015 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

Certificate of Analysis

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Rancho Cordova , CA 95742	Reported : 11/12/2015

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
L31-B266-0'	1503816-01	Soil	11/03/15 7:25	11/05/15 9:00
L31-B266-0.5'	1503816-02	Soil	11/03/15 7:26	11/05/15 9:00
L31-B266-1'	1503816-03	Soil	11/03/15 7:27	11/05/15 9:00
L31-B266-2'	1503816-04	Soil	11/03/15 7:28	11/05/15 9:00
L31-B267-0'	1503816-06	Soil	11/03/15 7:32	11/05/15 9:00
L31-B267-0.5'	1503816-07	Soil	11/03/15 7:33	11/05/15 9:00
L31-B267-1'	1503816-08	Soil	11/03/15 7:34	11/05/15 9:00
L31-B267-2'	1503816-09	Soil	11/03/15 7:35	11/05/15 9:00
L31-B268-0'	1503816-11	Soil	11/03/15 7:39	11/05/15 9:00
L31-B268-0.5'	1503816-12	Soil	11/03/15 7:40	11/05/15 9:00
L31-B268-1'	1503816-13	Soil	11/03/15 7:41	11/05/15 9:00
L31-B268-2'	1503816-14	Soil	11/03/15 7:42	11/05/15 9:00
L31-B269-0'	1503816-16	Soil	11/03/15 7:50	11/05/15 9:00
L31-B269-0.5'	1503816-17	Soil	11/03/15 7:51	11/05/15 9:00
L31-B269-1'	1503816-18	Soil	11/03/15 7:52	11/05/15 9:00
L31-B269-2'	1503816-19	Soil	11/03/15 7:53	11/05/15 9:00
L31-B270-0'	1503816-21	Soil	11/03/15 7:57	11/05/15 9:00
L31-B270-0.5'	1503816-22	Soil	11/03/15 7:58	11/05/15 9:00
L31-B270-1'	1503816-23	Soil	11/03/15 7:59	11/05/15 9:00
L31-B270-2'	1503816-24	Soil	11/03/15 8:00	11/05/15 9:00
L31-B271-0'	1503816-26	Soil	11/03/15 8:02	11/05/15 9:00
L31-B271-0.5'	1503816-27	Soil	11/03/15 8:03	11/05/15 9:00
L31-B271-1'	1503816-28	Soil	11/03/15 8:04	11/05/15 9:00
L31-B271-2'	1503816-29	Soil	11/03/15 8:05	11/05/15 9:00
L31-B272-0'	1503816-31	Soil	11/03/15 8:07	11/05/15 9:00
L31-B272-0.5'	1503816-32	Soil	11/03/15 8:08	11/05/15 9:00
L31-B272-1'	1503816-33	Soil	11/03/15 8:09	11/05/15 9:00
L31-B272-2'	1503816-34	Soil	11/03/15 8:10	11/05/15 9:00
L31-B273-0'	1503816-36	Soil	11/03/15 8:12	11/05/15 9:00
L31-B273-0.5'	1503816-37	Soil	11/03/15 8:13	11/05/15 9:00
L31-B273-1'	1503816-38	Soil	11/03/15 8:14	11/05/15 9:00
L31-B273-2'	1503816-39	Soil	11/03/15 8:15	11/05/15 9:00
L37-B274-0'	1503816-41	Soil	11/03/15 8:55	11/05/15 9:00
L37-B274-0.5'	1503816-42	Soil	11/03/15 8:56	11/05/15 9:00

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L37-B274-1'	1503816-43	Soil	11/03/15 8:57	11/05/15 9:00
L37-B274-2'	1503816-44	Soil	11/03/15 8:58	11/05/15 9:00
L37-B275-0'	1503816-46	Soil	11/03/15 9:00	11/05/15 9:00
L37-B275-0.5'	1503816-47	Soil	11/03/15 9:01	11/05/15 9:00
L37-B275-1'	1503816-48	Soil	11/03/15 9:02	11/05/15 9:00
L37-B275-2'	1503816-49	Soil	11/03/15 9:03	11/05/15 9:00
L37-B276-0'	1503816-51	Soil	11/03/15 9:05	11/05/15 9:00
L37-B276-0.5'	1503816-52	Soil	11/03/15 9:06	11/05/15 9:00
L37-B276-1'	1503816-53	Soil	11/03/15 9:07	11/05/15 9:00
L37-B276-2'	1503816-54	Soil	11/03/15 9:08	11/05/15 9:00
L37-B277-0'	1503816-56	Soil	11/03/15 9:10	11/05/15 9:00
L37-B277-0.5'	1503816-57	Soil	11/03/15 9:11	11/05/15 9:00
L37-B277-1'	1503816-58	Soil	11/03/15 9:12	11/05/15 9:00
L37-B277-2'	1503816-59	Soil	11/03/15 9:13	11/05/15 9:00
L37-B278-0'	1503816-61	Soil	11/03/15 9:15	11/05/15 9:00
L37-B278-0.5'	1503816-62	Soil	11/03/15 9:16	11/05/15 9:00
L37-B278-1'	1503816-63	Soil	11/03/15 9:17	11/05/15 9:00
L37-B278-2'	1503816-64	Soil	11/03/15 9:18	11/05/15 9:00
L37-B279-0'	1503816-66	Soil	11/03/15 9:20	11/05/15 9:00
L37-B279-0.5'	1503816-67	Soil	11/03/15 9:21	11/05/15 9:00
L37-B279-1'	1503816-68	Soil	11/03/15 9:22	11/05/15 9:00
L37-B279-2'	1503816-69	Soil	11/03/15 9:23	11/05/15 9:00
L37-B280-0'	1503816-71	Soil	11/03/15 9:25	11/05/15 9:00
L37-B280-0.5'	1503816-72	Soil	11/03/15 9:26	11/05/15 9:00
L37-B280-1'	1503816-73	Soil	11/03/15 9:27	11/05/15 9:00
L37-B280-2'	1503816-74	Soil	11/03/15 9:28	11/05/15 9:00
L37-B281-0'	1503816-76	Soil	11/03/15 9:31	11/05/15 9:00
L37-B281-0.5'	1503816-77	Soil	11/03/15 9:32	11/05/15 9:00
L37-B281-1'	1503816-78	Soil	11/03/15 9:33	11/05/15 9:00
L37-B281-2'	1503816-79	Soil	11/03/15 9:34	11/05/15 9:00
L41-B282-0'	1503816-81	Soil	11/03/15 9:48	11/05/15 9:00
L41-B282-0.5'	1503816-82	Soil	11/03/15 9:49	11/05/15 9:00
L41-B282-1'	1503816-83	Soil	11/03/15 9:50	11/05/15 9:00
L41-B282-2'	1503816-84	Soil	11/03/15 9:51	11/05/15 9:00
L41-B283-0'	1503816-86	Soil	11/03/15 9:53	11/05/15 9:00
L41-B283-0.5'	1503816-87	Soil	11/03/15 9:54	11/05/15 9:00
L41-B283-1'	1503816-88	Soil	11/03/15 9:55	11/05/15 9:00
L41-B283-2'	1503816-89	Soil	11/03/15 9:56	11/05/15 9:00
L41-B284-0'	1503816-91	Soil	11/03/15 9:59	11/05/15 9:00

L41-B284-0.5'	1503816-92	Soil	11/03/15 10:00	11/05/15 9:00
L41-B284-1'	1503816-93	Soil	11/03/15 10:01	11/05/15 9:00
L41-B284-2'	1503816-94	Soil	11/03/15 10:02	11/05/15 9:00
L41-B285-0'	1503816-96	Soil	11/03/15 10:04	11/05/15 9:00
L41-B285-0.5'	1503816-97	Soil	11/03/15 10:05	11/05/15 9:00
L41-B285-1'	1503816-98	Soil	11/03/15 10:06	11/05/15 9:00
L41-B285-2'	1503816-99	Soil	11/03/15 10:07	11/05/15 9:00
L41-B286-0'	1503816-AB	Soil	11/03/15 10:10	11/05/15 9:00
L41-B286-0.5'	1503816-AC	Soil	11/03/15 10:11	11/05/15 9:00
L41-B286-1'	1503816-AD	Soil	11/03/15 10:12	11/05/15 9:00
L41-B286-2'	1503816-AE	Soil	11/03/15 10:13	11/05/15 9:00
L41-B287-0'	1503816-AG	Soil	11/03/15 10:21	11/05/15 9:00
L41-B287-0.5'	1503816-AH	Soil	11/03/15 10:22	11/05/15 9:00
L41-B287-1'	1503816-AI	Soil	11/03/15 10:23	11/05/15 9:00
L41-B287-2'	1503816-AJ	Soil	11/03/15 10:24	11/05/15 9:00
L41-B288-0'	1503816-AL	Soil	11/03/15 10:28	11/05/15 9:00
L41-B288-0.5'	1503816-AM	Soil	11/03/15 10:29	11/05/15 9:00
L41-B288-1'	1503816-AN	Soil	11/03/15 10:30	11/05/15 9:00
L41-B288-2'	1503816-AO	Soil	11/03/15 10:31	11/05/15 9:00
L41-B289-0'	1503816-AQ	Soil	11/03/15 10:33	11/05/15 9:00
L41-B289-0.5'	1503816-AR	Soil	11/03/15 10:34	11/05/15 9:00
L41-B289-1'	1503816-AS	Soil	11/03/15 10:35	11/05/15 9:00
L41-B289-2'	1503816-AT	Soil	11/03/15 10:36	11/05/15 9:00
L42-B290-0'	1503816-AV	Soil	11/03/15 10:51	11/05/15 9:00
L42-B290-0.5'	1503816-AW	Soil	11/03/15 10:52	11/05/15 9:00
L42-B290-1'	1503816-AX	Soil	11/03/15 10:53	11/05/15 9:00
L42-B290-2'	1503816-AY	Soil	11/03/15 10:54	11/05/15 9:00
L42-B291-0'	1503816-BA	Soil	11/03/15 10:56	11/05/15 9:00
L42-B291-0.5'	1503816-BB	Soil	11/03/15 10:57	11/05/15 9:00
L42-B291-1'	1503816-BC	Soil	11/03/15 10:58	11/05/15 9:00
L42-B291-2'	1503816-BD	Soil	11/03/15 10:59	11/05/15 9:00
L42-B292-0'	1503816-BF	Soil	11/03/15 11:01	11/05/15 9:00
L42-B292-0.5'	1503816-BG	Soil	11/03/15 11:02	11/05/15 9:00
L42-B292-1'	1503816-BH	Soil	11/03/15 11:03	11/05/15 9:00
L42-B292-2'	1503816-BI	Soil	11/03/15 11:04	11/05/15 9:00
L42-B293-0'	1503816-BK	Soil	11/03/15 11:06	11/05/15 9:00
L42-B293-0.5'	1503816-BL	Soil	11/03/15 11:07	11/05/15 9:00
L42-B293-1'	1503816-BM	Soil	11/03/15 11:08	11/05/15 9:00
L42-B293-2'	1503816-BN	Soil	11/03/15 11:09	11/05/15 9:00

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L42-B294-0'	1503816-BP	Soil	11/03/15 11:12	11/05/15 9:00
L42-B294-0.5'	1503816-BQ	Soil	11/03/15 11:13	11/05/15 9:00
L42-B294-1'	1503816-BR	Soil	11/03/15 11:14	11/05/15 9:00
L42-B294-2'	1503816-BS	Soil	11/03/15 11:15	11/05/15 9:00
L42-B295-0'	1503816-BU	Soil	11/03/15 11:17	11/05/15 9:00
L42-B295-0.5'	1503816-BV	Soil	11/03/15 11:18	11/05/15 9:00
L42-B295-1'	1503816-BW	Soil	11/03/15 11:19	11/05/15 9:00
L42-B295-2'	1503816-BX	Soil	11/03/15 11:20	11/05/15 9:00
L42-B296-0'	1503816-BZ	Soil	11/03/15 11:22	11/05/15 9:00
L42-B296-0.5'	1503816-CA	Soil	11/03/15 11:23	11/05/15 9:00
L42-B296-1'	1503816-CB	Soil	11/03/15 11:24	11/05/15 9:00
L42-B296-2'	1503816-CC	Soil	11/03/15 11:25	11/05/15 9:00
L42-B297-0'	1503816-CE	Soil	11/03/15 11:28	11/05/15 9:00
L42-B297-0.5'	1503816-CF	Soil	11/03/15 11:29	11/05/15 9:00
L42-B297-1'	1503816-CG	Soil	11/03/15 11:30	11/05/15 9:00
L42-B297-2'	1503816-CH	Soil	11/03/15 11:31	11/05/15 9:00
L40-B298-0'	1503816-CJ	Soil	11/03/15 11:53	11/05/15 9:00
L40-B298-0.5'	1503816-CK	Soil	11/03/15 11:54	11/05/15 9:00
L40-B298-1'	1503816-CL	Soil	11/03/15 11:55	11/05/15 9:00
L40-B298-2'	1503816-CM	Soil	11/03/15 11:56	11/05/15 9:00
L40-B299-0'	1503816-CO	Soil	11/03/15 11:58	11/05/15 9:00
L40-B299-0.5'	1503816-CP	Soil	11/03/15 11:59	11/05/15 9:00
L40-B299-1'	1503816-CQ	Soil	11/03/15 12:00	11/05/15 9:00
L40-B299-2'	1503816-CR	Soil	11/03/15 12:01	11/05/15 9:00
L40-B300-0'	1503816-CT	Soil	11/03/15 12:04	11/05/15 9:00
L40-B300-0.5'	1503816-CU	Soil	11/03/15 12:05	11/05/15 9:00
L40-B300-1'	1503816-CV	Soil	11/03/15 12:06	11/05/15 9:00
L40-B300-2'	1503816-CW	Soil	11/03/15 12:07	11/05/15 9:00
L40-B301-0'	1503816-CY	Soil	11/03/15 12:09	11/05/15 9:00
L40-B301-0.5'	1503816-CZ	Soil	11/03/15 12:10	11/05/15 9:00
L40-B301-1'	1503816-DA	Soil	11/03/15 12:11	11/05/15 9:00
L40-B301-2'	1503816-DB	Soil	11/03/15 12:12	11/05/15 9:00
L40-B302-0'	1503816-DD	Soil	11/03/15 12:15	11/05/15 9:00
L40-B302-0.5'	1503816-DE	Soil	11/03/15 12:16	11/05/15 9:00
L40-B302-1'	1503816-DF	Soil	11/03/15 12:17	11/05/15 9:00
L40-B302-2'	1503816-DG	Soil	11/03/15 12:18	11/05/15 9:00
L40-B303-0'	1503816-DI	Soil	11/03/15 12:21	11/05/15 9:00
L40-B303-0.5'	1503816-DJ	Soil	11/03/15 12:22	11/05/15 9:00
L40-B303-1'	1503816-DK	Soil	11/03/15 12:23	11/05/15 9:00

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L40-B303-2'	1503816-DL	Soil	11/03/15 12:24	11/05/15 9:00
L40-B304-0'	1503816-DN	Soil	11/03/15 12:27	11/05/15 9:00
L40-B304-0.5'	1503816-DO	Soil	11/03/15 12:28	11/05/15 9:00
L40-B304-1'	1503816-DP	Soil	11/03/15 12:29	11/05/15 9:00
L40-B304-2'	1503816-DQ	Soil	11/03/15 12:30	11/05/15 9:00
L40-B305-0'	1503816-DS	Soil	11/03/15 12:32	11/05/15 9:00
L40-B305-0.5'	1503816-DT	Soil	11/03/15 12:33	11/05/15 9:00
L40-B305-1'	1503816-DU	Soil	11/03/15 12:34	11/05/15 9:00
L40-B305-2'	1503816-DV	Soil	11/03/15 12:35	11/05/15 9:00
L38-HA306-0'	1503816-DX	Soil	11/03/15 13:12	11/05/15 9:00
L38-HA306-0.5'	1503816-DY	Soil	11/03/15 13:13	11/05/15 9:00
L38-HA306-1'	1503816-DZ	Soil	11/03/15 13:15	11/05/15 9:00
L38-HA306-2'	1503816-EA	Soil	11/03/15 13:17	11/05/15 9:00
L38-HA307-0'	1503816-EC	Soil	11/03/15 13:21	11/05/15 9:00
L38-HA307-0.5'	1503816-ED	Soil	11/03/15 13:22	11/05/15 9:00
L38-HA307-1'	1503816-EE	Soil	11/03/15 13:23	11/05/15 9:00
L38-HA307-2'	1503816-EF	Soil	11/03/15 13:24	11/05/15 9:00
L38-HA308-0'	1503816-EH	Soil	11/03/15 13:31	11/05/15 9:00
L38-HA308-0.5'	1503816-EI	Soil	11/03/15 13:32	11/05/15 9:00
L38-HA308-1'	1503816-EJ	Soil	11/03/15 13:33	11/05/15 9:00
L38-HA308-2'	1503816-EK	Soil	11/03/15 13:34	11/05/15 9:00
L38-HA309-0'	1503816-EM	Soil	11/03/15 13:36	11/05/15 9:00
L38-HA309-0.5'	1503816-EN	Soil	11/03/15 13:37	11/05/15 9:00
L38-HA309-1'	1503816-EO	Soil	11/03/15 13:38	11/05/15 9:00
L38-HA309-2'	1503816-EP	Soil	11/03/15 13:39	11/05/15 9:00
L38-HA310-0'	1503816-ER	Soil	11/03/15 13:51	11/05/15 9:00
L38-HA310-0.5'	1503816-ES	Soil	11/03/15 13:53	11/05/15 9:00
L38-HA310-1'	1503816-ET	Soil	11/03/15 13:55	11/05/15 9:00
L38-HA310-2'	1503816-EU	Soil	11/03/15 13:57	11/05/15 9:00
L38-HA311-0'	1503816-EW	Soil	11/03/15 14:02	11/05/15 9:00
L38-HA311-0.5'	1503816-EX	Soil	11/03/15 14:03	11/05/15 9:00
L38-HA311-1'	1503816-EY	Soil	11/03/15 14:04	11/05/15 9:00
L38-HA311-2'	1503816-EZ	Soil	11/03/15 14:05	11/05/15 9:00
L38-HA312-0'	1503816-FB	Soil	11/03/15 14:09	11/05/15 9:00
L38-HA312-0.5'	1503816-FC	Soil	11/03/15 14:10	11/05/15 9:00
L38-HA312-1'	1503816-FD	Soil	11/03/15 14:11	11/05/15 9:00
L38-HA312-2'	1503816-FE	Soil	11/03/15 14:12	11/05/15 9:00
L38-HA313-0'	1503816-FG	Soil	11/03/15 14:18	11/05/15 9:00
L38-HA313-0.5'	1503816-FH	Soil	11/03/15 14:19	11/05/15 9:00

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L38-HA313-1'	1503816-FI	Soil	11/03/15 14:20	11/05/15 9:00
L38-HA313-2'	1503816-FJ	Soil	11/03/15 14:21	11/05/15 9:00
L36-HA314-0'	1503816-FL	Soil	11/03/15 15:10	11/05/15 9:00
L36-HA314-0.5'	1503816-FM	Soil	11/03/15 15:12	11/05/15 9:00
L36-HA314-1'	1503816-FN	Soil	11/03/15 15:14	11/05/15 9:00
L36-HA314-2'	1503816-FO	Soil	11/03/15 15:16	11/05/15 9:00
L36-HA315-0'	1503816-FQ	Soil	11/03/15 15:20	11/05/15 9:00
L36-HA315-0.5'	1503816-FR	Soil	11/03/15 15:21	11/05/15 9:00
L36-HA315-1'	1503816-FS	Soil	11/03/15 15:29	11/05/15 9:00
L36-HA315-2'	1503816-FT	Soil	11/03/15 15:30	11/05/15 9:00
L36-HA316-0'	1503816-FV	Soil	11/03/15 15:34	11/05/15 9:00
L36-HA316-0.5'	1503816-FW	Soil	11/03/15 15:38	11/05/15 9:00
L36-HA316-1'	1503816-FX	Soil	11/03/15 15:40	11/05/15 9:00
L36-HA316-2'	1503816-FY	Soil	11/03/15 15:43	11/05/15 9:00
L36-HA317-0'	1503816-GA	Soil	11/03/15 15:49	11/05/15 9:00
L36-HA317-0.5'	1503816-GB	Soil	11/03/15 15:51	11/05/15 9:00
L36-HA317-1'	1503816-GC	Soil	11/03/15 15:53	11/05/15 9:00
L36-HA317-2'	1503816-GD	Soil	11/03/15 15:54	11/05/15 9:00
L36-HA318-0'	1503816-GF	Soil	11/03/15 15:58	11/05/15 9:00
L36-HA318-0.5'	1503816-GG	Soil	11/03/15 16:00	11/05/15 9:00
L36-HA318-1'	1503816-GH	Soil	11/03/15 16:02	11/05/15 9:00
L36-HA318-2'	1503816-GI	Soil	11/03/15 16:04	11/05/15 9:00
L36-HA319-0'	1503816-GK	Soil	11/03/15 16:07	11/05/15 9:00
L36-HA319-0.5'	1503816-GL	Soil	11/03/15 16:10	11/05/15 9:00
L36-HA319-1'	1503816-GM	Soil	11/03/15 16:17	11/05/15 9:00
L36-HA319-2'	1503816-GN	Soil	11/03/15 16:20	11/05/15 9:00
L36-HA320-0'	1503816-GP	Soil	11/03/15 16:27	11/05/15 9:00
L36-HA320-0.5'	1503816-GQ	Soil	11/03/15 16:32	11/05/15 9:00
L36-HA320-1'	1503816-GR	Soil	11/03/15 16:38	11/05/15 9:00
L36-HA320-2'	1503816-GS	Soil	11/03/15 16:40	11/05/15 9:00
L36-HA321-0'	1503816-GU	Soil	11/03/15 16:45	11/05/15 9:00
L36-HA321-0.5'	1503816-GV	Soil	11/03/15 16:47	11/05/15 9:00
L36-HA321-1'	1503816-GW	Soil	11/03/15 16:58	11/05/15 9:00
L36-HA321-2'	1503816-GX	Soil	11/03/15 17:00	11/05/15 9:00
L43-HA322-0'	1503816-GZ	Soil	11/04/15 6:49	11/05/15 9:00
L43-HA322-0.5'	1503816-HA	Soil	11/04/15 6:52	11/05/15 9:00
L43-HA322-1'	1503816-HB	Soil	11/04/15 6:54	11/05/15 9:00
L43-HA322-2'	1503816-HC	Soil	11/04/15 6:56	11/05/15 9:00
L43-HA323-0'	1503816-HE	Soil	11/04/15 7:01	11/05/15 9:00

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L43-HA323-0.5'	1503816-HF	Soil	11/04/15 7:02	11/05/15 9:00
L43-HA323-1'	1503816-HG	Soil	11/04/15 7:04	11/05/15 9:00
L43-HA323-2'	1503816-HH	Soil	11/04/15 7:06	11/05/15 9:00
L43-HA324-0'	1503816-HJ	Soil	11/04/15 7:12	11/05/15 9:00
L43-HA324-0.5'	1503816-HK	Soil	11/04/15 7:14	11/05/15 9:00
L43-HA324-1'	1503816-HL	Soil	11/04/15 7:16	11/05/15 9:00
L43-HA324-2'	1503816-HM	Soil	11/04/15 7:18	11/05/15 9:00
L43-HA325-0'	1503816-HO	Soil	11/04/15 7:34	11/05/15 9:00
L43-HA325-0.5'	1503816-HP	Soil	11/04/15 7:36	11/05/15 9:00
L43-HA325-1'	1503816-HQ	Soil	11/04/15 7:38	11/05/15 9:00
L43-HA325-2'	1503816-HR	Soil	11/04/15 7:40	11/05/15 9:00
L43-HA326-0'	1503816-HT	Soil	11/04/15 7:42	11/05/15 9:00
L43-HA326-0.5'	1503816-HU	Soil	11/04/15 7:43	11/05/15 9:00
L43-HA326-1'	1503816-HV	Soil	11/04/15 7:44	11/05/15 9:00
L43-HA326-2'	1503816-HW	Soil	11/04/15 7:45	11/05/15 9:00
L43-HA327-0'	1503816-HY	Soil	11/04/15 7:48	11/05/15 9:00
L43-HA327-0.5'	1503816-HZ	Soil	11/04/15 7:49	11/05/15 9:00
L43-HA327-1'	1503816-IA	Soil	11/04/15 7:50	11/05/15 9:00
L43-HA327-2'	1503816-IB	Soil	11/04/15 7:52	11/05/15 9:00
L43-HA328-0'	1503816-ID	Soil	11/04/15 8:05	11/05/15 9:00
L43-HA328-0.5'	1503816-IE	Soil	11/04/15 8:06	11/05/15 9:00
L43-HA328-1'	1503816-IF	Soil	11/04/15 8:08	11/05/15 9:00
L43-HA328-2'	1503816-IG	Soil	11/04/15 8:10	11/05/15 9:00
L43-HA329-0'	1503816-II	Soil	11/04/15 8:16	11/05/15 9:00
L43-HA329-0.5'	1503816-IJ	Soil	11/04/15 8:18	11/05/15 9:00
L43-HA329-1'	1503816-IK	Soil	11/04/15 8:20	11/05/15 9:00
L43-HA329-2'	1503816-IL	Soil	11/04/15 8:22	11/05/15 9:00
L39-B330-0'	1503816-IN	Soil	11/04/15 9:14	11/05/15 9:00
L39-B330-0.5'	1503816-IO	Soil	11/04/15 9:15	11/05/15 9:00
L39-B330-1'	1503816-IP	Soil	11/04/15 9:16	11/05/15 9:00
L39-B330-2'	1503816-IQ	Soil	11/04/15 9:17	11/05/15 9:00
L39-B331-0'	1503816-IS	Soil	11/04/15 9:19	11/05/15 9:00
L39-B331-0.5'	1503816-IT	Soil	11/04/15 9:20	11/05/15 9:00
L39-B331-1'	1503816-IU	Soil	11/04/15 9:21	11/05/15 9:00
L39-B331-2'	1503816-IV	Soil	11/04/15 9:22	11/05/15 9:00
L39-B332-0'	1503816-IX	Soil	11/04/15 9:24	11/05/15 9:00
L39-B332-0.5'	1503816-IY	Soil	11/04/15 9:25	11/05/15 9:00
L39-B332-1'	1503816-IZ	Soil	11/04/15 9:26	11/05/15 9:00
L39-B332-2'	1503816-JA	Soil	11/04/15 9:27	11/05/15 9:00

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L39-B333-0'	1503816-JC	Soil	11/04/15 9:29	11/05/15 9:00
L39-B333-0.5'	1503816-JD	Soil	11/04/15 9:30	11/05/15 9:00
L39-B333-1'	1503816-JE	Soil	11/04/15 9:31	11/05/15 9:00
L39-B333-2'	1503816-JF	Soil	11/04/15 9:32	11/05/15 9:00
L39-B334-0'	1503816-JH	Soil	11/04/15 9:36	11/05/15 9:00
L39-B334-0.5'	1503816-JI	Soil	11/04/15 9:37	11/05/15 9:00
L39-B334-1'	1503816-JJ	Soil	11/04/15 9:38	11/05/15 9:00
L39-B334-2'	1503816-JK	Soil	11/04/15 9:39	11/05/15 9:00
L39-B335-0'	1503816-JM	Soil	11/04/15 9:41	11/05/15 9:00
L39-B335-0.5'	1503816-JN	Soil	11/04/15 9:42	11/05/15 9:00
L39-B335-1'	1503816-JO	Soil	11/04/15 9:43	11/05/15 9:00
L39-B335-2'	1503816-JP	Soil	11/04/15 9:44	11/05/15 9:00
L39-B336-0'	1503816-JR	Soil	11/04/15 9:47	11/05/15 9:00
L39-B336-0.5'	1503816-JS	Soil	11/04/15 9:48	11/05/15 9:00
L39-B336-1'	1503816-JT	Soil	11/04/15 9:49	11/05/15 9:00
L39-B336-2'	1503816-JU	Soil	11/04/15 9:50	11/05/15 9:00
L39-B337-0'	1503816-JW	Soil	11/04/15 9:53	11/05/15 9:00
L39-B337-0.5'	1503816-JX	Soil	11/04/15 9:54	11/05/15 9:00
L39-B337-1'	1503816-JY	Soil	11/04/15 9:55	11/05/15 9:00
L39-B337-2'	1503816-JZ	Soil	11/04/15 9:56	11/05/15 9:00
L29-B338-0'	1503816-KB	Soil	11/04/15 10:10	11/05/15 9:00
L29-B338-0.5'	1503816-KC	Soil	11/04/15 10:11	11/05/15 9:00
L29-B338-1'	1503816-KD	Soil	11/04/15 10:12	11/05/15 9:00
L29-B338-2'	1503816-KE	Soil	11/04/15 10:13	11/05/15 9:00
L29-B338-3'	1503816-KF	Soil	11/04/15 10:14	11/05/15 9:00
L29-B339-0'	1503816-KG	Soil	11/04/15 10:15	11/05/15 9:00
L29-B339-0.5'	1503816-KH	Soil	11/04/15 10:16	11/05/15 9:00
L29-B339-1'	1503816-KI	Soil	11/04/15 10:17	11/05/15 9:00
L29-B339-2'	1503816-KJ	Soil	11/04/15 10:18	11/05/15 9:00
L29-B340-0'	1503816-KL	Soil	11/04/15 10:30	11/05/15 9:00
L29-B340-0.5'	1503816-KM	Soil	11/04/15 10:31	11/05/15 9:00
L29-B340-1'	1503816-KN	Soil	11/04/15 10:32	11/05/15 9:00
L29-B340-2'	1503816-KO	Soil	11/04/15 10:33	11/05/15 9:00
L29-B341-0'	1503816-KQ	Soil	11/04/15 10:36	11/05/15 9:00
L29-B341-0.5'	1503816-KR	Soil	11/04/15 10:37	11/05/15 9:00
L29-B341-1'	1503816-KS	Soil	11/04/15 10:38	11/05/15 9:00
L29-B341-2'	1503816-KT	Soil	11/04/15 10:39	11/05/15 9:00
L29-B342-0'	1503816-KV	Soil	11/04/15 10:44	11/05/15 9:00
L29-B342-0.5'	1503816-KW	Soil	11/04/15 10:45	11/05/15 9:00

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L29-B342-1'	1503816-KX	Soil	11/04/15 10:46	11/05/15 9:00
L29-B342-2'	1503816-KY	Soil	11/04/15 10:47	11/05/15 9:00
L29-B343-0'	1503816-LA	Soil	11/04/15 10:50	11/05/15 9:00
L29-B343-0.5'	1503816-LB	Soil	11/04/15 10:51	11/05/15 9:00
L29-B343-1'	1503816-LC	Soil	11/04/15 10:52	11/05/15 9:00
L29-B343-2'	1503816-LD	Soil	11/04/15 10:53	11/05/15 9:00
L29-B344-0'	1503816-LF	Soil	11/04/15 10:55	11/05/15 9:00
L29-B344-0.5'	1503816-LG	Soil	11/04/15 10:56	11/05/15 9:00
L29-B344-1'	1503816-LH	Soil	11/04/15 10:57	11/05/15 9:00
L29-B344-2'	1503816-LI	Soil	11/04/15 10:58	11/05/15 9:00
L29-B345-0'	1503816-LK	Soil	11/04/15 11:01	11/05/15 9:00
L29-B345-0.5'	1503816-LL	Soil	11/04/15 11:02	11/05/15 9:00
L29-B345-1'	1503816-LM	Soil	11/04/15 11:03	11/05/15 9:00
L29-B345-2'	1503816-LN	Soil	11/04/15 11:04	11/05/15 9:00

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Rancho Cordova , CA 95742	Reported : 11/12/2015

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: RR**

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503816-01	L31-B266-0'	**300**	mg/kg	1.0	1	B5K0264	11/10/2015	11/11/15 12:05	
1503816-02	L31-B266-0.5'	**4.6**	mg/kg	1.0	1	B5K0264	11/10/2015	11/11/15 12:06	
1503816-03	L31-B266-1'	**5.1**	mg/kg	1.0	1	B5K0264	11/10/2015	11/11/15 12:08	
1503816-04	L31-B266-2'	**5.2**	mg/kg	1.0	1	B5K0264	11/10/2015	11/11/15 13:16	
1503816-06	L31-B267-0'	**130**	mg/kg	1.0	1	B5K0264	11/10/2015	11/11/15 12:10	
1503816-07	L31-B267-0.5'	**6.7**	mg/kg	1.0	1	B5K0264	11/10/2015	11/11/15 12:11	
1503816-08	L31-B267-1'	**4.7**	mg/kg	1.0	1	B5K0264	11/10/2015	11/11/15 12:12	
1503816-09	L31-B267-2'	**4.2**	mg/kg	1.0	1	B5K0264	11/10/2015	11/11/15 12:16	
1503816-11	L31-B268-0'	**18**	mg/kg	1.0	1	B5K0264	11/10/2015	11/11/15 12:17	
1503816-12	L31-B268-0.5'	**16**	mg/kg	1.0	1	B5K0264	11/10/2015	11/11/15 12:18	
1503816-13	L31-B268-1'	**11**	mg/kg	1.0	1	B5K0264	11/10/2015	11/11/15 12:22	
1503816-14	L31-B268-2'	**9.4**	mg/kg	1.0	1	B5K0264	11/10/2015	11/11/15 12:23	
1503816-16	L31-B269-0'	**150**	mg/kg	1.0	1	B5K0264	11/10/2015	11/11/15 12:24	
1503816-17	L31-B269-0.5'	**26**	mg/kg	1.0	1	B5K0264	11/10/2015	11/11/15 12:25	
1503816-18	L31-B269-1'	**6.2**	mg/kg	1.0	1	B5K0264	11/10/2015	11/11/15 12:26	
1503816-19	L31-B269-2'	**7.5**	mg/kg	1.0	1	B5K0264	11/10/2015	11/11/15 12:30	
1503816-21	L31-B270-0'	**360**	mg/kg	1.0	1	B5K0264	11/10/2015	11/11/15 12:31	
1503816-22	L31-B270-0.5'	**10**	mg/kg	1.0	1	B5K0264	11/10/2015	11/11/15 12:32	
1503816-23	L31-B270-1'	**7.8**	mg/kg	1.0	1	B5K0264	11/10/2015	11/11/15 12:33	
1503816-24	L31-B270-2'	**7.6**	mg/kg	1.0	1	B5K0264	11/10/2015	11/11/15 12:34	
1503816-26	L31-B271-0'	**8.3**	mg/kg	1.0	1	B5K0265	11/10/2015	11/11/15 12:45	
1503816-27	L31-B271-0.5'	**12**	mg/kg	1.0	1	B5K0265	11/10/2015	11/11/15 12:46	
1503816-28	L31-B271-1'	**6.7**	mg/kg	1.0	1	B5K0265	11/10/2015	11/11/15 12:47	
1503816-29	L31-B271-2'	**6.2**	mg/kg	0.99	1	B5K0265	11/10/2015	11/11/15 12:48	
1503816-31	L31-B272-0'	**16**	mg/kg	1.0	1	B5K0265	11/10/2015	11/11/15 12:50	
1503816-32	L31-B272-0.5'	**6.5**	mg/kg	1.0	1	B5K0265	11/10/2015	11/11/15 12:51	
1503816-33	L31-B272-1'	**4.9**	mg/kg	1.0	1	B5K0265	11/10/2015	11/11/15 12:52	
1503816-34	L31-B272-2'	**6.1**	mg/kg	1.0	1	B5K0265	11/10/2015	11/11/15 12:53	
1503816-36	L31-B273-0'	**52**	mg/kg	1.0	1	B5K0265	11/10/2015	11/11/15 12:54	
1503816-37	L31-B273-0.5'	**7.1**	mg/kg	1.0	1	B5K0265	11/10/2015	11/11/15 12:58	

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Rancho Cordova , CA 95742	Reported : 11/12/2015

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: RR**

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503816-38	L31-B273-1'	**3.1**	mg/kg	1.0	1	B5K0265	11/10/2015	11/11/15 13:02	
1503816-39	L31-B273-2'	**4.1**	mg/kg	1.0	1	B5K0265	11/10/2015	11/11/15 13:03	
1503816-41	L37-B274-0'	**720**	mg/kg	1.0	1	B5K0265	11/10/2015	11/11/15 13:03	
1503816-42	L37-B274-0.5'	**210**	mg/kg	1.0	1	B5K0265	11/10/2015	11/11/15 13:04	
1503816-43	L37-B274-1'	**110**	mg/kg	1.0	1	B5K0265	11/10/2015	11/11/15 13:05	
1503816-44	L37-B274-2'	**360**	mg/kg	1.0	1	B5K0265	11/10/2015	11/11/15 13:06	
1503816-46	L37-B275-0'	**280**	mg/kg	1.0	1	B5K0265	11/10/2015	11/11/15 13:06	
1503816-47	L37-B275-0.5'	**21**	mg/kg	1.0	1	B5K0265	11/10/2015	11/11/15 13:10	
1503816-48	L37-B275-1'	**120**	mg/kg	1.0	1	B5K0265	11/10/2015	11/11/15 13:11	
1503816-49	L37-B275-2'	**8.1**	mg/kg	1.0	1	B5K0265	11/10/2015	11/11/15 13:12	
1503816-51	L37-B276-0'	**330**	mg/kg	1.0	1	B5K0267	11/10/2015	11/11/15 13:23	
1503816-52	L37-B276-0.5'	**380**	mg/kg	1.0	1	B5K0267	11/10/2015	11/11/15 13:24	
1503816-53	L37-B276-1'	**13**	mg/kg	1.0	1	B5K0267	11/10/2015	11/11/15 13:25	
1503816-54	L37-B276-2'	**7.8**	mg/kg	1.0	1	B5K0267	11/10/2015	11/11/15 13:26	
1503816-56	L37-B277-0'	**360**	mg/kg	1.0	1	B5K0267	11/10/2015	11/11/15 13:27	
1503816-57	L37-B277-0.5'	**37**	mg/kg	1.0	1	B5K0267	11/10/2015	11/11/15 13:28	
1503816-58	L37-B277-1'	**98**	mg/kg	1.0	1	B5K0267	11/10/2015	11/11/15 13:30	
1503816-59	L37-B277-2'	**7.4**	mg/kg	1.0	1	B5K0267	11/10/2015	11/11/15 13:31	
1503816-61	L37-B278-0'	**420**	mg/kg	1.0	1	B5K0267	11/10/2015	11/11/15 13:32	
1503816-62	L37-B278-0.5'	**7.2**	mg/kg	1.0	1	B5K0267	11/10/2015	11/11/15 13:33	
1503816-63	L37-B278-1'	**7.6**	mg/kg	1.0	1	B5K0267	11/10/2015	11/11/15 13:39	
1503816-64	L37-B278-2'	**6.7**	mg/kg	1.0	1	B5K0267	11/10/2015	11/11/15 13:40	
1503816-66	L37-B279-0'	**170**	mg/kg	1.0	1	B5K0267	11/10/2015	11/11/15 13:41	
1503816-67	L37-B279-0.5'	**16**	mg/kg	1.0	1	B5K0267	11/10/2015	11/11/15 13:42	
1503816-68	L37-B279-1'	**8.4**	mg/kg	1.0	1	B5K0267	11/10/2015	11/11/15 13:43	
1503816-69	L37-B279-2'	**6.2**	mg/kg	1.0	1	B5K0267	11/10/2015	11/11/15 13:44	
1503816-71	L37-B280-0'	**270**	mg/kg	1.0	1	B5K0267	11/10/2015	11/11/15 13:45	
1503816-72	L37-B280-0.5'	**220**	mg/kg	1.0	1	B5K0267	11/10/2015	11/11/15 13:46	
1503816-73	L37-B280-1'	**8.9**	mg/kg	1.0	1	B5K0267	11/10/2015	11/11/15 13:50	
1503816-74	L37-B280-2'	**5.1**	mg/kg	1.0	1	B5K0267	11/10/2015	11/11/15 13:51	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 11/12/2015

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: RR**

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503816-76	L37-B281-0'	**22**	mg/kg	1.0	1	B5K0268	11/10/2015	11/11/15 13:58	
1503816-77	L37-B281-0.5'	**6.6**	mg/kg	1.0	1	B5K0268	11/10/2015	11/11/15 14:00	
1503816-78	L37-B281-1'	**6.0**	mg/kg	1.0	1	B5K0268	11/10/2015	11/11/15 14:03	
1503816-79	L37-B281-2'	**6.0**	mg/kg	1.0	1	B5K0268	11/10/2015	11/11/15 14:05	
1503816-81	L41-B282-0'	**400**	mg/kg	1.0	1	B5K0268	11/10/2015	11/11/15 14:05	
1503816-82	L41-B282-0.5'	**140**	mg/kg	1.0	1	B5K0268	11/10/2015	11/11/15 14:06	
1503816-83	L41-B282-1'	**17**	mg/kg	1.0	1	B5K0268	11/10/2015	11/11/15 14:07	
1503816-84	L41-B282-2'	**9.7**	mg/kg	1.0	1	B5K0268	11/10/2015	11/11/15 14:09	
1503816-86	L41-B283-0'	**2900**	mg/kg	1.0	1	B5K0268	11/10/2015	11/11/15 14:09	
1503816-87	L41-B283-0.5'	**590**	mg/kg	1.0	1	B5K0268	11/10/2015	11/11/15 14:10	
1503816-88	L41-B283-1'	**55**	mg/kg	1.0	1	B5K0268	11/10/2015	11/11/15 14:16	
1503816-89	L41-B283-2'	**100**	mg/kg	1.0	1	B5K0268	11/10/2015	11/11/15 14:16	
1503816-91	L41-B284-0'	**660**	mg/kg	1.0	1	B5K0268	11/10/2015	11/11/15 14:17	
1503816-92	L41-B284-0.5'	**26**	mg/kg	1.0	1	B5K0268	11/10/2015	11/11/15 14:18	
1503816-93	L41-B284-1'	**60**	mg/kg	1.0	1	B5K0268	11/10/2015	11/11/15 14:19	
1503816-94	L41-B284-2'	**39**	mg/kg	1.0	1	B5K0268	11/10/2015	11/11/15 14:20	
1503816-96	L41-B285-0'	**870**	mg/kg	1.0	1	B5K0268	11/10/2015	11/11/15 14:21	
1503816-97	L41-B285-0.5'	**210**	mg/kg	1.0	1	B5K0268	11/10/2015	11/11/15 14:22	
1503816-98	L41-B285-1'	**21**	mg/kg	1.0	1	B5K0268	11/10/2015	11/11/15 14:23	
1503816-99	L41-B285-2'	**7.6**	mg/kg	1.0	1	B5K0268	11/10/2015	11/11/15 14:24	
1503816-AB	L41-B286-0'	**270**	mg/kg	1.0	1	B5K0269	11/10/2015	11/11/15 14:34	
1503816-AC	L41-B286-0.5'	**7.8**	mg/kg	1.0	1	B5K0269	11/10/2015	11/11/15 14:35	
1503816-AD	L41-B286-1'	**7.5**	mg/kg	1.0	1	B5K0269	11/10/2015	11/11/15 14:37	
1503816-AE	L41-B286-2'	**8.1**	mg/kg	1.0	1	B5K0269	11/10/2015	11/11/15 14:38	
1503816-AG	L41-B287-0'	**650**	mg/kg	1.0	1	B5K0269	11/10/2015	11/11/15 14:41	
1503816-AH	L41-B287-0.5'	**92**	mg/kg	1.0	1	B5K0269	11/10/2015	11/11/15 14:42	
1503816-AI	L41-B287-1'	**41**	mg/kg	1.0	1	B5K0269	11/10/2015	11/11/15 14:43	
1503816-AJ	L41-B287-2'	**48**	mg/kg	1.0	1	B5K0269	11/10/2015	11/11/15 14:44	
1503816-AL	L41-B288-0'	**230**	mg/kg	1.0	1	B5K0269	11/10/2015	11/11/15 14:45	
1503816-AM	L41-B288-0.5'	**58**	mg/kg	1.0	1	B5K0269	11/10/2015	11/11/15 14:46	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 11/12/2015

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: RR**

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503816-AN	L41-B288-1'	**12**	mg/kg	1.0	1	B5K0269	11/10/2015	11/11/15 14:49	
1503816-AO	L41-B288-2'	**13**	mg/kg	1.0	1	B5K0269	11/10/2015	11/11/15 14:51	
1503816-AQ	L41-B289-0'	**170**	mg/kg	1.0	1	B5K0269	11/10/2015	11/11/15 14:54	
1503816-AR	L41-B289-0.5'	**8.9**	mg/kg	1.0	1	B5K0269	11/10/2015	11/11/15 14:55	
1503816-AS	L41-B289-1'	**8.8**	mg/kg	1.0	1	B5K0269	11/10/2015	11/11/15 14:56	
1503816-AT	L41-B289-2'	**17**	mg/kg	1.0	1	B5K0269	11/10/2015	11/11/15 14:58	
1503816-AV	L42-B290-0'	**540**	mg/kg	1.0	1	B5K0269	11/10/2015	11/11/15 14:58	
1503816-AW	L42-B290-0.5'	**22**	mg/kg	1.0	1	B5K0269	11/10/2015	11/11/15 15:00	
1503816-AX	L42-B290-1'	**22**	mg/kg	1.0	1	B5K0269	11/10/2015	11/11/15 15:01	
1503816-AY	L42-B290-2'	**5.2**	mg/kg	1.0	1	B5K0269	11/10/2015	11/11/15 15:02	
1503816-BA	L42-B291-0'	**1400**	mg/kg	1.0	1	B5K0270	11/10/2015	11/11/15 15:12	
1503816-BB	L42-B291-0.5'	**110**	mg/kg	1.0	1	B5K0270	11/10/2015	11/11/15 15:13	
1503816-BC	L42-B291-1'	**20**	mg/kg	1.0	1	B5K0270	11/10/2015	11/11/15 15:14	
1503816-BD	L42-B291-2'	**85**	mg/kg	1.0	1	B5K0270	11/10/2015	11/11/15 15:15	
1503816-BF	L42-B292-0'	**2200**	mg/kg	1.0	1	B5K0270	11/10/2015	11/11/15 15:16	
1503816-BG	L42-B292-0.5'	**37**	mg/kg	1.0	1	B5K0270	11/10/2015	11/11/15 15:17	
1503816-BH	L42-B292-1'	**9.6**	mg/kg	1.0	1	B5K0270	11/10/2015	11/11/15 15:21	
1503816-BI	L42-B292-2'	**15**	mg/kg	1.0	1	B5K0270	11/10/2015	11/11/15 15:22	
1503816-BK	L42-B293-0'	**300**	mg/kg	1.0	1	B5K0270	11/10/2015	11/11/15 15:23	
1503816-BL	L42-B293-0.5'	**21**	mg/kg	1.0	1	B5K0270	11/10/2015	11/11/15 15:24	
1503816-BM	L42-B293-1'	**22**	mg/kg	1.0	1	B5K0270	11/10/2015	11/11/15 15:27	
1503816-BN	L42-B293-2'	**33**	mg/kg	1.0	1	B5K0270	11/10/2015	11/11/15 15:28	
1503816-BP	L42-B294-0'	**2000**	mg/kg	1.0	1	B5K0270	11/10/2015	11/11/15 15:29	
1503816-BQ	L42-B294-0.5'	**25**	mg/kg	1.0	1	B5K0270	11/10/2015	11/11/15 15:30	
1503816-BR	L42-B294-1'	**24**	mg/kg	1.0	1	B5K0270	11/10/2015	11/11/15 15:34	
1503816-BS	L42-B294-2'	**11**	mg/kg	1.0	1	B5K0270	11/10/2015	11/11/15 15:36	
1503816-BU	L42-B295-0'	**180**	mg/kg	1.0	1	B5K0270	11/10/2015	11/11/15 15:36	
1503816-BV	L42-B295-0.5'	**26**	mg/kg	1.0	1	B5K0270	11/10/2015	11/11/15 15:37	
1503816-BW	L42-B295-1'	**11**	mg/kg	1.0	1	B5K0270	11/10/2015	11/11/15 15:39	
1503816-BX	L42-B295-2'	**7.7**	mg/kg	1.0	1	B5K0270	11/10/2015	11/11/15 15:40	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 11/12/2015

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: RR**

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503816-BZ	L42-B296-0'	**950**	mg/kg	1.0	1	B5K0271	11/10/2015	11/11/15 15:50	
1503816-CA	L42-B296-0.5'	**39**	mg/kg	1.0	1	B5K0271	11/10/2015	11/11/15 15:51	
1503816-CB	L42-B296-1'	**11**	mg/kg	1.0	1	B5K0271	11/10/2015	11/11/15 15:52	
1503816-CC	L42-B296-2'	**8.9**	mg/kg	1.0	1	B5K0271	11/10/2015	11/11/15 15:53	
1503816-CE	L42-B297-0'	**1600**	mg/kg	1.0	1	B5K0271	11/10/2015	11/11/15 15:54	
1503816-CF	L42-B297-0.5'	**190**	mg/kg	1.0	1	B5K0271	11/10/2015	11/11/15 15:55	
1503816-CG	L42-B297-1'	**47**	mg/kg	1.0	1	B5K0271	11/10/2015	11/11/15 15:56	
1503816-CH	L42-B297-2'	**9.7**	mg/kg	1.0	1	B5K0271	11/10/2015	11/11/15 15:57	
1503816-CJ	L40-B298-0'	**100**	mg/kg	1.0	1	B5K0271	11/10/2015	11/11/15 16:01	
1503816-CK	L40-B298-0.5'	**22**	mg/kg	1.0	1	B5K0271	11/10/2015	11/11/15 16:02	
1503816-CL	L40-B298-1'	**23**	mg/kg	1.0	1	B5K0271	11/10/2015	11/11/15 16:06	
1503816-CM	L40-B298-2'	**18**	mg/kg	1.0	1	B5K0271	11/10/2015	11/11/15 16:07	
1503816-CO	L40-B299-0'	**200**	mg/kg	1.0	1	B5K0271	11/10/2015	11/11/15 16:08	
1503816-CP	L40-B299-0.5'	**7.4**	mg/kg	1.0	1	B5K0271	11/10/2015	11/11/15 16:09	
1503816-CQ	L40-B299-1'	**6.8**	mg/kg	1.0	1	B5K0271	11/10/2015	11/11/15 16:10	
1503816-CR	L40-B299-2'	**7.1**	mg/kg	1.0	1	B5K0271	11/10/2015	11/11/15 16:11	
1503816-CT	L40-B300-0'	**15**	mg/kg	1.0	1	B5K0271	11/10/2015	11/11/15 16:15	
1503816-CU	L40-B300-0.5'	**11**	mg/kg	1.0	1	B5K0271	11/10/2015	11/11/15 16:16	
1503816-CV	L40-B300-1'	**8.9**	mg/kg	1.0	1	B5K0271	11/10/2015	11/11/15 16:18	
1503816-CW	L40-B300-2'	**12**	mg/kg	1.0	1	B5K0271	11/10/2015	11/11/15 16:19	
1503816-CY	L40-B301-0'	**58**	mg/kg	1.0	1	B5K0272	11/10/2015	11/11/15 16:29	
1503816-CZ	L40-B301-0.5'	**11**	mg/kg	1.0	1	B5K0272	11/10/2015	11/11/15 16:30	
1503816-DA	L40-B301-1'	**13**	mg/kg	1.0	1	B5K0272	11/10/2015	11/11/15 16:32	
1503816-DB	L40-B301-2'	**37**	mg/kg	1.0	1	B5K0272	11/10/2015	11/11/15 16:33	
1503816-DD	L40-B302-0'	**200**	mg/kg	1.0	1	B5K0272	11/10/2015	11/11/15 16:34	
1503816-DE	L40-B302-0.5'	**46**	mg/kg	1.0	1	B5K0272	11/10/2015	11/11/15 16:35	
1503816-DF	L40-B302-1'	**24**	mg/kg	1.0	1	B5K0272	11/10/2015	11/11/15 16:36	
1503816-DG	L40-B302-2'	**46**	mg/kg	1.0	1	B5K0272	11/10/2015	11/11/15 16:37	
1503816-DI	L40-B303-0'	**73**	mg/kg	1.0	1	B5K0272	11/10/2015	11/11/15 16:38	
1503816-DJ	L40-B303-0.5'	**12**	mg/kg	1.0	1	B5K0272	11/10/2015	11/11/15 16:40	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 11/12/2015

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: RR**

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503816-DK	L40-B303-1'	**34**	mg/kg	1.0	1	B5K0272	11/10/2015	11/11/15 16:46	
1503816-DL	L40-B303-2'	**17**	mg/kg	1.0	1	B5K0272	11/10/2015	11/11/15 16:47	
1503816-DN	L40-B304-0'	**140**	mg/kg	1.0	1	B5K0272	11/10/2015	11/11/15 16:47	
1503816-DO	L40-B304-0.5'	**15**	mg/kg	1.0	1	B5K0272	11/10/2015	11/11/15 16:49	
1503816-DP	L40-B304-1'	**17**	mg/kg	1.0	1	B5K0272	11/10/2015	11/11/15 16:50	
1503816-DQ	L40-B304-2'	**6.4**	mg/kg	1.0	1	B5K0272	11/10/2015	11/11/15 16:51	
1503816-DS	L40-B305-0'	**100**	mg/kg	1.0	1	B5K0272	11/10/2015	11/11/15 16:52	
1503816-DT	L40-B305-0.5'	**13**	mg/kg	1.0	1	B5K0272	11/10/2015	11/11/15 16:54	
1503816-DU	L40-B305-1'	**16**	mg/kg	1.0	1	B5K0272	11/10/2015	11/11/15 16:57	
1503816-DV	L40-B305-2'	**8.8**	mg/kg	1.0	1	B5K0272	11/10/2015	11/11/15 16:59	
1503816-DX	L38-HA306-0'	**1900**	mg/kg	1.0	1	B5K0273	11/10/2015	11/11/15 17:06	
1503816-DY	L38-HA306-0.5'	**540**	mg/kg	1.0	1	B5K0273	11/10/2015	11/11/15 17:07	
1503816-DZ	L38-HA306-1'	**160**	mg/kg	1.0	1	B5K0273	11/10/2015	11/11/15 17:10	
1503816-EA	L38-HA306-2'	**17**	mg/kg	1.0	1	B5K0273	11/10/2015	11/11/15 17:12	
1503816-EC	L38-HA307-0'	**1600**	mg/kg	1.0	1	B5K0273	11/10/2015	11/11/15 17:12	
1503816-ED	L38-HA307-0.5'	**73**	mg/kg	1.0	1	B5K0273	11/10/2015	11/11/15 17:13	
1503816-EE	L38-HA307-1'	**420**	mg/kg	1.0	1	B5K0273	11/10/2015	11/11/15 17:14	
1503816-EF	L38-HA307-2'	**9.3**	mg/kg	1.0	1	B5K0273	11/10/2015	11/11/15 17:15	
1503816-EH	L38-HA308-0'	**1200**	mg/kg	1.0	1	B5K0273	11/10/2015	11/11/15 17:16	
1503816-EI	L38-HA308-0.5'	**200**	mg/kg	1.0	1	B5K0273	11/10/2015	11/11/15 17:17	
1503816-EJ	L38-HA308-1'	**59**	mg/kg	1.0	1	B5K0273	11/10/2015	11/11/15 17:22	
1503816-EK	L38-HA308-2'	**14**	mg/kg	1.0	1	B5K0273	11/10/2015	11/11/15 17:23	
1503816-EM	L38-HA309-0'	**1600**	mg/kg	1.0	1	B5K0273	11/10/2015	11/11/15 17:24	
1503816-EN	L38-HA309-0.5'	**240**	mg/kg	1.0	1	B5K0273	11/10/2015	11/11/15 17:25	
1503816-EO	L38-HA309-1'	**57**	mg/kg	1.0	1	B5K0273	11/10/2015	11/11/15 17:26	
1503816-EP	L38-HA309-2'	**15**	mg/kg	1.0	1	B5K0273	11/10/2015	11/11/15 17:27	
1503816-ER	L38-HA310-0'	**220**	mg/kg	1.0	1	B5K0273	11/10/2015	11/11/15 17:28	
1503816-ES	L38-HA310-0.5'	**33**	mg/kg	1.0	1	B5K0273	11/10/2015	11/11/15 17:29	
1503816-ET	L38-HA310-1'	**29**	mg/kg	1.0	1	B5K0273	11/10/2015	11/11/15 17:30	
1503816-EU	L38-HA310-2'	**7.7**	mg/kg	1.0	1	B5K0273	11/10/2015	11/11/15 17:31	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 11/12/2015

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: RR**

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503816-EW	L38-HA311-0'	**310**	mg/kg	1.0	1	B5K0274	11/10/2015	11/11/15 17:41	
1503816-EX	L38-HA311-0.5'	**370**	mg/kg	1.0	1	B5K0274	11/10/2015	11/11/15 17:42	
1503816-EY	L38-HA311-1'	**21**	mg/kg	1.0	1	B5K0274	11/10/2015	11/11/15 17:43	
1503816-EZ	L38-HA311-2'	**25**	mg/kg	1.0	1	B5K0274	11/10/2015	11/11/15 17:44	
1503816-FB	L38-HA312-0'	**110**	mg/kg	1.0	1	B5K0274	11/10/2015	11/11/15 17:48	
1503816-FC	L38-HA312-0.5'	**290**	mg/kg	1.0	1	B5K0274	11/10/2015	11/11/15 17:48	
1503816-FD	L38-HA312-1'	**20**	mg/kg	1.0	1	B5K0274	11/10/2015	11/11/15 17:50	
1503816-FE	L38-HA312-2'	**11**	mg/kg	1.0	1	B5K0274	11/10/2015	11/11/15 17:51	
1503816-FG	L38-HA313-0'	**370**	mg/kg	1.0	1	B5K0274	11/10/2015	11/11/15 17:52	
1503816-FH	L38-HA313-0.5'	**15**	mg/kg	1.0	1	B5K0274	11/10/2015	11/11/15 17:53	
1503816-FI	L38-HA313-1'	**8.9**	mg/kg	1.0	1	B5K0274	11/10/2015	11/11/15 17:56	
1503816-FJ	L38-HA313-2'	**5.6**	mg/kg	1.0	1	B5K0274	11/10/2015	11/11/15 17:57	
1503816-FL	L36-HA314-0'	**1100**	mg/kg	1.0	1	B5K0274	11/10/2015	11/11/15 18:01	
1503816-FM	L36-HA314-0.5'	**1600**	mg/kg	1.0	1	B5K0274	11/10/2015	11/11/15 18:01	
1503816-FN	L36-HA314-1'	**84**	mg/kg	1.0	1	B5K0274	11/10/2015	11/11/15 18:03	
1503816-FO	L36-HA314-2'	**17**	mg/kg	1.0	1	B5K0274	11/10/2015	11/11/15 18:04	
1503816-FQ	L36-HA315-0'	**740**	mg/kg	1.0	1	B5K0274	11/10/2015	11/11/15 18:05	
1503816-FR	L36-HA315-0.5'	**50**	mg/kg	1.0	1	B5K0274	11/10/2015	11/11/15 18:06	
1503816-FS	L36-HA315-1'	**15**	mg/kg	1.0	1	B5K0274	11/10/2015	11/11/15 18:07	
1503816-FT	L36-HA315-2'	**7.8**	mg/kg	1.0	1	B5K0274	11/10/2015	11/11/15 18:08	
1503816-FV	L36-HA316-0'	**600**	mg/kg	1.0	1	B5K0275	11/10/2015	11/11/15 18:18	
1503816-FW	L36-HA316-0.5'	**89**	mg/kg	1.0	1	B5K0275	11/10/2015	11/11/15 18:19	
1503816-FX	L36-HA316-1'	**38**	mg/kg	1.0	1	B5K0275	11/10/2015	11/11/15 18:20	
1503816-FY	L36-HA316-2'	**12**	mg/kg	1.0	1	B5K0275	11/10/2015	11/11/15 18:22	
1503816-GA	L36-HA317-0'	**570**	mg/kg	1.0	1	B5K0275	11/10/2015	11/11/15 18:22	
1503816-GB	L36-HA317-0.5'	**71**	mg/kg	1.0	1	B5K0275	11/10/2015	11/11/15 18:24	
1503816-GC	L36-HA317-1'	**44**	mg/kg	1.0	1	B5K0275	11/10/2015	11/11/15 18:28	
1503816-GD	L36-HA317-2'	**58**	mg/kg	1.0	1	B5K0275	11/10/2015	11/11/15 18:29	
1503816-GF	L36-HA318-0'	**660**	mg/kg	1.0	1	B5K0275	11/10/2015	11/11/15 18:30	
1503816-GG	L36-HA318-0.5'	**520**	mg/kg	1.0	1	B5K0275	11/10/2015	11/11/15 18:30	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 11/12/2015

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: RR**

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503816-GH	L36-HA318-1'	**80**	mg/kg	1.0	1	B5K0275	11/10/2015	11/11/15 18:33	
1503816-GI	L36-HA318-2'	**20**	mg/kg	0.99	1	B5K0275	11/10/2015	11/11/15 18:34	
1503816-GK	L36-HA319-0'	**760**	mg/kg	1.0	1	B5K0275	11/10/2015	11/11/15 18:35	
1503816-GL	L36-HA319-0.5'	**72**	mg/kg	1.0	1	B5K0275	11/10/2015	11/11/15 18:36	
1503816-GM	L36-HA319-1'	**40**	mg/kg	1.0	1	B5K0275	11/10/2015	11/11/15 18:40	
1503816-GN	L36-HA319-2'	**10**	mg/kg	1.0	1	B5K0275	11/10/2015	11/11/15 18:41	
1503816-GP	L36-HA320-0'	**630**	mg/kg	1.0	1	B5K0275	11/10/2015	11/11/15 18:42	
1503816-GQ	L36-HA320-0.5'	**110**	mg/kg	1.0	1	B5K0275	11/10/2015	11/11/15 18:43	
1503816-GR	L36-HA320-1'	**27**	mg/kg	0.99	1	B5K0275	11/10/2015	11/11/15 18:44	
1503816-GS	L36-HA320-2'	**11**	mg/kg	1.0	1	B5K0275	11/10/2015	11/11/15 18:45	
1503816-GU	L36-HA321-0'	**660**	mg/kg	1.0	1	B5K0276	11/10/2015	11/11/15 18:55	
1503816-GV	L36-HA321-0.5'	**160**	mg/kg	1.0	1	B5K0276	11/10/2015	11/11/15 18:56	
1503816-GW	L36-HA321-1'	**59**	mg/kg	1.0	1	B5K0276	11/10/2015	11/11/15 18:57	
1503816-GX	L36-HA321-2'	**12**	mg/kg	1.0	1	B5K0276	11/10/2015	11/11/15 18:58	
1503816-GZ	L43-HA322-0'	**540**	mg/kg	1.0	1	B5K0276	11/10/2015	11/11/15 18:59	
1503816-HA	L43-HA322-0.5'	**2000**	mg/kg	1.0	1	B5K0276	11/10/2015	11/11/15 19:00	
1503816-HB	L43-HA322-1'	**4300**	mg/kg	1.0	1	B5K0276	11/10/2015	11/11/15 19:00	
1503816-HC	L43-HA322-2'	**1200**	mg/kg	1.0	1	B5K0276	11/10/2015	11/11/15 19:01	
1503816-HE	L43-HA323-0'	**830**	mg/kg	1.0	1	B5K0276	11/10/2015	11/11/15 19:05	
1503816-HF	L43-HA323-0.5'	**52**	mg/kg	1.0	1	B5K0276	11/10/2015	11/11/15 19:06	
1503816-HG	L43-HA323-1'	**67**	mg/kg	1.0	1	B5K0276	11/10/2015	11/11/15 19:09	
1503816-HH	L43-HA323-2'	**260**	mg/kg	1.0	1	B5K0276	11/10/2015	11/11/15 19:10	
1503816-HJ	L43-HA324-0'	**1900**	mg/kg	1.0	1	B5K0276	11/10/2015	11/11/15 19:10	
1503816-HK	L43-HA324-0.5'	**690**	mg/kg	1.0	1	B5K0276	11/10/2015	11/11/15 19:11	
1503816-HL	L43-HA324-1'	**470**	mg/kg	1.0	1	B5K0276	11/10/2015	11/11/15 19:12	
1503816-HM	L43-HA324-2'	**39**	mg/kg	1.0	1	B5K0276	11/10/2015	11/11/15 19:13	
1503816-HO	L43-HA325-0'	**460**	mg/kg	1.0	1	B5K0276	11/10/2015	11/11/15 19:16	
1503816-HP	L43-HA325-0.5'	**200**	mg/kg	1.0	1	B5K0276	11/10/2015	11/11/15 19:17	
1503816-HQ	L43-HA325-1'	**21**	mg/kg	1.0	1	B5K0276	11/10/2015	11/11/15 19:18	
1503816-HR	L43-HA325-2'	**34**	mg/kg	1.0	1	B5K0276	11/10/2015	11/11/15 19:20	

Certificate of Analysis

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Rancho Cordova , CA 95742	Reported : 11/12/2015

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: RR**

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503816-HT	L43-HA326-0'	**1300**	mg/kg	1.0	1	B5K0278	11/10/2015	11/12/15 09:03	
1503816-HU	L43-HA326-0.5'	**79**	mg/kg	1.0	1	B5K0278	11/10/2015	11/12/15 09:04	
1503816-HV	L43-HA326-1'	**47**	mg/kg	1.0	1	B5K0278	11/10/2015	11/12/15 09:05	
1503816-HW	L43-HA326-2'	**84**	mg/kg	1.0	1	B5K0278	11/10/2015	11/12/15 09:06	
1503816-HY	L43-HA327-0'	**480**	mg/kg	1.0	1	B5K0278	11/10/2015	11/12/15 09:06	
1503816-HZ	L43-HA327-0.5'	**150**	mg/kg	1.0	1	B5K0278	11/10/2015	11/12/15 09:07	
1503816-IA	L43-HA327-1'	**36**	mg/kg	1.0	1	B5K0278	11/10/2015	11/12/15 09:08	
1503816-IB	L43-HA327-2'	**45**	mg/kg	1.0	1	B5K0278	11/10/2015	11/12/15 09:12	
1503816-ID	L43-HA328-0'	**670**	mg/kg	1.0	1	B5K0278	11/10/2015	11/12/15 09:13	
1503816-IE	L43-HA328-0.5'	**29**	mg/kg	1.0	1	B5K0278	11/10/2015	11/12/15 09:14	
1503816-IF	L43-HA328-1'	**19**	mg/kg	1.0	1	B5K0278	11/10/2015	11/12/15 09:17	
1503816-IG	L43-HA328-2'	**19**	mg/kg	1.0	1	B5K0278	11/10/2015	11/12/15 09:19	
1503816-II	L43-HA329-0'	**920**	mg/kg	1.0	1	B5K0278	11/10/2015	11/12/15 09:19	
1503816-IJ	L43-HA329-0.5'	**82**	mg/kg	1.0	1	B5K0278	11/10/2015	11/12/15 09:21	
1503816-IK	L43-HA329-1'	**63**	mg/kg	1.0	1	B5K0278	11/10/2015	11/12/15 09:22	
1503816-IL	L43-HA329-2'	**14**	mg/kg	1.0	1	B5K0278	11/10/2015	11/12/15 09:26	
1503816-IN	L39-B330-0'	**730**	mg/kg	1.0	1	B5K0278	11/10/2015	11/12/15 09:26	
1503816-IO	L39-B330-0.5'	**19**	mg/kg	1.0	1	B5K0278	11/10/2015	11/12/15 09:28	
1503816-IP	L39-B330-1'	**30**	mg/kg	1.0	1	B5K0278	11/10/2015	11/12/15 09:29	
1503816-IQ	L39-B330-2'	**15**	mg/kg	1.0	1	B5K0278	11/10/2015	11/12/15 09:30	
1503816-IS	L39-B331-0'	**270**	mg/kg	1.0	1	B5K0279	11/10/2015	11/12/15 09:40	
1503816-IT	L39-B331-0.5'	**32**	mg/kg	1.0	1	B5K0279	11/10/2015	11/12/15 09:41	
1503816-IU	L39-B331-1'	**38**	mg/kg	1.0	1	B5K0279	11/10/2015	11/12/15 09:42	
1503816-IV	L39-B331-2'	**33**	mg/kg	1.0	1	B5K0279	11/10/2015	11/12/15 09:44	
1503816-IX	L39-B332-0'	**140**	mg/kg	1.0	1	B5K0279	11/10/2015	11/12/15 09:44	
1503816-IY	L39-B332-0.5'	**21**	mg/kg	1.0	1	B5K0279	11/10/2015	11/12/15 09:45	
1503816-IZ	L39-B332-1'	**11**	mg/kg	1.0	1	B5K0279	11/10/2015	11/12/15 09:47	
1503816-JA	L39-B332-2'	**14**	mg/kg	1.0	1	B5K0279	11/10/2015	11/12/15 09:48	
1503816-JC	L39-B333-0'	**22**	mg/kg	1.0	1	B5K0279	11/10/2015	11/12/15 09:49	
1503816-JD	L39-B333-0.5'	**16**	mg/kg	1.0	1	B5K0279	11/10/2015	11/12/15 09:53	

Certificate of Analysis

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3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 11/12/2015

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: RR**

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503816-JE	L39-B333-1'	**18**	mg/kg	1.0	1	B5K0279	11/10/2015	11/12/15 09:56	
1503816-JF	L39-B333-2'	**14**	mg/kg	1.0	1	B5K0279	11/10/2015	11/12/15 09:57	
1503816-JH	L39-B334-0'	**16**	mg/kg	1.0	1	B5K0279	11/10/2015	11/12/15 09:59	
1503816-JI	L39-B334-0.5'	**59**	mg/kg	1.0	1	B5K0279	11/10/2015	11/12/15 10:00	
1503816-JJ	L39-B334-1'	**16**	mg/kg	1.0	1	B5K0279	11/10/2015	11/12/15 10:01	
1503816-JK	L39-B334-2'	**13**	mg/kg	1.0	1	B5K0279	11/10/2015	11/12/15 10:02	
1503816-JM	L39-B335-0'	**20**	mg/kg	1.0	1	B5K0279	11/10/2015	11/12/15 10:04	
1503816-JN	L39-B335-0.5'	**13**	mg/kg	1.0	1	B5K0279	11/10/2015	11/12/15 10:07	
1503816-JO	L39-B335-1'	**11**	mg/kg	1.0	1	B5K0279	11/10/2015	11/12/15 10:09	
1503816-JP	L39-B335-2'	**12**	mg/kg	1.0	1	B5K0279	11/10/2015	11/12/15 10:10	
1503816-JR	L39-B336-0'	**17**	mg/kg	1.0	1	B5K0280	11/10/2015	11/12/15 10:24	
1503816-JS	L39-B336-0.5'	**10**	mg/kg	1.0	1	B5K0280	11/10/2015	11/12/15 10:25	
1503816-JT	L39-B336-1'	**10**	mg/kg	1.0	1	B5K0280	11/10/2015	11/12/15 10:26	
1503816-JU	L39-B336-2'	**21**	mg/kg	1.0	1	B5K0280	11/10/2015	11/12/15 10:27	
1503816-JW	L39-B337-0'	**13**	mg/kg	1.0	1	B5K0280	11/10/2015	11/12/15 10:29	
1503816-JX	L39-B337-0.5'	**13**	mg/kg	1.0	1	B5K0280	11/10/2015	11/12/15 10:30	
1503816-JY	L39-B337-1'	**14**	mg/kg	1.0	1	B5K0280	11/10/2015	11/12/15 10:31	
1503816-JZ	L39-B337-2'	**8.5**	mg/kg	1.0	1	B5K0280	11/10/2015	11/12/15 10:32	
1503816-KB	L29-B338-0'	**570**	mg/kg	1.0	1	B5K0280	11/10/2015	11/12/15 10:33	
1503816-KC	L29-B338-0.5'	**200**	mg/kg	1.0	1	B5K0280	11/10/2015	11/12/15 10:34	
1503816-KD	L29-B338-1'	**120**	mg/kg	1.0	1	B5K0280	11/10/2015	11/12/15 10:39	
1503816-KE	L29-B338-2'	**46**	mg/kg	1.0	1	B5K0280	11/10/2015	11/12/15 10:40	
1503816-KF	L29-B338-3'	**24**	mg/kg	1.0	1	B5K0280	11/10/2015	11/12/15 10:41	
1503816-KG	L29-B339-0'	**140**	mg/kg	1.0	1	B5K0280	11/10/2015	11/12/15 10:42	
1503816-KH	L29-B339-0.5'	**83**	mg/kg	1.0	1	B5K0280	11/10/2015	11/12/15 10:43	
1503816-KI	L29-B339-1'	**28**	mg/kg	1.0	1	B5K0280	11/10/2015	11/12/15 10:44	
1503816-KJ	L29-B339-2'	**99**	mg/kg	1.0	1	B5K0280	11/10/2015	11/12/15 10:46	
1503816-KL	L29-B340-0'	**27**	mg/kg	1.0	1	B5K0280	11/10/2015	11/12/15 10:47	
1503816-KM	L29-B340-0.5'	**38**	mg/kg	1.0	1	B5K0280	11/10/2015	11/12/15 10:51	
1503816-KN	L29-B340-1'	**8.4**	mg/kg	1.0	1	B5K0280	11/10/2015	11/12/15 10:52	

Certificate of Analysis

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Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: RR**

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503816-KO	L29-B340-2'	**8.5**	mg/kg	1.0	1	B5K0281	11/10/2015	11/12/15 10:59	
1503816-KQ	L29-B341-0'	**230**	mg/kg	1.0	1	B5K0281	11/10/2015	11/12/15 11:00	
1503816-KR	L29-B341-0.5'	**23**	mg/kg	1.0	1	B5K0281	11/10/2015	11/12/15 11:04	
1503816-KS	L29-B341-1'	**14**	mg/kg	1.0	1	B5K0281	11/10/2015	11/12/15 11:05	
1503816-KT	L29-B341-2'	**7.4**	mg/kg	1.0	1	B5K0281	11/10/2015	11/12/15 11:06	
1503816-KV	L29-B342-0'	**53**	mg/kg	1.0	1	B5K0281	11/10/2015	11/12/15 11:08	
1503816-KW	L29-B342-0.5'	**8.7**	mg/kg	1.0	1	B5K0281	11/10/2015	11/12/15 11:09	
1503816-KX	L29-B342-1'	**7.4**	mg/kg	1.0	1	B5K0281	11/10/2015	11/12/15 11:10	
1503816-KY	L29-B342-2'	**7.7**	mg/kg	1.0	1	B5K0281	11/10/2015	11/12/15 11:11	
1503816-LA	L29-B343-0'	**26**	mg/kg	1.0	1	B5K0281	11/10/2015	11/12/15 11:13	
1503816-LB	L29-B343-0.5'	**8.8**	mg/kg	1.0	1	B5K0281	11/10/2015	11/12/15 11:18	
1503816-LC	L29-B343-1'	**6.6**	mg/kg	1.0	1	B5K0281	11/10/2015	11/12/15 11:20	
1503816-LD	L29-B343-2'	**5.5**	mg/kg	1.0	1	B5K0281	11/10/2015	11/12/15 11:21	
1503816-LF	L29-B344-0'	**190**	mg/kg	1.0	1	B5K0281	11/10/2015	11/12/15 11:22	
1503816-LG	L29-B344-0.5'	**10**	mg/kg	1.0	1	B5K0281	11/10/2015	11/12/15 11:23	
1503816-LH	L29-B344-1'	**6.4**	mg/kg	1.0	1	B5K0281	11/10/2015	11/12/15 11:24	
1503816-LI	L29-B344-2'	**8.0**	mg/kg	1.0	1	B5K0281	11/10/2015	11/12/15 11:25	
1503816-LK	L29-B345-0'	**110**	mg/kg	1.0	1	B5K0281	11/10/2015	11/12/15 11:26	
1503816-LL	L29-B345-0.5'	**68**	mg/kg	1.0	1	B5K0281	11/10/2015	11/12/15 11:27	
1503816-LM	L29-B345-1'	**12**	mg/kg	1.0	1	B5K0281	11/10/2015	11/12/15 11:29	
1503816-LN	L29-B345-2'	**6.9**	mg/kg	1.0	1	B5K0282	11/10/2015	11/12/15 11:38	

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QUALITY CONTROL SECTION

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5K0264 - EPA 3050 Modified_S									
Blank (B5K0264-BLK1)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	ND	1.0			NR				
Blank (B5K0264-BLK2)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	ND	1.0			NR				
LCS (B5K0264-BS1)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	46.6965	1.0	50.0000		93.4	80 - 120			
Duplicate (B5K0264-DUP1)		**Source: 1503816-24**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	6.66424	1.0		7.58858	NR		13.0	20	
Duplicate (B5K0264-DUP2)		**Source: 1503816-12**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	9.97805	1.0		15.6701	NR		44.4	20	R
Matrix Spike (B5K0264-MS1)		**Source: 1503816-24**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	208.171	1.0	250.000	7.58858	80.2	35 - 129			
Matrix Spike (B5K0264-MS2)		**Source: 1503816-12**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	223.951	1.0	250.000	15.6701	83.3	35 - 129			
Matrix Spike Dup (B5K0264-MSD1)		**Source: 1503816-24**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	226.348	1.0	250.000	7.58858	87.5	35 - 129	8.37	20	

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Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5K0265 - EPA 3050 Modified_S									
Blank (B5K0265-BLK1)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	ND	1.0			NR				
Blank (B5K0265-BLK2)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	ND	1.0			NR				
LCS (B5K0265-BS1)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	47.8685	1.0	50.0000		95.7	80 - 120			
Duplicate (B5K0265-DUP1)		**Source: 1503816-49**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	8.81928	1.0		8.12950	NR		8.14	20	
Duplicate (B5K0265-DUP2)		**Source: 1503816-37**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	7.22094	1.0		7.14430	NR		1.07	20	
Matrix Spike (B5K0265-MS1)		**Source: 1503816-49**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	226.964	1.0	250.000	8.12950	87.5	35 - 129			
Matrix Spike (B5K0265-MS2)		**Source: 1503816-37**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	217.756	1.0	250.000	7.14430	84.2	35 - 129			
Matrix Spike Dup (B5K0265-MSD1)		**Source: 1503816-49**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	230.028	1.0	250.000	8.12950	88.8	35 - 129	1.34	20	

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Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5K0267 - EPA 3050 Modified_S									
Blank (B5K0267-BLK1)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	ND	1.0			NR				
Blank (B5K0267-BLK2)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	ND	1.0			NR				
LCS (B5K0267-BS1)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	45.7368	1.0	50.0000		91.5	80 - 120			
Duplicate (B5K0267-DUP1)		**Source: 1503816-74**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	5.43891	1.0		5.07160	NR		6.99	20	
Duplicate (B5K0267-DUP2)		**Source: 1503816-62**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	9.26745	1.0		7.21292	NR		24.9	20	R
Matrix Spike (B5K0267-MS1)		**Source: 1503816-74**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	223.681	1.0	250.000	5.07160	87.4	35 - 129			
Matrix Spike (B5K0267-MS2)		**Source: 1503816-62**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	228.327	1.0	250.000	7.21292	88.4	35 - 129			
Matrix Spike Dup (B5K0267-MSD1)		**Source: 1503816-74**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	203.325	1.0	250.000	5.07160	79.3	35 - 129	9.53	20	

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Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5K0268 - EPA 3050 Modified_S									
Blank (B5K0268-BLK1)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	ND	1.0			NR				
Blank (B5K0268-BLK2)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	ND	1.0			NR				
LCS (B5K0268-BS1)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	48.3058	1.0	50.0000		96.6	80 - 120			
Duplicate (B5K0268-DUP1)		**Source: 1503816-99**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	19.1134	1.0		7.55008	NR		86.7	20	R
Duplicate (B5K0268-DUP2)		**Source: 1503816-87**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	882.632	1.0		589.970	NR		39.7	20	R
Matrix Spike (B5K0268-MS1)		**Source: 1503816-99**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	219.219	1.0	250.000	7.55008	84.7	35 - 129			
Matrix Spike (B5K0268-MS2)		**Source: 1503816-87**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	1059.64	1.0	250.000	589.970	188	35 - 129			M1
Matrix Spike Dup (B5K0268-MSD1)		**Source: 1503816-99**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	215.906	1.0	250.000	7.55008	83.3	35 - 129	1.52	20	

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Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5K0269 - EPA 3050 Modified_S									
Blank (B5K0269-BLK1)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	ND	1.0			NR				
Blank (B5K0269-BLK2)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	ND	1.0			NR				
LCS (B5K0269-BS1)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	48.5445	1.0	50.0000		97.1	80 - 120			
Duplicate (B5K0269-DUP1)		**Source: 1503816-AY**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	6.26598	1.0		5.19852	NR		18.6	20	
Duplicate (B5K0269-DUP2)		**Source: 1503816-AM**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	52.8676	1.0		57.9656	NR		9.20	20	
Matrix Spike (B5K0269-MS1)		**Source: 1503816-AY**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	216.993	1.0	250.000	5.19852	84.7	35 - 129			
Matrix Spike (B5K0269-MS2)		**Source: 1503816-AM**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	225.962	1.0	250.000	57.9656	67.2	35 - 129			
Matrix Spike Dup (B5K0269-MSD1)		**Source: 1503816-AY**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	219.915	1.0	250.000	5.19852	85.9	35 - 129	1.34	20	

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Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5K0270 - EPA 3050 Modified_S									
Blank (B5K0270-BLK1)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	ND	1.0			NR				
Blank (B5K0270-BLK2)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	ND	1.0			NR				
LCS (B5K0270-BS1)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	47.3755	1.0	50.0000		94.8	80 - 120			
Duplicate (B5K0270-DUP1)		**Source: 1503816-BX**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	7.86744	1.0		7.70542	NR		2.08	20	
Duplicate (B5K0270-DUP2)		**Source: 1503816-BL**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	60.8946	1.0		21.2143	NR		96.7	20	R
Matrix Spike (B5K0270-MS1)		**Source: 1503816-BX**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	222.628	1.0	250.000	7.70542	86.0	35 - 129			
Matrix Spike (B5K0270-MS2)		**Source: 1503816-BL**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	279.400	1.0	250.000	21.2143	103	35 - 129			
Matrix Spike Dup (B5K0270-MSD1)		**Source: 1503816-BX**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	218.643	1.0	250.000	7.70542	84.4	35 - 129	1.81	20	

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Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5K0271 - EPA 3050 Modified_S									
Blank (B5K0271-BLK1)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	ND	1.0			NR				
Blank (B5K0271-BLK2)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	ND	1.0			NR				
LCS (B5K0271-BS1)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	49.4004	1.0	50.0000		98.8	80 - 120			
Duplicate (B5K0271-DUP1)		**Source: 1503816-CW**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	11.7184	1.0		12.2418	NR		4.37	20	
Duplicate (B5K0271-DUP2)		**Source: 1503816-CK**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	21.0567	1.0		21.7352	NR		3.17	20	
Matrix Spike (B5K0271-MS1)		**Source: 1503816-CW**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	214.130	1.0	250.000	12.2418	80.8	35 - 129			
Matrix Spike (B5K0271-MS2)		**Source: 1503816-CK**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	224.102	1.0	250.000	21.7352	80.9	35 - 129			
Matrix Spike Dup (B5K0271-MSD1)		**Source: 1503816-CW**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	217.865	1.0	250.000	12.2418	82.2	35 - 129	1.73	20	

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Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5K0272 - EPA 3050 Modified_S									
Blank (B5K0272-BLK1)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	ND	1.0			NR				
Blank (B5K0272-BLK2)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	ND	1.0			NR				
LCS (B5K0272-BS1)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	47.7483	1.0	50.0000		95.5	80 - 120			
Duplicate (B5K0272-DUP1)		**Source: 1503816-DV**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	8.61560	1.0		8.75422	NR		1.60	20	
Duplicate (B5K0272-DUP2)		**Source: 1503816-DJ**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	11.7817	1.0		12.1799	NR		3.32	20	
Matrix Spike (B5K0272-MS1)		**Source: 1503816-DV**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	188.976	1.0	250.000	8.75422	72.1	35 - 129			
Matrix Spike (B5K0272-MS2)		**Source: 1503816-DJ**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	216.575	1.0	250.000	12.1799	81.8	35 - 129			
Matrix Spike Dup (B5K0272-MSD1)		**Source: 1503816-DV**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	195.602	1.0	250.000	8.75422	74.7	35 - 129	3.45	20	

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Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5K0273 - EPA 3050 Modified_S									
Blank (B5K0273-BLK1)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	ND	1.0			NR				
Blank (B5K0273-BLK2)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	ND	1.0			NR				
LCS (B5K0273-BS1)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	47.5834	1.0	50.0000		95.2	80 - 120			
Duplicate (B5K0273-DUP1)		**Source: 1503816-EU**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	7.79216	1.0		7.66495	NR		1.65	20	
Duplicate (B5K0273-DUP2)		**Source: 1503816-EI**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	149.392	1.0		195.522	NR		26.7	20	R
Matrix Spike (B5K0273-MS1)		**Source: 1503816-EU**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	175.288	1.0	250.000	7.66495	67.0	35 - 129			
Matrix Spike (B5K0273-MS2)		**Source: 1503816-EI**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	316.770	1.0	252.525	195.522	48.0	35 - 129			
Matrix Spike Dup (B5K0273-MSD1)		**Source: 1503816-EU**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	183.731	1.0	250.000	7.66495	70.4	35 - 129	4.70	20	

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Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5K0274 - EPA 3050 Modified_S									
Blank (B5K0274-BLK1)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	ND	1.0			NR				
Blank (B5K0274-BLK2)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	ND	1.0			NR				
LCS (B5K0274-BS1)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	46.5551	1.0	50.0000		93.1	80 - 120			
Duplicate (B5K0274-DUP1)		**Source: 1503816-FT**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	8.54877	1.0		7.75990	NR		9.67	20	
Duplicate (B5K0274-DUP2)		**Source: 1503816-FH**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	14.7893	1.0		15.1028	NR		2.10	20	
Matrix Spike (B5K0274-MS1)		**Source: 1503816-FT**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	198.490	1.0	250.000	7.75990	76.3	35 - 129			
Matrix Spike (B5K0274-MS2)		**Source: 1503816-FH**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	198.163	1.0	250.000	15.1028	73.2	35 - 129			
Matrix Spike Dup (B5K0274-MSD1)		**Source: 1503816-FT**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	199.617	1.0	250.000	7.75990	76.7	35 - 129	0.566	20	

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Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5K0275 - EPA 3050 Modified_S									
Blank (B5K0275-BLK1)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	ND	1.0			NR				
Blank (B5K0275-BLK2)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	ND	1.0			NR				
LCS (B5K0275-BS1)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	46.3596	1.0	50.0000		92.7	80 - 120			
Duplicate (B5K0275-DUP1)		**Source: 1503816-GS**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	11.5757	1.0		10.7638	NR		7.27	20	
Duplicate (B5K0275-DUP2)		**Source: 1503816-GG**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	521.905	1.0		522.660	NR		0.144	20	
Matrix Spike (B5K0275-MS1)		**Source: 1503816-GS**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	190.978	1.0	250.000	10.7638	72.1	35 - 129			
Matrix Spike (B5K0275-MS2)		**Source: 1503816-GG**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	918.288	1.0	250.000	522.660	158	35 - 129			M1
Matrix Spike Dup (B5K0275-MSD1)		**Source: 1503816-GS**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	189.012	1.0	250.000	10.7638	71.3	35 - 129	1.03	20	

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Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5K0276 - EPA 3050 Modified_S									
Blank (B5K0276-BLK1)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	ND	1.0			NR				
Blank (B5K0276-BLK2)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	ND	1.0			NR				
LCS (B5K0276-BS1)					Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	45.0766	1.0	50.0000		90.2	80 - 120			
Duplicate (B5K0276-DUP1)		**Source: 1503816-HR**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	23.0149	1.0		34.3963	NR		39.6	20	R
Duplicate (B5K0276-DUP2)		**Source: 1503816-HF**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	49.2260	1.0		51.5556	NR		4.62	20	
Matrix Spike (B5K0276-MS1)		**Source: 1503816-HR**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	213.269	1.0	250.000	34.3963	71.5	35 - 129			
Matrix Spike (B5K0276-MS2)		**Source: 1503816-HF**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	217.904	1.0	250.000	51.5556	66.5	35 - 129			
Matrix Spike Dup (B5K0276-MSD1)		**Source: 1503816-HR**			Prepared: 11/10/2015 Analyzed: 11/11/2015				
Lead	220.134	1.0	250.000	34.3963	74.3	35 - 129	3.17	20	

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Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5K0278 - EPA 3050 Modified_S									
Blank (B5K0278-BLK1)					Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	ND	1.0			NR				
Blank (B5K0278-BLK2)					Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	ND	1.0			NR				
LCS (B5K0278-BS1)					Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	48.4189	1.0	50.0000		96.8	80 - 120			
Duplicate (B5K0278-DUP1)		**Source: 1503816-IQ**			Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	15.3133	1.0		15.0288	NR		1.88	20	
Duplicate (B5K0278-DUP2)		**Source: 1503816-IE**			Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	30.4677	1.0		28.6040	NR		6.31	20	
Matrix Spike (B5K0278-MS1)		**Source: 1503816-IQ**			Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	226.941	1.0	250.000	15.0288	84.8	35 - 129			
Matrix Spike (B5K0278-MS2)		**Source: 1503816-IE**			Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	243.801	1.0	250.000	28.6040	86.1	35 - 129			
Matrix Spike Dup (B5K0278-MSD1)		**Source: 1503816-IQ**			Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	225.697	1.0	250.000	15.0288	84.3	35 - 129	0.550	20	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 11/12/2015

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5K0279 - EPA 3050 Modified_S									
Blank (B5K0279-BLK1)					Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	ND	1.0			NR				
Blank (B5K0279-BLK2)					Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	ND	1.0			NR				
LCS (B5K0279-BS1)					Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	49.1621	1.0	50.0000		98.3	80 - 120			
Duplicate (B5K0279-DUP1)		**Source: 1503816-JP**			Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	11.7765	1.0		11.5803	NR		1.68	20	
Duplicate (B5K0279-DUP2)		**Source: 1503816-JD**			Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	16.2846	1.0		16.2499	NR		0.213	20	
Matrix Spike (B5K0279-MS1)		**Source: 1503816-JP**			Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	221.443	1.0	250.000	11.5803	83.9	35 - 129			
Matrix Spike (B5K0279-MS2)		**Source: 1503816-JD**			Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	240.520	1.0	250.000	16.2499	89.7	35 - 129			
Matrix Spike Dup (B5K0279-MSD1)		**Source: 1503816-JP**			Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	225.506	1.0	250.000	11.5803	85.6	35 - 129	1.82	20	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 11/12/2015

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5K0280 - EPA 3050 Modified_S									
Blank (B5K0280-BLK1)					Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	ND	1.0			NR				
Blank (B5K0280-BLK2)					Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	ND	1.0			NR				
LCS (B5K0280-BS1)					Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	48.2446	1.0	50.0000		96.5	80 - 120			
Duplicate (B5K0280-DUP1)		**Source: 1503816-KN**			Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	50.5228	1.0		8.36225	NR		143	20	R
Duplicate (B5K0280-DUP2)		**Source: 1503816-KC**			Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	267.327	1.0		204.973	NR		26.4	20	R
Matrix Spike (B5K0280-MS1)		**Source: 1503816-KN**			Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	255.989	1.0	250.000	8.36225	99.1	35 - 129			
Matrix Spike (B5K0280-MS2)		**Source: 1503816-KC**			Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	444.033	1.0	250.000	204.973	95.6	35 - 129			
Matrix Spike Dup (B5K0280-MSD1)		**Source: 1503816-KN**			Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	227.558	1.0	250.000	8.36225	87.7	35 - 129	11.8	20	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 11/12/2015

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5K0281 - EPA 3050 Modified_S									
Blank (B5K0281-BLK1)					Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	ND	1.0			NR				
Blank (B5K0281-BLK2)					Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	ND	1.0			NR				
LCS (B5K0281-BS1)					Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	48.2609	1.0	50.0000		96.5	80 - 120			
Duplicate (B5K0281-DUP1)		**Source: 1503816-LM**			Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	11.7207	1.0		11.5070	NR		1.84	20	
Duplicate (B5K0281-DUP2)		**Source: 1503816-LA**			Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	37.0000	1.0		25.7523	NR		35.8	20	R
Matrix Spike (B5K0281-MS1)		**Source: 1503816-LM**			Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	185.210	1.0	250.000	11.5070	69.5	35 - 129			
Matrix Spike (B5K0281-MS2)		**Source: 1503816-LA**			Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	212.409	1.0	250.000	25.7523	74.7	35 - 129			
Matrix Spike Dup (B5K0281-MSD1)		**Source: 1503816-LM**			Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	183.009	1.0	250.000	11.5070	68.6	35 - 129	1.20	20	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 11/12/2015

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5K0282 - EPA 3050 Modified_S									
Blank (B5K0282-BLK1)					Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	ND	1.0			NR				
LCS (B5K0282-BS1)					Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	48.9399	1.0	50.0000		97.9	80 - 120			
Duplicate (B5K0282-DUP1)		**Source: 1503816-LN**			Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	5.90358	1.0		6.86458	NR		15.1	20	
Matrix Spike (B5K0282-MS1)		**Source: 1503816-LN**			Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	188.476	1.0	250.000	6.86458	72.6	35 - 129			
Matrix Spike Dup (B5K0282-MSD1)		**Source: 1503816-LN**			Prepared: 11/10/2015 Analyzed: 11/12/2015				
Lead	186.732	1.0	250.000	6.86458	71.9	35 - 129	0.929	20	

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 11/12/2015

Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
ND	Analyte is not detected at or above the Practical Quantitation Limit (PQL). When client requests quantitation against MDL, analyte is not detected at or above the Method Detection Limit (MDL)
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)
TX1	TX-NELAP (TCEQ)

Notes:
(1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.
(2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.
(3) Results are wet unless otherwise specified.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
Tel: (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: UPS

Sample Condition Upon Receipt
1. CHILLED Y ☐ N ☑ 4. SEALED Y ☐ N ☑
2. HEADSPACE (VOA) N/A Y ☐ N ☐ 5. # OF SPLS MATCH COC Y ☑ N ☐
3. CONTAINER INTACT Y ☑ N ☐ 6. PRESERVED Y ☐ N ☑

Client: Geocon Consultants, Inc
Address: 3160 Gold Valley Drive, Suite 800
Attention: Rebecca Silva
City: Rancho Cordova State: CA Zip Code: 95742
Tel: 916-852-9118
Project Name: Sac 50/99 Gore Points Project #: S9805-01-58
Fax: 916-852-9132
Sampler: C. Dewing

Relinquished by: (Signature and Printed Name) Date: 11/4/15 Time: 1500 Received by: (Signature and Printed Name) OnTrac
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: 11/5/15 Time: 1500
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:
Rebecca Silva 11/4/15
Print Name Date
Signature

Send Report To:
Attn: Rebecca Silva
Co:
Addr:
City: State: Zip:

Bill To:
Attn:
Co:
Addr:
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132
5-Day TAT
Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

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 /ATL workorder /mo (after 1 year)

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Total Lead (6010B)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	QA/QC / REMARKS
	170386-1	L31-B266-0'	11/3	725	X		X			5-Day	1	baggie		
	2	-0.5'		726										
	3	-1'		727										
	4	-2'		728										
	5	-3'		729										
	6	L31-B267-0'		732										HOLD
	7	-0.5'		733										
	8	-1'		734										
	9	-2'		735										
	10	-3'		736										
	11	L31-B268-0'		739										HOLD
	12	-0.5'		740										
	13	-1'		741										
	14	-2'		742										
	15	-3'		743										
	16	L31-B269-0'		750										HOLD
	17	-0.5'		751										
	18	-1'		752										
	19	-2'		753										
	20	-3'		754										

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX

QA/QC: RTNE ☐ CT ☑ SWRCB Logcode ☐ OTHER

- TAT starts 8AM the following day if samples received after 3 PM

TAT: ☐ A = Overnight ≤ 24 hrs ☐ B = Emergency Next Workday ☐ C = Critical 2 Workdays ☐ D = Urgent 3 Workdays ☑ E = Routine 5 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=/ Z=$Zn(AC)_2$ O=NaOH T=Na

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
Tel: (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 Consultants, Inc
Address: 3160 Gold Valley Drive, Suite 800
Tel: 916-852-9118
Attention: Rebecca Silva
City: Rancho Cordova State: CA Zip Code: 95742
Fax: 916-852-9132
Project Name: Sac 50/99 Gore Points
Project #: S9805-01-58
Sampler: (Signature)

Relinquished by: (Signature and Printed Name) C. Dennig Date: 11/4/15 Time: 1500
Received by: (Signature and Printed Name) Date: 11/4/15 Time: 1500
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: 11/5/15 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: Rebecca Silva 11/4/15
Print Name Date
Signature

Send Report To:
Attn: Rebecca Silva
Co:
Addr:
City: State: Zip:

Bill To:
Attn:
Co:
Addr:
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132
5-Day TAT
Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

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 /ATL workorder /mo (after 1 year)

QA / QC: RTNE ☐ CT ☑ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Circle or Add Analysis(es) Requested: Total Lead (6010B)	SPECIFY APPROPRIATE MATRIX: SOIL	WATER	GROUND WATER	WASTEWATER	Container(s): TAT	#	Type	PRESERVATION	REMARKS
1	1909816-21	L31-B270-0'	11/3	757	X	X				5-Day	1	baggie		
2	22	-0.5'		758										
3	23	-1'		759										
4	24	-2'		800										
5	25	-3'		801										HOLD
6	26	L31-B271-0'		802										
7	27	-0.5'		803										
8	28	-1'		804										
9	29	-2'		805										
10	30	-3'		806										HOLD
11	31	L31-B272-0'		807										
12	32	-0.5'		808										
13	33	-1'		809										
14	34	-2'		810										
15	35	-3'		811										HOLD
16	36	L31-B273-0'		812										
17	37	-0.5'		813										
18	38	-1'		814										
19	39	-2'		815										
20	40	-3'		816										HOLD

- TAT starts 8AM the following day if samples received after 3 PM

TAT: ☐ A = Overnight ≤ 24 hrs ☐ B = Emergency Next Workday ☐ C = Critical 2 Workdays ☐ D = Urgent 3 Workdays ☑ E = Routine 5-7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl $N=HNO_3$ $S=H_2SO_4$ C=4°C $Z=Zn(AC)_2$ O=NaOH $T=Na_2S_2O_3$

CHAIN OF COUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
Tel: (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 Consultants, Inc
Attention: Rebecca Silva
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: Sac 50/99 Gore Points
Project #: S9805-01-58
Sampler: (Signature)

Relinquished by: (Signature and Printed Name) C. Deming Date: 11/4/15 Time: 1500 Received by: (Signature and Printed Name) OnTrac Date: 11/4/15 Time: 1500
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: 11/5/15 Time: 910
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: Rebecca Silva (Print Name) 11/4/15 (Date)
(Signature)

Send Report To:
Attn: Rebecca Silva
Co:
Addr:
City: State: Zip:

Bill To:
Attn:
Co:
Addr:
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132
5-Day TAT
Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be dispcsed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample :$2.00 / sample /mo (after 45 days)
- Records: $1 /ATL workorder /mo (after 1 year)

Circle or Add Analysis(es) Requested — SPECIFY APPROPRIATE MATRIX — QA/QC: RTNE ☐ CT ☑ SWRCB ☐ Logcode____ OTHER ____

ITEM	LAB USE ONLY: Lab No.	Sample ID / Location	Date	Time	Total Lead (6010B)	Soil	Water	Ground Water	Wastewater	TAT	#	Type	Preservation	Remarks
	1903816-41	L37-B274-0'	11/3	855	X	X				5-Day	1	baggie		
	42	-0.5'	↓	856	↓	↓				↓	↓	↓		
	43	-1'	↓	857	↓	↓				↓	↓	↓		
	44	-2'	↓	858	↓	↓				↓	↓	↓		
	45	-3'	↓	859	↓	↓				↓	↓	↓		HOLD
	46	L37-B275-0'	↓	900	↓	↓				↓	↓	↓		
	47	-0.5'	↓	901	↓	↓				↓	↓	↓		
	48	-1'	↓	902	↓	↓				↓	↓	↓		
	49	-2'	↓	903	↓	↓				↓	↓	↓		
	50	-3'	↓	904	↓	↓				↓	↓	↓		HOLD
	51	L37-B276-0'	↓	905	↓	↓				↓	↓	↓		
	52	-0.5'	↓	906	↓	↓				↓	↓	↓		
	53	-1'	↓	907	↓	↓				↓	↓	↓		
	54	-2'	↓	908	↓	↓				↓	↓	↓		
	55	-3'	↓	909	↓	↓				↓	↓	↓		HOLD
	56	L37-B277-0'	↓	910	↓	↓				↓	↓	↓		
	57	-0.5'	↓	911	↓	↓				↓	↓	↓		
	58	-1'	↓	912	↓	↓				↓	↓	↓		
	59	-2'	↓	913	↓	↓				↓	↓	↓		
	60	-3'	↓	914	↓	↓				↓	↓	↓		HOLD

- TAT starts 8AM the following day if samples received after 3 PM

TAT: ☐ A = Overnight ≤ 24 hrs ☐ B = Emergency Next Workday ☐ C = Critical 2 Workdays ☐ D = Urgent 3 Workdays ☑ E = 5 Routine Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
Tel: (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 ☐ 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 Consultants, Inc
Address: 3160 Gold Valley Drive, Suite 800
Tel: 916-852-9118
Attention: Rebecca Silva
City: Rancho Cordova State: CA Zip Code: 95742
Fax: 916-852-9132
Project Name: Sac 50/99 Gore Points
Project #: S9805-01-58
Sampler: (Signature)

Relinquished by: (Signature and Printed Name) C. Deming Date: 11/4/15 Time: 1500
Received by: (Signature and Printed Name) On Trac Date: 11/4/15 Time: 1500
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: 11/5/15 Time: 700
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:
Rebecca Silva 11/4/15
Print Name Date
Signature

Send Report To:
Attn: Rebecca Silva
Co:
Addr:
City: State: Zip:

Bill To:
Attn:
Co:
Addr:
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132
5-Day TAT
Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

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 /ATL workorder /mo (after 1 year)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX: SOIL / WATER / GROUND WATER / WASTEWATER

PRESERVATION

Container(s): TAT / # / Type

QA / QC: RTNE ☐ CT ☑ SWRCB ☐ Logcode____ OTHER ____

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Total Lead (6010B)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	#	Type	REMARKS
	15078/6-61	L37-B278-0'	11/3	915	X	X				5-Day	1	baggie	
	62	-0.5'		916									
	63	-1'		917									
	64	-2'		918									
	65	-3'		919									HOLD
	66	L37-B279-0'		920									
	67	-0.5'		921									
	68	-1'		922									
	69	-2'		923									
	70	-3'		924									HOLD
	71	L37-B280-0'		925									
	72	-0.5'		926									
	73	-1'		927									
	74	-2'		928									
	75	-3'		929									HOLD
	76	L37-B281-0'		931									
	77	-0.5'		932									
	78	-1'		933									
	79	-2'		934									
	80	-3'		935									HOLD

- TAT starts 8AM the following day if samples received after 3 PM

TAT: ☐ A = Overnight ≤24 hrs ☐ B = Emergency Next Workday ☐ C = Critical 2 Workdays ☐ D = Urgent 3 Workdays ☑ E = Routine 5 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
Tel: (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 Consultants, Inc
Address: 3160 Gold Valley Drive, Suite 800
Tel: 916-852-9118
Attention: Rebecca Silva
City: Rancho Cordova State: CA Zip Code: 95742
Fax: 916-852-9132
Project Name: Sac 50/99 Gore Points
Project #: S9805-01-58
Sampler: (Signature)

Relinquished by: (Signature and Printed Name) Date: 11/4/15 Time: 1500 Received by: (Signature and Printed Name) Date: 11/4/15 Time: 1500
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: 11/5/15 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:
Rebecca Silva 11/4/15
Print Name Date
Signature

Send Report To:
Attn: Rebecca Silva
Co:
Addr:
City: State: Zip:

Bill To:
Attn:
Co:
Addr:
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132
5-Day TAT
Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

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 /ATL workorder /mo (after 1 year)

QA/QC: RTNE ☐ CT ☑ SWRCB ☐ Logcode_____ OTHER _____

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Circle or Add Analysis(es) Requested: Total Lead (6010B)	SPECIFY APPROPRIATE MATRIX: SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	1507886-81	L41-B282-0'	11/3	948	X	X				5-Day	1	baggie		
	82	-0.5'		949										
	83	-1'		950										
	84	-2'		951										
	85	-3'		952										HOLD
	86	L41-B283-0'		953										
	87	-0.5'		954										
	88	-1'		955										
	89	-2'		956										
	90	-3'		957										HOLD
	91	L41-B284-0'		959										
	92	-0.5'		1000										
	93	-1'		1001										
	94	-2'		1002										
	95	-3'		1003										HOLD
	96	L41-B285-0'		1004										
	97	-0.5'		1005										
	98	-1'		1006										
	99	-2'		1007										
	AA	-3'		1008										HOLD

- TAT starts 8AM the following day if samples received after 3 PM

TAT: ☐ A = Overnight ≤ 24 hrs ☐ B = Emergency Next Workday ☐ C = Critical 2 Workdays ☐ D = Urgent 3 Workdays ☑ E = Routine 10 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl $N=HNO_3$ $S=H_2SO_4$ C=4°C $Z=Zn(AC)_2$ O=NaOH $T=Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
Tel: (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 ☐ 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 Consultants, Inc
Address: 3160 Gold Valley Drive, Suite 800
Tel: 916-852-9118
Attention: Rebecca Silva
City: Rancho Cordova State: CA Zip Code: 95742
Fax: 916-852-9132
Project Name: Sac 50/99 Gore Points
Project #: S9805-01-58
Sampler: (Signature)

Relinquished by: (Signature and Printed Name) C.Ramirez	Date: 11/4/15	Time: 1500	Received by: (Signature and Printed Name) Ontrac	Date: 11/4/15	Time: 1500
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date: 11/5/15	Time: 930
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:
Rebecca Silva 11/4/15
Print Name Date
Signature

Send Report To:
Attn: Rebecca Silva
Co: _____
Addr: _____
City: State: Zip:

Bill To:
Attn: _____
Co: _____
Addr: _____
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132
5-Day TAT
Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

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 /ATL workorder /mo (after 1 year)

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Circle or Add Analysis(es) Requested: Total Lead (6010B)	SPECIFY APPROPRIATE MATRIX: SOIL	WATER	GROUND WATER	WASTEWATER	Container(s): TAT	#	Type	PRESERVATION	REMARKS
	1603KA-AB	L41-B286-0'	11/5	1010	X	X				5-Day	1	baggie		
	AC	-0.5'		1011										
	AD	-1'		1012										
	AE	-2'		1013										
	AF	-3'		1014										HOLD
	AG	L41-B287-0'		1021										
	AH	-0.5'		1022										
	AI	-1'		1023										
	AJ	-2'		1024										
	AK	-3'		1025										HOLD
	AL	L41-B288-0'		1028										
	AM	-0.5'		1029										
	AN	-1'		1030										
	AO	-2'		1031										
	AP	-3'		1032										HOLD
	AQ	L41-B289-0'		1033										
	AR	-0.5'		1034										
	AS	-1'		1035										
	AT	-2'		1036										
	AU	-3'		1037										HOLD

- TAT starts 8AM the following day if samples received after 3 PM

TAT: ☐ A = Overnight ≤ 24 hrs ☐ B = Emergency Next Workday ☐ C = Critical 2 Workdays ☐ D = Urgent 3 Workdays ☑ E = 5 Routine 5 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 $T=Na_2S_2O_3$

QA/QC
RTNE ☐
CT ☑
SWRCB ☐ Logcode_____
OTHER _____

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
Tel: (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 ☐ 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 Consultants, Inc
Address: 3160 Gold Valley Drive, Suite 800
Tel: 916-852-9118
Attention: Rebecca Silva
City: Rancho Cordova State: CA Zip Code: 95742
Fax: 916-852-9132
Project Name: Sac 50/99 Gore Points Project #: S9805-01-58 Sampler: (Signature)

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
C Deming	11/4/15	1500		11/4/15	1500
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:
Rebecca Silva 11/4/15
Print Name Date
Signature

Send Report To:
Attn: Rebecca Silva
Co: _____
Addr: _____
City: State: Zip:

Bill To:
Attn: _____
Co: _____
Addr: _____
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132
5-Day TAT
Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

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 /ATL workorder /mo (after 1 year)

QA / QC: RTNE ☐ CT ☑ SWRCB ☐ Logcode____ OTHER _____

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Circle or Add Analysis(es) Requested: Total Lead (6010B)	PRESERVATION: SOIL	WATER	GROUND WATER	WASTEWATER	Container(s): TAT	#	Type	REMARKS
	1603816-AV	L42-B290-0'	11/3	1051	X	X				5-Day	1	baggie	
	AW	-0.5'		1052									
	AX	-1'		1053									
	AY	-2'		1054									
	AZ	-3'		1055									HOLD
	BA	L42-B291-0'		1056									
	BB	-0.5'		1057									
	BC	-1'		1058									
	BD	-2'		1059									
	BE	-3'		1100									HOLD
	BF	L42-B292-0'		1101									
	BG	-0.5'		1102									
	BH	-1'		1103									
	BI	-2'		1104									
	BJ	-3'		1105									HOLD
	BK	L42-B293-0'		1106									
	BL	-0.5'		1107									
	BM	-1'		1108									
	BN	-2'		1109									
	BO	-3'		1110									HOLD

- TAT starts 8AM the following day if samples received after 3 PM

TAT: ☐ A = Overnight ≤24 hrs ☐ B = Emergency Next Workday ☐ C = Critical 2 Workdays ☐ D = Urgent 3 Workdays ☑ E = Routine 5 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives:
H=HCl N=HNO_3 S=H_2SO_4 C=4°C
Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

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3275 Walnut Avenue
Signal Hill, CA 90755
Tel: (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 ☐ 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 Consultants, Inc
Address: 3160 Gold Valley Drive, Suite 800
Tel: 916-852-9118
Attention: Rebecca Silva
City: Rancho Cordova State: CA Zip Code: 95742
Fax: 916-852-9132

Project Name: Sac 50/99 Gore Points Project #: S9805-01-58 Sampler: (Signature)

Relinquished by: (Signature and Printed Name) C. Dawg	Date: 11/4/15	Time: 1500	Received by: (Signature and Printed Name) OnTrac		Date: 11/4/15	Time: 1500
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)		Date: 11/5/15	Time: 800
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: Rebecca Silva 11/4/15
Print Name Date
Signature

Send Report To:
Attn: Rebecca Silva
Co:
Addr:
City: State: Zip:

Bill To:
Attn:
Co:
Addr:
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132
5-Day TAT
Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

Sample/Records - Archival & Disposal
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Storage Fees (applies when storage is requested):
- Sample :$2.00 / sample /mo (after 45 days)
- Records: $1 /ATL workorder /mo (after 1 year)

QA / QC: RTNE ☐ CT ☑ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Circle or Add Analysis(es) Requested: Total Lead (6010B)	SPECIFY APPROPRIATE MATRIX: SOIL	WATER	GROUND WATER	WASTEWATER	Container(s): TAT	#	Type	PRESERVATION	REMARKS
	1507[illegible] - AP	L42-B294-0'	11/3	1112	X	X				5-Day	1	baggie		
	AQ	-0.5'		1113										
	AR	-1'		1114										
	AS	-2'		1115										
	AT	-3'		1116										HOLD
	AU	L42-B295-0'		1117										
	AV	-0.5'		1118										
	AW	-1'		1119										
	AX	-2'		1120										
	AY	-3'		1121										HOLD
	AZ	L42-B296-0'		1122										
	CA	-0.5'		1123										
	CB	-1'		1124										
	CC	-2'		1125										
	CD	-3'		1126										HOLD
	CE	L42-B297-0'		1128										
	CF	-0.5'		1129										
	CG	-1'		1130										
	CH	-2'		1131										
	CJ	-3'		1132										HOLD

- TAT starts 8AM the following day if samples received after 3 PM

TAT: ☐ A = Overnight ≤ 24 hrs ☐ B = Emergency Next Workday ☐ C = Critical 2 Workdays ☐ D = Urgent 3 Workdays ☑ E = Routine 5 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
Tel: (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 ☐ 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 Consultants, Inc
Address: 3160 Gold Valley Drive, Suite 800
Tel: 916-852-9118
Attention: Rebecca Silva
City: Rancho Cordova State: CA Zip Code: 95742
Fax: 916-852-9132
Project Name: Sac 50/99 Gore Points
Project #: S9805-01-58
Sampler: (Signature)

Relinquished by: (Signature and Printed Name) C. Deming	Date: 11/4/15	Time: 1500	Received by: (Signature and Printed Name) OnTrac	Date: 11/4/15	Time: 1500
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date: 11/5/15	Time: 930
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:
Rebecca Silva 11/4/15
Print Name Date
Signature

Send Report To:
Attn: Rebecca Silva
Co:
Addr:
City: State: Zip:

Bill To:
Attn:
Co:
Addr:
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132
5-Day TAT
Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

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 /ATL workorder /mo (after 1 year)

QA / QC: RTNE ☐ CT ☑ SWRCB ☐ Logcode____ OTHER ____

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Circle or Add Analysis(es) Requested: Total Lead (6010B)	SPECIFY APPROPRIATE MATRIX: SOIL	WATER	GROUND WATER	WASTEWATER	PRESERVATION	Container(s): TAT	#	Type	REMARKS
	[illegible] - CJ	L40-B298-0'	11/3	1153	X	X					5-Day	1	baggie	
	CK	-0.5'		1154										
	CL	-1'		1155										
	CM	-2'		1156										
	CN	-3'		1157										HOLD
	CO	L40-B299-0'		1158										
	CP	-0.5'		1159										
	CQ	-1'		1200										
	CR	-2'		1201										
	CS	-3'		1202										HOLD
	CT	L40-B300-0'		1204										
	CU	-0.5'		1205										
	CV	-1'		1206										
	CW	-2'		1207										
	CX	-3'		1208										HOLD
	CY	L40-B301-0'		1209										
	CZ	-0.5'		1210										
	DA	-1'		1211										
	DB	-2'		1212										
	DC	-3'		1213										HOLD

- TAT starts 8AM the following day if samples received after 3 PM

TAT: ☐ A = Overnight ≤ 24 hrs ☐ B = Emergency Next Workday ☐ C = Critical 2 Workdays ☐ D = Urgent 3 Workdays ☑ E = 5 Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives:
H=HCl N=HNO_3 S=H_2SO_4 C=4°C
Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
Tel: (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 ☐ 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 Consultants, Inc
Address: 3160 Gold Valley Drive, Suite 800
Tel: 916-852-9118
Attention: Rebecca Silva
City: Rancho Cordova State: CA Zip Code: 95742
Fax: 916-852-9132
Project Name: Sac 50/99 Gore Points Project #: S9805-01-58 Sampler: (Signature)

Relinquished by: (Signature and Printed Name) C. Deming Date: 11/4/15 Time: 1500
Received by: (Signature and Printed Name) ONTRAC Date: 11/4/15 Time: 1500
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: 11/5/15 Time: 0900
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:
Rebecca Silva 11/4/15
Print Name Date
Signature

Send Report To:
Attn: Rebecca Silva
Co:
Addr:
City: State: Zip:

Bill To:
Attn:
Co:
Addr:
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132
5-Day TAT
Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

Sample/Records - Archival & Disposal
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Storage Fees (applies when storage is requested):
- Sample :$2.00 / sample /mo (after 45 days)
- Records: $1 /ATL workorder /mo (after 1 year)

QA/QC: RTNE ☐ CT ☑ SWRCB ☐ Logcode_____ OTHER _____

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Circle or Add Analysis(es) Requested: Total Lead (6010B)	SPECIFY APPROPRIATE MATRIX: SOIL	WATER	GROUND WATER	WASTEWATER	Container(s): TAT	#	Type	PRESERVATION	REMARKS
	1503816-DD	L40-B302-0'	11/3	1215	X	X				5-Day	1	baggie		
	DE	-0.5'		1216										
	DF	-1'		1217										
	DG	-2'		1218										
	DH	-3'		1219										HOLD
	DI	L40-B303-0'		1221										
	DJ	-0.5'		1222										
	DK	-1'		1223										
	DL	-2'		1224										
	DM	-3'		1225										HOLD
	DN	L40-B304-0'		1227										
	DO	-0.5'		1226										
	DP	-1'		1229										
	DQ	-2'		1230										
	DR	-3'		1231										HOLD
	DS	L40-B305-0'		1232										
	DT	-0.5'		1233										
	DU	-1'		1234										
	DV	-2'		1235										
	DW	-3'		1236										HOLD

- TAT starts 8AM the following day if samples received after 3 PM

TAT: ☐ A = Overnight ≤ 24 hrs ☐ B = Emergency Next Workday ☐ C = Critical 2 Workdays ☐ D = Urgent 3 Workdays ☑ E = Routine 5 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl $N=HNO_3$ $S=H_2SO_4$ C=4°C $Z=Zn(AC)_2$ O=NaOH $T=Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
Tel: (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 ☐ 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 Consultants, Inc
Address: 3160 Gold Valley Drive, Suite 800
Tel: 916-852-9118
Attention: Rebecca Silva
City: Rancho Cordova State: CA Zip Code: 95742
Fax: 916-852-9132
Project Name: Sac 50/99 Gore Points Project #: S9805-01-58
Sampler: (Signature)

Relinquished by: (Signature and Printed Name) C Deniz	Date: 11/4/15	Time: 1500	Received by: (Signature and Printed Name) DuTor	Date: 11/4/15	Time: 1500
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name) C. Nguyen	Date: 11/4/15	Time: 90
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:
Rebecca Silva 11/4/15
Print Name Date
Signature

Send Report To:
Attn: Rebecca Silva
Co:
Addr:
City: State: Zip:

Bill To:
Attn:
Co:
Addr:
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132
5-Day TAT
Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

Sample/Records - Archival & Disposal
Unless otherwise requestec 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 /ATL workorder /mo (after 1 year)

QA / QC: RTNE ☐ CT ☑ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Circle or Add Analysis(es) Requested: Total Lead (6010B)	SPECIFY APPROPRIATE MATRIX: SOIL	WATER	GROUND WATER	WASTEWATER	PRESERVATION	Container(s): TAT	#	Type	REMARKS
	1506116-DX	L38-HA306-0'	11/3	1312	X	X					5-Day	1	baggie	
	DY	-0.5'		1313										
	DZ	-1'		1316										
	EA	-2'		1317										
	EB	-3'		1319										HOLD
	EC	L38-HA307-0'		1321										
	ED	-0.5'		1322										
	EE	-1'		1323										
	EF	-2'		1324										
	EG	-3'		1325										HOLD
	EH	L38-HA308-0'		1331										
	EI	-0.5'		1332										
	EJ	-1'		1333										
	EK	-2'		1334										
	EL	-3'		1335										HOLD
	EM	L38-HA309-0'		1336										
	EN	-0.5'		1337										
	EO	-1'		1338										
	EP	-2'		1339										
	EQ	-3'		1340										HOLD

- TAT starts 8AM the following day if samples received after 3 PM

TAT: ☐ A = Overnight ≤ 24 hrs ☐ B = Emergency Next Workday ☐ C = Critical 2 Workdays ☐ D = Urgent 3 Workdays ☑ E = Routine 5 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives:
H=HCl N=HNO_3 S=H_2SO_4 C=4°C
Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
Tel: (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 Consultants, Inc
Attention: Rebecca Silva
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: Sac 50/99 Gore Points Project #: S9805-01-58 Sampler: (Signature)

Relinquished by: (Signature and Printed Name)	Date: 11/4/15	Time: 1500	Received by: (Signature and Printed Name)	Date: 11/4/15	Time: 1500
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date: 11/4/15	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:
Rebecca Silva 11/4/15
Print Name Date
Signature

Send Report To:
Attn: Rebecca Silva
Co: _____
Addr: _____
City: State: Zip:

Bill To:
Attn: _____
Co: _____
Addr: _____
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132
5-Day TAT
Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

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 /ATL workorder /mo (after 1 year)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

PRESERVATION

QA/QC: RTNE ☐ CT ☑ SWRCB Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Total Lead (6010B)	SOIL	WATER	GROUND WATER	WASTEWATER	Container(s) TAT	#	Type	REMARKS
	1507816- CB	L38-HA310-0'	11/3	1351	X	X				5-Day	1	baggie	
	ES	-0.5'		1353									
	ET	-1'		1355									
	EU	-2'		1357									
	EV	-3'		1359									HOLD
	EW	L38-HA311-0'		1402									
	EX	-0.5'		1403									
	EY	-1'		1404									
	EZ	-2'		1405									
	FA	-3'		1406									HOLD
	FB	L38-HA312-0'		1409									
	FC	-0.5'		1410									
	FD	-1'		1411									
	FE	-2'		1412									
	FF	-3'		1414									HOLD
	FG	L38-HA313-0'		1418									
	FH	-0.5'		1419									
	FI	-1'		1420									
	FJ	-2'		1421									
	FK	-3'		1422									HOLD

- TAT starts 8AM the following day if samples received after 3 PM

TAT: ☐ A = Overnight ≤ 24 hrs ☐ B = Emergency Next Workday ☐ C = Critical 2 Workdays ☐ D = Urgent 3 Workdays ☑ E = $ Routine 5 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl $N=HNO_3$ $S=H_2SO_4$ C=4°C $Z=Zn(AC)_2$ O=NaOH $T=Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
Tel: (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 ☐ 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 Consultants, Inc
Attention: Rebecca Silva
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: Sac 50/99 Gore Points
Project #: S9805-01-58
Sampler: (Signature)

Relinquished by: (Signature and Printed Name)	C. Denning	Date: 11/4/15	Time: 1500	Received by: (Signature and Printed Name)	OnTrac	Date: 11/4/15	Time: 1500
Relinquished by: (Signature and Printed Name)		Date:	Time:	Received by: (Signature and Printed Name)		Date: 11/5/15	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:
Rebecca Silva 11/4/15
Print Name Date
Signature

Send Report To:
Attn: Rebecca Silva
Co:
Addr:
City: State: Zip:

Bill To:
Attn:
Co:
Addr:
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132
5-Day TAT
Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

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 /ATL workorder /mo (after 1 year)

Circle or Add Analysis(es) Requested: Total Lead (6010B)

SPECIFY APPROPRIATE MATRIX: SOIL | WATER | GROUND WATER | WASTEWATER

PRESERVATION

Container(s): TAT | # | Type

QA / QC: RTNE ☐ CT ☑ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Total Lead (6010B)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	#	Type	REMARKS
	197 FL	L36-HA314-0'	11/3	1510	X	X				5-Day	1	baggie	
	FM	-0.5		1512									
	FN	-1		1514									
	FO	-2		1516									
	FP	-3		1518									HOLD
	FQ	L36-HA315-0'		1520									
	FR	-0.5'		1521									
	FS	-1'		1529									
	FT	-2'		1530									
	FU	-3'		1531									HOLD
	FV	L36-HA316-0'		1534									
	FW	-0.5'		1538									
	FX	-1		1540									
	FY	-2		1543									
	FZ	-3		1545									Hold
	GA	L36-HA317-0		1549									
	GB	-0.5'		1551									
	GC	-1'		1553									
	GD	-2'		1554									
	GE	-3'		1556									HOLD

- TAT starts 8AM the following day if samples received after 3 PM

TAT: ☐ A = Overnight ≤ 24 hrs ☐ B = Emergency Next Workday ☐ C = Critical 2 Workdays ☐ D = Urgent 3 Workdays ☑ E = Routine 5 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives:
H=HCl $N=HNO_3$ $S=H_2SO_4$ C=4°C
$Z=Zn(AC)_2$ O=NaOH $T=Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
Tel: (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 ☐ 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 Consultants, Inc
Attention: Rebecca Silva
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: Sac 50/99 Gore Points Project #: S9805-01-58 Sampler: (Signature)

Relinquished by: (Signature and Printed Name)	C. Dennig	Date: 11/4/15	Time: 1500	Received by: (Signature and Printed Name)	Date: 11/4/15	Time: 1500
Relinquished by: (Signature and Printed Name)		Date:	Time:	Received by: (Signature and Printed Name)	Date: 11/5/15	Time: 9:20
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:
Rebecca Silva 11/4/15
Print Name Date
Signature

Send Report To:
Attn: Rebecca Silva
Co: _____
Addr: _____
City: State: Zip:

Bill To:
Attn: _____
Co: _____
Addr: _____
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132
5-Day TAT
Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

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 /ATL workorder /mo (after 1 year)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX: SOIL | WATER | GROUND WATER | WASTEWATER

PRESERVATION

QA/QC: RTNE ☐ CT ☑ SWRCB ☐ Logcode_____ OTHER _____

ITEM	LAB USE ONLY: Lab No.	Sample ID / Location	Date	Time	Total Lead (6010B)	SOIL	WATER	GROUND WATER	WASTEWATER	Container(s) TAT	#	Type	REMARKS
	15[illegible]-GF	L36-HA312-0	11/3	1558	X	X				5-Day	1	baggie	
	GG	-0.5		1600									
	GH	-1		1602									
	GI	-2		1604									
	GJ	-3		1606									Hold
	GK	L36-HA319-0		1607									
	GL	-0.5		1610									
	GM	-1		1617									
	GP	-2		1620									
	GO	-3		1622									Hold
	GP	L36-HA320-0		1627									
	GQ	-0.5		1632									
	GR	-1		1636									
	GS	-2		1640									
	GT	-3		1641									Hold
	GU	L36-HA321-0		1645									
	GV	-0.5		1647									
	GW	-1		1650									
	GX	-2	1700	1654									
	GY	-3	1702	1658									Hold

- TAT starts 8AM the following day if samples received after 3 PM

TAT: ☐ A = Overnight ≤ 24 hrs ☐ B = Emergency Next Workday ☐ C = Critical 2 Workdays ☐ D = Urgent 3 Workdays ☑ E = Routine 5 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives:
H=HCl N=HNO_3 S=H_2SO_4 C=4°C
Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
Tel: (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 Consultants, Inc
Address: 3160 Gold Valley Drive, Suite 800
Tel: 916-852-9118
Attention: Rebecca Silva
City: Rancho Cordova State: CA Zip Code: 95742
Fax: 916-852-9132
Project Name: Sac 50/99 Gore Points Project #: S9805-01-58 Sampler: (Signature)

Relinquished by: (Signature and Printed Name) C. Dennig	Date 11/4/15	Time 1500	Received by: (Signature and Printed Name) On Trac	Date 11/4/15	Time 1500
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:
Rebecca Silva 11/4/15
Print Name Date
Signature

Send Report To:
Attn: Rebecca Silva
Co: _____
Addr: _____
City: State: Zip:

Bill To:
Attn: _____
Co: _____
Addr: _____
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132
5-Day TAT
Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

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):
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- Records: $1 /ATL workorder /mo (after 1 year)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX: SOIL | WATER | GROUND WATER | WASTEWATER

PRESERVATION

Q A / Q C: RTNE ☐ CT ☑ SWRCB ☐ Logcode _____ OTHER _____

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Total Lead (6010B)	SOIL	WATER	GROUND WATER	WASTEWATER	Container(s): TAT	#	Type	REMARKS
	1503886 - 67	L43-HA322-0'	11/4	649	X	X				5-Day	1	baggie	
	HA	-0.5'		652									
	HB	-1'		654									
	HC	-2'		656									
	HD	-3'		659									HOLD
	HE	L43-HA323-0'		701									
	HF	-0.5'		702									
	HG	-1'		704									
	HH	-2'		706									
	HI	-3'		708									HOLD
	HJ	L43-HA324-0'		712									
	HK	-0.5'		714									
	HL	-1'		716									
	HM	-2'		718									
	HN	-3'		720									HOLD
	HO	L43-HA325-0'		734									
	HP	-0.5'		736									
	HQ	-1'		738									
	HR	-2'		740									
	HS	-3'	11/4	742									HOLD

- TAT starts 8AM the following day if samples received after 3 PM

TAT: ☐ A = Overnight ≤ 24 hrs ☐ B = Emergency Next Workday ☐ C = Critical 2 Workdays ☐ D = Urgent 3 Workdays ☑ E = Routine 5 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl $N=HNO_3$ $S=H_2SO_4$ C=4°C $Z=Zn(AC)_2$ O=NaOH $T=Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
Tel: (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 ☐ 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 Consultants, Inc
Address: 3160 Gold Valley Drive, Suite 800
Tel: 916-852-9118
Attention: Rebecca Silva
City: Rancho Cordova State: CA Zip Code: 95742
Fax: 916-852-9132
Project Name: Sac 50/99 Gore Points Project #: S9805-01-58 Sampler: (Signature)

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
[signature] C Deaving	11/4/15	1500	Ontac	11/4/15	1500
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
			[signature]	11/4/15	1900
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:
Rebecca Silva 11/4/15
Print Name Date
Signature

Send Report To:
Attn: Rebecca Silva
Co:
Addr:
City: State: Zip:

Bill To:
Attn:
Co:
Addr:
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132
5-Day TAT
Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

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 /ATL workorder /mo (after 1 year)

Circle or Add Analysis(es) Requested: Total Lead (6010B)

SPECIFY APPROPRIATE MATRIX: SOIL / WATER / GROUND WATER / WASTEWATER

PRESERVATION

Container(s): TAT / # / Type

QA/QC: RTNE ☐ CT ☑ SWRCB ☐ Logcode_____ OTHER _____

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Total Lead (6010B)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	#	Type	REMARKS
	19786 - HT	L43-HA326-0'	11/4	742	X	X				5-Day	1	baggie	
	HU	-0.5'		743									
	HV	-1'		744									
	HW	-2'		745									
	HX	-3'		746									HOLD
	HY	L43-HA327-0'		748									
	HZ	-0.5'		749									
	IA	-1'		750									
	IB	-2'		752									
	IC	-3'		754									HOLD
	ID	L43-HA328-0'		805									
	IE	-0.5'		806									
	IF	-1'		809									
	IG	-2'		810									
	IH	-3'		812									HOLD
	II	L43-HA329-0'		816									
	IJ	-0.5'		818									
	IK	-1'		820									
	IL	-2'		822									
	IM	-3'		824									HOLD

- TAT starts 8AM the following day if samples received after 3 PM

TAT: ☐ A = Overnight ≤ 24 hrs ☐ B = Emergency Next Workday ☐ C = Critical 2 Workdays ☐ D = Urgent 3 Workdays ☑ E = Routine 5 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives:
H=HCl N=HNO_3 S=H_2SO_4 C=4°C
Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
Tel: (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 ☐ 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 Consultants, Inc
Address: 3160 Gold Valley Drive, Suite 800
Tel: 916-852-9118
Attention: Rebecca Silva
City: Rancho Cordova State: CA Zip Code: 95742
Fax: 916-852-9132
Project Name: Sac 50/99 Gore Points Project #: S9805-01-58 Sampler: (Signature)

Relinquished by: (Signature and Printed Name) C Dennig	Date: 11/4/15	Time: 1500	Received by: (Signature and Printed Name) OnTrac	Date: 11/4/15	Time: 1500
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date: 11/5/15	Time: 930
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:
Prcject Mgr /Submitter:
Rebecca Silva (Print Name) 11/4/15 (Date)
(Signature)

Send Report To:
Attn: Rebecca Silva
Co:
Addr:
City: State: Zip:

Bill To:
Attn:
Co:
Addr:
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132
5-Day TAT
Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

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 /ATL workcrder /mo (afler 1 year)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX: SOIL | WATER | GROUND WATER | WASTEWATER

PRESERVATION

QA/QC: RTNE ☐ CT ☑ SWRCB ☐ Logcode_____ OTHER _____

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Total Lead (6010B)	SOIL	WATER	GROUND WATER	WASTEWATER	Container(s): TAT	#	Type	REMARKS
	15118 - IN	L39 - B330 - 0'	11/4	914	X	X				5-Day	1	baggie	
	IO	-0.5'		915									
	IP	-1'		916									
	IQ	-2'		917									
	IR	-3'		918									HOLD
	IS	L39 - B331 - 0'		919									
	IT	-0.5'		920									
	IU	-1'		921									
	IV	-2'		922									
	IW	-3'		923									HOLD
	IX	L39 - B332 - 0'		924									
	IY	-0.5'		925									
	IZ	-1'		926									
	JA	-2'		927									
	JB	-3'		928									HOLD
	JC	L39 - B333 - 0'		929									
	JD	-0.5'		930									
	JE	-1'		931									
	JF	-2'		932									
	JG	-3'		933									HOLD

- TAT starts 8AM the following day if samples received after 3 PM

TAT: ☐ A = Overnight ≤ 24 hrs ☐ B = Emergency Next Workday ☐ C = Critical 2 Workdays ☐ D = Urgent 3 Workdays ☑ E = Routine 5 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives:
H=HCl N=HNO_3 S=H_2SO_4 C=4°C
Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
Tel: (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 ☐ 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 Consultants, Inc
Address: 3160 Gold Valley Drive, Suite 800
Tel: 916-852-9118
Attention: Rebecca Silva
City: Rancho Cordova State: CA Zip Code: 95742
Fax: 916-852-9132
Project Name: Sac 50/99 Gore Points Project #: S9805-01-58 Sampler: (Signature)

Relinquished by: (Signature and Printed Name) C. Dennig	Date: 11/4/15	Time: 1500	Received by: (Signature and Printed Name) OnTrac	Date: 11/4/15	Time: 1500
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name) C. Hawk	Date: 11/5/15	Time: 0755
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:
Rebecca Silva 11/4/15
Print Name Date
Signature

Send Report To:
Attn: Rebecca Silva
Co:
Addr:
City: State: Zip:

Bill To:
Attn:
Co:
Addr:
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132
5-Day TAT
Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

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 /ATL workorder /mo (after 1 year)

QA/QC: RTNE ☐ CT ☑ SWRCB Logcode ☐ OTHER _____

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Circle or Add Analysis(es) Requested: Total Lead (6010B)	SPECIFY APPROPRIATE MATRIX: SOIL	WATER	GROUND WATER	WASTEWATER	Container(s): TAT	#	Type	PRESERVATION	REMARKS
	190780 - JH	L39-B334-0'	11/4	936	X	X				5-Day	1	baggie		
	JI	-0.5'		937										
	JJ	-1'		938										
	JK	-2'		939										
	JL	-3'		940										HOLD
	JM	L39-B335-0'		941										
	JN	-0.5'		942										
	JO	-1'		943										
	JP	-2'		944										
	JQ	-3'		945										HOLD
	JR	L39-B336-0'		947										
	JS	-0.5'		948										
	JT	-1'		949										
	JU	-2'		950										
	JV	-3'		951										HOLD
	JW	L39-B337-0'		953										
	JX	-0.5'		954										
	JY	-1'		955										
	JZ	-2'		956										
	KA	-3'		957										HOLD

- TAT starts 8AM the following day if samples received after 3 PM

TAT: ☐ A = Overnight ≤ 24 hrs ☐ B = Emergency Next Workday ☐ C = Critical 2 Workdays ☐ D = Urgent 3 Workdays ☑ E = Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives:
H=HCl N=HNO_3 S=H_2SO_4 C=4°C
Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

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Signal Hill, CA 90755
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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 ☐ 4. SEALED Y ☐ N ☐
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Client: Geocon Consultants, Inc
Address: 3160 Gold Valley Drive, Suite 800
Tel: 916-852-9118
Attention: Rebecca Silva
City: Rancho Cordova State: CA Zip Code: 95742
Fax: 916-852-9132
Project Name: Sac 50/99 Gore Points Project #: S9805-01-58 Sampler: (Signature)

Relinquished by: (Signature and Printed Name) C. Dennis Date: 11/4/15 Time: 1500
Received by: (Signature and Printed Name) OnTrac Date: 11/4/15 Time: 1500
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:
Rebecca Silva 11/4/15
Print Name Date
Signature

Send Report To:
Attn: Rebecca Silva
Co:
Addr:
City: State: Zip:

Bill To:
Attn:
Co:
Addr:
City: State: Zip:

Special Instructions/Comments:
Homogenize samples for lead analysis
Caltrans Contract 03A2132
5-Day TAT
Please copy Kari Cook on the results and include an excel file. Thank you. (cook@geoconinc.com)

Sample/Records - Archival & Disposal
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Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX: SOIL / WATER / GROUND WATER / WASTEWATER

PRESERVATION

QA/QC: RTNE ☐ CT ☑ SWRCB ☐ Logcode: _____ OTHER _____

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Total Lead (6010B)	SOIL	TAT	Container(s) #	Container(s) Type	REMARKS
	93546 - KB	L29 - B339 - 0'	11/4	1010	X	X	5-Day	1	baggie	
	KC	-0.5'		1011						
	KD	-1'		1012						
	KE	-2'		1013						
	KF	-3'		1014						HOLD
	KG	L29 - B339 - 0'		1015						
	KH	-0.5'		1016						
	KI	-1'		1017						
	KJ	-2'		1018						
	KK	-3'		1019						HOLD
	KL	L29 - B340 - 0'		1030						
	KM	-0.5'		1031						
	KN	-1'		1032						
	KO	-2'		1033						
	KP	-3'		1034						HOLD
	KQ	L29 - B341 - 0'		1036						
	KR	-0.5'		1037						
	KS	-1'		1038						
	KT	-2'		1039						
	KU	-3'		1040						HOLD

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Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

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Client: Geocon Consultants, Inc
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Attention: Rebecca Silva
City: Rancho Cordova State: CA Zip Code: 95742
Fax: 916-852-9132
Project Name: Sac 50/99 Gore Points Project #: S9805-01-58 Sampler: (Signature)

Relinquished by: (Signature and Printed Name)	C Dennig	Date: 11/4/15	Time: 1500	Received by: (Signature and Printed Name)		Date: 11/4/15	Time: 1500
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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:
Rebecca Silva 11/4/15
Print Name Date
Signature

Send Report To:
Attn: Rebecca Silva
Co:
Addr:
City: State: Zip:

Bill To:
Attn:
Co:
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SPECIFY APPROPRIATE MATRIX: SOIL, WATER, GROUND WATER, WASTEWATER

PRESERVATION

QA/QC: RTNE ☐ CT ☑ SWRCB Logcode ☐ OTHER ☐

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	Total Lead (6010B)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	REMARKS
1	KV	L29-B342-0'	11/4	1044	X	X				5-Day	1	baggie	
	KW	-0.5'		1045									
	KX	-1'		1046									
	KY	-2'		1047									
	KZ	-3'		1048									HOLD
	LA	L29-B343-0'		1050									
	LB	-0.5'		1051									
	LC	-1'		1052									
	LD	-2'		1053									
	LE	-3'		1054									HOLD
	LF	L29-B344-0'		1055									
	LG	-0.5'		1056									
	LH	-1'		1057									
	LI	-2'		1058									
	LJ	-3'		1059									HOLD
	LK	L29-B345-0'		1101									
	LL	-0.5'		1102									
	LM	-1'		1103									
	LN	-2'		1104									
	LO	-3'		1105									HOLD

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Preservatives:
H=HCl $N=HNO_3$ $S=H_2SO_4$ C=4°C
$Z=Zn(AC)_2$ O=NaOH $T=Na_2S_2O_3$

ADVANCED TECHNOLOGY LABORATORIES

November 23, 2015

Rebecca Silva
Geocon Consultants, Inc.
3160 Gold Valley Drive, Suite 800
Rancho Cordova, CA 95742
Tel: (916) 852-9118
Fax:(916) 852-9132

ELAP No.: 1838
CSDLAC No.: 10196
ORELAP No.: CA300003
TCEQ No. : T104704502

Re: ATL Work Order Number : 1503816

Client Reference : Sac 50/99 Gore Points, S9805-01-58

Enclosed are the results for sample(s) received on November 05, 2015 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 11/23/2015

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
L31-B266-0'	1503816-01	Soil	11/03/15 7:25	11/05/15 9:00
L31-B267-0'	1503816-06	Soil	11/03/15 7:32	11/05/15 9:00
L31-B269-0'	1503816-16	Soil	11/03/15 7:50	11/05/15 9:00
L31-B270-0'	1503816-21	Soil	11/03/15 7:57	11/05/15 9:00
L31-B273-0'	1503816-36	Soil	11/03/15 8:12	11/05/15 9:00
L37-B274-0'	1503816-41	Soil	11/03/15 8:55	11/05/15 9:00
L37-B274-0.5'	1503816-42	Soil	11/03/15 8:56	11/05/15 9:00
L37-B274-1'	1503816-43	Soil	11/03/15 8:57	11/05/15 9:00
L37-B274-2'	1503816-44	Soil	11/03/15 8:58	11/05/15 9:00
L37-B275-0'	1503816-46	Soil	11/03/15 9:00	11/05/15 9:00
L37-B275-1'	1503816-48	Soil	11/03/15 9:02	11/05/15 9:00
L37-B276-0'	1503816-51	Soil	11/03/15 9:05	11/05/15 9:00
L37-B276-0.5'	1503816-52	Soil	11/03/15 9:06	11/05/15 9:00
L37-B277-0'	1503816-56	Soil	11/03/15 9:10	11/05/15 9:00
L37-B277-1'	1503816-58	Soil	11/03/15 9:12	11/05/15 9:00
L37-B278-0'	1503816-61	Soil	11/03/15 9:15	11/05/15 9:00
L37-B279-0'	1503816-66	Soil	11/03/15 9:20	11/05/15 9:00
L37-B280-0'	1503816-71	Soil	11/03/15 9:25	11/05/15 9:00
L37-B280-0.5'	1503816-72	Soil	11/03/15 9:26	11/05/15 9:00
L41-B282-0'	1503816-81	Soil	11/03/15 9:48	11/05/15 9:00
L41-B282-0.5'	1503816-82	Soil	11/03/15 9:49	11/05/15 9:00
L41-B283-0'	1503816-86	Soil	11/03/15 9:53	11/05/15 9:00
L41-B283-0.5'	1503816-87	Soil	11/03/15 9:54	11/05/15 9:00
L41-B283-1'	1503816-88	Soil	11/03/15 9:55	11/05/15 9:00
L41-B283-2'	1503816-89	Soil	11/03/15 9:56	11/05/15 9:00
L41-B284-0'	1503816-91	Soil	11/03/15 9:59	11/05/15 9:00
L41-B284-1'	1503816-93	Soil	11/03/15 10:01	11/05/15 9:00
L41-B285-0'	1503816-96	Soil	11/03/15 10:04	11/05/15 9:00
L41-B285-0.5'	1503816-97	Soil	11/03/15 10:05	11/05/15 9:00
L41-B286-0'	1503816-AB	Soil	11/03/15 10:10	11/05/15 9:00
L41-B287-0'	1503816-AG	Soil	11/03/15 10:21	11/05/15 9:00
L41-B287-0.5'	1503816-AH	Soil	11/03/15 10:22	11/05/15 9:00
L41-B288-0'	1503816-AL	Soil	11/03/15 10:28	11/05/15 9:00
L41-B288-0.5'	1503816-AM	Soil	11/03/15 10:29	11/05/15 9:00
L41-B289-0'	1503816-AQ	Soil	11/03/15 10:33	11/05/15 9:00

Certificate of Analysis

Geocon Consultants, Inc.	Project Number : Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800	Report To : Rebecca Silva
Rancho Cordova , CA 95742	Reported : 11/23/2015

L42-B290-0'	1503816-AV	Soil	11/03/15 10:51	11/05/15 9:00
L42-B291-0'	1503816-BA	Soil	11/03/15 10:56	11/05/15 9:00
L42-B291-0.5'	1503816-BB	Soil	11/03/15 10:57	11/05/15 9:00
L42-B291-2'	1503816-BD	Soil	11/03/15 10:59	11/05/15 9:00
L42-B292-0'	1503816-BF	Soil	11/03/15 11:01	11/05/15 9:00
L42-B293-0'	1503816-BK	Soil	11/03/15 11:06	11/05/15 9:00
L42-B294-0'	1503816-BP	Soil	11/03/15 11:12	11/05/15 9:00
L42-B295-0'	1503816-BU	Soil	11/03/15 11:17	11/05/15 9:00
L42-B296-0'	1503816-BZ	Soil	11/03/15 11:22	11/05/15 9:00
L42-B297-0'	1503816-CE	Soil	11/03/15 11:28	11/05/15 9:00
L42-B297-0.5'	1503816-CF	Soil	11/03/15 11:29	11/05/15 9:00
L40-B298-0'	1503816-CJ	Soil	11/03/15 11:53	11/05/15 9:00
L40-B299-0'	1503816-CO	Soil	11/03/15 11:58	11/05/15 9:00
L40-B301-0'	1503816-CY	Soil	11/03/15 12:09	11/05/15 9:00
L40-B302-0'	1503816-DD	Soil	11/03/15 12:15	11/05/15 9:00
L40-B303-0'	1503816-DI	Soil	11/03/15 12:21	11/05/15 9:00
L40-B304-0'	1503816-DN	Soil	11/03/15 12:27	11/05/15 9:00
L40-B305-0'	1503816-DS	Soil	11/03/15 12:32	11/05/15 9:00
L38-HA306-0'	1503816-DX	Soil	11/03/15 13:12	11/05/15 9:00
L38-HA306-0.5'	1503816-DY	Soil	11/03/15 13:13	11/05/15 9:00
L38-HA306-1'	1503816-DZ	Soil	11/03/15 13:15	11/05/15 9:00
L38-HA307-0'	1503816-EC	Soil	11/03/15 13:21	11/05/15 9:00
L38-HA307-0.5'	1503816-ED	Soil	11/03/15 13:22	11/05/15 9:00
L38-HA307-1'	1503816-EE	Soil	11/03/15 13:23	11/05/15 9:00
L38-HA308-0'	1503816-EH	Soil	11/03/15 13:31	11/05/15 9:00
L38-HA308-0.5'	1503816-EI	Soil	11/03/15 13:32	11/05/15 9:00
L38-HA308-1'	1503816-EJ	Soil	11/03/15 13:33	11/05/15 9:00
L38-HA309-0'	1503816-EM	Soil	11/03/15 13:36	11/05/15 9:00
L38-HA309-0.5'	1503816-EN	Soil	11/03/15 13:37	11/05/15 9:00
L38-HA309-1'	1503816-EO	Soil	11/03/15 13:38	11/05/15 9:00
L38-HA310-0'	1503816-ER	Soil	11/03/15 13:51	11/05/15 9:00
L38-HA311-0'	1503816-EW	Soil	11/03/15 14:02	11/05/15 9:00
L38-HA311-0.5'	1503816-EX	Soil	11/03/15 14:03	11/05/15 9:00
L38-HA312-0'	1503816-FB	Soil	11/03/15 14:09	11/05/15 9:00
L38-HA312-0.5'	1503816-FC	Soil	11/03/15 14:10	11/05/15 9:00
L38-HA313-0'	1503816-FG	Soil	11/03/15 14:18	11/05/15 9:00
L36-HA314-0'	1503816-FL	Soil	11/03/15 15:10	11/05/15 9:00
L36-HA314-0.5'	1503816-FM	Soil	11/03/15 15:12	11/05/15 9:00
L36-HA314-1'	1503816-FN	Soil	11/03/15 15:14	11/05/15 9:00

Geocon Consultants, Inc.
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L36-HA315-0'	1503816-FQ	Soil	11/03/15 15:20	11/05/15 9:00
L36-HA316-0'	1503816-FV	Soil	11/03/15 15:34	11/05/15 9:00
L36-HA316-0.5'	1503816-FW	Soil	11/03/15 15:38	11/05/15 9:00
L36-HA317-0'	1503816-GA	Soil	11/03/15 15:49	11/05/15 9:00
L36-HA317-0.5'	1503816-GB	Soil	11/03/15 15:51	11/05/15 9:00
L36-HA317-2'	1503816-GD	Soil	11/03/15 15:54	11/05/15 9:00
L36-HA318-0'	1503816-GF	Soil	11/03/15 15:58	11/05/15 9:00
L36-HA318-0.5'	1503816-GG	Soil	11/03/15 16:00	11/05/15 9:00
L36-HA318-1'	1503816-GH	Soil	11/03/15 16:02	11/05/15 9:00
L36-HA319-0'	1503816-GK	Soil	11/03/15 16:07	11/05/15 9:00
L36-HA319-0.5'	1503816-GL	Soil	11/03/15 16:10	11/05/15 9:00
L36-HA320-0'	1503816-GP	Soil	11/03/15 16:27	11/05/15 9:00
L36-HA320-0.5'	1503816-GQ	Soil	11/03/15 16:32	11/05/15 9:00
L36-HA321-0'	1503816-GU	Soil	11/03/15 16:45	11/05/15 9:00
L36-HA321-0.5'	1503816-GV	Soil	11/03/15 16:47	11/05/15 9:00
L36-HA321-1'	1503816-GW	Soil	11/03/15 16:58	11/05/15 9:00
L43-HA322-0'	1503816-GZ	Soil	11/04/15 6:49	11/05/15 9:00
L43-HA322-0.5'	1503816-HA	Soil	11/04/15 6:52	11/05/15 9:00
L43-HA322-1'	1503816-HB	Soil	11/04/15 6:54	11/05/15 9:00
L43-HA322-2'	1503816-HC	Soil	11/04/15 6:56	11/05/15 9:00
L43-HA323-0'	1503816-HE	Soil	11/04/15 7:01	11/05/15 9:00
L43-HA323-0.5'	1503816-HF	Soil	11/04/15 7:02	11/05/15 9:00
L43-HA323-1'	1503816-HG	Soil	11/04/15 7:04	11/05/15 9:00
L43-HA323-2'	1503816-HH	Soil	11/04/15 7:06	11/05/15 9:00
L43-HA324-0'	1503816-HJ	Soil	11/04/15 7:12	11/05/15 9:00
L43-HA324-0.5'	1503816-HK	Soil	11/04/15 7:14	11/05/15 9:00
L43-HA324-1'	1503816-HL	Soil	11/04/15 7:16	11/05/15 9:00
L43-HA325-0'	1503816-HO	Soil	11/04/15 7:34	11/05/15 9:00
L43-HA325-0.5'	1503816-HP	Soil	11/04/15 7:36	11/05/15 9:00
L43-HA326-0'	1503816-HT	Soil	11/04/15 7:42	11/05/15 9:00
L43-HA326-0.5'	1503816-HU	Soil	11/04/15 7:43	11/05/15 9:00
L43-HA326-2'	1503816-HW	Soil	11/04/15 7:45	11/05/15 9:00
L43-HA327-0'	1503816-HY	Soil	11/04/15 7:48	11/05/15 9:00
L43-HA327-0.5'	1503816-HZ	Soil	11/04/15 7:49	11/05/15 9:00
L43-HA328-0'	1503816-ID	Soil	11/04/15 8:05	11/05/15 9:00
L43-HA329-0'	1503816-II	Soil	11/04/15 8:16	11/05/15 9:00
L43-HA329-0.5'	1503816-IJ	Soil	11/04/15 8:18	11/05/15 9:00
L43-HA329-1'	1503816-IK	Soil	11/04/15 8:20	11/05/15 9:00
L39-B330-0'	1503816-IN	Soil	11/04/15 9:14	11/05/15 9:00

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L39-B331-0'	1503816-IS	Soil	11/04/15 9:19	11/05/15 9:00
L39-B332-0'	1503816-IX	Soil	11/04/15 9:24	11/05/15 9:00
L39-B334-0.5'	1503816-JI	Soil	11/04/15 9:37	11/05/15 9:00
L29-B338-0'	1503816-KB	Soil	11/04/15 10:10	11/05/15 9:00
L29-B338-0.5'	1503816-KC	Soil	11/04/15 10:11	11/05/15 9:00
L29-B338-1'	1503816-KD	Soil	11/04/15 10:12	11/05/15 9:00
L29-B339-0'	1503816-KG	Soil	11/04/15 10:15	11/05/15 9:00
L29-B339-0.5'	1503816-KH	Soil	11/04/15 10:16	11/05/15 9:00
L29-B339-2'	1503816-KJ	Soil	11/04/15 10:18	11/05/15 9:00
L29-B341-0'	1503816-KQ	Soil	11/04/15 10:36	11/05/15 9:00
L29-B342-0'	1503816-KV	Soil	11/04/15 10:44	11/05/15 9:00
L29-B344-0'	1503816-LF	Soil	11/04/15 10:55	11/05/15 9:00
L29-B345-0'	1503816-LK	Soil	11/04/15 11:01	11/05/15 9:00
L29-B345-0.5'	1503816-LL	Soil	11/04/15 11:02	11/05/15 9:00

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Geocon Consultants, Inc.		Project Number :	Sac 50/99 Gore Points, S9805-01-58
3160 Gold Valley Drive, Suite 800		Report To :	Rebecca Silva
Rancho Cordova , CA 95742		Reported :	11/23/2015

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STLC Metals by ICP-AES by EPA 6010B Analyte: Lead Analyst: RR

Laboratory ID	Client Sample ID	Result	Units	PQL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1503816-01	L31-B266-0'	**27**	mg/L	1.0	20	B5K0573	11/20/2015	11/20/15 11:04	
1503816-06	L31-B267-0'	**6.7**	mg/L	1.0	20	B5K0573	11/20/2015	11/20/15 11:06	
1503816-16	L31-B269-0'	**14**	mg/L	1.0	20	B5K0573	11/20/2015	11/20/15 11:12	
1503816-21	L31-B270-0'	**19**	mg/L	1.0	20	B5K0573	11/20/2015	11/20/15 11:15	
1503816-36	L31-B273-0'	**5.7**	mg/L	1.0	20	B5K0573	11/20/2015	11/20/15 11:17	
1503816-41	L37-B274-0'	**47**	mg/L	1.0	20	B5K0573	11/20/2015	11/20/15 11:19	
1503816-42	L37-B274-0.5'	**13**	mg/L	1.0	20	B5K0573	11/20/2015	11/20/15 11:22	
1503816-43	L37-B274-1'	**6.8**	mg/L	1.0	20	B5K0574	11/20/2015	11/20/15 10:38	
1503816-44	L37-B274-2'	**16**	mg/L	1.0	20	B5K0574	11/20/2015	11/20/15 10:41	
1503816-46	L37-B275-0'	**23**	mg/L	1.0	20	B5K0574	11/20/2015	11/20/15 11:18	
1503816-48	L37-B275-1'	**1.8**	mg/L	1.0	20	B5K0574	11/20/2015	11/20/15 11:22	
1503816-51	L37-B276-0'	**15**	mg/L	1.0	20	B5K0574	11/20/2015	11/20/15 11:26	
1503816-52	L37-B276-0.5'	**16**	mg/L	1.0	20	B5K0574	11/20/2015	11/20/15 11:30	
1503816-56	L37-B277-0'	**59**	mg/L	1.0	20	B5K0574	11/20/2015	11/20/15 11:34	
1503816-58	L37-B277-1'	**1.4**	mg/L	1.0	20	B5K0574	11/20/2015	11/20/15 11:38	
1503816-61	L37-B278-0'	**26**	mg/L	1.0	20	B5K0574	11/20/2015	11/20/15 11:42	
1503816-66	L37-B279-0'	**22**	mg/L	1.0	20	B5K0574	11/20/2015	11/20/15 11:46	
1503816-71	L37-B280-0'	**12**	mg/L	1.0	20	B5K0574	11/20/2015	11/20/15 12:09	
1503816-72	L37-B280-0.5'	**8.7**	mg/L	1.0	20	B5K0574	11/20/2015	11/20/15 12:13	
1503816-81	L41-B282-0'	**23**	mg/L	1.0	20	B5K0574	11/20/2015	11/20/15 12:17	
1503816-82	L41-B282-0.5'	**2.1**	mg/L	1.0	20	B5K0574	11/20/2015	11/20/15 12:21	
1503816-86	L41-B283-0'	**160**	mg/L	1.0	20	B5K0574	11/20/2015	11/20/15 12:25	
1503816-87	L41-B283-0.5'	**18**	mg/L	1.0	20	B5K0574	11/20/2015	11/20/15 12:29	
1503816-88	L41-B283-1'	**2.3**	mg/L	1.0	20	B5K0574	11/20/2015	11/20/15 12:33	
1503816-89	L41-B283-2'	**3.6**	mg/L	1.0	20	B5K0574	11/20/2015	11/20/15 12:37	
1503816-91	L41-B284-0'	**89**	mg/L	1.0	20	B5K0574	11/20/2015	11/20/15 12:41	
1503816-93	L41-B284-1'	**1.6**	mg/L	1.0	20	B5K0574	11/20/2015	11/20/15 12:52	

1503816-96	L41-B285-0'	**74**	mg/L	1.0	20	B5K0575	11/20/2015	11/20/15 12:34
1503816-97	L41-B285-0.5'	**10**	mg/L	1.0	20	B5K0575	11/20/2015	11/20/15 12:36
1503816-AB	L41-B286-0'	**15**	mg/L	1.0	20	B5K0575	11/20/2015	11/20/15 12:39
1503816-AG	L41-B287-0'	**64**	mg/L	1.0	20	B5K0575	11/20/2015	11/20/15 12:41
1503816-AH	L41-B287-0.5'	**2.3**	mg/L	1.0	20	B5K0575	11/20/2015	11/20/15 12:43
1503816-AL	L41-B288-0'	**20**	mg/L	1.0	20	B5K0575	11/20/2015	11/20/15 12:46
1503816-AM	L41-B288-0.5'	**ND**	mg/L	1.0	20	B5K0575	11/20/2015	11/20/15 12:48
1503816-AQ	L41-B289-0'	**12**	mg/L	1.0	20	B5K0575	11/20/2015	11/20/15 12:54
1503816-AV	L42-B290-0'	**21**	mg/L	1.0	20	B5K0575	11/20/2015	11/20/15 12:57
1503816-BA	L42-B291-0'	**120**	mg/L	1.0	20	B5K0575	11/20/2015	11/20/15 12:59
1503816-BB	L42-B291-0.5'	**2.5**	mg/L	1.0	20	B5K0575	11/20/2015	11/20/15 13:09
1503816-BD	L42-B291-2'	**4.4**	mg/L	1.0	20	B5K0575	11/20/2015	11/20/15 13:11
1503816-BF	L42-B292-0'	**110**	mg/L	1.0	20	B5K0575	11/20/2015	11/20/15 13:13
1503816-BK	L42-B293-0'	**25**	mg/L	1.0	20	B5K0575	11/20/2015	11/20/15 13:16
1503816-BP	L42-B294-0'	**86**	mg/L	1.0	20	B5K0575	11/20/2015	11/20/15 13:22
1503816-BU	L42-B295-0'	**20**	mg/L	1.0	20	B5K0575	11/20/2015	11/20/15 13:24
1503816-BZ	L42-B296-0'	**52**	mg/L	1.0	20	B5K0575	11/20/2015	11/20/15 13:27
1503816-CE	L42-B297-0'	**140**	mg/L	1.0	20	B5K0575	11/20/2015	11/20/15 13:29
1503816-CF	L42-B297-0.5'	**7.3**	mg/L	1.0	20	B5K0575	11/20/2015	11/20/15 13:32
1503816-CJ	L40-B298-0'	**6.8**	mg/L	1.0	20	B5K0575	11/20/2015	11/20/15 13:34
1503816-CO	L40-B299-0'	**ND**	mg/L	1.0	20	B5K0576	11/20/2015	11/20/15 13:16
1503816-CY	L40-B301-0'	**1.3**	mg/L	1.0	20	B5K0576	11/20/2015	11/20/15 13:21
1503816-DD	L40-B302-0'	**13**	mg/L	1.0	20	B5K0576	11/20/2015	11/20/15 13:24
1503816-DI	L40-B303-0'	**2.0**	mg/L	1.0	20	B5K0576	11/20/2015	11/20/15 13:29
1503816-DN	L40-B304-0'	**8.0**	mg/L	1.0	20	B5K0576	11/20/2015	11/20/15 13:40
1503816-DS	L40-B305-0'	**7.0**	mg/L	1.0	20	B5K0576	11/20/2015	11/20/15 13:44
1503816-DX	L38-HA306-0'	**50**	mg/L	1.0	20	B5K0576	11/20/2015	11/20/15 13:47
1503816-DY	L38-HA306-0.5'	**19**	mg/L	1.0	20	B5K0576	11/20/2015	11/20/15 13:55
1503816-DZ	L38-HA306-1'	**4.4**	mg/L	1.0	20	B5K0576	11/20/2015	11/20/15 14:00
1503816-EC	L38-HA307-0'	**57**	mg/L	1.0	20	B5K0576	11/20/2015	11/20/15 14:03

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1503816-ED	L38-HA307-0.5'	**2.0**	mg/L	1.0	20	B5K0576	11/20/2015	11/20/15 14:38
1503816-EE	L38-HA307-1'	**3.6**	mg/L	1.0	20	B5K0576	11/20/2015	11/20/15 14:42
1503816-EH	L38-HA308-0'	**30**	mg/L	1.0	20	B5K0576	11/20/2015	11/20/15 14:45
1503816-EI	L38-HA308-0.5'	**4.1**	mg/L	1.0	20	B5K0576	11/20/2015	11/20/15 14:50
1503816-EJ	L38-HA308-1'	**1.2**	mg/L	1.0	20	B5K0576	11/20/2015	11/20/15 14:54
1503816-EM	L38-HA309-0'	**51**	mg/L	1.0	20	B5K0576	11/20/2015	11/20/15 14:57
1503816-EN	L38-HA309-0.5'	**8.5**	mg/L	1.0	20	B5K0576	11/20/2015	11/20/15 15:02
1503816-EO	L38-HA309-1'	**ND**	mg/L	1.0	20	B5K0576	11/20/2015	11/20/15 15:06
1503816-ER	L38-HA310-0'	**6.8**	mg/L	1.0	20	B5K0576	11/20/2015	11/20/15 15:10
1503816-EW	L38-HA311-0'	**9.2**	mg/L	1.0	20	B5K0576	11/20/2015	11/20/15 15:14
1503816-EX	L38-HA311-0.5'	**9.5**	mg/L	1.0	20	B5K0577	11/20/2015	11/20/15 14:08
1503816-FB	L38-HA312-0'	**1.7**	mg/L	1.0	20	B5K0577	11/20/2015	11/20/15 14:10
1503816-FC	L38-HA312-0.5'	**9.0**	mg/L	1.0	20	B5K0577	11/20/2015	11/20/15 14:13
1503816-FG	L38-HA313-0'	**14**	mg/L	1.0	20	B5K0577	11/20/2015	11/20/15 14:15
1503816-FL	L36-HA314-0'	**52**	mg/L	1.0	20	B5K0577	11/20/2015	11/20/15 14:17
1503816-FM	L36-HA314-0.5'	**76**	mg/L	1.0	20	B5K0577	11/20/2015	11/20/15 14:20
1503816-FN	L36-HA314-1'	**2.8**	mg/L	1.0	20	B5K0577	11/20/2015	11/20/15 14:22
1503816-FQ	L36-HA315-0'	**26**	mg/L	1.0	20	B5K0577	11/20/2015	11/20/15 14:28
1503816-FV	L36-HA316-0'	**21**	mg/L	1.0	20	B5K0577	11/20/2015	11/20/15 14:31
1503816-FW	L36-HA316-0.5'	**1.8**	mg/L	1.0	20	B5K0577	11/20/2015	11/20/15 14:33
1503816-GA	L36-HA317-0'	**21**	mg/L	1.0	20	B5K0577	11/20/2015	11/20/15 14:42
1503816-GB	L36-HA317-0.5'	**1.5**	mg/L	1.0	20	B5K0577	11/20/2015	11/20/15 14:45
1503816-GD	L36-HA317-2'	**1.2**	mg/L	1.0	20	B5K0577	11/20/2015	11/20/15 14:47
1503816-GF	L36-HA318-0'	**27**	mg/L	1.0	20	B5K0577	11/20/2015	11/20/15 14:49
1503816-GG	L36-HA318-0.5'	**17**	mg/L	1.0	20	B5K0577	11/20/2015	11/20/15 14:55
1503816-GH	L36-HA318-1'	**2.5**	mg/L	1.0	20	B5K0577	11/20/2015	11/20/15 14:58
1503816-GK	L36-HA319-0'	**28**	mg/L	1.0	20	B5K0577	11/20/2015	11/20/15 15:00
1503816-GL	L36-HA319-0.5'	**2.4**	mg/L	1.0	20	B5K0577	11/20/2015	11/20/15 15:03
1503816-GP	L36-HA320-0'	**21**	mg/L	1.0	20	B5K0577	11/20/2015	11/20/15 15:05
1503816-GQ	L36-HA320-0.5'	**2.9**	mg/L	1.0	20	B5K0577	11/20/2015	11/20/15 15:07

1503816-GU	L36-HA321-0'	**26**	mg/L	1.0	20	B5K0578	11/20/2015	11/20/15 15:25
1503816-GV	L36-HA321-0.5'	**2.5**	mg/L	1.0	20	B5K0578	11/20/2015	11/20/15 15:27
1503816-GW	L36-HA321-1'	**2.4**	mg/L	1.0	20	B5K0578	11/20/2015	11/20/15 15:30
1503816-GZ	L43-HA322-0'	**20**	mg/L	1.0	20	B5K0578	11/20/2015	11/20/15 15:32
1503816-HA	L43-HA322-0.5'	**70**	mg/L	1.0	20	B5K0578	11/20/2015	11/20/15 15:34
1503816-HB	L43-HA322-1'	**100**	mg/L	1.0	20	B5K0578	11/20/2015	11/20/15 15:37
1503816-HC	L43-HA322-2'	**58**	mg/L	1.0	20	B5K0578	11/20/2015	11/20/15 15:39
1503816-HE	L43-HA323-0'	**33**	mg/L	1.0	20	B5K0578	11/20/2015	11/20/15 15:42
1503816-HF	L43-HA323-0.5'	**1.2**	mg/L	1.0	20	B5K0578	11/20/2015	11/20/15 15:44
1503816-HG	L43-HA323-1'	**1.2**	mg/L	1.0	20	B5K0578	11/20/2015	11/20/15 15:50
1503816-HH	L43-HA323-2'	**5.9**	mg/L	1.0	20	B5K0578	11/20/2015	11/20/15 16:00
1503816-HJ	L43-HA324-0'	**72**	mg/L	1.0	20	B5K0578	11/20/2015	11/20/15 16:02
1503816-HK	L43-HA324-0.5'	**18**	mg/L	1.0	20	B5K0578	11/20/2015	11/20/15 16:04
1503816-HL	L43-HA324-1'	**11**	mg/L	1.0	20	B5K0578	11/20/2015	11/20/15 16:07
1503816-HO	L43-HA325-0'	**14**	mg/L	1.0	20	B5K0578	11/20/2015	11/20/15 16:09
1503816-HP	L43-HA325-0.5'	**2.7**	mg/L	1.0	20	B5K0578	11/20/2015	11/20/15 16:11
1503816-HT	L43-HA326-0'	**42**	mg/L	1.0	20	B5K0578	11/20/2015	11/20/15 16:18
1503816-HU	L43-HA326-0.5'	**2.6**	mg/L	1.0	20	B5K0578	11/20/2015	11/20/15 16:20
1503816-HW	L43-HA326-2'	**1.8**	mg/L	1.0	20	B5K0578	11/20/2015	11/20/15 16:22
1503816-HY	L43-HA327-0'	**13**	mg/L	1.0	20	B5K0578	11/20/2015	11/20/15 16:25
1503816-HZ	L43-HA327-0.5'	**3.7**	mg/L	1.0	20	B5K0579	11/20/2015	11/20/15 15:59
1503816-ID	L43-HA328-0'	**15**	mg/L	1.0	20	B5K0579	11/20/2015	11/20/15 16:03
1503816-II	L43-HA329-0'	**ND**	mg/L	1.0	20	B5K0579	11/20/2015	11/20/15 16:07
1503816-IJ	L43-HA329-0.5'	**1.3**	mg/L	1.0	20	B5K0579	11/20/2015	11/20/15 16:11
1503816-IK	L43-HA329-1'	**ND**	mg/L	1.0	20	B5K0579	11/20/2015	11/20/15 16:15
1503816-IN	L39-B330-0'	**22**	mg/L	1.0	20	B5K0579	11/20/2015	11/20/15 16:19
1503816-IS	L39-B331-0'	**6.8**	mg/L	1.0	20	B5K0579	11/20/2015	11/20/15 16:23
1503816-IX	L39-B332-0'	**8.7**	mg/L	1.0	20	B5K0579	11/20/2015	11/20/15 16:35
1503816-JI	L39-B334-0.5'	**1.5**	mg/L	1.0	20	B5K0579	11/20/2015	11/20/15 16:39
1503816-KB	L29-B338-0'	**28**	mg/L	1.0	20	B5K0579	11/20/2015	11/20/15 16:42

Certificate of Analysis

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1503816-KC	L29-B338-0.5'	**13**	mg/L	1.0	20	B5K0579	11/20/2015	11/20/15 16:58
1503816-KD	L29-B338-1'	**5.5**	mg/L	1.0	20	B5K0579	11/20/2015	11/20/15 17:03
1503816-KG	L29-B339-0'	**6.2**	mg/L	1.0	20	B5K0579	11/20/2015	11/20/15 17:07
1503816-KH	L29-B339-0.5'	**6.4**	mg/L	1.0	20	B5K0579	11/20/2015	11/20/15 17:11
1503816-KJ	L29-B339-2'	**ND**	mg/L	1.0	20	B5K0579	11/20/2015	11/20/15 17:22
1503816-KQ	L29-B341-0'	**8.8**	mg/L	1.0	20	B5K0579	11/20/2015	11/20/15 17:26
1503816-KV	L29-B342-0'	**1.8**	mg/L	1.0	20	B5K0579	11/20/2015	11/20/15 17:30
1503816-LF	L29-B344-0'	**6.3**	mg/L	1.0	20	B5K0579	11/20/2015	11/20/15 17:34
1503816-LK	L29-B345-0'	**7.0**	mg/L	1.0	20	B5K0579	11/20/2015	11/20/15 17:38
1503816-LL	L29-B345-0.5'	**2.3**	mg/L	1.0	20	B5K0579	11/20/2015	11/20/15 17:42

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QUALITY CONTROL SECTION

STLC Metals by ICP-AES by EPA 6010B - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5K0573 - STLC_S Extraction									
Blank (B5K0573-BLK1)					Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	ND	1.0			NR				
Blank (B5K0573-BLK2)					Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	ND	1.0			NR				
LCS (B5K0573-BS1)					Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	1.88664		2.00000		94.3	80 - 120			
Duplicate (B5K0573-DUP1)		**Source: 1503814-BS**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	2.19568	1.0		2.18231	NR		0.611	20	
Duplicate (B5K0573-DUP2)		**Source: 1503883-11**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	8.64706	1.0		8.60137	NR		0.530	20	
Matrix Spike (B5K0573-MS1)		**Source: 1503814-BS**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	4.44927		2.50000	2.18231	90.7	44 - 130			
Matrix Spike (B5K0573-MS2)		**Source: 1503883-11**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	10.5094		2.50000	8.60137	76.3	44 - 130			
Matrix Spike Dup (B5K0573-MSD1)		**Source: 1503814-BS**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	4.60055		2.50000	2.18231	96.7	44 - 130	3.34	20	

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STLC Metals by ICP-AES by EPA 6010B - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5K0574 - STLC_S Extraction									
Blank (B5K0574-BLK1)					Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	ND	1.0			NR				
Blank (B5K0574-BLK2)					Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	ND	1.0			NR				
LCS (B5K0574-BS1)					Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	1.92133		2.00000		96.1	80 - 120			
Duplicate (B5K0574-DUP1)		**Source: 1503816-66**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	22.0413	1.0		22.1198	NR		0.356	20	
Duplicate (B5K0574-DUP2)		**Source: 1503816-93**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	1.56871	1.0		1.60046	NR		2.00	20	
Matrix Spike (B5K0574-MS1)		**Source: 1503816-66**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	23.8117		2.50000	22.1198	67.7	44 - 130			
Matrix Spike (B5K0574-MS2)		**Source: 1503816-93**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	3.90000		2.50000	1.60046	92.0	44 - 130			
Matrix Spike Dup (B5K0574-MSD1)		**Source: 1503816-66**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	23.7054		2.50000	22.1198	63.4	44 - 130	0.448	20	

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STLC Metals by ICP-AES by EPA 6010B - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5K0575 - STLC_S Extraction									
Blank (B5K0575-BLK1)					Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	ND	1.0			NR				
Blank (B5K0575-BLK2)					Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	ND	1.0			NR				
LCS (B5K0575-BS1)					Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	1.83042		2.00000		91.5	80 - 120			
Duplicate (B5K0575-DUP1)		**Source: 1503816-BA**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	129.140	1.0		118.361	NR		8.71	20	
Duplicate (B5K0575-DUP2)		**Source: 1503816-CJ**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	6.72382	1.0		6.80231	NR		1.16	20	
Matrix Spike (B5K0575-MS1)		**Source: 1503816-BA**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	121.777		2.50000	118.361	137	44 - 130			M1
Matrix Spike (B5K0575-MS2)		**Source: 1503816-CJ**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	9.01274		2.50000	6.80231	88.4	44 - 130			
Matrix Spike Dup (B5K0575-MSD1)		**Source: 1503816-BA**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	130.700		2.50000	118.361	494	44 - 130	7.07	20	M1

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STLC Metals by ICP-AES by EPA 6010B - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5K0576 - STLC_S Extraction									
Blank (B5K0576-BLK1)					Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	ND	1.0			NR				
Blank (B5K0576-BLK2)					Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	ND	1.0			NR				
LCS (B5K0576-BS1)					Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	1.97228		2.00000		98.6	80 - 120			
Duplicate (B5K0576-DUP1)		**Source: 1503816-EC**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	64.0060	1.0		56.5660	NR		12.3	20	
Duplicate (B5K0576-DUP2)		**Source: 1503816-EW**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	9.24691	1.0		9.18503	NR		0.671	20	
Matrix Spike (B5K0576-MS1)		**Source: 1503816-EC**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	57.2684		2.50000	56.5660	28.1	44 - 130			M1
Matrix Spike (B5K0576-MS2)		**Source: 1503816-EW**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	11.4891		2.50000	9.18503	92.2	44 - 130			
Matrix Spike Dup (B5K0576-MSD1)		**Source: 1503816-EC**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	57.2388		2.50000	56.5660	26.9	44 - 130	0.0518	20	M1

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STLC Metals by ICP-AES by EPA 6010B - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5K0577 - STLC_S Extraction									
Blank (B5K0577-BLK1)					Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	ND	1.0			NR				
Blank (B5K0577-BLK2)					Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	ND	1.0			NR				
LCS (B5K0577-BS1)					Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	1.91303		2.00000		95.7	80 - 120			
Duplicate (B5K0577-DUP1)		**Source: 1503816-FW**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	1.69281	1.0		1.81416	NR		6.92	20	
Duplicate (B5K0577-DUP2)		**Source: 1503816-GQ**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	2.88196	1.0		2.91887	NR		1.27	20	
Matrix Spike (B5K0577-MS1)		**Source: 1503816-FW**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	3.90293		2.50000	1.81416	83.6	44 - 130			
Matrix Spike (B5K0577-MS2)		**Source: 1503816-GQ**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	5.22889		2.50000	2.91887	92.4	44 - 130			
Matrix Spike Dup (B5K0577-MSD1)		**Source: 1503816-FW**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	3.97842		2.50000	1.81416	86.6	44 - 130	1.92	20	

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STLC Metals by ICP-AES by EPA 6010B - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5K0578 - STLC_S Extraction									
Blank (B5K0578-BLK1)					Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	ND	1.0			NR				
Blank (B5K0578-BLK2)					Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	ND	1.0			NR				
LCS (B5K0578-BS1)					Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	1.77598		2.00000		88.8	80 - 120			
Duplicate (B5K0578-DUP1)		**Source: 1503816-HG**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	1.23114	1.0		1.24437	NR		1.07	20	
Duplicate (B5K0578-DUP2)		**Source: 1503816-HY**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	12.8323	1.0		12.8686	NR		0.283	20	
Matrix Spike (B5K0578-MS1)		**Source: 1503816-HG**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	3.52975		2.50000	1.24437	91.4	44 - 130			
Matrix Spike (B5K0578-MS2)		**Source: 1503816-HY**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	15.1641		2.50000	12.8686	91.8	44 - 130			
Matrix Spike Dup (B5K0578-MSD1)		**Source: 1503816-HG**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	3.56605		2.50000	1.24437	92.9	44 - 130	1.02	20	

Certificate of Analysis

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STLC Metals by ICP-AES by EPA 6010B - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B5K0579 - STLC_S Extraction									
Blank (B5K0579-BLK1)					Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	ND	1.0			NR				
Blank (B5K0579-BLK2)					Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	ND	1.0			NR				
LCS (B5K0579-BS1)					Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	1.89704		2.00000		94.9	80 - 120			
Duplicate (B5K0579-DUP1)		**Source: 1503816-KB**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	28.2848	1.0		28.2239	NR		0.216	20	
Duplicate (B5K0579-DUP2)		**Source: 1503816-LL**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	2.27364	1.0		2.25751	NR		0.712	20	
Matrix Spike (B5K0579-MS1)		**Source: 1503816-KB**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	29.2735		2.50000	28.2239	42.0	44 - 130			M1
Matrix Spike (B5K0579-MS2)		**Source: 1503816-LL**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	4.61134		2.50000	2.25751	94.2	44 - 130			
Matrix Spike Dup (B5K0579-MSD1)		**Source: 1503816-KB**			Prepared: 11/20/2015 Analyzed: 11/20/2015				
Lead	29.4253		2.50000	28.2239	48.1	44 - 130	0.517	20	

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Notes and Definitions

M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
ND	Analyte is not detected at or above the Practical Quantitation Limit (PQL). When client requests quantitation against MDL, analyte is not detected at or above the Method Detection Limit (MDL)
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)
TX1	TX-NELAP (TCEQ)

Notes:
(1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.
(2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.
(3) Results are wet unless otherwise specified.

Diane Galvan

From: Rebecca Silva [silva@geoconinc.com]
Sent: Monday, November 16, 2015 8:15 AM
To: Diane Galvan
Subject: RE: Results/EDD/Invoice - SAC 50/99 Gore Points (1503816)

Hi Diane – Please analyze samples with total lead >50 mg/kg for WET lead on 5-day TAT. Thanks!

APPENDIX B

Project Name:	**Highway 99 Gore Points**
Geocon Project No.:	**S9805-01-58**
Sample Location:	**Location 26**

Lead - 0.0 to 0.5 ft

Total Number of Observations	6	Number of Distinct Observations	6
		Number of Missing Observations	0
Minimum	12	Mean	38.8
Maximum	67	Median	34.5
SD	21.9	Std. Error of Mean	8.942
Coefficient of Variation	0.564	Skewness	0.301
Mean of logged data	3.501	SD of logged data	0.649
		90% Standard Bootstrap UCL	**49.4**
		95% Standard Bootstrap UCL	**52.4**

Lead - 0.5 to 1.0 ft

Total Number of Observations	6	Number of Distinct Observations	5
		Number of Missing Observations	0
Minimum	8.8	Mean	41.8
Maximum	75	Median	39.5
SD	24.45	Std. Error of Mean	9.98
Coefficient of Variation	0.585	Skewness	0.0454
Mean of logged data	3.53	SD of logged data	0.777
		90% Standard Bootstrap UCL	**53.5**
		95% Standard Bootstrap UCL	**56.9**

Lead - 1.0 to 1.5 ft

Total Number of Observations	6	Number of Distinct Observations	6
		Number of Missing Observations	0
Minimum	6.4	Mean	27.1
Maximum	59	Median	22
SD	21.26	Std. Error of Mean	8.678
Coefficient of Variation	0.786	Skewness	0.663
Mean of logged data	2.985	SD of logged data	0.911
		90% Standard Bootstrap UCL	**37.1**
		95% Standard Bootstrap UCL	**40.3**

Project Name:	**Highway 99 Gore Points**
Geocon Project No.:	**S9805-01-58**
Sample Location:	**Location 27**

Lead - 0.0 to 0.5 ft

Total Number of Observations	6	Number of Distinct Observations	5
		Number of Missing Observations	0
Minimum	27	Mean	64.5
Maximum	94	Median	72
SD	30.72	Std. Error of Mean	12.54
Coefficient of Variation	0.476	Skewness	-0.479
Mean of logged data	4.043	SD of logged data	0.582
		90% Standard Bootstrap UCL	**79.2**
		95% Standard Bootstrap UCL	**83.2**

Lead - 0.5 to 1.0 ft

Total Number of Observations	6	Number of Distinct Observations	6
		Number of Missing Observations	0
Minimum	7.6	Mean	11.2
Maximum	20	Median	9.75
SD	4.473	Std. Error of Mean	1.826
Coefficient of Variation	0.401	Skewness	2.098
Mean of logged data	2.36	SD of logged data	0.335
		90% Standard Bootstrap UCL	**13.3**
		95% Standard Bootstrap UCL	**13.9**

Lead - 1.0 to 1.5 ft

Total Number of Observations	6	Number of Distinct Observations	5
		Number of Missing Observations	0
Minimum	6.9	Mean	8.3
Maximum	12	Median	7.65
SD	1.884	Std. Error of Mean	0.769
Coefficient of Variation	0.227	Skewness	2.06
Mean of logged data	2.098	SD of logged data	0.201
		90% Standard Bootstrap UCL	**9.2**
		95% Standard Bootstrap UCL	**9.5**

Project Name:	**Highway 99 Gore Points**
Geocon Project No.:	**S9805-01-58**
Sample Location:	**Location 28**

Lead - 0.0 to 0.5 ft

Total Number of Observations	6	Number of Distinct Observations	5
		Number of Missing Observations	0
Minimum	36	Mean	65.7
Maximum	100	Median	60.5
SD	30.31	Std. Error of Mean	12.37
Coefficient of Variation	0.462	Skewness	0.254
Mean of logged data	4.09	SD of logged data	0.481
		90% Standard Bootstrap UCL	**80.0**
		95% Standard Bootstrap UCL	**83.9**

Lead - 0.5 to 1.0 ft

Total Number of Observations	6	Number of Distinct Observations	6
		Number of Missing Observations	0
Minimum	6.9	Mean	11.1
Maximum	20	Median	8.85
SD	5.257	Std. Error of Mean	2.146
Coefficient of Variation	0.473	Skewness	1.232
Mean of logged data	2.326	SD of logged data	0.43
		90% Standard Bootstrap UCL	**13.6**
		95% Standard Bootstrap UCL	**14.4**

Lead - 1.0 to 1.5 ft

Total Number of Observations	6	Number of Distinct Observations	5
		Number of Missing Observations	0
Minimum	7	Mean	8.7
Maximum	11	Median	8.25
SD	1.402	Std. Error of Mean	0.573
Coefficient of Variation	0.161	Skewness	0.757
Mean of logged data	2.157	SD of logged data	0.157
		90% Standard Bootstrap UCL	**9.4**
		95% Standard Bootstrap UCL	**9.6**

Project Name:	**Highway 99 Gore Points**
Geocon Project No.:	**S9805-01-58**
Sample Location:	**Location 29**

Lead - 0.0 to 0.5 ft

Total Number of Observations	14	Number of Distinct Observations	13
		Number of Missing Observations	0
Minimum	26	Mean	193.8
Maximum	570	Median	160
SD	162	Std. Error of Mean	43.3
Coefficient of Variation	0.836	Skewness	1.14
Mean of logged data	4.861	SD of logged data	1.034
		90% Standard Bootstrap UCL	**248.0**
		95% Standard Bootstrap UCL	**261.8**

Lead - 0.5 to 1.0 ft

Total Number of Observations	14	Number of Distinct Observations	14
		Number of Missing Observations	0
Minimum	7.2	Mean	44.0
Maximum	200	Median	19.5
SD	53.75	Std. Error of Mean	14.37
Coefficient of Variation	1.222	Skewness	2.151
Mean of logged data	3.21	SD of logged data	1.085
		90% Standard Bootstrap UCL	**61.4**
		95% Standard Bootstrap UCL	**66.8**

Lead - 1.0 to 1.5 ft

Total Number of Observations	14	Number of Distinct Observations	13
		Number of Missing Observations	0
Minimum	6.4	Mean	20.7
Maximum	120	Median	10.35
SD	29.62	Std. Error of Mean	7.916
Coefficient of Variation	1.433	Skewness	3.327
Mean of logged data	2.587	SD of logged data	0.824
		90% Standard Bootstrap UCL	**30.4**
		95% Standard Bootstrap UCL	**32.8**

Lead - 2.0 to 3.0 ft

Total Number of Observations	8	Number of Distinct Observations	8
		Number of Missing Observations	0
Minimum	5.5	Mean	23.6
Maximum	99	Median	7.85
SD	33.34	Std. Error of Mean	11.79
Coefficient of Variation	1.411	Skewness	2.124
Mean of logged data	2.54	SD of logged data	1.06

Project Name:	**Highway 99 Gore Points**
Geocon Project No.:	**S9805-01-58**

90% Standard Bootstrap UCL	**38.2**
95% Standard Bootstrap UCL	**41.9**

Project Name:	**Highway 99 Gore Points**
Geocon Project No.:	**S9805-01-58**
Sample Location:	**Location 30**

Lead - 0.0 to 0.5 ft

Total Number of Observations	6	Number of Distinct Observations	6
		Number of Missing Observations	0
Minimum	9.3	Mean	41.9
Maximum	120	Median	30.5
SD	40.57	Std. Error of Mean	16.56
Coefficient of Variation	0.969	Skewness	1.875
Mean of logged data	3.39	SD of logged data	0.903
		90% Standard Bootstrap UCL	**61.2**
		95% Standard Bootstrap UCL	**66.7**

Lead - 0.5 to 1.0 ft

Total Number of Observations	6	Number of Distinct Observations	6
		Number of Missing Observations	0
Minimum	9.6	Mean	23.3
Maximum	41	Median	22.5
SD	11.21	Std. Error of Mean	4.576
Coefficient of Variation	0.482	Skewness	0.552
Mean of logged data	3.042	SD of logged data	0.516
		90% Standard Bootstrap UCL	**28.6**
		95% Standard Bootstrap UCL	**30.0**

Lead - 1.0 to 1.5 ft

Total Number of Observations	6	Number of Distinct Observations	6
		Number of Missing Observations	0
Minimum	6.4	Mean	21.6
Maximum	32	Median	22
SD	9.479	Std. Error of Mean	3.87
Coefficient of Variation	0.44	Skewness	-0.643
Mean of logged data	2.953	SD of logged data	0.592
		90% Standard Bootstrap UCL	**26.1**
		95% Standard Bootstrap UCL	**27.5**

Project Name:	**Highway 99 Gore Points**
Geocon Project No.:	**S9805-01-58**
Sample Location:	**Location 31**

Lead - 0.0 to 0.5 ft

Total Number of Observations	14	Number of Distinct Observations	14
		Number of Missing Observations	0
Minimum	8.3	Mean	220.9
Maximum	570	Median	160
SD	203.1	Std. Error of Mean	54.29
Coefficient of Variation	0.92	Skewness	0.742
Mean of logged data	4.764	SD of logged data	1.389
		90% Standard Bootstrap UCL	**288.2**
		95% Standard Bootstrap UCL	**307.4**

Lead - 0.5 to 1.0 ft

Total Number of Observations	14	Number of Distinct Observations	13
		Number of Missing Observations	0
Minimum	4.6	Mean	13.3
Maximum	48	Median	9.6
SD	11.37	Std. Error of Mean	3.04
Coefficient of Variation	0.852	Skewness	2.54
Mean of logged data	2.377	SD of logged data	0.617
		90% Standard Bootstrap UCL	**17.1**
		95% Standard Bootstrap UCL	**18.2**

Lead - 1.0 to 1.5 ft

Total Number of Observations	14	Number of Distinct Observations	14
		Number of Missing Observations	0
Minimum	3.1	Mean	7.4
Maximum	25	Median	5.85
SD	5.384	Std. Error of Mean	1.439
Coefficient of Variation	0.727	Skewness	3.067
Mean of logged data	1.863	SD of logged data	0.485
		90% Standard Bootstrap UCL	**9.2**
		95% Standard Bootstrap UCL	**9.7**

Lead - 2.0 to 3.0 ft

Total Number of Observations	8	Number of Distinct Observations	8
		Number of Missing Observations	0
Minimum	4.1	Mean	6.3
Maximum	9.4	Median	6.15
SD	1.822	Std. Error of Mean	0.644
Coefficient of Variation	0.29	Skewness	0.42
Mean of logged data	1.801	SD of logged data	0.293

Project Name:	**Highway 99 Gore Points**
Geocon Project No.:	**S9805-01-58**

90% Standard Bootstrap UCL	**7.1**
95% Standard Bootstrap UCL	**7.3**

Project Name:	**Highway 99 Gore Points**
Geocon Project No.:	**S9805-01-58**
Sample Location:	**Location 32**

Lead - 0.0 to 0.5 ft

Total Number of Observations	6	Number of Distinct Observations	6
		Number of Missing Observations	0
Minimum	13	Mean	66.8
Maximum	180	Median	37
SD	65.17	Std. Error of Mean	26.6
Coefficient of Variation	0.975	Skewness	1.342
Mean of logged data	3.807	SD of logged data	0.978
		90% Standard Bootstrap UCL	**97.4**
		95% Standard Bootstrap UCL	**106.3**

Lead - 0.5 to 1.0 ft

Total Number of Observations	6	Number of Distinct Observations	6
		Number of Missing Observations	0
Minimum	4.6	Mean	6.4
Maximum	8.1	Median	6.5
SD	1.303	Std. Error of Mean	0.532
Coefficient of Variation	0.205	Skewness	-0.0998
Mean of logged data	1.833	SD of logged data	0.211
		90% Standard Bootstrap UCL	**7.0**
		95% Standard Bootstrap UCL	**7.2**

Lead - 1.0 to 1.5 ft

Total Number of Observations	6	Number of Distinct Observations	6
		Number of Missing Observations	0
Minimum	5.1	Mean	6.6
Maximum	8.3	Median	6.5
SD	1.193	Std. Error of Mean	0.487
Coefficient of Variation	0.18	Skewness	0.215
Mean of logged data	1.879	SD of logged data	0.181
		90% Standard Bootstrap UCL	**7.2**
		95% Standard Bootstrap UCL	**7.4**

Project Name:	**Highway 99 Gore Points**
Geocon Project No.:	**S9805-01-58**
Sample Location:	**Location 33**

Lead - 0.0 to 0.5 ft

Total Number of Observations	6	Number of Distinct Observations	6
		Number of Missing Observations	0
Minimum	13	Mean	24.0
Maximum	39	Median	23
SD	8.967	Std. Error of Mean	3.661
Coefficient of Variation	0.374	Skewness	0.784
Mean of logged data	3.12	SD of logged data	0.376
		90% Standard Bootstrap UCL	**28.3**
		95% Standard Bootstrap UCL	**29.3**

Lead - 0.5 to 1.0 ft

Total Number of Observations	6	Number of Distinct Observations	4
		Number of Missing Observations	0
Minimum	7.3	Mean	23.7
Maximum	60	Median	16
SD	18.84	Std. Error of Mean	7.693
Coefficient of Variation	0.795	Skewness	1.883
Mean of logged data	2.949	SD of logged data	0.7
		90% Standard Bootstrap UCL	**N/A**
		95% Standard Bootstrap UCL	**N/A**

Lead - 1.0 to 1.5 ft

Total Number of Observations	6	Number of Distinct Observations	5
		Number of Missing Observations	0
Minimum	4.3	Mean	14.4
Maximum	27	Median	14.2
SD	10.39	Std. Error of Mean	4.244
Coefficient of Variation	0.724	Skewness	0.111
Mean of logged data	2.379	SD of logged data	0.87
		90% Standard Bootstrap UCL	**19.3**
		95% Standard Bootstrap UCL	**20.6**

Project Name:	**Highway 99 Gore Points**
Geocon Project No.:	**S9805-01-58**
Sample Location:	**Location 34**

Lead - 0.0 to 0.5 ft

Total Number of Observations	6	Number of Distinct Observations	6
		Number of Missing Observations	0
Minimum	24	Mean	73.7
Maximum	120	Median	83
SD	36.76	Std. Error of Mean	15.01
Coefficient of Variation	0.499	Skewness	-0.376
Mean of logged data	4.158	SD of logged data	0.631
		90% Standard Bootstrap UCL	**91.2**
		95% Standard Bootstrap UCL	**96.4**

Lead - 0.5 to 1.0 ft

Total Number of Observations	6	Number of Distinct Observations	6
		Number of Missing Observations	0
Minimum	7.3	Mean	40.6
Maximum	180	Median	11.8
SD	68.6	Std. Error of Mean	28.01
Coefficient of Variation	1.692	Skewness	2.404
Mean of logged data	2.891	SD of logged data	1.213
		90% Standard Bootstrap UCL	**73.1**
		95% Standard Bootstrap UCL	**81.6**

Lead - 1.0 to 1.5 ft

Total Number of Observations	6	Number of Distinct Observations	6
		Number of Missing Observations	0
Minimum	4.5	Mean	7.1
Maximum	9.2	Median	7.35
SD	1.977	Std. Error of Mean	0.807
Coefficient of Variation	0.28	Skewness	-0.324
Mean of logged data	1.917	SD of logged data	0.3
		90% Standard Bootstrap UCL	**8.0**
		95% Standard Bootstrap UCL	**8.3**

Project Name:	**Highway 99 Gore Points**
Geocon Project No.:	**S9805-01-58**
Sample Location:	**Location 35**

Lead - 0.0 to 0.5 ft

Total Number of Observations	6	Number of Distinct Observations	6
		Number of Missing Observations	0
Minimum	15	Mean	83.0
Maximum	170	Median	80
SD	54.02	Std. Error of Mean	22.05
Coefficient of Variation	0.651	Skewness	0.57
Mean of logged data	4.178	SD of logged data	0.85
		90% Standard Bootstrap UCL	**108.7**
		95% Standard Bootstrap UCL	**116.2**

Lead - 0.5 to 1.0 ft

Total Number of Observations	6	Number of Distinct Observations	6
		Number of Missing Observations	0
Minimum	5.5	Mean	11.0
Maximum	30	Median	6.85
SD	9.495	Std. Error of Mean	3.876
Coefficient of Variation	0.861	Skewness	2.236
Mean of logged data	2.191	SD of logged data	0.64
		90% Standard Bootstrap UCL	**15.6**
		95% Standard Bootstrap UCL	**16.9**

Lead - 1.0 to 1.5 ft

Total Number of Observations	6	Number of Distinct Observations	6
		Number of Missing Observations	0
Minimum	4.4	Mean	6.4
Maximum	8.3	Median	6.35
SD	1.322	Std. Error of Mean	0.54
Coefficient of Variation	0.208	Skewness	-0.0427
Mean of logged data	1.832	SD of logged data	0.216
		90% Standard Bootstrap UCL	**7.0**
		95% Standard Bootstrap UCL	**7.2**

Project Name:	**Highway 99 Gore Points**
Geocon Project No.:	**S9805-01-58**
Sample Location:	**Location 36**

Lead - 0.0 to 0.5 ft

Total Number of Observations	14	Number of Distinct Observations	12
		Number of Missing Observations	0
Minimum	560	Mean	715.0
Maximum	1100	Median	685
SD	145.4	Std. Error of Mean	38.87
Coefficient of Variation	0.203	Skewness	1.567
Mean of logged data	6.555	SD of logged data	0.186
		90% Standard Bootstrap UCL	**764.5**
		95% Standard Bootstrap UCL	**774.8**

Lead - 0.5 to 1.0 ft

Total Number of Observations	14	Number of Distinct Observations	14
		Number of Missing Observations	0
Minimum	18	Mean	312.9
Maximum	1600	Median	205
SD	402.5	Std. Error of Mean	107.6
Coefficient of Variation	1.286	Skewness	2.818
Mean of logged data	5.163	SD of logged data	1.155
		90% Standard Bootstrap UCL	**447.8**
		95% Standard Bootstrap UCL	**487.6**

Lead - 1.0 to 1.5 ft

Total Number of Observations	14	Number of Distinct Observations	13
		Number of Missing Observations	0
Minimum	15	Mean	120.1
Maximum	340	Median	69.5
SD	116	Std. Error of Mean	30.99
Coefficient of Variation	0.965	Skewness	1.037
Mean of logged data	4.302	SD of logged data	1.071
		90% Standard Bootstrap UCL	**158.4**
		95% Standard Bootstrap UCL	**168.4**

Lead - 2.0 to 3.0 ft

Total Number of Observations	8	Number of Distinct Observations	7
		Number of Missing Observations	0
Minimum	7.8	Mean	18.5
Maximum	58	Median	12
SD	16.44	Std. Error of Mean	5.813
Coefficient of Variation	0.89	Skewness	2.527
Mean of logged data	2.702	SD of logged data	0.623

Project Name:	**Highway 99 Gore Points**
Geocon Project No.:	**S9805-01-58**

90% Standard Bootstrap UCL	**25.4**
95% Standard Bootstrap UCL	**27.6**

Project Name:	**Highway 99 Gore Points**
Geocon Project No.:	**S9805-01-58**
Sample Location:	**Location 37**

Lead - 0.0 to 0.5 ft

Total Number of Observations	14	Number of Distinct Observations	13
		Number of Missing Observations	0
Minimum	22	Mean	323.4
Maximum	910	Median	275
SD	253.9	Std. Error of Mean	67.87
Coefficient of Variation	0.785	Skewness	1.127
Mean of logged data	5.41	SD of logged data	1.022
		90% Standard Bootstrap UCL	**408.4**
		95% Standard Bootstrap UCL	**429.6**

Lead - 0.5 to 1.0 ft

Total Number of Observations	14	Number of Distinct Observations	13
		Number of Missing Observations	0
Minimum	6.1	Mean	99.6
Maximum	390	Median	22.5
SD	140.2	Std. Error of Mean	37.47
Coefficient of Variation	1.408	Skewness	1.437
Mean of logged data	3.577	SD of logged data	1.502
		90% Standard Bootstrap UCL	**144.9**
		95% Standard Bootstrap UCL	**156.1**

Lead - 1.0 to 1.5 ft

Total Number of Observations	14	Number of Distinct Observations	13
		Number of Missing Observations	0
Minimum	5.2	Mean	44.4
Maximum	190	Median	10.95
SD	59.58	Std. Error of Mean	15.92
Coefficient of Variation	1.341	Skewness	1.491
Mean of logged data	2.944	SD of logged data	1.322
		90% Standard Bootstrap UCL	**63.6**
		95% Standard Bootstrap UCL	**69.1**

Lead - 2.0 to 3.0 ft

Total Number of Observations	8	Number of Distinct Observations	8
		Number of Missing Observations	0
Minimum	5.1	Mean	50.9
Maximum	360	Median	7.05
SD	124.9	Std. Error of Mean	44.16
Coefficient of Variation	2.453	Skewness	2.828
Mean of logged data	2.398	SD of logged data	1.418

Project Name:	**Highway 99 Gore Points**
Geocon Project No.:	**S9805-01-58**

90% Standard Bootstrap UCL	**103.4**
95% Standard Bootstrap UCL	**116.5**

Project Name:	**Highway 99 Gore Points**
Geocon Project No.:	**S9805-01-58**
Sample Location:	**Location 38**

Lead - 0.0 to 0.5 ft

Total Number of Observations	14	Number of Distinct Observations	13
		Number of Missing Observations	0
Minimum	110	Mean	699.3
Maximum	1900	Median	430
SD	605.9	Std. Error of Mean	161.9
Coefficient of Variation	0.866	Skewness	1.074
Mean of logged data	6.206	SD of logged data	0.866
		90% Standard Bootstrap UCL	**903.3**
		95% Standard Bootstrap UCL	**952.8**

Lead - 0.5 to 1.0 ft

Total Number of Observations	14	Number of Distinct Observations	14
		Number of Missing Observations	0
Minimum	10	Mean	147.5
Maximum	540	Median	61
SD	162.4	Std. Error of Mean	43.4
Coefficient of Variation	1.101	Skewness	1.308
Mean of logged data	4.316	SD of logged data	1.29
		90% Standard Bootstrap UCL	**200.4**
		95% Standard Bootstrap UCL	**217.4**

Lead - 1.0 to 1.5 ft

Total Number of Observations	14	Number of Distinct Observations	14
		Number of Missing Observations	0
Minimum	3.8	Mean	62.2
Maximum	420	Median	20.5
SD	110.3	Std. Error of Mean	29.49
Coefficient of Variation	1.774	Skewness	3.058
Mean of logged data	3.32	SD of logged data	1.193
		90% Standard Bootstrap UCL	**98.2**
		95% Standard Bootstrap UCL	**108.8**

Lead - 2.0 to 3.0 ft

Total Number of Observations	8	Number of Distinct Observations	8
		Number of Missing Observations	0
Minimum	5.6	Mean	13.1
Maximum	25	Median	12.5
SD	6.159	Std. Error of Mean	2.177
Coefficient of Variation	0.471	Skewness	0.92
Mean of logged data	2.474	SD of logged data	0.476

Project Name:	**Highway 99 Gore Points**
Geocon Project No.:	**S9805-01-58**

90% Standard Bootstrap UCL	**15.6**
95% Standard Bootstrap UCL	**16.5**

Project Name:	**Highway 99 Gore Points**
Geocon Project No.:	**S9805-01-58**
Sample Location:	**Location 39**

Lead - 0.0 to 0.5 ft

Total Number of Observations	14	Number of Distinct Observations	14
		Number of Missing Observations	0
Minimum	13	Mean	175.1
Maximum	730	Median	77.5
SD	236.6	Std. Error of Mean	63.22
Coefficient of Variation	1.351	Skewness	1.768
Mean of logged data	4.296	SD of logged data	1.412
		90% Standard Bootstrap UCL	**254.8**
		95% Standard Bootstrap UCL	**277.2**

Lead - 0.5 to 1.0 ft

Total Number of Observations	14	Number of Distinct Observations	11
		Number of Missing Observations	0
Minimum	9.2	Mean	39.6
Maximum	310	Median	14
SD	78.9	Std. Error of Mean	21.09
Coefficient of Variation	1.993	Skewness	3.578
Mean of logged data	2.995	SD of logged data	0.929
		90% Standard Bootstrap UCL	**66.1**
		95% Standard Bootstrap UCL	**71.7**

Lead - 1.0 to 1.5 ft

Total Number of Observations	14	Number of Distinct Observations	11
		Number of Missing Observations	0
Minimum	9.4	Mean	29.4
Maximum	180	Median	13.5
SD	44.54	Std. Error of Mean	11.9
Coefficient of Variation	1.516	Skewness	3.418
Mean of logged data	2.921	SD of logged data	0.815
		90% Standard Bootstrap UCL	**44.1**
		95% Standard Bootstrap UCL	**48.1**

Lead - 2.0 to 3.0 ft

Total Number of Observations	8	Number of Distinct Observations	7
		Number of Missing Observations	0
Minimum	8.5	Mean	16.3
Maximum	33	Median	14
SD	7.592	Std. Error of Mean	2.684
Coefficient of Variation	0.465	Skewness	1.798
Mean of logged data	2.715	SD of logged data	0.403

Project Name:	**Highway 99 Gore Points**
Geocon Project No.:	**S9805-01-58**

90% Standard Bootstrap UCL	**19.5**
95% Standard Bootstrap UCL	**20.5**

Project Name:	**Highway 99 Gore Points**
Geocon Project No.:	**S9805-01-58**
Sample Location:	**Location 40**

Lead - 0.0 to 0.5 ft

Total Number of Observations	14	Number of Distinct Observations	9
		Number of Missing Observations	0
Minimum	15	Mean	238.3
Maximum	680	Median	170
SD	203.3	Std. Error of Mean	54.33
Coefficient of Variation	0.853	Skewness	1.047
Mean of logged data	5.076	SD of logged data	1.021
		90% Standard Bootstrap UCL	**304.8**
		95% Standard Bootstrap UCL	**321.9**

Lead - 0.5 to 1.0 ft

Total Number of Observations	14	Number of Distinct Observations	12
		Number of Missing Observations	0
Minimum	7.4	Mean	23.2
Maximum	60	Median	16.5
SD	15.72	Std. Error of Mean	4.202
Coefficient of Variation	0.676	Skewness	1.315
Mean of logged data	2.96	SD of logged data	0.617
		90% Standard Bootstrap UCL	**28.5**
		95% Standard Bootstrap UCL	**29.9**

Lead - 1.0 to 1.5 ft

Total Number of Observations	14	Number of Distinct Observations	12
		Number of Missing Observations	0
Minimum	6.8	Mean	24.7
Maximum	98	Median	18
SD	22.75	Std. Error of Mean	6.08
Coefficient of Variation	0.921	Skewness	2.892
Mean of logged data	2.965	SD of logged data	0.665
		90% Standard Bootstrap UCL	**32.3**
		95% Standard Bootstrap UCL	**34.1**

Lead - 2.0 to 3.0 ft

Total Number of Observations	8	Number of Distinct Observations	8
		Number of Missing Observations	0
Minimum	6.4	Mean	19.0
Maximum	46	Median	14.5
SD	14.69	Std. Error of Mean	5.195
Coefficient of Variation	0.772	Skewness	1.216
Mean of logged data	2.705	SD of logged data	0.731

Project Name:	**Highway 99 Gore Points**
Geocon Project No.:	**S9805-01-58**

90% Standard Bootstrap UCL	**25.2**
95% Standard Bootstrap UCL	**26.9**

Project Name:	**Highway 99 Gore Points**
Geocon Project No.:	**S9805-01-58**
Sample Location:	**Location 41**

Lead - 0.0 to 0.5 ft

Total Number of Observations	14	Number of Distinct Observations	13
		Number of Missing Observations	0
Minimum	170	Mean	1044.0
Maximum	4700	Median	590
SD	1267	Std. Error of Mean	338.5
Coefficient of Variation	1.214	Skewness	2.328
Mean of logged data	6.484	SD of logged data	0.936
		90% Standard Bootstrap UCL	**1466.0**
		95% Standard Bootstrap UCL	**1558.0**

Lead - 0.5 to 1.0 ft

Total Number of Observations	14	Number of Distinct Observations	14
		Number of Missing Observations	0
Minimum	7.8	Mean	117.6
Maximum	590	Median	82.5
SD	148.3	Std. Error of Mean	39.63
Coefficient of Variation	1.261	Skewness	2.79
Mean of logged data	4.175	SD of logged data	1.199
		90% Standard Bootstrap UCL	**165.3**
		95% Standard Bootstrap UCL	**180.0**

Lead - 1.0 to 1.5 ft

Total Number of Observations	14	Number of Distinct Observations	13
		Number of Missing Observations	0
Minimum	7.5	Mean	41.1
Maximum	140	Median	23.5
SD	41.4	Std. Error of Mean	11.06
Coefficient of Variation	1.007	Skewness	1.647
Mean of logged data	3.297	SD of logged data	0.947
		90% Standard Bootstrap UCL	**54.7**
		95% Standard Bootstrap UCL	**58.7**

Lead - 2.0 to 3.0 ft

Total Number of Observations	8	Number of Distinct Observations	8
		Number of Missing Observations	0
Minimum	7.6	Mean	30.3
Maximum	100	Median	15
SD	31.97	Std. Error of Mean	11.3
Coefficient of Variation	1.055	Skewness	1.783
Mean of logged data	2.991	SD of logged data	0.948

Project Name:	**Highway 99 Gore Points**
Geocon Project No.:	**S9805-01-58**

90% Standard Bootstrap UCL	**43.5**
95% Standard Bootstrap UCL	**47.3**

Project Name:	**Highway 99 Gore Points**
Geocon Project No.:	**S9805-01-58**
Sample Location:	**Location 42**

Lead - 0.0 to 0.5 ft

Total Number of Observations	14	Number of Distinct Observations	13
		Number of Missing Observations	0
Minimum	180	Mean	1308.0
Maximum	2700	Median	1300
SD	833.7	Std. Error of Mean	222.8
Coefficient of Variation	0.637	Skewness	0.33
Mean of logged data	6.914	SD of logged data	0.836
		90% Standard Bootstrap UCL	**1577.0**
		95% Standard Bootstrap UCL	**1665.0**

Lead - 0.5 to 1.0 ft

Total Number of Observations	14	Number of Distinct Observations	12
		Number of Missing Observations	0
Minimum	16	Mean	49.5
Maximum	190	Median	26
SD	48.99	Std. Error of Mean	13.09
Coefficient of Variation	0.99	Skewness	2.196
Mean of logged data	3.595	SD of logged data	0.743
		90% Standard Bootstrap UCL	**65.4**
		95% Standard Bootstrap UCL	**70.1**

Lead - 1.0 to 1.5 ft

Total Number of Observations	14	Number of Distinct Observations	10
		Number of Missing Observations	0
Minimum	9.6	Mean	21.0
Maximum	47	Median	20.5
SD	11.8	Std. Error of Mean	3.154
Coefficient of Variation	0.562	Skewness	1.278
Mean of logged data	2.913	SD of logged data	0.528
		90% Standard Bootstrap UCL	**24.9**
		95% Standard Bootstrap UCL	**25.9**

Lead - 2.0 to 3.0 ft

Total Number of Observations	8	Number of Distinct Observations	8
		Number of Missing Observations	0
Minimum	5.2	Mean	21.9
Maximum	85	Median	10.35
SD	26.91	Std. Error of Mean	9.515
Coefficient of Variation	1.227	Skewness	2.335
Mean of logged data	2.649	SD of logged data	0.905

Project Name:	**Highway 99 Gore Points**
Geocon Project No.:	**S9805-01-58**

90% Standard Bootstrap UCL	**33.5**
95% Standard Bootstrap UCL	**36.5**

Project Name:	**Highway 99 Gore Points**
Geocon Project No.:	**S9805-01-58**
Sample Location:	**Location 43**

Lead - 0.0 to 0.5 ft

Total Number of Observations	14	Number of Distinct Observations	13
		Number of Missing Observations	0
Minimum	260	Mean	789.3
Maximum	1900	Median	680
SD	464.1	Std. Error of Mean	124
Coefficient of Variation	0.588	Skewness	1.214
Mean of logged data	6.521	SD of logged data	0.57
		90% Standard Bootstrap UCL	**941.0**
		95% Standard Bootstrap UCL	**990.4**

Lead - 0.5 to 1.0 ft

Total Number of Observations	14	Number of Distinct Observations	14
		Number of Missing Observations	0
Minimum	29	Mean	322.9
Maximum	2000	Median	125
SD	518.1	Std. Error of Mean	138.5
Coefficient of Variation	1.605	Skewness	2.997
Mean of logged data	5.055	SD of logged data	1.155
		90% Standard Bootstrap UCL	**495.1**
		95% Standard Bootstrap UCL	**539.1**

Lead - 1.0 to 1.5 ft

Total Number of Observations	14	Number of Distinct Observations	13
		Number of Missing Observations	0
Minimum	12	Mean	389.1
Maximum	4300	Median	55
SD	1132	Std. Error of Mean	302.6
Coefficient of Variation	2.91	Skewness	3.668
Mean of logged data	4.207	SD of logged data	1.556
		90% Standard Bootstrap UCL	**760.8**
		95% Standard Bootstrap UCL	**874.6**

Lead - 2.0 to 3.0 ft

Total Number of Observations	8	Number of Distinct Observations	8
		Number of Missing Observations	0
Minimum	14	Mean	211.9
Maximum	1200	Median	42
SD	407.2	Std. Error of Mean	144
Coefficient of Variation	1.922	Skewness	2.63
Mean of logged data	4.208	SD of logged data	1.472

Project Name:	**Highway 99 Gore Points**
Geocon Project No.:	**S9805-01-58**

90% Standard Bootstrap UCL	**385.6**
95% Standard Bootstrap UCL	**426.5**

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HIGHWAY 99 GORE POINTS
SACRAMENTO, CALIFORNIA

LOCATION 26

Total Lead UCLs (mg/kg)

Sample Interval (feet)	90% UCL	95% UCL
0 to 0.5	49.4	52.4
0.5 to 1	53.5	56.9
1 to 1.5	37.1	40.3

Excavation Scenarios

	90% UCL		95% UCL	
Excavation Depth	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)
0 to 0.5 foot	49.4	2.3	52.4	2.5
Underlying Soil (0.5 to 1.5 feet)	45.3	2.1	48.6	2.3
0 to 1 foot	51.5	2.4	54.7	2.6
Underlying Soil (1 to 1.5 feet)	37.1	1.7	40.3	1.9
0 to 1.5 feet	46.7	2.2	49.9	2.3

Notes:

UCL = Upper Confidence Limit

90% UCL applicable for waste classification and onsite reuse

95% UCL applicable for risk assessment and offsite disposal

mg/kg = milligrams per kilogram

mg/l = milligrams per liter

* = Soluble (WET) lead concentrations were predicted using slope of the regression line, where y = predicted soluble (WET) lead and x = total lead

Regression Line Slope:

$$y = 0.0469 \quad x$$

SUMMARY OF STATISTICAL ANALYSIS
EA 03-3F9301, E-FIS: 0313000240-1
HIGHWAY 99 GORE POINTS
SACRAMENTO, CALIFORNIA

LOCATION 27

Total Lead UCLs (mg/kg)

Sample Interval (feet)	90% UCL	95% UCL
0 to 0.5	79.2	83.2
0.5 to 1	13.3	13.9
1 to 1.5	9.2	9.5

Excavation Scenarios

	90% UCL		95% UCL	
Excavation Depth	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)
0 to 0.5 foot	79.2	3.7	83.2	3.9
Underlying Soil (0.5 to 1.5 feet)	11.3	0.5	11.7	0.5
0 to 1 foot	46.3	2.2	48.6	2.3
Underlying Soil (1 to 1.5 feet)	9.2	0.4	9.5	0.4
0 to 1.5 feet	33.9	1.6	35.5	1.7

Notes:

UCL = Upper Confidence Limit

90% UCL applicable for waste classification and onsite reuse

95% UCL applicable for risk assessment and offsite disposal

mg/kg = milligrams per kilogram

mg/l = milligrams per liter

* = Soluble (WET) lead concentrations were predicted using slope of the regression line, where y = predicted soluble (WET) lead and x = total lead

Regression Line Slope:

$$y = 0.0469 \quad x$$

SUMMARY OF STATISTICAL ANALYSIS
EA 03-3F9301, E-FIS: 0313000240-1
HIGHWAY 99 GORE POINTS
SACRAMENTO, CALIFORNIA

LOCATION 28

Total Lead UCLs (mg/kg)

Sample Interval (feet)	90% UCL	95% UCL
0 to 0.5	80.0	83.9
0.5 to 1	13.6	14.4
1 to 1.5	9.4	9.6

Excavation Scenarios

	90% UCL		95% UCL	
Excavation Depth	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)
0 to 0.5 foot	80.0	3.8	83.9	3.9
Underlying Soil (0.5 to 1.5 feet)	11.5	0.5	12.0	0.6
0 to 1 foot	46.8	2.2	49.2	2.3
Underlying Soil (1 to 1.5 feet)	9.4	0.4	9.6	0.5
0 to 1.5 feet	34.3	1.6	36.0	1.7

Notes:

UCL = Upper Confidence Limit

90% UCL applicable for waste classification and onsite reuse

95% UCL applicable for risk assessment and offsite disposal

mg/kg = milligrams per kilogram

mg/l = milligrams per liter

* = Soluble (WET) lead concentrations were predicted using slope of the regression line, where y = predicted soluble (WET) lead and x = total lead

Regression Line Slope:

$$y = 0.0469\ x$$

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HIGHWAY 99 GORE POINTS
SACRAMENTO, CALIFORNIA

LOCATION 29

Total Lead UCLs (mg/kg)

Sample Interval (feet)	90% UCL	95% UCL
0 to 0.5	248.0	261.8
0.5 to 1	61.4	66.8
1 to 1.5	30.4	32.8
2 to 3	38.2	41.9

Excavation Scenarios

	90% UCL		95% UCL	
Excavation Depth	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)
0 to 0.5	248.0	11.6	261.8	12.3
Underlying Soil (0.5 to 3 feet)	39.7	1.9	43.2	2.0
0 to 1 foot	154.7	7.3	164.3	7.7
Underlying Soil (1 to 3 feet)	34.3	1.6	37.4	1.8
0 to 1.5 feet	113.3	5.3	120.5	5.6
Underlying Soil (1.5 to 3 feet)	35.6	1.7	38.9	1.8
0 to 2 feet	92.6	4.3	98.6	4.6
Underlying Soil (2 to 3 feet)	38.2	1.8	41.9	2.0
0 to 2.5 feet	81.7	3.8	87.2	4.1
Underlying Soil (2.5 to 3 feet)	38.2	1.8	41.9	2.0
0 to 3 feet	74.4	3.5	79.7	3.7

Notes:

UCL = Upper Confidence Limit

90% UCL applicable for waste classification and onsite reuse

95% UCL applicable for risk assessment and offsite disposal

mg/kg = milligrams per kilogram

mg/l = milligrams per liter

* = Soluble (WET) lead concentrations were predicted using slope of the regression line,
where y = predicted soluble (WET) lead and x = total lead

Regression Line Slope:

$$y = 0.0469\ x$$

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HIGHWAY 99 GORE POINTS
SACRAMENTO, CALIFORNIA

LOCATION 30

Total Lead UCLs (mg/kg)

Sample Interval (feet)	90% UCL	95% UCL
0 to 0.5	61.2	66.7
0.5 to 1	28.6	30.0
1 to 1.5	26.1	27.5

Excavation Scenarios

	90% UCL		95% UCL	
Excavation Depth	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)
0 to 0.5 foot	61.2	2.9	66.7	3.1
Underlying Soil (0.5 to 1.5 feet)	27.4	1.3	28.8	1.3
0 to 1 foot	44.9	2.1	48.4	2.3
Underlying Soil (1 to 1.5 feet)	26.1	1.2	27.5	1.3
0 to 1.5 feet	38.6	1.8	41.4	1.9

Notes:

UCL = Upper Confidence Limit

90% UCL applicable for waste classification and onsite reuse

95% UCL applicable for risk assessment and offsite disposal

mg/kg = milligrams per kilogram

mg/l = milligrams per liter

* = Soluble (WET) lead concentrations were predicted using slope of the regression line, where y = predicted soluble (WET) lead and x = total lead

Regression Line Slope:

$$y = 0.0469 \quad x$$

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HIGHWAY 99 GORE POINTS
SACRAMENTO, CALIFORNIA

LOCATION 31

Total Lead UCLs (mg/kg)

Sample Interval (feet)	90% UCL	95% UCL
0 to 0.5	288.2	307.4
0.5 to 1	17.1	18.2
1 to 1.5	9.2	9.7
2 to 3	7.1	7.3

Excavation Scenarios

	90% UCL		95% UCL	
Excavation Depth	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)
0 to 0.5	289.9	13.6	307.4	14.4
Underlying Soil (0.5 to 3 feet)	9.9	0.5	10.4	0.5
0 to 1 foot	152.7	7.2	162.8	7.6
Underlying Soil (1 to 3 feet)	8.2	0.4	8.5	0.4
0 to 1.5 feet	104.8	4.9	111.8	5.2
Underlying Soil (1.5 to 3 feet)	7.8	0.4	8.1	0.4
0 to 2 feet	80.9	3.8	86.3	4.0
Underlying Soil (2 to 3 feet)	7.1	0.3	7.3	0.3
0 to 2.5 feet	66.2	3.1	70.5	3.3
Underlying Soil (2.5 to 3 feet)	7.1	0.3	7.3	0.3
0 to 3 feet	56.3	2.6	59.9	2.8

Notes:

UCL = Upper Confidence Limit

90% UCL applicable for waste classification and onsite reuse

95% UCL applicable for risk assessment and offsite disposal

mg/kg = milligrams per kilogram

mg/l = milligrams per liter

* = Soluble (WET) lead concentrations were predicted using slope of the regression line,
where y = predicted soluble (WET) lead and x = total lead

Regression Line Slope:

$$y = 0.0469\ x$$

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SACRAMENTO, CALIFORNIA

LOCATION 32

Total Lead UCLs (mg/kg)

Sample Interval (feet)	90% UCL	95% UCL
0 to 0.5	97.4	106.3
0.5 to 1	7.0	7.2
1 to 1.5	7.2	7.4

Excavation Scenarios

	90% UCL		95% UCL	
Excavation Depth	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)
0 to 0.5 foot	97.4	4.6	106.3	4.99
Underlying Soil (0.5 to 1.5 feet)	7.1	0.3	7.3	0.3
0 to 1 foot	52.2	2.4	56.8	2.7
Underlying Soil (1 to 1.5 feet)	7.2	0.3	7.4	0.3
0 to 1.5 feet	37.2	1.7	40.3	1.9

Notes:
UCL = Upper Confidence Limit
90% UCL applicable for waste classification and onsite reuse
95% UCL applicable for risk assessment and offsite disposal
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
* = Soluble (WET) lead concentrations were predicted using slope of the regression line,
where y = predicted soluble (WET) lead and x = total lead

Regression Line Slope:

$$y = 0.0469 \quad x$$

SUMMARY OF STATISTICAL ANALYSIS
EA 03-3F9301, E-FIS: 0313000240-1
HIGHWAY 99 GORE POINTS
SACRAMENTO, CALIFORNIA

LOCATION 33

Total Lead UCLs (mg/kg)

Sample Interval (feet)	90% UCL	95% UCL
0 to 0.5	28.3	29.3
0.5 to 1*	60.0	60.0
1 to 1.5	19.3	20.6

* UCLs could not be calculated due to insufficient amount of distinct total lead data for this depth interval. The highest total lead value is used for the UCL for this depth interval.

Excavation Scenarios

Excavation Depth	90% UCL		95% UCL	
	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)
0 to 0.5 foot	28.3	1.3	29.3	1.4
Underlying Soil (0.5 to 1.5 feet)	39.7	1.9	40.3	1.9
0 to 1 foot	44.2	2.1	44.7	2.1
Underlying Soil (1 to 1.5 feet)	19.3	0.9	20.6	1.0
0 to 1.5 feet	35.9	1.7	36.6	1.7

Notes:

UCL = Upper Confidence Limit

90% UCL applicable for waste classification and onsite reuse

95% UCL applicable for risk assessment and offsite disposal

mg/kg = milligrams per kilogram

mg/l = milligrams per liter

* = Soluble (WET) lead concentrations were predicted using slope of the regression line, where y = predicted soluble (WET) lead and x = total lead

Regression Line Slope:

$$y = 0.0469\ x$$

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SACRAMENTO, CALIFORNIA

LOCATION 34

Total Lead UCLs (mg/kg)

Sample Interval (feet)	90% UCL	95% UCL
0 to 0.5	91.2	96.4
0.5 to 1	73.1	81.6
1 to 1.5	8.0	8.3

Excavation Scenarios

	90% UCL		95% UCL	
Excavation Depth	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)
0 to 0.5 foot	91.2	4.3	96.4	4.5
Underlying Soil (0.5 to 1.5 feet)	40.6	1.9	45.0	2.1
0 to 1 foot	82.2	3.9	89.0	4.2
Underlying Soil (1 to 1.5 feet)	8.0	0.4	8.3	0.4
0 to 1.5 feet	57.4	2.7	62.1	2.9

Notes:

UCL = Upper Confidence Limit

90% UCL applicable for waste classification and onsite reuse

95% UCL applicable for risk assessment and offsite disposal

mg/kg = milligrams per kilogram

mg/l = milligrams per liter

* = Soluble (WET) lead concentrations were predicted using slope of the regression line, where y = predicted soluble (WET) lead and x = total lead

Regression Line Slope:

$$y = 0.0469 \quad x$$

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SACRAMENTO, CALIFORNIA

LOCATION 35

Total Lead UCLs (mg/kg)

Sample Interval (feet)	90% UCL	95% UCL
0 to 0.5	108.7	116.2
0.5 to 1	15.6	16.9
1 to 1.5	7.0	7.2

Excavation Scenarios

	90% UCL		95% UCL	
Excavation Depth	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)
0 to 0.5 foot	108.7	5.1	116.2	5.4
Underlying Soil (0.5 to 1.5 feet)	11.3	0.5	12.1	0.6
0 to 1 foot	62.2	2.9	66.6	3.1
Underlying Soil (1 to 1.5 feet)	7.0	0.3	7.2	0.3
0 to 1.5 feet	43.8	2.1	46.8	2.2

Notes:
UCL = Upper Confidence Limit
90% UCL applicable for waste classification and onsite reuse
95% UCL applicable for risk assessment and offsite disposal
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
* = Soluble (WET) lead concentrations were predicted using slope of the regression line,
where y = predicted soluble (WET) lead and x = total lead

Regression Line Slope:

$$y = 0.0469 \quad x$$

SUMMARY OF STATISTICAL ANALYSIS
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SACRAMENTO, CALIFORNIA

LOCATION 36

Total Lead UCLs (mg/kg)

Sample Interval (feet)	90% UCL	95% UCL
0 to 0.5	764.5	774.8
0.5 to 1	447.8	487.6
1 to 1.5	158.4	168.4
2 to 3	25.4	27.6

Excavation Scenarios

	90% UCL		95% UCL	
Excavation Depth	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)
0 to 0.5	764.5	35.9	774.8	36.3
Underlying Soil (0.5 to 3 feet)	163.1	7.6	175.9	8.3
0 to 1 foot	606.2	28.4	631.2	29.6
Underlying Soil (1 to 3 feet)	91.9	4.3	98.0	4.6
0 to 1.5 feet	456.9	21.4	476.9	22.4
Underlying Soil (1.5 to 3 feet)	69.7	3.3	74.5	3.5
0 to 2 feet	382.3	17.9	399.8	18.8
Underlying Soil (2 to 3 feet)	25.4	1.2	27.6	1.3
0 to 2.5 feet	310.9	14.6	325.4	15.3
Underlying Soil (2.5 to 3 feet)	25.4	1.2	27.6	1.3
0 to 3 feet	263.3	12.3	275.7	12.9

Notes:

UCL = Upper Confidence Limit

90% UCL applicable for waste classification and onsite reuse

95% UCL applicable for risk assessment and offsite disposal

mg/kg = milligrams per kilogram

mg/l = milligrams per liter

* = Soluble (WET) lead concentrations were predicted using slope of the regression line,
where y = predicted soluble (WET) lead and x = total lead

Regression Line Slope:

$$y = 0.0469\ x$$

SUMMARY OF STATISTICAL ANALYSIS
EA 03-3F9301, E-FIS: 0313000240-1
HIGHWAY 99 GORE POINTS
SACRAMENTO, CALIFORNIA

LOCATION 37

Total Lead UCLs (mg/kg)

Sample Interval (feet)	90% UCL	95% UCL
0 to 0.5	408.4	429.6
0.5 to 1	144.9	156.1
1 to 1.5	63.6	69.1
2 to 3	103.4	116.5

Excavation Scenarios

	90% UCL		95% UCL	
Excavation Depth	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)
0 to 0.5	408.4	19.2	429.6	20.1
Underlying Soil (0.5 to 3 feet)	95.8	4.5	105.5	4.9
0 to 1 foot	276.7	13.0	292.9	13.7
Underlying Soil (1 to 3 feet)	83.5	3.9	92.8	4.4
0 to 1.5 feet	205.6	9.6	218.3	10.2
Underlying Soil (1.5 to 3 feet)	90.1	4.2	100.7	4.7
0 to 2 feet	170.1	8.0	181.0	8.5
Underlying Soil (2 to 3 feet)	103.4	4.8	116.5	5.5
0 to 2.5 feet	156.8	7.4	168.1	7.9
Underlying Soil (2.5 to 3 feet)	103.4	4.8	116.5	5.5
0 to 3 feet	147.9	6.9	159.5	7.5

Notes:

UCL = Upper Confidence Limit

90% UCL applicable for waste classification and onsite reuse

95% UCL applicable for risk assessment and offsite disposal

mg/kg = milligrams per kilogram

mg/l = milligrams per liter

* = Soluble (WET) lead concentrations were predicted using slope of the regression line,
where y = predicted soluble (WET) lead and x = total lead

Regression Line Slope:

$$y = 0.0469\ x$$

SUMMARY OF STATISTICAL ANALYSIS
EA 03-3F9301, E-FIS: 0313000240-1
HIGHWAY 99 GORE POINTS
SACRAMENTO, CALIFORNIA

LOCATION 38

Total Lead UCLs (mg/kg)

Sample Interval (feet)	90% UCL	95% UCL
0 to 0.5	903.3	952.8
0.5 to 1	200.4	217.4
1 to 1.5	98.2	108.8
2 to 3	15.6	16.5

Excavation Scenarios

	90% UCL		95% UCL	
Excavation Depth	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)
0 to 0.5	903.3	42.4	952.8	44.7
Underlying Soil (0.5 to 3 feet)	85.6	4.0	93.6	4.4
0 to 1 foot	551.9	25.9	585.1	27.4
Underlying Soil (1 to 3 feet)	56.9	2.7	62.7	2.9
0 to 1.5 feet	400.6	18.8	426.3	20.0
Underlying Soil (1.5 to 3 feet)	43.1	2.0	47.3	2.2
0 to 2 feet	325.0	15.2	347.0	16.3
Underlying Soil (2 to 3 feet)	15.6	0.7	16.5	0.8
0 to 2.5 feet	263.1	12.3	280.9	13.2
Underlying Soil (2.5 to 3 feet)	15.6	0.7	16.5	0.8
0 to 3 feet	221.9	10.4	236.8	11.1

Notes:

UCL = Upper Confidence Limit

90% UCL applicable for waste classification and onsite reuse

95% UCL applicable for risk assessment and offsite disposal

mg/kg = milligrams per kilogram

mg/l = milligrams per liter

* = Soluble (WET) lead concentrations were predicted using slope of the regression line, where y = predicted soluble (WET) lead and x = total lead

Regression Line Slope:

$$y = 0.0469 \quad x$$

SUMMARY OF STATISTICAL ANALYSIS
EA 03-3F9301, E-FIS: 0313000240-1
HIGHWAY 99 GORE POINTS
SACRAMENTO, CALIFORNIA

LOCATION 39

Total Lead UCLs (mg/kg)

Sample Interval (feet)	90% UCL	95% UCL
0 to 0.5	254.8	277.2
0.5 to 1	66.1	71.7
1 to 1.5	44.1	48.1
2 to 3	19.5	20.5

Excavation Scenarios

	90% UCL		95% UCL	
Excavation Depth	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)
0 to 0.5	254.8	12.0	277.2	13.0
Underlying Soil (0.5 to 3 feet)	38.7	1.8	41.8	2.0
0 to 1 foot	160.5	7.5	174.5	8.2
Underlying Soil (1 to 3 feet)	31.8	1.5	34.3	1.6
0 to 1.5 feet	121.7	5.7	132.3	6.2
Underlying Soil (1.5 to 3 feet)	27.7	1.3	29.7	1.4
0 to 2 feet	102.3	4.8	111.3	5.2
Underlying Soil (2 to 3 feet)	19.5	0.9	20.5	1.0
0 to 2.5 feet	85.7	4.0	93.1	4.4
Underlying Soil (2.5 to 3 feet)	19.5	0.9	20.5	1.0
0 to 3 feet	74.7	3.5	81.0	3.8

Notes:

UCL = Upper Confidence Limit

90% UCL applicable for waste classification and onsite reuse

95% UCL applicable for risk assessment and offsite disposal

mg/kg = milligrams per kilogram

mg/l = milligrams per liter

* = Soluble (WET) lead concentrations were predicted using slope of the regression line, where y = predicted soluble (WET) lead and x = total lead

Regression Line Slope:

$$y = 0.0469\ x$$

SUMMARY OF STATISTICAL ANALYSIS
EA 03-3F9301, E-FIS: 0313000240-1
HIGHWAY 99 GORE POINTS
SACRAMENTO, CALIFORNIA

LOCATION 40

Total Lead UCLs (mg/kg)

Sample Interval (feet)	90% UCL	95% UCL
0 to 0.5	304.8	321.9
0.5 to 1	28.5	29.9
1 to 1.5	32.3	34.1
2 to 3	25.2	26.9

Excavation Scenarios

	90% UCL		95% UCL	
Excavation Depth	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)
0 to 0.5	304.8	14.3	321.9	15.1
Underlying Soil (0.5 to 3 feet)	28.7	1.3	30.4	1.4
0 to 1 foot	166.7	7.8	175.9	8.2
Underlying Soil (1 to 3 feet)	28.8	1.3	30.5	1.4
0 to 1.5 feet	121.9	5.7	128.6	6.0
Underlying Soil (1.5 to 3 feet)	27.6	1.3	29.3	1.4
0 to 2 feet	99.5	4.7	105.0	4.9
Underlying Soil (2 to 3 feet)	25.2	1.2	26.9	1.3
0 to 2.5 feet	84.6	4.0	89.4	4.2
Underlying Soil (2.5 to 3 feet)	25.2	1.2	26.9	1.3
0 to 3 feet	74.7	3.5	79.0	3.7

Notes:

UCL = Upper Confidence Limit

90% UCL applicable for waste classification and onsite reuse

95% UCL applicable for risk assessment and offsite disposal

mg/kg = milligrams per kilogram

mg/l = milligrams per liter

* = Soluble (WET) lead concentrations were predicted using slope of the regression line, where y = predicted soluble (WET) lead and x = total lead

Regression Line Slope:

$$y = 0.0469\ x$$

SUMMARY OF STATISTICAL ANALYSIS
EA 03-3F9301, E-FIS: 0313000240-1
HIGHWAY 99 GORE POINTS
SACRAMENTO, CALIFORNIA

LOCATION 41

Total Lead UCLs (mg/kg)

Sample Interval (feet)	90% UCL	95% UCL
0 to 0.5	1466.0	1558.0
0.5 to 1	165.3	180.0
1 to 1.5	54.7	58.7
2 to 3	43.5	47.3

Excavation Scenarios

	90% UCL		95% UCL	
Excavation Depth	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)
0 to 0.5	1466.0	68.8	1558.0	73.1
Underlying Soil (0.5 to 3 feet)	72.3	3.4	78.4	3.7
0 to 1 foot	815.7	38.3	869.0	40.8
Underlying Soil (1 to 3 feet)	49.1	2.3	53.0	2.5
0 to 1.5 feet	562.0	26.4	598.9	28.1
Underlying Soil (1.5 to 3 feet)	47.2	2.2	51.1	2.4
0 to 2 feet	435.2	20.4	463.9	21.8
Underlying Soil (2 to 3 feet)	43.5	2.0	47.3	2.2
0 to 2.5 feet	356.8	16.7	380.5	17.8
Underlying Soil (2.5 to 3 feet)	43.5	2.0	47.3	2.2
0 to 3 feet	304.6	14.3	325.0	15.2

Notes:

UCL = Upper Confidence Limit

90% UCL applicable for waste classification and onsite reuse

95% UCL applicable for risk assessment and offsite disposal

mg/kg = milligrams per kilogram

mg/l = milligrams per liter

* = Soluble (WET) lead concentrations were predicted using slope of the regression line, where y = predicted soluble (WET) lead and x = total lead

Regression Line Slope:

$$y = 0.0469\ x$$

SUMMARY OF STATISTICAL ANALYSIS
EA 03-3F9301, E-FIS: 0313000240-1
HIGHWAY 99 GORE POINTS
SACRAMENTO, CALIFORNIA

LOCATION 42

Total Lead UCLs (mg/kg)

Sample Interval (feet)	90% UCL	95% UCL
0 to 0.5	1577.0	1665.0
0.5 to 1	65.4	70.1
1 to 1.5	24.9	25.9
2 to 3	33.5	36.5

Excavation Scenarios

	90% UCL		95% UCL	
Excavation Depth	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)
0 to 0.5	1577.0	74.0	1665.0	78.1
Underlying Soil (0.5 to 3 feet)	36.4	1.7	39.0	1.8
0 to 1 foot	821.2	38.5	867.6	40.7
Underlying Soil (1 to 3 feet)	29.2	1.4	31.2	1.5
0 to 1.5 feet	555.8	26.1	587.0	27.5
Underlying Soil (1.5 to 3 feet)	30.6	1.4	33.0	1.5
0 to 2 feet	423.1	19.8	446.7	21.0
Underlying Soil (2 to 3 feet)	33.5	1.6	36.5	1.7
0 to 2.5 feet	345.1	16.2	364.7	17.1
Underlying Soil (2.5 to 3 feet)	33.5	1.6	36.5	1.7
0 to 3 feet	293.2	13.8	310.0	14.5

Notes:

UCL = Upper Confidence Limit

90% UCL applicable for waste classification and onsite reuse

95% UCL applicable for risk assessment and offsite disposal

mg/kg = milligrams per kilogram

mg/l = milligrams per liter

* = Soluble (WET) lead concentrations were predicted using slope of the regression line,
where y = predicted soluble (WET) lead and x = total lead

Regression Line Slope:

$$y = 0.0469\ x$$

SUMMARY OF STATISTICAL ANALYSIS
EA 03-3F9301, E-FIS: 0313000240-1
HIGHWAY 99 GORE POINTS
SACRAMENTO, CALIFORNIA

LOCATION 43

Total Lead UCLs (mg/kg)

Sample Interval (feet)	90% UCL	95% UCL
0 to 0.5	941.0	990.4
0.5 to 1	495.1	539.1
1 to 1.5	760.8	874.6
2 to 3	385.6	426.5

Excavation Scenarios

	90% UCL		95% UCL	
Excavation Depth	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)	Total Lead (mg/kg)	Soluble (WET) Lead * (mg/l)
0 to 0.5	941.0	44.1	990.4	46.4
Underlying Soil (0.5 to 3 feet)	557.6	26.2	628.3	29.5
0 to 1 foot	718.1	33.7	764.8	35.9
Underlying Soil (1 to 3 feet)	573.2	26.9	650.6	30.5
0 to 1.5 feet	732.3	34.3	801.4	37.6
Underlying Soil (1.5 to 3 feet)	510.7	24.0	575.9	27.0
0 to 2 feet	739.4	34.7	819.7	38.4
Underlying Soil (2 to 3 feet)	385.6	18.1	426.5	20.0
0 to 2.5 feet	668.7	31.4	741.0	34.8
Underlying Soil (2.5 to 3 feet)	385.6	18.1	426.5	20.0
0 to 3 feet	621.5	29.1	688.6	32.3

Notes:

UCL = Upper Confidence Limit

90% UCL applicable for waste classification and onsite reuse

95% UCL applicable for risk assessment and offsite disposal

mg/kg = milligrams per kilogram

mg/l = milligrams per liter

* = Soluble (WET) lead concentrations were predicted using slope of the regression line,
where y = predicted soluble (WET) lead and x = total lead

Regression Line Slope:

$$y = 0.0469\ x$$

Project Name: Highway 99 Gore Points
Geocon Project No.: S9805-01-58

Sample ID	Total Lead (mg/kg)	WET Lead (mg/l)	Residual WET Lead (mg/l)	Squared Residual WET Lead (mg/l)
L27-B165-0'	64	3.0	0.00	0.00
L27-B163-0'	94	4.4	-0.01	0.00
L38-HA234-0'	470	22	-0.06	0.00
L34-B205-0'	78	3.6	-0.06	0.00
L40-B242-1'	98	4.5	-0.10	0.01
L29-B175-0'	450	21	-0.12	0.01
L29-B338-1'	120	5.5	-0.13	0.02
L41-B285-0.5'	210	10	0.14	0.02
L35-B215-0'	110	5.0	-0.16	0.03
L30-HA184-0'	120	5.8	0.17	0.03
L40-B245-0'	140	6.8	0.23	0.05
L41-B249-1'	140	6.3	-0.27	0.07
L41-B283-1'	55	2.3	-0.28	0.08
L38-HA231-0'	420	20	0.29	0.08
L26-HA160-0.5'	51	2.7	0.31	0.09
L36-HA221-0.5'	370	17	-0.36	0.13
L36-HA321-1'	59	2.4	-0.37	0.14
L29-B339-0'	140	6.2	-0.37	0.14
L36-HA314-0'	1,100	52	0.38	0.14
L43-HA260-0.5'	100	5.1	0.41	0.17
L42-B291-2'	85	4.4	0.41	0.17
L26-HA159-0.5'	75	3.1	-0.42	0.18
L27-B169-0'	76	3.1	-0.47	0.22
L40-B243-0'	480	23	0.47	0.22
L43-HA262-0.5'	60	3.3	0.48	0.23
L37-B276-0'	330	15	-0.49	0.24
L34-B206-0'	88	3.6	-0.53	0.28
L40-B243-0.5'	60	3.4	0.58	0.34
L31-B267-0'	130	6.7	0.60	0.36
L43-HA261-1'	72	4.0	0.62	0.39
L37-B280-0'	270	12	-0.67	0.45
L29-B342-0'	53	1.8	-0.69	0.47
L41-B252-0.5'	73	2.7	-0.73	0.53
L34-B210-0'	120	4.9	-0.73	0.54
L26-HA157-0'	67	2.4	-0.74	0.55
L26-HA157-1.0'	59	2.0	-0.77	0.59
L29-B345-0.5'	68	2.3	-0.89	0.79
L37-B274-2'	360	16	-0.89	0.80
L41-B247-0.5'	100	5.6	0.91	0.82
L26-HA158-0'	62	2.0	-0.91	0.83
L36-HA314-0.5'	1,600	76	0.91	0.83
L41-B251-0'	510	23	-0.93	0.87
L36-HA319-0.5'	72	2.4	-0.98	0.96
L28-B171-0'	100	3.7	-0.99	0.99
L29-B178-0'	150	6.0	-1.04	1.08
L43-HA263-1'	65	2.0	-1.05	1.10
L40-B244-0'	470	21	-1.06	1.12
L31-B190-0'	510	25	1.07	1.14
L27-B167-0'	94	5.5	1.09	1.19
L41-B283-2'	100	3.6	-1.09	1.19
L43-HA326-0.5'	79	2.6	-1.11	1.23
L26-HA157-0.5'	60	1.7	-1.12	1.24
L32-B195-0'	110	6.3	1.14	1.29
L36-HA314-1'	84	2.8	-1.14	1.30
L41-B284-1'	60	1.6	-1.22	1.48
L41-B251-0.5'	120	4.4	-1.23	1.52
L43-HA323-0.5'	52	1.2	-1.24	1.54
L29-B338-0'	570	28	1.25	1.56
L36-HA318-1'	80	2.5	-1.25	1.57
L38-HA229-0'	250	13	1.27	1.61
L39-B334-0.5'	59	1.5	-1.27	1.61
L38-HA232-0.5'	160	8.8	1.29	1.67
L39-B236-0'	130	4.8	-1.30	1.69
L42-B255-0.5'	51	3.7	1.31	1.71
L40-B301-0'	58	1.3	-1.42	2.02
L38-HA307-0.5'	73	2.0	-1.43	2.03
L40-B303-0'	73	2.0	-1.43	2.03
L40-B304-0'	140	8.0	1.43	2.04
L36-HA317-2'	58	1.2	-1.52	2.32
L27-B164-0'	80	5.3	1.55	2.39
L38-HA308-1'	59	1.2	-1.57	2.46
L41-B252-0'	350	18	1.57	2.48
L42-B297-0.5'	190	7.3	-1.62	2.61
L37-B280-0.5'	220	8.7	-1.62	2.64

slope	y-intercept	predicted WET	residual WET
0.0469	0		
		3.0	0.00
		4.4	-0.01
		22.1	-0.06
		3.7	-0.06
		4.6	-0.10
		21.1	-0.12
		5.6	-0.13
		9.9	0.14
		5.2	-0.16
		5.6	0.17
		6.6	0.23
		6.6	-0.27
		2.6	-0.28
		19.7	0.29
		2.4	0.31
		17.4	-0.36
		2.8	-0.37
		6.6	-0.37
		51.6	0.38
		4.7	0.41
		4.0	0.41
		3.5	-0.42
		3.6	-0.47
		22.5	0.47
		2.8	0.48
		15.5	-0.49
		4.1	-0.53
		2.8	0.58
		6.1	0.60
		3.4	0.62
		12.7	-0.67
		2.5	-0.69
		3.4	-0.73
		5.6	-0.73
		3.1	-0.74
		2.8	-0.77
		3.2	-0.89
		16.9	-0.89
		4.7	0.91
		2.9	-0.91
		75.1	0.91
		23.9	-0.93
		3.4	-0.98
		4.7	-0.99
		7.0	-1.04
		3.1	-1.05
		22.1	-1.06
		23.9	1.07
		4.4	1.09
		4.7	-1.09
		3.7	-1.11
		2.8	-1.12
		5.2	1.14
		3.9	-1.14
		2.8	-1.22
		5.6	-1.23
		2.4	-1.24
		26.7	1.25
		3.8	-1.25
		11.7	1.27
		2.8	-1.27
		7.5	1.29
		6.1	-1.30
		2.4	1.31
		2.7	-1.42
		3.4	-1.43
		3.4	-1.43
		6.6	1.43
		2.7	-1.52
		3.8	1.55
		2.8	-1.57
		16.4	1.57
		8.9	-1.62
		10.3	-1.62

Project Name: Highway 99 Gore Points
Geocon Project No.: S9805-01-58

Sample ID	Total Lead (mg/kg)	WET Lead (mg/l)	Residual WET Lead (mg/l)	Squared Residual WET Lead (mg/l)
L37-B274-1'	110	6.8	1.64	2.68
L43-HA322-2'	1,200	58	1.69	2.84
L36-HA317-0.5'	71	1.5	-1.83	3.36
L37-B276-0.5'	380	16	-1.83	3.36
L29-B345-0'	110	7.0	1.84	3.38
L40-B246-0'	200	7.5	-1.89	3.56
L43-HA263-0'	300	16	1.92	3.69
L43-HA323-1'	67	1.2	-1.94	3.78
L35-B211-0'	75	5.5	1.98	3.92
L29-B341-0'	230	8.8	-1.99	3.97
L41-B287-0.5'	92	2.3	-2.02	4.07
L31-B270-0'	360	19	2.11	4.43
L40-B298-0'	100	6.8	2.11	4.44
L39-B332-0'	140	8.7	2.13	4.54
L43-HA326-2'	84	1.8	-2.14	4.59
L38-HA309-1'	57	0.5	-2.17	4.73
L41-B288-0.5'	58	0.5	-2.22	4.94
L43-HA263-0.5'	220	8.1	-2.22	4.95
L36-HA320-0.5'	110	2.9	-2.26	5.12
L40-B305-0'	100	7.0	2.31	5.32
L33-B203-0.5'	60	0.5	-2.32	5.36
L41-B286-0'	270	15	2.33	5.43
L36-HA316-0.5'	89	1.8	-2.38	5.65
L34-B209-0'	96	2.1	-2.41	5.78
L28-B172-0'	100	7.1	2.41	5.79
L43-HA329-1'	63	0.5	-2.46	6.03
L35-B216-0'	85	1.5	-2.49	6.19
L29-B339-0.5'	83	6.4	2.50	6.27
L36-HA217-1'	160	5.0	-2.51	6.29
L31-B191-0'	190	6.4	-2.52	6.33
L43-HA329-0.5'	82	1.3	-2.55	6.49
L32-B198-0'	180	11	2.55	6.52
L34-B205-0.5'	180	11	2.55	6.52
L29-B344-0'	190	6.3	-2.62	6.85
L42-B291-0.5'	110	2.5	-2.66	7.09
L43-HA264-0.5'	68	0.5	-2.69	7.24
L31-B192-0'	68	5.9	2.71	7.34
L38-HA309-0.5'	240	8.5	-2.76	7.63
L36-HA218-1'	340	19	3.04	9.27
L38-HA306-1'	160	4.4	-3.11	9.66
L37-B274-0.5'	210	13	3.14	9.89
L37-B277-1'	98	1.4	-3.20	10.23
L31-B273-0'	52	5.7	3.26	10.63
L41-B250-0.5'	150	3.7	-3.34	11.15
L43-HA327-0.5'	150	3.7	-3.34	11.15
L38-HA313-0'	370	14	-3.36	11.31
L43-HA261-0.5'	310	18	3.45	11.92
L38-HA312-0'	110	1.7	-3.46	11.99
L36-HA219-1'	330	19	3.51	12.34
L38-HA310-0'	220	6.8	-3.52	12.42
L29-B338-0.5'	200	13	3.61	13.06
L40-B302-0'	200	13	3.61	13.06
L29-B177-0'	280	9.4	-3.74	13.99
L36-HA220-1'	260	16	3.80	14.43
L37-B275-1'	120	1.8	-3.83	14.68
L37-B227-0'	170	4.1	-3.88	15.04
L42-B253-0'	830	35	-3.95	15.61
L29-B176-0.5'	95	0.5	-3.96	15.67
L36-HA318-0'	660	27	-3.97	15.79
L41-B289-0'	170	12	4.02	16.18
L29-B339-2'	99	0.5	-4.15	17.19
L38-HA233-0'	230	15	4.21	17.69
L43-HA259-1'	230	15	4.21	17.69
L41-B282-0'	400	23	4.23	17.88
L39-B239-0'	110	9.4	4.24	17.96
L42-B290-0'	540	21	-4.34	18.85
L41-B282-0.5'	140	2.1	-4.47	19.98
L42-B257-0.5'	88	8.6	4.47	19.98
L38-HA312-0.5'	290	9.0	-4.61	21.25
L37-B223-0.5'	390	23	4.70	22.07
L41-B247-0'	870	36	-4.83	23.31
L36-HA321-0'	660	26	-4.97	24.73
L36-HA321-0.5'	160	2.5	-5.01	25.09
L29-B179-0'	170	2.7	-5.28	27.86
L38-HA308-0.5'	200	4.1	-5.29	27.94

slope	y-intercept	predicted WET	residual WET
0.0469	0		
		5.2	1.64
		56.3	1.69
		3.3	-1.83
		17.8	-1.83
		5.2	1.84
		9.4	-1.89
		14.1	1.92
		3.1	-1.94
		3.5	1.98
		10.8	-1.99
		4.3	-2.02
		16.9	2.11
		4.7	2.11
		6.6	2.13
		3.9	-2.14
		2.7	-2.17
		2.7	-2.22
		10.3	-2.22
		5.2	-2.26
		4.7	2.31
		2.8	-2.32
		12.7	2.33
		4.2	-2.38
		4.5	-2.41
		4.7	2.41
		3.0	-2.46
		4.0	-2.49
		3.9	2.50
		7.5	-2.51
		8.9	-2.52
		3.8	-2.55
		8.4	2.55
		8.4	2.55
		8.9	-2.62
		5.2	-2.66
		3.2	-2.69
		3.2	2.71
		11.3	-2.76
		16.0	3.04
		7.5	-3.11
		9.9	3.14
		4.6	-3.20
		2.4	3.26
		7.0	-3.34
		7.0	-3.34
		17.4	-3.36
		14.5	3.45
		5.2	-3.46
		15.5	3.51
		10.3	-3.52
		9.4	3.61
		9.4	3.61
		13.1	-3.74
		12.2	3.80
		5.6	-3.83
		8.0	-3.88
		39.0	-3.95
		4.5	-3.96
		31.0	-3.97
		8.0	4.02
		4.6	-4.15
		10.8	4.21
		10.8	4.21
		18.8	4.23
		5.2	4.24
		25.3	-4.34
		6.6	-4.47
		4.1	4.47
		13.6	-4.61
		18.3	4.70
		40.8	-4.83
		31.0	-4.97
		7.5	-5.01
		8.0	-5.28
		9.4	-5.29

Project Name: Highway 99 Gore Points
Geocon Project No.: S9805-01-58

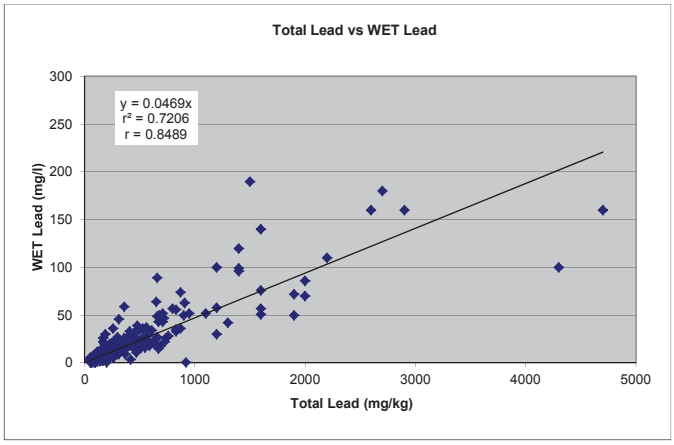
Sample ID	Total Lead (mg/kg)	WET Lead (mg/l)	Residual WET Lead (mg/l)	Squared Residual WET Lead (mg/l)
L43-HA322-0'	540	20	-5.34	28.53
L38-HA311-0'	310	9.2	-5.35	28.60
L36-HA219-0'	610	34	5.37	28.87
L35-B212-0'	170	2.6	-5.38	28.92
L36-HA317-0'	570	21	-5.75	33.06
L37-B226-0'	110	11	5.84	34.08
L39-B331-0'	270	6.8	-5.87	34.47
L36-HA218-0.5'	300	20	5.92	35.06
L43-HA323-0'	830	33	-5.95	35.41
L39-B238-0'	250	18	6.27	39.28
L37-B278-0'	420	26	6.29	39.56
L43-HA323-2'	260	5.9	-6.30	39.71
L38-HA306-0.5'	540	19	-6.34	40.22
L41-B251-1'	120	12	6.37	40.56
L29-B176-0'	290	20	6.39	40.84
L39-B237-1'	180	15	6.55	42.94
L43-HA325-0.5'	200	2.7	-6.69	44.70
L42-B292-0'	2,200	110	6.76	45.65
L31-B269-0'	150	14	6.96	48.45
L36-HA221-1'	190	16	7.08	50.18
L36-HA316-0'	600	21	-7.16	51.23
L36-HA318-0.5'	520	17	-7.40	54.81
L42-B296-0'	950	52	7.42	55.02
L43-HA325-0'	460	14	-7.59	57.57
L36-HA319-0'	760	28	-7.67	58.77
L36-HA220-0'	900	50	7.76	60.28
L42-B294-0'	2,000	86	-7.86	61.75
L38-HA311-0.5'	370	9.5	-7.86	61.84
L38-HA232-0'	440	29	8.35	69.74
L36-HA320-0'	630	21	-8.57	73.36
L36-HA315-0'	740	26	-8.73	76.17
L40-B299-0'	200	0.5	-8.89	78.96
L36-HA219-0.5'	360	26	9.11	82.91
L41-B250-0'	530	34	9.13	83.31
L41-B288-0'	230	20	9.21	84.76
L31-B189-0'	570	36	9.25	85.57
L36-HA217-0.5'	250	21	9.27	85.89
L43-HA327-0'	480	13	-9.53	90.74
L36-HA218-0'	710	43	9.68	93.71
L41-B283-0.5'	590	18	-9.69	93.86
L36-HA220-0.5'	410	29	9.76	95.24
L31-B187-0'	550	16	-9.81	96.25
L37-B275-0'	280	23	9.86	97.22
L43-HA264-0'	470	32	9.94	98.87
L37-B223-1'	190	19	10.08	101.68
L36-HA222-0'	560	37	10.72	114.91
L42-B293-0'	300	25	10.92	119.27
L43-HA324-1'	470	11	-11.06	122.25
L37-B225-0'	530	36	11.13	123.82
L42-B295-0'	180	20	11.55	133.47
L38-HA230-0'	670	43	11.56	133.58
L39-B330-0'	730	22	-12.26	150.26
L43-HA259-0.5'	480	35	12.47	155.60
L31-B266-0'	300	27	12.92	166.96
L37-B274-0'	720	47	13.21	174.53
L42-B257-0'	410	33	13.76	189.31
L37-B279-0'	170	22	14.02	196.62
L43-HA324-0.5'	690	18	-14.38	206.81
L43-HA262-0'	690	47	14.62	213.72
L38-HA307-1'	420	3.6	-16.11	259.54
L43-HA328-0'	670	15	-16.44	270.35
L40-B241-0'	480	39	16.47	271.40
L43-HA261-0'	830	56	17.05	290.67
L43-HA324-0'	1,900	72	-17.17	294.64
L31-B188-0'	170	26	18.02	324.80
L39-B237-0'	660	49	18.03	324.97
L38-HA307-0'	1,600	57	-18.09	327.12
L40-B242-0'	680	50	18.09	327.19
L36-HA221-0'	710	52	18.68	348.96
L43-HA326-0'	1,300	42	-19.01	361.29
L36-HA217-0'	800	57	19.46	378.57
L37-B223-0'	910	63	20.29	411.87
L37-B224-0'	190	30	21.08	444.51
L43-HA259-0'	260	36	23.80	566.37
L43-HA322-0.5'	2,000	70	-23.86	569.20

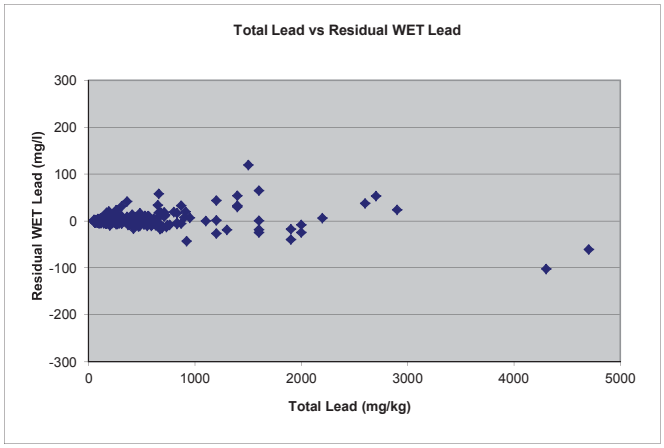
slope	y-intercept	predicted WET	residual WET
0.0469	0		
		25.3	-5.34
		14.5	-5.35
		28.6	5.37
		8.0	-5.38
		26.7	-5.75
		5.2	5.84
		12.7	-5.87
		14.1	5.92
		39.0	-5.95
		11.7	6.27
		19.7	6.29
		12.2	-6.30
		25.3	-6.34
		5.6	6.37
		13.6	6.39
		8.4	6.55
		9.4	-6.69
		103.2	6.76
		7.0	6.96
		8.9	7.08
		28.2	-7.16
		24.4	-7.40
		44.6	7.42
		21.6	-7.59
		35.7	-7.67
		42.2	7.76
		93.9	-7.86
		17.4	-7.86
		20.6	8.35
		29.6	-8.57
		34.7	-8.73
		9.4	-8.89
		16.9	9.11
		24.9	9.13
		10.8	9.21
		26.7	9.25
		11.7	9.27
		22.5	-9.53
		33.3	9.68
		27.7	-9.69
		19.2	9.76
		25.8	-9.81
		13.1	9.86
		22.1	9.94
		8.9	10.08
		26.3	10.72
		14.1	10.92
		22.1	-11.06
		24.9	11.13
		8.4	11.55
		31.4	11.56
		34.3	-12.26
		22.5	12.47
		14.1	12.92
		33.8	13.21
		19.2	13.76
		8.0	14.02
		32.4	-14.38
		32.4	14.62
		19.7	-16.11
		31.4	-16.44
		22.5	16.47
		39.0	17.05
		89.2	-17.17
		8.0	18.02
		31.0	18.03
		75.1	-18.09
		31.9	18.09
		33.3	18.68
		61.0	-19.01
		37.5	19.46
		42.7	20.29
		8.9	21.08
		12.2	23.80
		93.9	-23.86

Project Name: **Highway 99 Gore Points**
Geocon Project No.: **S9805-01-58**

Sample ID	Total Lead (mg/kg)	WET Lead (mg/l)	Residual WET Lead (mg/l)	Squared Residual WET Lead (mg/l)
L41-B283-0'	2,900	160	23.91	571.50
L38-HA309-0'	1,600	51	-24.09	580.15
L38-HA308-0'	1,200	30	-26.31	692.47
L43-HA260-0'	1,400	96	30.30	918.06
L39-B237-0.5'	310	46	31.45	989.23
L41-B285-0'	870	74	33.17	1100.37
L42-B255-0'	1,400	99	33.30	1108.85
L41-B287-0'	650	64	33.50	1121.99
L42-B254-0'	2,600	160	37.98	1442.84
L38-HA306-0'	1,900	50	-39.17	1533.90
L37-B277-0'	360	59	42.11	1772.88
L43-HA329-0'	920	0.5	-42.67	1821.13
L42-B256-0'	1,200	100	43.69	1908.40
L42-B258-0'	2,700	180	53.29	2840.01
L42-B291-0'	1,400	120	54.30	2948.43
L41-B284-0'	660	89	58.03	3367.12
L41-B248-0'	4,700	160	-60.57	3668.26
L42-B297-0'	1,600	140	64.91	4213.78
L43-HA322-1'	4,300	100	-101.79	10362.13
L41-B249-0'	1,500	190	119.61	14305.73

slope	y-intercept	predicted WET	residual WET
0.0469	0		
		136.1	23.91
		75.1	-24.09
		56.3	-26.31
		65.7	30.30
		14.5	31.45
		40.8	33.17
		65.7	33.30
		30.5	33.50
		122.0	37.98
		89.2	-39.17
		16.9	42.11
		43.2	-42.67
		56.3	43.69
		126.7	53.29
		65.7	54.30
		31.0	58.03
		220.6	-60.57
		75.1	64.91
		201.8	-101.79
		70.4	119.61





DEPARTMENT OF TRANSPORTATION
DISTRICT 3
703 B STREET
MARYSVILLE, CA 95901
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Serious Drought.
Serious drought.
Help save water!

November 20, 2015

03-SAC-99-8.5/22.4
EA 03-3F940

Mr. Evan Jacobs
Northern California Manager – External Affairs
California American Water
4701 Beloit Drive
Sacramento, CA 95838

Dear Mr. Jacobs:

Caltrans will advertise a contract to pave narrow areas and other roadside worker safety elements on State Route 99 in and near Elk Grove and Sacramento (project title sheet attached). The projected starting date for project construction is October of 2016.

Please let us know whether sufficient quantity of potable or non-potable water is for this project. Approximately 72,000 gallons of water will be required during construction.

If possible, please provide a response by December 1st, 2015. If you have any questions regarding this project please contact me via email at james.williamson@dot.ca.gov or telephone

Sincerely,

JAMES WILLIAMSON
Landscape Associate

Enclosures:
Project Plans title sheet

Williamson, James G@DOT

From: Evan.Jacobs@amwater.com
Sent: Friday, November 20, 2015 3:24 PM
To: Williamson, James G@DOT
Cc: Cristina.Courtright@amwater.com
Subject: Re: Caltrans water availability request
Attachments: image001.gif; 03-3F940 Title Sheet.pdf; 03-3F940-Request Letter for Water Availablity.pdf

James-

I don't anticipate a problem with this request. We have hydrant meters available for construction and your folks should work with Cristina Courtright (916 568-4229) to secure one before construction begins.

Thanks,

Evan Jacobs
External Affairs Manager
California American Water