Pacific Gas and Electric Company®

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June 25th 2012

Mr. Jerry Wickham
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Reference: **Work Plan for Limited Soil Excavation**
Pacific Gas and Electric Company
L105N Pipeline Property
997 Grant Avenue
San Lorenzo, California 94580
RO#3094

Dear Mr. Wickham:

Enclosed is a limited soil excavation work plan for the PG&E property located at 997 Grant Avenue in San Lorenzo, California. PG&E is currently constructing a pig receiving station on a portion of the site for the L105N natural gas pipeline, and the City of San Lorenzo is planning to develop the unused portion of the site into a public park. This work plan has been prepared to address residual petroleum hydrocarbon contamination in soil related to former site uses and to facilitate current development plans.

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

Sincerely,

Loren Loo
Senior Manager Environmental Remediation
Pacific Gas and Electric Co.
3401 Crow Canyon Road
San Ramon, CA 94583
(925) 415-6381

Enclosure: Work Plan for Limited Soil Excavation

Stantec Consulting Services Inc.
57 Lafayette Circle 2nd Floor
Lafayette CA 94549
Tel: (925) 299-9300
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June 19, 2012

Mr. Jerry Wickham
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Reference: **Work Plan for Limited Soil Excavation**
Pacific Gas and Electric Company
L105N Pipeline Property, 997 Grant Avenue, San Lorenzo, California 94580
Stantec PN: 185702540

Dear Mr. Wickham:

Stantec Consulting Services Inc. (Stantec) is submitting this document entitled, *"Work Plan for Limited Soil Excavation,"* on behalf of Pacific Gas and Electric Company (PG&E), for the L105N Pipeline Property located at 997 Grant Avenue in San Lorenzo, California (the Site; see Figures 1 and 2). PG&E is currently constructing a pig receiving station on a portion of the Site for the L105N natural gas pipeline, and the City of San Lorenzo is planning to develop the unused portion of the Site into a public park. This work plan has been prepared to address residual petroleum hydrocarbon contamination in soil related to former Site uses and to facilitate current development plans.

SITE DESCRIPTION AND HISTORY

The subject property is an approximate 1.4 acre vacant lot located at the northeast corner of Washington Avenue and Grant Avenue in San Lorenzo, California (see Figure 2). The subject property was a former Chevron gas station that received a "Fuel Leak Site Case Closure" from Alameda County Health Care Services Agency (ACHCSA) in a letter dated September 19, 1997. Stantec completed a Phase I Environmental Site Assessment (ESA) for the property dated December 10, 2010, that documented potential residual petroleum hydrocarbon contamination left in-place in soil. The Phase I ESA documented that dissolved hydrocarbons in groundwater were not migrating, aquifers with beneficial uses were not affected, and residual petroleum impacts do not pose a significant risk to human health or the environment.

Stantec's document entitled, *"Limited Phase II Environmental Site Assessment Report,"* dated June 27, 2011, describes additional soil sampling and analysis conducted to assess current petroleum hydrocarbons and metals concentrations in soil. Stantec advanced 12 soil borings at the Site on May 26, 2011, to 10 feet below ground surface (bgs) in the vicinity of the former gas station underground storage tanks (USTs) and pump islands. Soil samples were collected from depths of 2-to 10-feet bgs and submitted for laboratory analysis of

total petroleum hydrocarbons in the diesel range (TPHd) by United States Environmental Protection Agency (US EPA) Method 8015B(M), total petroleum hydrocarbons in the gasoline range (TPHg) and volatile organic compounds (VOCs) by US EPA Method 8260B, and leaking underground fuel tank (LUFT) metals (cadmium, chromium, lead, nickel and zinc) by US EPA Method 6010B. No groundwater was encountered in any of the boreholes.

The Phase II ESA identified the following impacts in soil within the area to be developed by the City into a park (outside of PG&E's fenced pipeline receiving station area):

- Residual TPHg and VOCs (benzene, ethylbenzene, and total xylenes) concentrations above San Francisco Bay Regional Water Quality Control Board (RWQCB) residential environmental screening levels (ESLs) were present at 10 feet bgs in boring SB-6 in the former UST cavity (see Figure 2). The residual concentrations are slightly higher, but similar to the post-cleanup concentrations documented in the "Fuel Leak Site Case Closure" from ACHCSA dated September 19, 1997.

- Residual TPHd concentrations above the San Francisco Bay RWQCB residential ESL were present in a shallow soil samples (3.5 feet bgs) collected in the vicinity of the former southern pump island (boring SB-11; see Figure 2). The deeper sample analyzed from the same boring (7.5 feet bgs) reported TPHd impacts at concentrations below the ESL. No TPHd impacts were detected in the post-cleanup sample results included in the "Fuel Leak Site Case Closure."

A copy of the June 27, 2011, Limited Phase II Environmental Site Assessment Report is included in Attachment 1.

SCOPE OF WORK

The scope of work includes limited soil excavation in the former gas station southern pump island and UST areas to remove soil containing petroleum hydrocarbon concentrations above the corresponding San Francisco Bay RWQCB ESLs for residential land use. The following details the scope of work and tasks required.

Task 1 – Preliminary Activities

A Site-specific Health and Safety Plan (HASP) will be prepared to address soil excavation and potential chemical and physical hazards. A copy of the HASP will be kept on-Site at all times while work is occurring. Stantec's remediation contractor, Engineering/Remediation Resources Group, Inc. (ERRG), will obtain a grading permit from Alameda County Public Works Agency as necessary for excavation activities. The grading permit will be kept on-Site for the duration of the work. In advance of field activities, ERRG will mark the Site area in accordance with Underground Service Alert (USA) guidelines and notify USA of upcoming subsurface activities so that existing underground utilities in the area of proposed work can be located and avoided. A private utility locator will clear the proposed excavation areas for underground utilities and obstructions prior to intrusive field work.

Reference: Work Plan for Limited Soil Excavation
Pacific Gas and Electric Company
L105N Property, 997 Grant Avenue, San Lorenzo, California

Community Notification

PG&E will notify adjacent property owners of the pending work and will distribute a formal work notice to nearby tenants. Stantec will notify ACHCSA staff approximately five days before beginning excavation and ERRG will provide pre-project notification to the Bay Area Air Quality Management District (BAAQMD) in accordance with agency regulations.

Task 2 – Excavation Activities

Excavation activities include removing soil from the two areas (based on borings advanced in conjunction with the Limited Phase II ESA) outside of the fence line of the pig receiver station where fuel hydrocarbons were detected above residential use ESLs. The proposed excavation areas are shown on Figure 3. Excavation will be performed as follows:

Former Fuel Dispenser Island (SB-11)

The contractor will excavate an area 5 feet by 5 feet by 5 feet deep near former soil boring location SB-11 to remove TPHd impacts identified at 3.5 feet bgs. The soil will be temporarily stockpiled on and under plastic sheeting pending the results of confirmation sampling.

Stantec will collect confirmation samples from each sidewall and the bottom of the excavation from the excavator bucket. Soil will be placed in laboratory-supplied containers, labeled, and immediately placed on ice. Samples will be submitted to a State of California-certified laboratory under chain-of-custody documentation. Soil samples will be analyzed on an expedited turnaround for TPHd with a silica gel cleanup using modified US EPA Method 8015B. Stantec will oversee over-excavation and conduct additional confirmation sampling if any results are above the residential ESL. If analytical results are below the ESL, the contractor will backfill and compact the excavation areas with clean imported fill.

Former UST Excavation Area (SB-6)

The target excavation is the depth interval from 8.5 feet bgs to 12.5 feet bgs within a 5-foot by 5-foot area around former boring SB-6. The upper 8.5 feet of soil will be removed and stockpiled for reuse. It is anticipated that the 8.5 feet of overburden material will be primarily fill from the former UST pit. The sidewalls of the upper 8.5 feet of excavation will be sloped as necessary to prevent sloughing of soil. After removal of overburden, excavation will proceed from 8.5- to 12.5-feet bgs to remove the identified petroleum impacts at 10 feet bgs. Soil will be temporarily stockpiled on and under plastic sheeting pending the results of confirmation sampling.

Stantec will collect confirmation samples from the excavator bucket from each sidewall and the bottom of the excavation (if possible, dependent on whether groundwater accumulates in the excavation). Soil will be placed in laboratory-supplied containers, labeled, and immediately placed on ice. Samples will be submitted to a State of California-certified laboratory under chain-of-custody documentation. Soil samples will be analyzed on an expedited turnaround for TPHg and VOCs using US EPA Method 8260B. If necessary, Stantec will oversee over-excavation, to the degree feasible, and perform additional confirmation sampling as described above.

Should groundwater be present in the excavation at the depths where contaminated soil is removed, no additional excavation or confirmation sampling will be performed. If water is present, the excavation will be backfilled with gravel to 1-foot above water level. The remaining excavation will be backfilled and compacted with stockpiled overburden soil and clean imported fill soil, as necessary, to existing grade.

Dust/Odor Control

Dust generation will be controlled by spraying water on soils prior to and during excavation. The need for water application will be monitored visually. The contractor will supply a water truck for dust suppression.

Sustained odors are not anticipated due to the small excavation areas and the use of water to minimize dust. Air monitoring will be performed with a photoionization detector (PID) in the excavation area and on the downwind property boundary. If sustained odors are detected on the property boundary, the excavation will be halted and a vapor suppression spray (ODEX or equivalent) will be applied to reduce odors. Air monitoring will be continued to verify odor control.

Site Security

Access to the site is restricted by temporary construction fencing. Additionally, barricades will be placed around open excavations while the excavations are left open awaiting confirmation sample analytical results.

Soil Transportation and Disposal

The soil has been pre-profiled as non-hazardous (Class II) waste with Republic Services Forward, Inc. Landfill located in Manteca, California, based on the soil sample analytical results from the Limited Phase II ESA. Impacted soil will be loaded and transported to the Republic Services Forward, Inc. landfill for disposal as Non-Hazardous (Class II) waste.

Prior to exiting the Site, vehicles will be swept to remove any extra soil from areas not covered or protected. A cleanup/decontamination area will be set up as close to the loading area as possible so as to minimize spreading the impacted soil. Prior to the off-Site transport, the Site manager will be responsible for inspecting the haul truck(s) to ensure that the payload is adequately covered, the truck is cleaned of excess soil and properly placarded, and that the truck's non-hazardous manifest has been completed and signed by the generator (or its agent) and the transporter.

Site Restoration

After backfilling is completed, contractor will grade and leave the Site similar to the current bare dirt surface.

Task 3 – Reporting

A post-remediation completion report will be prepared to document completion of remedial activities. The report will include a description of field activities completed, a map showing the actual excavated areas and confirmation sample locations, a description of the volume of soil excavated, confirmation sample analytical results, and copies of soil disposal documentation.

Reference: **Work Plan for Limited Soil Excavation**
Pacific Gas and Electric Company
L105N Property, 997 Grant Avenue, San Lorenzo, California

SCHEDULE

Stantec will initiate the scope of work immediately upon ACHCSA approval of the work plan. It is anticipated that the scope of work duration for each task, after approval, will be completed as outlined below.

- Task 1 – Preliminary Activities – 3 weeks
- Task 2 – Excavation Activities – 1 week
- Task 3 – Reporting – 4 weeks after completion of Site activities

Stantec is pleased to provide this work plan for your review and comment. If there are any questions, please contact Greg Hoehn at (925) 444-9307.

Sincerely,

STANTEC CONSULTING SERVICES INC.

Mason Albrecht, PE
Associate Engineer
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greg.hoehn@stantec.com

Attachments: Figure 1 – Site Location Map
Figure 2 – Site Plan
Figure 3 – Proposal Excavations

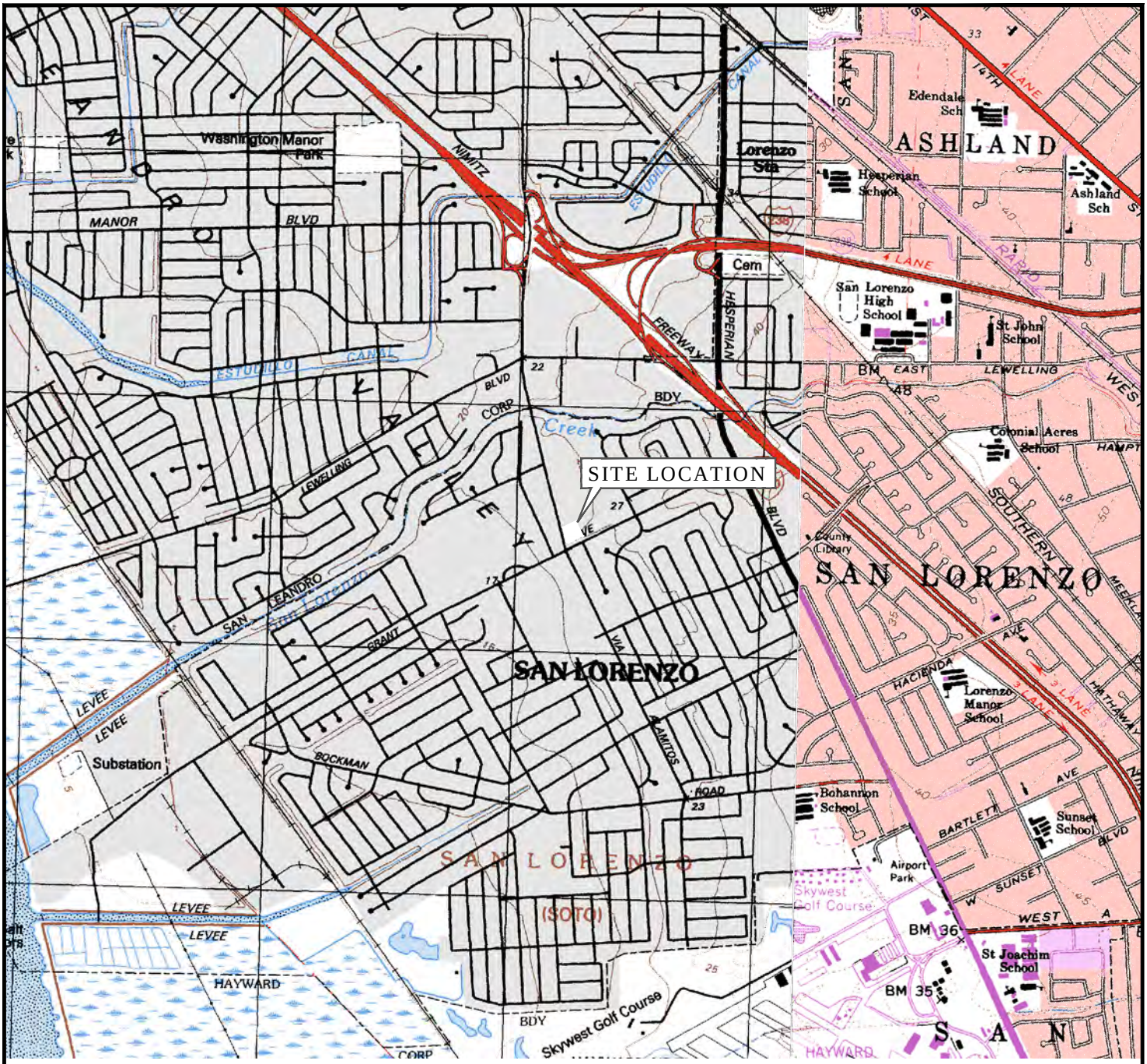
Attachment 1 – Limited Phase II Environmental Site Assessment Report

cc: Anne Conner, PG&E

Stantec

FIGURES

Work Plan for Limited Soil Excavation
Pacific Gas and Electric Company
L105N Property
997 Grant Avenue
San Lorenzo, California
Stantec PN: 185702540.200.0001
June 19, 2012



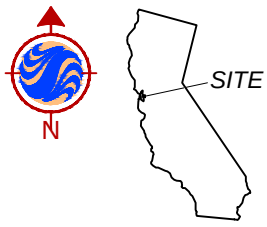


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Image courtesy of the U.S. Geological Survey and Microsoft TerraService OpenGIS Map Server

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FOR:
PACIFIC GAS AND ELECTRIC COMPANY
L105N PROPERTY
997 GRANT AVENUE
SAN LORENZO, CA

SITE LOCATION MAP

FIGURE: 1

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
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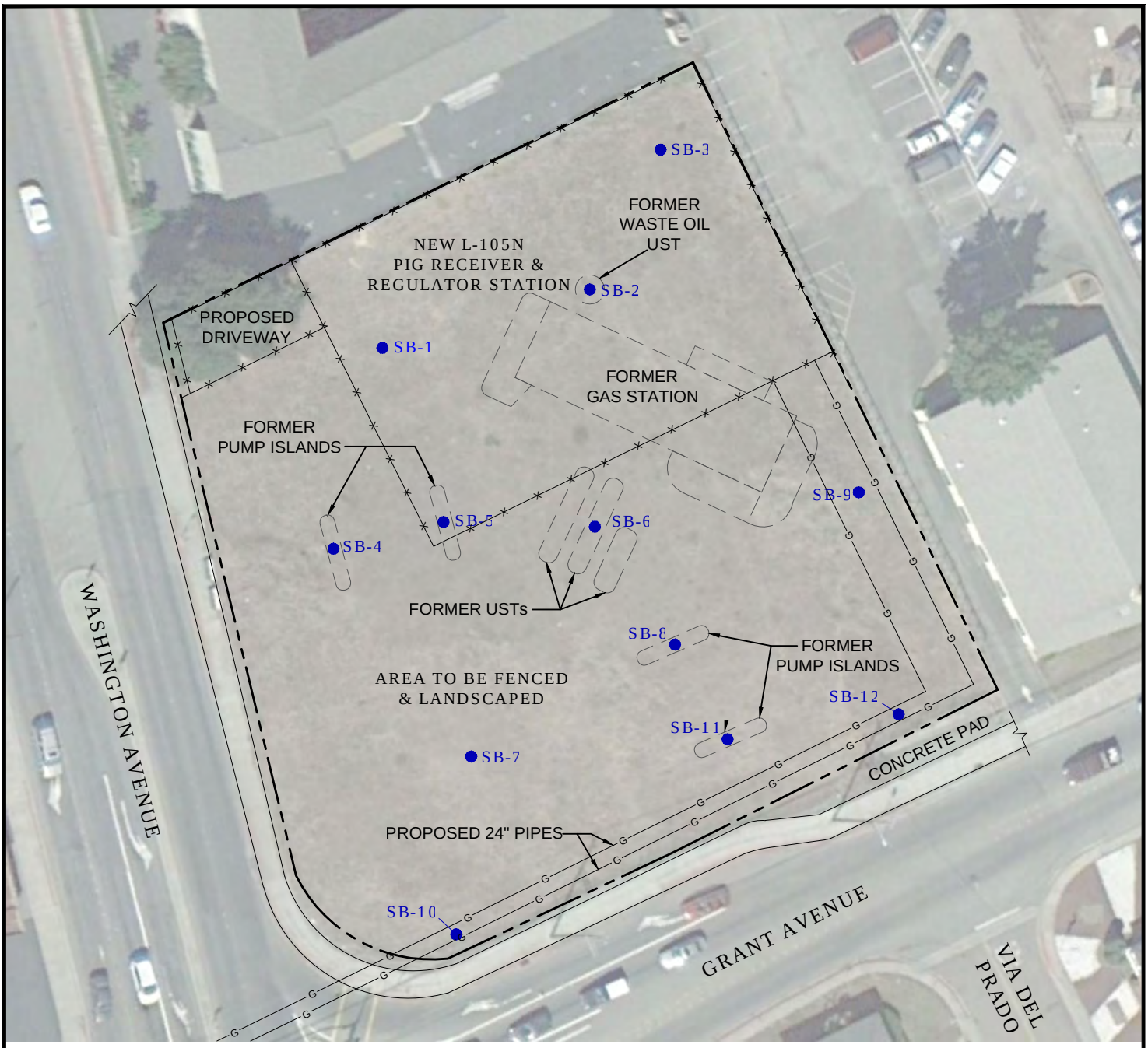

LEGEND:

- SB-1 SOIL BORING LOCATION (MAY 2011)
- APPROXIMATE PROPERTY BOUNDARY
- PROPOSED FENCE LINE
- PROPOSED 24" UNDERGROUND GAS LINES
- FORMER GAS STATION FEATURES

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APPROXIMATE SCALE IN FEET

Image courtesy of the U.S. Geological Survey and Microsoft TerraService OpenGIS Map Server

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L105N PROPERTY
997 GRANT AVENUE
SAN LORENZO, CA

SITE PLAN

FIGURE: 2

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
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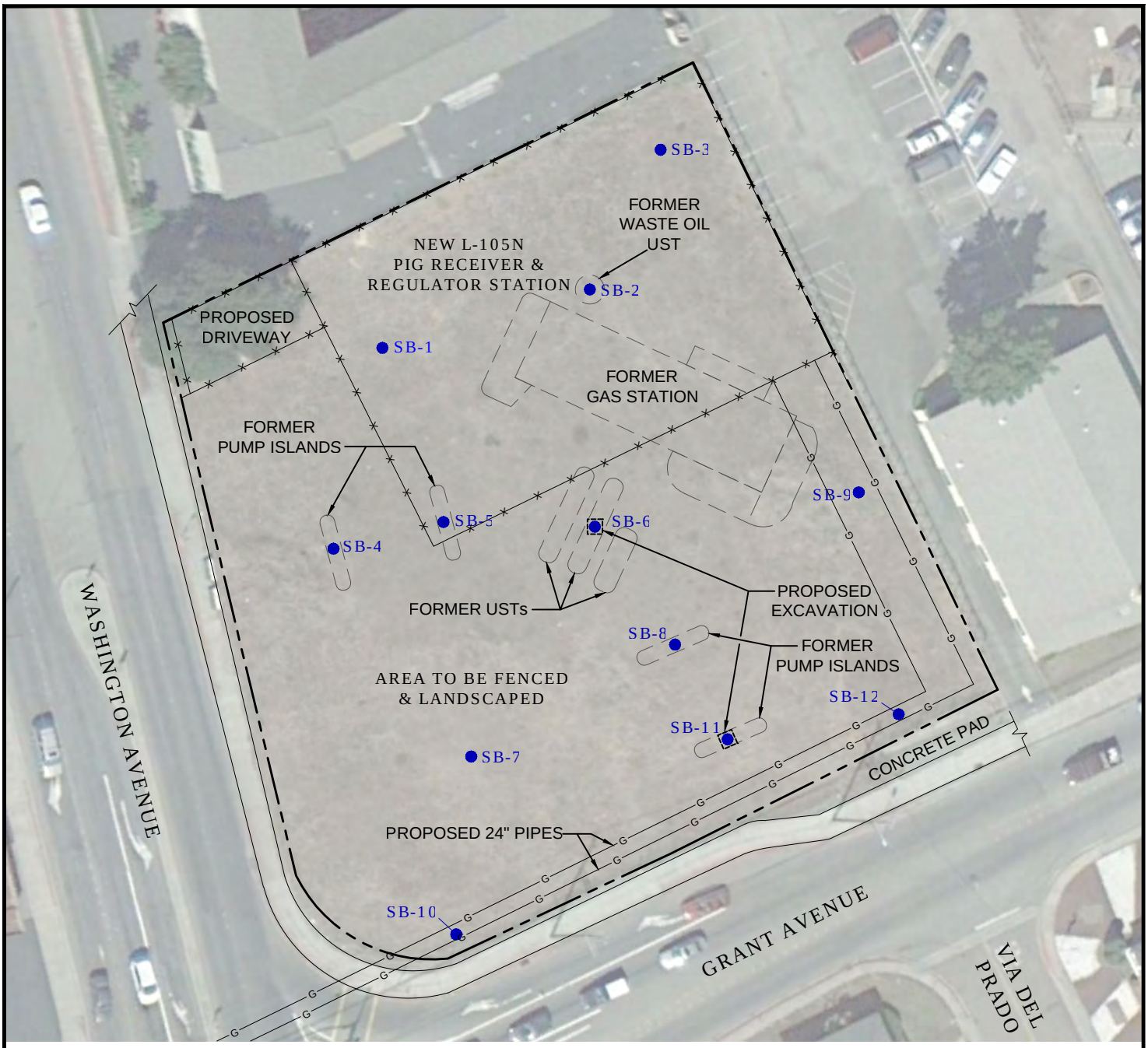

LEGEND:

- SB-1 SOIL BORING LOCATION (MAY 2011)
- APPROXIMATE PROPERTY BOUNDARY
- PROPOSED FENCE LINE
- PROPOSED 24" UNDERGROUND GAS LINES
- FORMER GAS STATION FEATURES
- PROPOSED EXCAVATION

N

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APPROXIMATE SCALE IN FEET

Image courtesy of the U.S. Geological Survey and Microsoft TerraService OpenGIS Map Server

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FOR:
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L105N PROPERTY
997 GRANT AVENUE
SAN LORENZO, CA

PROPOSED EXCAVATIONS

FIGURE: 3

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
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Stantec

ATTACHMENT 1
Limited Phase II Environmental Site Assessment Report

Work Plan for Limited Soil Excavation
Pacific Gas and Electric Company
L105N Property
997 Grant Avenue
San Lorenzo, California
Stantec PN: 185702540.200.0001
June 19, 2012

Limited Phase II Environmental Site Assessment Report
Pacific Gas and Electric Company
L105N Property

997 Grant Avenue
San Lorenzo, California 94580
PN: 185702404

June 27, 2011

Limitations and Certifications

This report was prepared in accordance with the scope of work outlined in Stantec's contract and with generally accepted professional engineering and environmental consulting practices existing at the time this report was prepared and applicable to the location of the site. It was prepared for the exclusive use of Pacific Gas and Electric Company for the express purpose stated above. Any re-use of this report for a different purpose or by others not identified above shall be at the user's sole risk without liability to Stantec. To the extent that this report is based on information provided to Stantec by third parties, Stantec may have made efforts to verify this third party information, but Stantec cannot guarantee the completeness or accuracy of this information. The opinions expressed and data collected are based on the conditions of the site existing at the time of the field investigation. No other warranties, expressed or implied are made by Stantec.

Prepared by:

Khamly Chuop
Project Scientist

Reviewed by:

Greg D. Hoehn
Principal Geologist

Information, conclusions, and recommendations provided by Stantec in this document has been prepared under the supervision of and reviewed by the licensed professional whose signature appears below.

Licensed Approver:

Bruce E. Scarbrough, P.G., #4931
Principal Geologist

PROFESSIONAL GEOLOGIST
BRUCE SCARBROUGH
No. 4931
Exp 10/11
STATE OF CALIFORNIA

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Note: Tables and Figures appear at end of report

LIST OF APPENDICES

1.0 Introduction

Stantec Consulting Corporation (Stantec) has prepared this Limited Phase II Environmental Site Assessment Report (Limited Phase II ESA) for the Pacific Gas and Electric Company (PG&E) L105N Property (subject property) located at 997 Grant Avenue in San Lorenzo, California (see Figure 1). The subject property is an approximately 1.4 acre vacant lot located at the northeast corner of Washington Avenue and Grant Avenue in San Lorenzo, California. The subject property was a former Chevron gas station that received a "Fuel Leak Site Case Closure" from Alameda County Health Care Services in a letter dated September 19, 1997. Stantec completed a Phase I ESA for the property dated December 10, 2010, that documented the previous hydrocarbon contamination at the subject property.

Stantec understands that PG&E has purchased the subject property to potentially use as a receiver site associated with the L105N pipeline. This Limited Phase II ESA has been conducted to assess current petroleum hydrocarbon, volatile organic compound (VOC), and Leaking Underground Fuel Tank (LUFT) metals concentrations in soil. Investigation at the subject property was conducted in general accordance with Stantec's May 12, 2011, "Revised Proposal for a Limited Phase II ESA", with the exception of the collection of grab groundwater samples. Stantec's May 12, 2011, proposal included the collection of grab groundwater samples. As directed by PG&E, grab groundwater samples were not collected as part of this Limited Phase II ESA.

2.0 Scope of Work

The scope of work consisted of advancing a total of 12 direct-push soil borings to approximately 10 feet below ground surface (ft-bgs) on May 26, 2011. Soil boring locations were placed in the vicinity of former gas station features. A minimum of two soil samples were collected from each soil boring. Soil boring locations are shown on Figure 2. The following sections summarize the Limited Phase II ESA scope of work and procedures. The results of the Limited Phase II ESA are described in Section 3.0.

2.1 PRE-FIELD ACTIVITIES

Prior to conducting field work, Stantec prepared a site-specific health and safety plan (HASP) describing the proposed scope of work and detailing safety precautions, potential chemical exposure concerns, emergency response procedures, the location of and route to the nearest hospital, and on-site personnel responsible for managing an emergency situation. A copy of the HASP was kept on-site during all field activities.

Stantec obtained soil boring permits from the Alameda County Public Works Agency (ACPWA; Appendix A). At least 48 hours prior to performing any subsurface work, Stantec marked the subject property in white paint and notified Underground Surface Alert (USA). On May 25, 2011, Stantec met at the subject property with Cruz Brothers Locators, a private utility locator, to clear the proposed soil boring locations of subsurface utilities or other obstructions.

2.2 SUBSURFACE INVESTIGATION – PROCEDURES AND METHODS

On May 26, 2011, Stantec oversaw the advancement of 12 soil borings (SB-1 through SB-12) by Environmental Control Associates (ECA) of Aptos, California, a California-licensed driller. Soil boring locations were placed in the vicinity of former gas station features (Figure 2).

All borings were completed under the supervision of a Stantec scientist and were advanced using a hydraulically driven GeoProbe™ direct-push sampling system. The initial 5 feet were cleared using hand tools. Recovered GeoProbe™ soil cores were inspected and logged by a Stantec scientist using the Unified Soil Classification System (USCS), and screened periodically for the presence of volatile organic vapors using a photoionization detector (PID) equipped with a 10.2 eV lamp and calibrated with an isobutylene standard. Soil was observed to be predominantly silt and clay. PID readings ranged from not detected (0 parts per million or ppm) to a high of 822 ppm at soil boring SB-6, located in the vicinity of the former USTs. Field observations and PID readings were recorded on the field soil boring logs included as Appendix B.

Stantec retained two soil samples from each of the 12 soil borings for chemical testing, with the exception of soil boring SB-6 from which a third soil sample was analyzed based on an elevated PID reading observed at 10 ft-bgs.

No groundwater was encountered in any of the boreholes; however, a sandy moist to wet zone was encountered between 6 to 9 ft-bgs at soil borings SB-1, SB-4, SB-6, SB-8, and SB-11.

Following removal of the soil sampling equipment, each borehole was backfilled using Portland cement grout to ground surface.

Soil samples were submitted under chain-of-custody procedures to Calscience Environmental Laboratories, Inc. (Calscience) in Garden Grove, California for the following analyses:

- Total petroleum hydrocarbons as diesel (TPHd) using modified U.S. Environmental Protection Agency (EPA) Method 8015M, after a silica gel cleanup;
- Total petroleum hydrocarbons as gasoline (TPHg), reported as total purgeable petroleum hydrocarbons (TPPH) by Calscience, and VOCs using EPA Method 8260B; and,
- LUFT Metals (cadmium, total chromium, lead, nickel and zinc) using EPA Method 6010B.

3.0 Analytical Results

Analytical results for soil samples are summarized on Table 1. For comparison purposes, the San Francisco Bay Regional Water Quality Control Board (RWQCB) residential and commercial/industrial environmental screening levels (ESLs) where groundwater is a current or potential source of drinking water are included on Table 1. All soil sample results were compared to the shallow (<3m) ESLs. ESLs are not promulgated cleanup standards, but are conservative screening concentrations used to assess whether further evaluation of potential risks posed by the presence of organic chemicals or metals in soil are warranted. Also included on Table 1 are California Code of Regulations (Title 22) soluble threshold limit concentration (STLC) and total threshold limit concentration (TTLC) values which are criteria utilized to profile soil for landfill disposal. The complete laboratory report is included as Appendix C. The soil sample results are summarized below:

- TPHd was detected above the laboratory reporting limit in 11 soil samples collected from six soil borings: SB-1, SB-2, SB-5, SB-6, SB-8, and SB-11. Detected concentrations ranged from 8.1 milligrams per kilogram (mg/kg) to 290 mg/kg. Two of the results (120 mg/kg at 3.5 ft-bgs from soil boring SB-11 and 290 mg/kg at 2 ft-bgs from soil boring SB-6) are above the applicable residential and commercial/industrial ESL of 83 mg/kg.

- TPHg (reported by the laboratory as TPPH) was detected above the laboratory reporting limit in two soil samples collected at 10 ft-bgs from soil boring SB-4 and at 10 ft-bgs from soil boring SB-6 at concentrations of 0.9 mg/kg and 510 mg/kg, respectively. The sample from soil boring SB-6 exceeds the ESL value of 83 mg/kg for TPHg.

- The only VOCs detected above the laboratory reporting limits were reported in the soil sample collected at 10 ft-bgs from soil boring SB-6, advanced near the former USTs. The following VOCs and concentrations were detected in this sample:

    - Benzene at 1,300 micrograms per kilogram (µg/kg);
    - n-Butylbenzene at 3,700 µg/kg;
    - sec-Butylbenzene at 1,000 µg/kg;
    - Ethylbenzene at 12,000 µg/kg;
    - Isopropylbenzene at 2,100 µg/kg;
    - p-Isopropyltoluene at 600 µg/kg;
    - n-propylbenzene at 7,400 µg/kg;
    - 1,2,4-Trimethylbenzene at 34,000 µg/kg;
    - 1,3,5-Trimethylbenzene at 12,000 µg/kg;
    - p/m-xylenes at 16,000 µg/kg; and,
    - o-xylene at 10,000 µg/kg.

Of the detected concentrations listed above, benzene, ethylbenzene, p/m-xylenes, and o-xylene exceeded their respective ESL value.

- The LUFT metals total chromium, lead, nickel, and zinc were detected above the laboratory-reporting limit in all soil samples analyzed. No cadmium was detected in any of the soil samples analyzed. No metals concentrations exceeded their respective ESL. The metals results concentration ranges are as follows:

    - Total chromium from 16.5 mg/kg to 34.3 mg/kg;
    - Lead from 3.65 to 14.2 mg/kg;
    - Nickel from 22.4 to 58.6 mg/kg; and,
    - Zinc from 24.2 to 65.7 mg/kg.

Figure 3 depicts the TPH and VOC results. LUFT metals are not shown on Figure 3 since no detections exceeded the ESL values.

4.0 Conclusions and Recommendation of Limited Phase II ESA

After reviewing the data for the 25 soil samples analyzed for TPHd, TPHg (reported as TPPH), VOCs and LUFT metals, Stantec concludes the following:

- Residual gasoline range hydrocarbon impacts above San Francisco Bay RWQCB residential and commercial/industrial ESLs are present at depth (greater than 8.5 ft-bgs) in the former UST cavity, based on the data acquired from boring SB-6. The residual gasoline range hydrocarbons and VOCs detected in the sample at 10 ft-bgs from SB-6 are slightly higher, but similar to the post-cleanup concentrations documented in the "Fuel Leak Site Case Closure" from Alameda County Health Care Services, dated September 19, 1997. The post-cleanup and current maximum impacts are as follows:

Analyte	Post-cleanup Concentration (mg/kg)	Current Concentration (mg/kg)
Gasoline Range Hydrocarbons	270	510
Benzene	0.056	1.3
Ethylbenzene	3	12
Total Xylenes	9	26

- Residual diesel range hydrocarbon impacts above San Francisco Bay RWQCB residential and commercial/industrial ESLs are present in two shallow soil samples (2 and 3.5 bgs) collected at in the vicinity of the former pump islands (borings SB-5 and SB-11). In both borings, the deeper sample analyzed from the same boring reported diesel range hydrocarbon impacts at concentrations below the ESL. Note that no diesel range impacts were detected in the post-cleanup sample results included in the "Fuel Leak Site Case Closure."

Based on the results of the Limited Phase II ESA, Stantec recommends the following:

- The data obtained in this investigation should be used to plan any potential construction projects, protect worker safety and/or manage handling, profiling, and disposal of soil encountered during construction or other intrusive work at the subject property.

TABLE

Phase II Environmental Site Assessment Report
Pacific Gas and Electric Company L105N Property
997 Grant Avenue, San Lorenzo
PN: 185702404
June 27, 2011

Table 1
Soil Sample Analytical Results
PG&E L105N Property
997 Grant Avenue
San Lorenzo, California

Boring Name	Sample Depth (ft bgs)	Sample Date	TPH	TPPH (TPHg)	VOCs												LUFT Metals				
			EPA Method 8015B with silica gel cleanup (mg/kg)	EPA Method 8260B (mg/kg)	EPA Method 8260B (µg/kg)												EPA Method 6010B (mg/kg)				
			TPH as Diesel	TPPH (TPHg)	Benzene	n-Butylbenzene	sec-Butylbenzene	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	n-Propylbenzene	1,2,4-TMB	1,3,5-TMB	p/m-Xylenes	o-Xylene	All Other VOCs	Cadmium	Total Chromium	Lead	Nickel	Zinc
SB-1	2	05/26/11	**18 Y**	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0-500	<0.500	**23.6**	**4.76**	**31.9**	**29.8**
	6	05/26/11	<5.0	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0-500	<0.500	**17.3**	**3.77**	**24.4**	**25.1**
SB-2	2	05/26/11	**31 Y**	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0-500	<0.500	**26.4**	**12.7**	**37.2**	**42.4**
	10	05/26/11	<5.0	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0-500	<0.500	**34.2**	**6.45**	**45.1**	**39.2**
SB-3	2	05/26/11	<5.0	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0-500	<0.500	**30.6**	**6.15**	**45.3**	**38.2**
	10	05/26/11	<5.0	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0-500	<0.500	**32.0**	**6.60**	**58.6**	**40.8**
SB-4	2	05/26/11	<5.0	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0-500	<0.500	**28.2**	**5.28**	**39.6**	**36.0**
	10	05/26/11	<5.0	**0.9**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0-500	<0.500	**28.1**	**6.11**	**34.5**	**29.9**
SB-5	2	05/26/11	**290 Y**	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0-500	<0.500	**26.1**	**9.69**	**31.3**	**36.1**
	10	05/26/11	**59 Y**	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0-500	<0.500	**16.5**	**8.69**	**25.6**	**64.1**
SB-6	2	05/26/11	**45 Y**	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0-500	<0.500	**25.8**	**14.2**	**34.3**	**65.7**
	8.5	05/26/11	**32 Y**	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0-500	<0.500	**27.8**	**7.59**	**35.5**	**39.6**
	10	05/26/11	**34 Y**	**510**	**1,300**	**3,700**	**1,000**	**12,000**	**2,100**	**600**	**7,400**	**34,000**	**12,000**	**16,000**	**10,000**	<500-50,000	<0.500	**32.5**	**6.66**	**41.9**	**36.8**
SB-7	2	05/26/11	<5.0	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0-500	<0.500	**23.9**	**5.24**	**33.8**	**31.4**
	10	05/26/11	<5.0	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0-500	<0.500	**26.3**	**5.61**	**29.0**	**32.8**
SB-8	2	05/26/11	**5.5**	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0-500	<0.500	**31.2**	**8.19**	**40.2**	**43.7**
	6.5	05/26/11	**8.7**	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0-500	<0.500	**28.6**	**5.81**	**39.9**	**39.2**
SB-9	2	05/26/11	<5.0	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0-500	<0.500	**27.8**	**5.39**	**36.9**	**34.6**
	10	05/26/11	<5.0	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0-500	<0.500	**34.3**	**7.33**	**50.2**	**40.6**
SB-10	2	05/26/11	<5.0	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0-500	<0.500	**31.2**	**6.01**	**42.6**	**39.9**
	10	05/26/11	<5.0	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0-500	<0.500	**29.8**	**5.97**	**41.1**	**39.0**
SB-11	3.5	05/26/11	**120 Y**	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0-500	<0.500	**29.4**	**8.15**	**42.3**	**42.5**
	7.5	05/26/11	**8.1**	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0-500	<0.500	**17.0**	**3.65**	**22.4**	**24.2**
SB-12	2	05/26/11	<5.0	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0-500	<0.500	**26.1**	**11.5**	**35.8**	**35.1**
	10	05/26/11	<5.0	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0-500	<0.500	**20.6**	**4.92**	**31.0**	**26.6**
		STLC Value	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	1.0	5.0	5.0	20	250
		TTLC Value	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	100	2,500	1,000	2,000	5,000
ESL[1]		**Residential (<3m)**	83	83	44	NE	NE	2,300	NE	NE	NE	NE	NE	2,300	2,300	NA	1.7	1,000	200	150	600
		Residential (>3m)	83	83	44	NE	NE	3,300	NE	NE	NE	NE	NE	2,300	2,300	NA	39	2,500	750	260	2,500
ESL[2]		**Commercial/Ind (<3m)**	83	83	44	NE	NE	3,300	NE	NE	NE	NE	NE	2,300	2,300	NA	7.4	2,500	750	150	600
		Commercial/Ind (>3m)	83	83	44	NE	NE	3,300	NE	NE	NE	NE	NE	2,300	2,300	NA	39	5,000	750	260	5,000

Notes:

Only COCs detected in one or more samples are displayed. See the laboratory report for a complete list of analytes and reporting limits for the VOC analyses.

Y Sample exhibits chromatographic pattern which does not match the laboratory standard.

1 Environmental Screening Levels (ESLs) established by the San Francisco Bay Regional Water Quality Control Board (RWQCB)for exposure to subsurface soils in a residential setting, where groundwater is a current or potential source of drinking water (SF Bay RWQCB, Interim Final, May 2008, Summary Tables A and C).

2 Environmental Screening Levels (ESLs) established by the San Francisco Bay Regional Water Quality Control Board (RWQCB) for exposure to subsurface soils in a commercial/industrial setting, where groundwater is a current or potential source of drinking water (SF Bay RWQCB, Interim Final, May 2008, Summary Tables B and D).

Value exceeds the shallow soil (<3m) residential and commercial/industrial use ESLs.

STLC= Soluble threshold limit concentration
TTLC= Total threshold limit concentration
EPA= Environmental Protection Agency
VOCs= Volatile organic compounds
LUFT= Leaking underground fuel tank
mg/kg= Milligrams per kilogram
µg/kg= Micrograms per kilogram
ft bgs= Feet below ground surface
TPHd= Total petroleum hydrocarbons as diesel
TPHg= Total petroleum hydrocarbons as gasoline; reported as TPPH by the laboratory.
TPPH= Total purgeable petroleum hydrocarbons
TMB= Trimethylbenzene
NE= Not established
<= Analyte not detected at shown reporting limit.

FIGURES

Phase II Environmental Site Assessment Report
Pacific Gas and Electric Company L105N Property
997 Grant Avenue, San Lorenzo
PN: 185702404
June 27, 2011

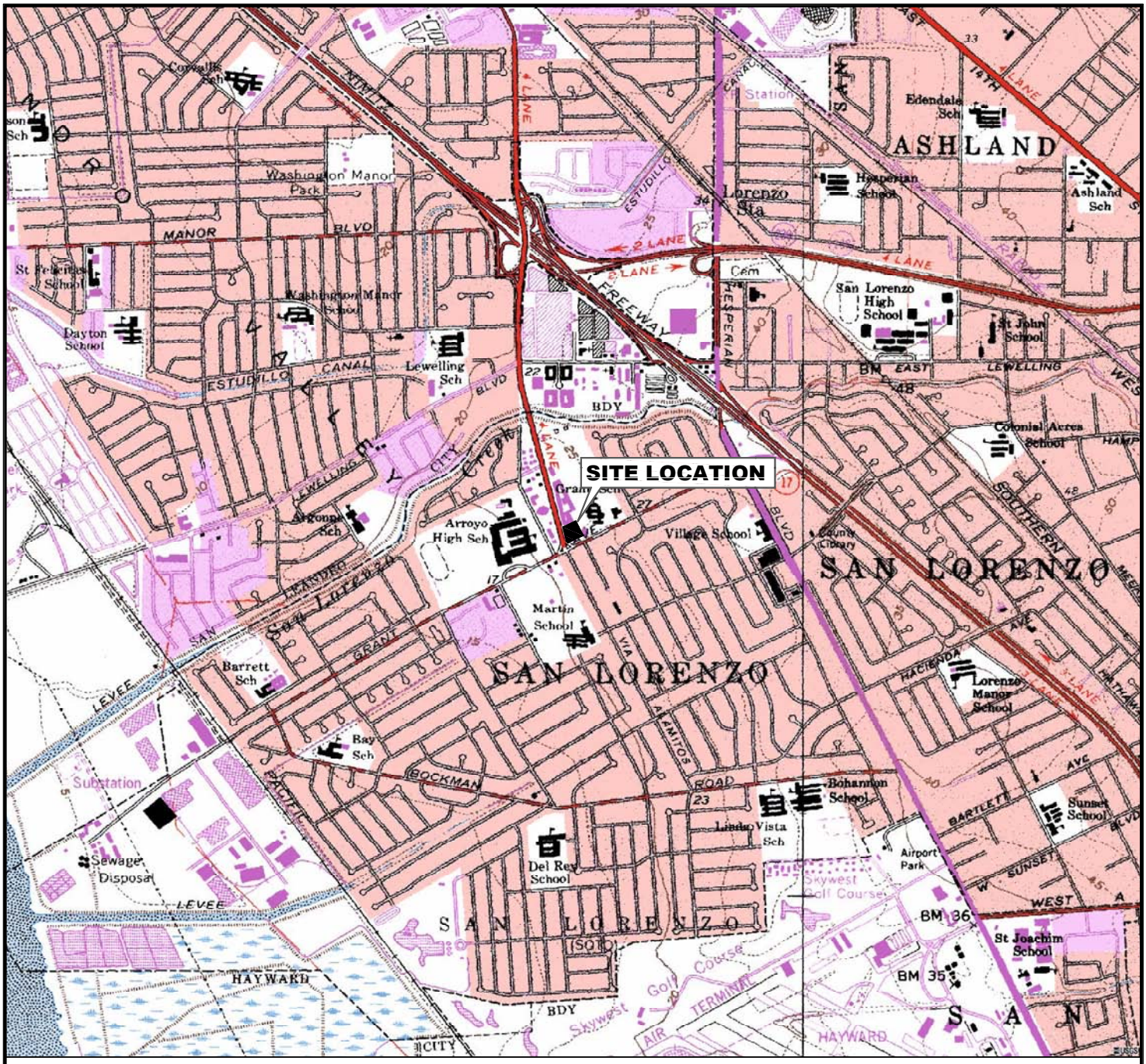

Image courtesy of the U.S. Geological Survey and Microsoft TerraService OpenGIS Map Server

Stantec
57 Lafayette Circle, 2nd Floor
Lafayette California
PHONE: (925) 299-9300 FAX: (925) 299-9302

FOR:
PACIFIC GAS AND ELECTRIC COMPANY
L105N PROPERTY
997 GRANT AVENUE
SAN LORENZO, CA

SITE LOCATION MAP

FIGURE: 1

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
185702404.200.0001	RRR	KC	GH	05/31/11

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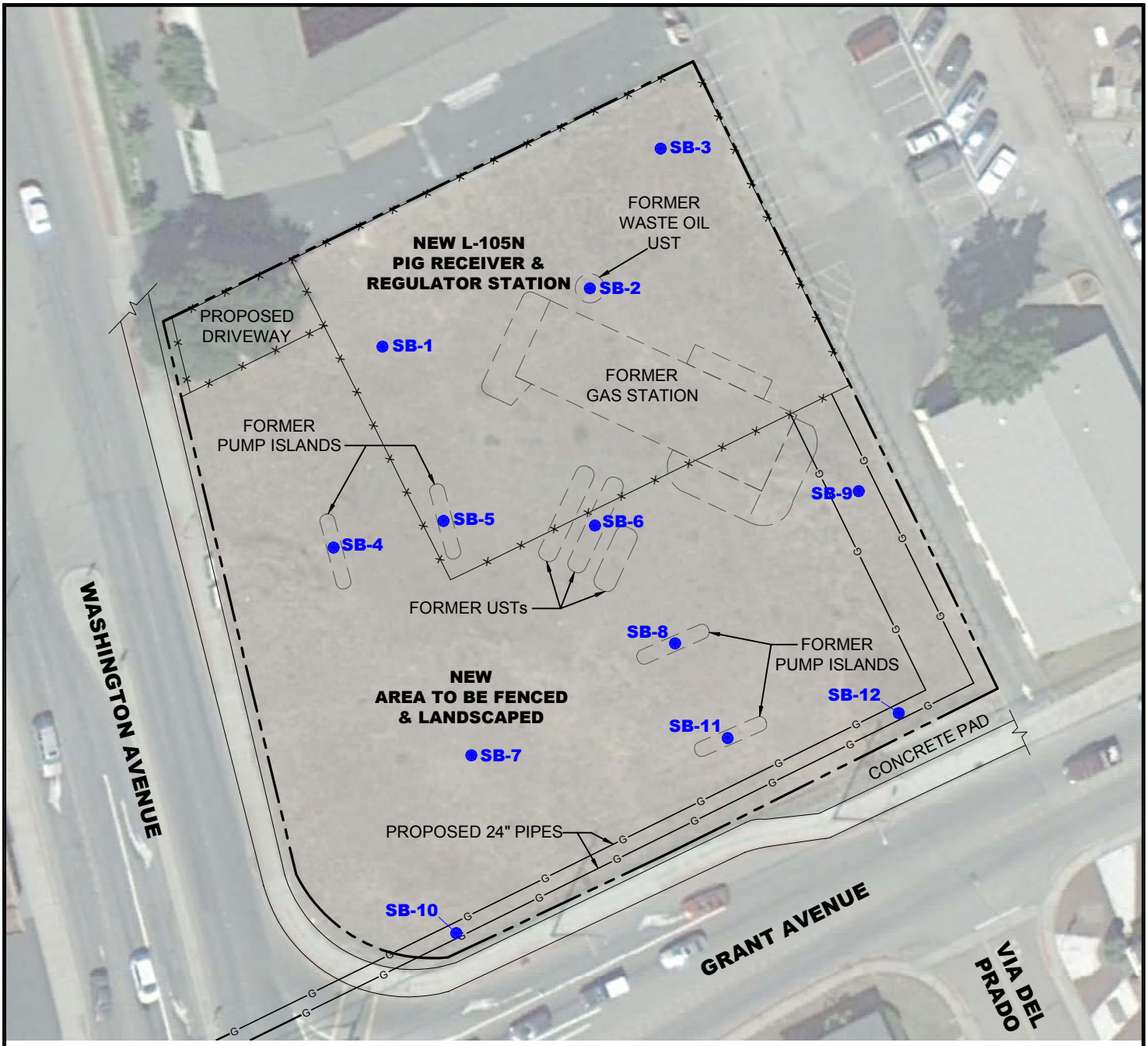

LEGEND:

- SB-1 SOIL BORING LOCATION
- APPROXIMATE PROPERTY BOUNDARY
- PROPOSED FENCE LINE
- PROPOSED 24" UNDERGROUND GAS LINES
- FORMER GAS STATION FEATURES

N

0 50 100

APPROXIMATE SCALE IN FEET

Image courtesy of the U.S. Geological Survey and Microsoft TerraService OpenGIS Map Server

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Lafayette California
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FOR:
PACIFIC GAS AND ELECTRIC COMPANY
L105N PROPERTY
997 GRANT AVENUE
SAN LORENZO, CA

SITE PLAN

FIGURE: 2

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
185702404.200.0001	RRR	KC	GH	06/16/11

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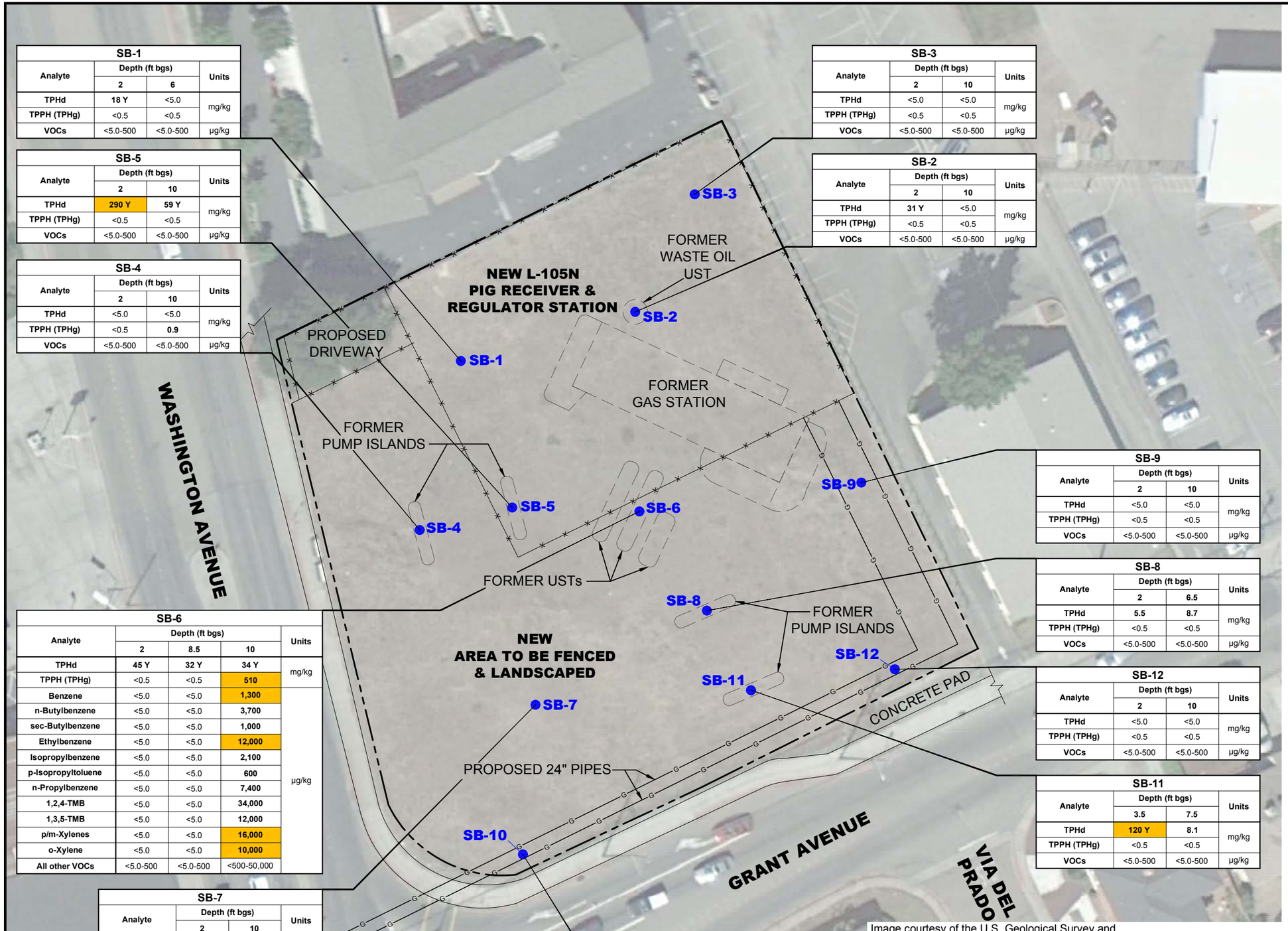

SB-1			
Analyte	Depth (ft bgs)		Units
	2	6	
TPHd	18 Y	<5.0	mg/kg
TPPH (TPHg)	<0.5	<0.5	
VOCs	<5.0-500	<5.0-500	µg/kg

SB-3			
Analyte	Depth (ft bgs)		Units
	2	10	
TPHd	<5.0	<5.0	mg/kg
TPPH (TPHg)	<0.5	<0.5	
VOCs	<5.0-500	<5.0-500	µg/kg

SB-5			
Analyte	Depth (ft bgs)		Units
	2	10	
TPHd	290 Y	59 Y	mg/kg
TPPH (TPHg)	<0.5	<0.5	
VOCs	<5.0-500	<5.0-500	µg/kg

SB-2			
Analyte	Depth (ft bgs)		Units
	2	10	
TPHd	31 Y	<5.0	mg/kg
TPPH (TPHg)	<0.5	<0.5	
VOCs	<5.0-500	<5.0-500	µg/kg

SB-4			
Analyte	Depth (ft bgs)		Units
	2	10	
TPHd	<5.0	<5.0	mg/kg
TPPH (TPHg)	<0.5	0.9	
VOCs	<5.0-500	<5.0-500	µg/kg

SB-9			
Analyte	Depth (ft bgs)		Units
	2	10	
TPHd	<5.0	<5.0	mg/kg
TPPH (TPHg)	<0.5	<0.5	
VOCs	<5.0-500	<5.0-500	µg/kg

SB-8			
Analyte	Depth (ft bgs)		Units
	2	6.5	
TPHd	5.5	8.7	mg/kg
TPPH (TPHg)	<0.5	<0.5	
VOCs	<5.0-500	<5.0-500	µg/kg

SB-6				
Analyte	Depth (ft bgs)			Units
	2	8.5	10	
TPHd	45 Y	32 Y	34 Y	mg/kg
TPPH (TPHg)	<0.5	<0.5	510	
Benzene	<5.0	<5.0	1,300	µg/kg
n-Butylbenzene	<5.0	<5.0	3,700	
sec-Butylbenzene	<5.0	<5.0	1,000	
Ethylbenzene	<5.0	<5.0	12,000	
Isopropylbenzene	<5.0	<5.0	2,100	
p-Isopropyltoluene	<5.0	<5.0	600	
n-Propylbenzene	<5.0	<5.0	7,400	
1,2,4-TMB	<5.0	<5.0	34,000	
1,3,5-TMB	<5.0	<5.0	12,000	
p/m-Xylenes	<5.0	<5.0	16,000	
o-Xylene	<5.0	<5.0	10,000	
All other VOCs	<5.0-500	<5.0-500	<500-50,000	

SB-12			
Analyte	Depth (ft bgs)		Units
	2	10	
TPHd	<5.0	<5.0	mg/kg
TPPH (TPHg)	<0.5	<0.5	
VOCs	<5.0-500	<5.0-500	µg/kg

SB-11			
Analyte	Depth (ft bgs)		Units
	3.5	7.5	
TPHd	120 Y	8.1	mg/kg
TPPH (TPHg)	<0.5	<0.5	
VOCs	<5.0-500	<5.0-500	µg/kg

SB-7			
Analyte	Depth (ft bgs)		Units
	2	10	
TPHd	<5.0	<5.0	mg/kg
TPPH (TPHg)	<0.5	<0.5	
VOCs	<5.0-500	<5.0-500	µg/kg

SB-10			
Analyte	Depth (ft bgs)		Units
	2	10	
TPHd	<5.0	<5.0	mg/kg
TPPH (TPHg)	<0.5	<0.5	
VOCs	<5.0-500	<5.0-500	µg/kg

LEGEND:

- SB-1 — SOIL BORING LOCATION
- APPROXIMATE PROPERTY BOUNDARY
- PROPOSED FENCE LINE
- PROPOSED 24" UNDERGROUND GAS LINES
- FORMER GAS STATION FEATURES

ABBREVIATIONS/EXPLANATION

TPHd = Total petroleum hydrocarbons as diesel
TPPH = Total purgeable petroleum hydrocarbons
TPHg = Total petroleum hydrocarbons as gasoline, reported at TPPH
ft bgs = Feet below ground surface
mg/kg = Milligrams per kilogram
µg/kg = Micrograms per kilogram
BOLD = Indicates value detected above laboratory reporting limit.
= Value exceeds the shallow soil (<3m) residential and commercial/industrial use ESLs.
< = Analyte not detected at shown reporting limit.
ESLs = Environmental screening levels
VOCs = Volatile organic compounds
Y = Sample exhibits chromatographic pattern which does not match the laboratory standard.

NOTES

1) Leaking underground fuel tank (LUFT) metal results not shown; no LUFT metals results exceeded residential ESLs.

2) See the laboratory report for a complete list of analytes and reporting limits.

N

0 40 80

APPROXIMATE SCALE IN FEET

Image courtesy of the U.S. Geological Survey and Microsoft TerraService OpenGIS Map Server

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FOR:
PACIFIC GAS AND ELECTRIC COMPANY
L105N PROPERTY
997 GRANT AVENUE
SAN LORENZO, CA

SOIL ANALYTICAL RESULTS

FIGURE: 3

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
185702404.200.0001	RRR	KC	GH	06/22/11

FILEPATH:M:\PG&E\PG&E - San Lorenzo\185702404\185702404-F3-062211.dwg|rroggasch|Jun 22, 2011 at 15:02|Layout: F3

APPENDIX A
Permit

Limited Phase II Environmental Site Assessment Report
Pacific Gas and Electric Company L105N Property
997 Grant Avenue, San Lorenzo
PN: 185702404
June 27, 2011

Alameda County Public Works Agency - Water Resources Well Permit

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 05/20/2011 By jamesy

Permit Numbers: W2011-0339
Permits Valid from 05/26/2011 to 05/27/2011

Application Id: 1305656767090
City of Project Site: San Lorenzo
Site Location: 997 Grant Street
Project Start Date: 05/26/2011
Completion Date: 05/27/2011
Assigned Inspector: Contact Steve Miller at (510) 670-5517 or stevem@acpwa.org

Applicant:	Stantec Consulting Corporation - Anna Radonich 57 Lafayette Circle, 2nd Floor, Lafayette, CA 94549	**Phone:** 925-299-9300 x230
Property Owner:	Jui-Lan Fung 4250 Santa Monica Terrace, Fremont, CA 94539	**Phone:** --
Client:	Anne (PG&E) Conner 3401 Crow Canyon Road, San Ramon, CA 94583	**Phone:** --
Contact:	Anna Radonich	**Phone:** -- **Cell:** --

Total Due: $265.00
Receipt Number: WR2011-0147 **Total Amount Paid:** $265.00
Payer Name : Greg D Hoehn Paid By: VISA **PAID IN FULL**

Works Requesting Permits:

Borehole(s) for Geo Probes-Sampling 24 to 72 hours only - 12 Boreholes
Driller: Environmental Control Associates - Lic #: 695970 - Method: DP **Work Total: $265.00**

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2011-0339	05/20/2011	08/24/2011	12	3.00 in.	20.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.

2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.

3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

4. Applicant shall contact Steve Miller for an inspection time at (510) 670-5517 or email to stevem@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

5. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters

generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

6. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

7. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

8. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

APPENDIX B
Soil Boring Logs

Limited Phase II Environmental Site Assessment Report
Pacific Gas and Electric Company L105N Property
997 Grant Avenue, San Lorenzo
PN: 185702404
June 27, 2011

Project: PGE San Lorenzo Phase II		Boring/Well Name: SB-1	
Boring Location: NW Corner of Site	Job No.: 185702404		
Subcontractor and Equipment: ECA Direct Push	Logged by: K Chung		
Sampling Method: Direct Push Rig	Monitoring Device: PID	Page 1 of 1	
Start Date/Time: 5/26/11	Finish Date/Time: 5/26/11	Comments:	
First Water (bgs): —	Stabilized Water (bgs): —		
Surface Elevation: —	Casing Top Elevation: —		

Sample I.D.	PID (ppm)	Interval/Recovery	Depth (feet bgs)	USCS Code	Lithologic Description (Soil type, Color, Consistency, Moisture, Descriptors, Estimated percents)	Boring Abandonment or Well Construction Details
			1	SB	Fine Sand, SP, loose, dry,	
SB-1 2'	0.0	X	2			
			3			
			4			
			5	ML	Silty, 10YR 3/3 dark brown, fine sand	
SB-1 6'	0.0	X	6	SP	wet, Poorly-graded sand, wet 10YR 4/3 brown, wet.	
			7	CL	Clay, med to hard plastic, moist, 10YR 2/2 very dark brown	
			8			
			9			
	0.0		10			

Stantec Consulting Corporation

Reviewed by: Date:

Revised by: Date:

Project: PGE San Lorenzo Phase II		Boring/Well Name: SB-2	
Boring Location: Former Waste Oil UST	Job No.: 185702901		
Subcontractor and Equipment: ECA, Direct Push Rig	Logged by: K Chuop		
Sampling Method: Direct Push	Monitoring Device: PID	Page 1 of 1	
Start Date/Time: 5/26/11	Finish Date/Time: 5/26/11	Comments:	
First Water (bgs): —	Stabilized Water (bgs): —		
Surface Elevation: —	Casing Top Elevation: —		

Sample I.D.	PID (ppm)	Interval/Recovery	Depth (feet bgs)	USCS Code	Lithologic Description (Soil type, Color, Consistency, Moisture, Descriptors, Estimated percents)	Boring Abandonment or Well Construction Details
			1	ML	Silt some sand, moist, med plasticity stiff.	
SB-2-2'	0.0		2			
			3			
			4			
	0.0		5	SP	Poorly graded fine sand, 10YR4/3 brown, dry	
			6			
			7	ML	Silt, 10YR3/3 dark brown	
			8			
			9	CL	Clay, 10YR4/3 very dark brown.	
SB-2-10'	0.0		10			

Stantec Consulting Corporation

Reviewed by: Date:

Revised by: Date:

Project: PGE San Lorenzo Phase I		Boring/Well Name: SB-3
Boring Location: NE Corner of Site	Job No.: 185702404	
Subcontractor and Equipment: ECA Direct Push	Logged by: K Chupp	
Sampling Method: Direct Push Rig	Monitoring Device: PID	Page 1 of 1
Start Date/Time: 5/26/11	Finish Date/Time: 5/26/11	Comments:
First Water (bgs): —	Stabilized Water (bgs): —	
Surface Elevation: —	Casing Top Elevation: —	

Sample I.D.	PID (ppm)	Interval/Recovery	Depth (feet bgs)	USCS Code	Lithologic Description (Soil type, Color, Consistency, Moisture, Descriptors, Estimated percents)	Boring Abandonment or Well Construction Details
				ML	Silt, soft, med plastic 10YR 3/3 brown	
			1			1
SB-3, 2'	0.0	X	2			2
			3			3
			4			4
			5	SP	poorly-graded sand, loose, moist	5
			6			6
			7	ML	slightly more moist @ silt, ML, soft, moist, med plastic	7
			8			8
			9	CL	clay, CL, 10YR 4/3 very dark brown, moist	9
SB-3, 10'	0.0	X	10			10

Stantec Consulting Corporation

Reviewed by: Date:

Revised by: Date:

Project: PGE San Lorenzo Phase II		Boring/Well Name: SB-4	
Boring Location: Former Pump Island	Job No.: 185702404		
Subcontractor and Equipment: ECA, Direct Push	Logged by: K. Chuop		
Sampling Method: Direct Push Rig	Monitoring Device: PID	Page 1 of 1	
Start Date/Time: 5/26/11	Finish Date/Time: 5/26/11	Comments:	
First Water (bgs): —	Stabilized Water (bgs): —		
Surface Elevation:	Casing Top Elevation: —		

Sample I.D.	PID (ppm)	Interval/Recovery	Depth (feet bgs)	USCS Code	Lithologic Description (Soil type, Color, Consistency, Moisture, Descriptors, Estimated percents)	Boring Abandonment or Well Construction Details
			1	SP	Poorly graded sand, f. grained sand, loose	
SB-4, 2'	0.9	X	2			
			3			
			4			
	0.1		5			
			6			
			7	SC	Poorly grained F to med. Sand, wet, 10YR 4/3 dark brown	
			8	CL	Clay, 10YR 2/2 very dark brown, moist, med to Hard plasticity	
SB-4, 10'	0.5	X	9			
			10			

Stantec Consulting Corporation

Reviewed by: Date:

Revised by: Date:

Project: PGE San Lorenzo Phase II		Boring/Well Name: SB-5	
Boring Location: Former Pump Island	Job No.: 185702404		
Subcontractor and Equipment: ECA, Direct Push	Logged by: KC nwop		
Sampling Method: Direct Push Rig	Monitoring Device: PID	Page 1 of 1	
Start Date/Time: 5/26/11	Finish Date/Time: 5/26/11	Comments:	
First Water (bgs): —	Stabilized Water (bgs): —		
Surface Elevation: —	Casing Top Elevation: —		

Sample I.D.	PID (ppm)	Interval/Recovery	Depth (feet bgs)	USCS Code	Lithologic Description (Soil type, Color, Consistency, Moisture, Descriptors, Estimated percents)	Boring Abandonment or Well Construction Details
			1	SB	Silt w/ gravel. gravel up to 1" in diameter. dry, 10YR 4/3 brown	
SB-5 2'	0.8	2	2			
			3			
			4			
			5	CL	clay w/ Sand, little gravel up to 1" in diameter. dry, looks like fill material	
			6			
			7			
			8			
			9			
SB-5 10'		0.5	10			

Stantec Consulting Corporation

Reviewed by: Date:

Revised by: Date:

Project: PGE San Lorenzo Phase II		Boring/Well Name: SB-6
Boring Location: Former UST	Job No.: 185702404	
Subcontractor and Equipment: E	Logged by: K Chudp	
Sampling Method: Direct Push	Monitoring Device: PID	Page ___ of ___
Start Date/Time: 5/26/11	Finish Date/Time: 5/26/11	Comments:
First Water (bgs):	Stabilized Water (bgs):	
Surface Elevation:	Casing Top Elevation:	

Sample I.D.	PID (ppm)	Interval/Recovery	Depth (feet bgs)	USCS Code	Lithologic Description (Soil type, Color, Consistency, Moisture, Descriptors, Estimated percents)	Boring Abandonment or Well Construction Details
			0	CS	Sandy Clay, med plastic, moist 10yr 4/3 dark brown	
SB-6 2.5	5.3	X	2			
			5	ML	Silt w/ fine gravel, 10yr 3/3 dark brown, med plastic, stiff.	
	1.2		8		2" soil layer, moist, no gravel	
SB-6 8.5		X	9	SP	Sand, wet 10yr 3/3 dark brown,	
SB-6 10'	882	X	10	CL	Clay, med to hard plastic, 10yr 2/2 very dark brown Strong Smell	

Stantec Consulting Corporation

Reviewed by: Date:

Revised by: Date:

Project: PGE San Lorenzo Phase II		Boring/Well Name: SB-7	
Boring Location: SW of Site	Job No.: 185702404		
Subcontractor and Equipment: ECA, Direct	Logged by: K Chung		
Sampling Method: Direct Push Push	Monitoring Device: PID		Page ___ of ___
Start Date/Time: 5/26/11	Finish Date/Time: 5/26/11	Comments:	
First Water (bgs): —	Stabilized Water (bgs): —		
Surface Elevation: —	Casing Top Elevation: —		

Sample I.D.	PID (ppm)	Interval/Recovery	Depth (feet bgs)	USCS Code	Lithologic Description (Soil type, Color, Consistency, Moisture, Descriptors, Estimated percents)	Boring Abandonment or Well Construction Details
			1	ML	SiM, 10YR 4/3 dark brown, moist, med plastic	
SB-7, 2'	0.0	X	2			
			3			
	0.0 ppm	X	4			
			5			
			6			
			7			
			8	ML	SiM, 10YR 2/2 color change to very dark brown	
SB-7, 10'	0.0 ppm	X	9			
			10			

Stantec Consulting Corporation

Reviewed by: Date:

Revised by: Date:

Project: PGE San Lorenzo		Boring/Well Name: SB 8	
Boring Location: Former Island Pump	Job No.: 185702404		
Subcontractor and Equipment: EnA Direct Push	Logged by: K Chuop		
Sampling Method: Direct Push	Monitoring Device: PID		
Start Date/Time: 5/26/11	Finish Date/Time: 5/26/11	Page 1 of	
First Water (bgs): —	Stabilized Water (bgs): —	Comments:	
Surface Elevation: —	Casing Top Elevation: —		

Sample I.D.	PID (ppm)	Interval/Recovery	Depth (feet bgs)	USCS Code	Lithologic Description (Soil type, Color, Consistency, Moisture, Descriptors, Estimated percents)	Boring Abandonment or Well Construction Details
			1		asphalt	
				CL	Lean clay, 10YR3/3 dark brown, moist, med to hard plastic	
SB-8-2'	0.0	X	2			
			3			
			4			
			5			
SB-8-6.5'	0.0	X	6			
			7	SP	Sand, poorly-graded, wet, fine-to med grained 10YR 4/3 brown	
			8	CL	Clay, 10YR 2/2 very dark brown, med plasticity,	
				SP	Poorly-graded sand, wet fine to med grained 10YR 2/2 very dark brown	
	0.0		10			

Stantec Consulting Corporation

Reviewed by: Date:

Revised by: Date:

Project: PGE San Lorenzo Phase I		Boring/Well Name: SB-9	
Boring Location: E side of Site	Job No.: 185702404		
Subcontractor and Equipment: Eca, Direct Push	Logged by: K Chuop		
Sampling Method: Direct Push	Monitoring Device: PID		Page ___ of ___
Start Date/Time: 5/26/11	Finish Date/Time: 5/26/11	Comments:	
First Water (bgs): —	Stabilized Water (bgs): —		
Surface Elevation: —	Casing Top Elevation: —		

Sample I.D.	PID (ppm)	Interval/Recovery	Depth (feet bgs)	USCS Code	Lithologic Description (Soil type, Color, Consistency, Moisture, Descriptors, Estimated percents)	Boring Abandonment or Well Construction Details
SB-9, 2'		X	2			
			3			
			4			
			5	ML	ML, Silt, moist, Wf fine-grained sand, 10YR 3/3 brown.	
			6			
			7			
			8	ML	ML Silt, moist, low plastic. 10YR 3/3 brown.	
			9	CL	CL Clay, moist, med to high plastic, 10YR 2/2 very dark brown.	
SB-9, 10'		X	10			

Stantec Consulting Corporation

Reviewed by: Date:

Revised by: Date:

Project: PGE San Lorenzo Phase II		Boring/Well Name: SB-10
Boring Location: SW corner of site	Job No.: 185702404	
Subcontractor and Equipment: ECA, Direct Push	Logged by: K Chuop	
Sampling Method: Direct Push	Monitoring Device: PID	Page 1 of 1
Start Date/Time: 5/26/11	Finish Date/Time: 5/26/11	Comments:
First Water (bgs): —	Stabilized Water (bgs): —	
Surface Elevation: —	Casing Top Elevation: —	

Sample I.D.	PID (ppm)	Interval/Recovery	Depth (feet bgs)	USCS Code	Lithologic Description (Soil type, Color, Consistency, Moisture, Descriptors, Estimated percents)	Boring Abandonment or Well Construction Details
	0.0	X	1	ML	Silt, moist loyr 4/3 dark brown, soft	
			2			
			3			
			4			
			5			
			6			
			7			
			8			
			9		little gravel, color change, loyr 3/3 brown	
	0.0	☑	10			

Stantec Consulting Corporation

Reviewed by: Date:

Revised by: Date:

Project: P6E San Lorenzo Phase II

Boring Location: Former Island Pump | Project No.: 185702404

Subcontractor and Equipment: ECA, Direct Pushing | Logged By: K Chung

Sampling Method: Direct Push | Monitoring Device: PID

Start Date/ Time: 5/26/11 | Finish Date/ Time: 5/26/11

First Water (BGS): — | Stabilized Water Level (BGS): —

Log of Boring: SB-11 | Page 1 of 1

Comments:

Surface Elevation: | Casing Top Elevation:

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)	Boring Abandonment/ Well Construction Details
			1		4" soil 10" asphalt 2.5 back fill gravel/mixed material	
SB-11 3.5'	0.0	X	3	ML	ML Silt, little clay, 10YR 3/3 dark brown, moist, firm med. firm, little sand	
			4			
			5			
			6			
			7			
SB-11 7.5'		X	8	SP	Poorly graded sand, SP, moist wet, loose 10YR 4/3 brown	
			9	ML CL	Silt, 10 YR 3/3 dark brown, moist, soft Lean clay, med to hard plasticity, firm	
		6.0	10			

Stantec

Reviewed by: _____ Date: _____

Project: PGE San Lorenzo Phase II	Log of Boring: SB-12
Boring Location: SE Corner near Driveway	Project No.: 185702404
Subcontractor and Equipment: ECA, Direct Push Rig	Logged By: K Chuop
Sampling Method: Direct Push	Monitoring Device: PID
Start Date/ Time: 5/26/11	Finish Date/ Time: 5/26/11
First Water (BGS): —	Stabilized Water Level (BGS): —

Page 1 of 1

Comments:

Surface Elevation: Casing Top Elevation:

Sample Interval/ Recovery, Inches	Blows/foot	PID (ppm)	Depth (feet)	USCS Symbol	LITHOLOGIC DESCRIPTION (color, grain size, consistency, moisture, other)	Boring Abandonment/ Well Construction Details
				ML	4" ML 10" concrete layer	
			1	ML	Silt, moist 10YR 3/3 dark brown, moist, little clay, med plastic, soft	1
SB-12 2'	X	0.0	2			2
			3			3
			4			4
		0.0	5			5
			6			6
			7	SM	Silty sand, fine sand, 10YR 3/3 dark brown, moist	7
			8	CL	Clay, 10YR 3/3, dark brown, moist, med-hard plastic, very firm	8
			9			9
SB-12 10'			10			10

Stantec

Reviewed by: ______________ Date: ______________

APPENDIX C
Analytical Laboratory Report

Limited Phase II Environmental Site Assessment Report
Pacific Gas and Electric Company L105N Property
997 Grant Avenue, San Lorenzo
PN: 185702404
June 27, 2011

Calscience
Environmental
Laboratories, Inc.

June 08, 2011

Greg Hoehn
Stantec
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321

Subject: **Calscience Work Order No.: 11-05-1797**
Client Reference: PG&E - San Lorenzo Phase II

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 5/28/2011 and analyzed in accordance with the attached chain-of-custody.

Calscience Environmental Laboratories certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Danielle Gonsman
Project Manager

Calscience Environmental Laboratories, Inc.

Client: Stantec
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321
Attn: Greg Hoehn

Work Order: 11-05-1797
Project name: PG&E - San Lorenzo Phase II
Received: 05/28/11 09:30

DETECTIONS SUMMARY

Client Sample ID / Analyte	Result	Qualifiers	Reporting Limit	Units	Method	Extraction
SB-1-2'						
Chromium	**23.6**		0.250	mg/kg	EPA 6010B	EPA 3050B
Lead	**4.76**		0.500	mg/kg	EPA 6010B	EPA 3050B
Nickel	**31.9**		0.250	mg/kg	EPA 6010B	EPA 3050B
Zinc	**29.8**		1.00	mg/kg	EPA 6010B	EPA 3050B
TPH as Diesel	**18**		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
SB-1-6'						
Chromium	**17.3**		0.250	mg/kg	EPA 6010B	EPA 3050B
Lead	**3.77**		0.500	mg/kg	EPA 6010B	EPA 3050B
Nickel	**24.4**		0.250	mg/kg	EPA 6010B	EPA 3050B
Zinc	**25.1**		1.00	mg/kg	EPA 6010B	EPA 3050B
SB-4-2'						
Chromium	**28.2**		0.250	mg/kg	EPA 6010B	EPA 3050B
Lead	**5.28**		0.500	mg/kg	EPA 6010B	EPA 3050B
Nickel	**39.6**		0.250	mg/kg	EPA 6010B	EPA 3050B
Zinc	**36.0**		1.00	mg/kg	EPA 6010B	EPA 3050B
SB-4-10'						
Chromium	**28.1**		0.250	mg/kg	EPA 6010B	EPA 3050B
Lead	**6.11**		0.500	mg/kg	EPA 6010B	EPA 3050B
Nickel	**34.5**		0.250	mg/kg	EPA 6010B	EPA 3050B
Zinc	**29.9**		1.00	mg/kg	EPA 6010B	EPA 3050B
TPPH	**900**		500	ug/kg	LUFT GC/MS / EPA 8	EPA 5030C
SB-5-2'						
Chromium	**26.1**		0.250	mg/kg	EPA 6010B	EPA 3050B
Lead	**9.69**		0.500	mg/kg	EPA 6010B	EPA 3050B
Nickel	**31.3**		0.250	mg/kg	EPA 6010B	EPA 3050B
Zinc	**36.1**		1.00	mg/kg	EPA 6010B	EPA 3050B
TPH as Diesel	**290**		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
SB-5-10'						
Chromium	**16.5**		0.250	mg/kg	EPA 6010B	EPA 3050B
Lead	**8.69**		0.500	mg/kg	EPA 6010B	EPA 3050B
Nickel	**25.6**		0.250	mg/kg	EPA 6010B	EPA 3050B
Zinc	**64.1**		1.00	mg/kg	EPA 6010B	EPA 3050B
TPH as Diesel	**59**		5.0	mg/kg	EPA 8015B (M)	EPA 3550B

*MDL is shown.

Calscience Environmental Laboratories, Inc.

Client: Stantec
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321
Attn: Greg Hoehn

Work Order: 11-05-1797
Project name: PG&E - San Lorenzo Phase II
Received: 05/28/11 09:30

DETECTIONS SUMMARY

Client Sample ID / Analyte	Result	Qualifiers	Reporting Limit	Units	Method	Extraction
SB-7-2'						
Chromium	**23.9**		0.250	mg/kg	EPA 6010B	EPA 3050B
Lead	**5.24**		0.500	mg/kg	EPA 6010B	EPA 3050B
Nickel	**33.8**		0.250	mg/kg	EPA 6010B	EPA 3050B
Zinc	**31.4**		1.00	mg/kg	EPA 6010B	EPA 3050B
SB-7-10'						
Chromium	**26.3**		0.250	mg/kg	EPA 6010B	EPA 3050B
Lead	**5.61**		0.500	mg/kg	EPA 6010B	EPA 3050B
Nickel	**29.0**		0.250	mg/kg	EPA 6010B	EPA 3050B
Zinc	**32.8**		1.00	mg/kg	EPA 6010B	EPA 3050B
SB-10-2'						
Chromium	**31.2**		0.250	mg/kg	EPA 6010B	EPA 3050B
Lead	**6.01**		0.500	mg/kg	EPA 6010B	EPA 3050B
Nickel	**42.6**		0.250	mg/kg	EPA 6010B	EPA 3050B
Zinc	**39.9**		1.00	mg/kg	EPA 6010B	EPA 3050B
SB-10-10'						
Chromium	**29.8**		0.250	mg/kg	EPA 6010B	EPA 3050B
Lead	**5.97**		0.500	mg/kg	EPA 6010B	EPA 3050B
Nickel	**41.1**		0.250	mg/kg	EPA 6010B	EPA 3050B
Zinc	**39.0**		1.00	mg/kg	EPA 6010B	EPA 3050B
SB-12-2'						
Chromium	**26.1**		0.250	mg/kg	EPA 6010B	EPA 3050B
Lead	**11.5**		0.500	mg/kg	EPA 6010B	EPA 3050B
Nickel	**35.8**		0.250	mg/kg	EPA 6010B	EPA 3050B
Zinc	**35.1**		1.00	mg/kg	EPA 6010B	EPA 3050B
SB-12-10'						
Chromium	**20.6**		0.250	mg/kg	EPA 6010B	EPA 3050B
Lead	**4.92**		0.500	mg/kg	EPA 6010B	EPA 3050B
Nickel	**31.0**		0.250	mg/kg	EPA 6010B	EPA 3050B
Zinc	**26.6**		1.00	mg/kg	EPA 6010B	EPA 3050B

*MDL is shown.

Calscience Environmental Laboratories, Inc.

Client:	Stantec	Work Order:	11-05-1797
	57 Lafayette Circle, 2nd Floor	Project name:	PG&E - San Lorenzo Phase II
	Lafayette, CA 94549-4321	Received:	05/28/11 09:30
Attn:	Greg Hoehn		

DETECTIONS SUMMARY

Client Sample ID / Analyte	Result	Qualifiers	Reporting Limit	Units	Method	Extraction
SB-11-3.5'						
Chromium	**29.4**		0.250	mg/kg	EPA 6010B	EPA 3050B
Lead	**8.15**		0.500	mg/kg	EPA 6010B	EPA 3050B
Nickel	**42.3**		0.250	mg/kg	EPA 6010B	EPA 3050B
Zinc	**42.5**		1.00	mg/kg	EPA 6010B	EPA 3050B
TPH as Diesel	**120**		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
SB-11-7.5'						
Chromium	**17.0**		0.250	mg/kg	EPA 6010B	EPA 3050B
Lead	**3.65**		0.500	mg/kg	EPA 6010B	EPA 3050B
Nickel	**22.4**		0.250	mg/kg	EPA 6010B	EPA 3050B
Zinc	**24.2**		1.00	mg/kg	EPA 6010B	EPA 3050B
TPH as Diesel	**8.1**		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
SB-8-2'						
Chromium	**31.2**		0.250	mg/kg	EPA 6010B	EPA 3050B
Lead	**8.19**		0.500	mg/kg	EPA 6010B	EPA 3050B
Nickel	**40.2**		0.250	mg/kg	EPA 6010B	EPA 3050B
Zinc	**43.7**		1.00	mg/kg	EPA 6010B	EPA 3050B
TPH as Diesel	**5.5**		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
SB-8-6.5'						
Chromium	**28.6**		0.250	mg/kg	EPA 6010B	EPA 3050B
Lead	**5.81**		0.500	mg/kg	EPA 6010B	EPA 3050B
Nickel	**39.9**		0.250	mg/kg	EPA 6010B	EPA 3050B
Zinc	**39.2**		1.00	mg/kg	EPA 6010B	EPA 3050B
TPH as Diesel	**8.7**		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
SB-6-2'						
Chromium	**25.8**		0.250	mg/kg	EPA 6010B	EPA 3050B
Lead	**14.2**		0.500	mg/kg	EPA 6010B	EPA 3050B
Nickel	**34.3**		0.250	mg/kg	EPA 6010B	EPA 3050B
Zinc	**65.7**		1.00	mg/kg	EPA 6010B	EPA 3050B
TPH as Diesel	**45**		5.0	mg/kg	EPA 8015B (M)	EPA 3550B

*MDL is shown.

Calscience Environmental Laboratories, Inc.

Client: Stantec
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321
Attn: Greg Hoehn

Work Order: 11-05-1797
Project name: PG&E - San Lorenzo Phase II
Received: 05/28/11 09:30

DETECTIONS SUMMARY

Client Sample ID / Analyte	Result	Qualifiers	Reporting Limit	Units	Method	Extraction
SB-6-8.5'						
Chromium	**27.8**		0.250	mg/kg	EPA 6010B	EPA 3050B
Lead	**7.59**		0.500	mg/kg	EPA 6010B	EPA 3050B
Nickel	**35.5**		0.250	mg/kg	EPA 6010B	EPA 3050B
Zinc	**39.6**		1.00	mg/kg	EPA 6010B	EPA 3050B
TPH as Diesel	**32**		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
SB-6-10'						
Chromium	**32.5**		0.250	mg/kg	EPA 6010B	EPA 3050B
Lead	**6.66**		0.500	mg/kg	EPA 6010B	EPA 3050B
Nickel	**41.9**		0.250	mg/kg	EPA 6010B	EPA 3050B
Zinc	**36.8**		1.00	mg/kg	EPA 6010B	EPA 3050B
TPH as Diesel	**34**		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
Benzene	**1300**		500	ug/kg	LUFT GC/MS / EPA 8	EPA 5030C
n-Butylbenzene	**3700**		500	ug/kg	LUFT GC/MS / EPA 8	EPA 5030C
sec-Butylbenzene	**1000**		500	ug/kg	LUFT GC/MS / EPA 8	EPA 5030C
Ethylbenzene	**12000**		500	ug/kg	LUFT GC/MS / EPA 8	EPA 5030C
Isopropylbenzene	**2100**		500	ug/kg	LUFT GC/MS / EPA 8	EPA 5030C
p-Isopropyltoluene	**600**		500	ug/kg	LUFT GC/MS / EPA 8	EPA 5030C
n-Propylbenzene	**7400**		500	ug/kg	LUFT GC/MS / EPA 8	EPA 5030C
1,2,4-Trimethylbenzene	**34000**		2000	ug/kg	LUFT GC/MS / EPA 8	EPA 5030C
1,3,5-Trimethylbenzene	**12000**		500	ug/kg	LUFT GC/MS / EPA 8	EPA 5030C
p/m-Xylene	**16000**		500	ug/kg	LUFT GC/MS / EPA 8	EPA 5030C
o-Xylene	**10000**		500	ug/kg	LUFT GC/MS / EPA 8	EPA 5030C
TPPH	**510000**		200000	ug/kg	LUFT GC/MS / EPA 8	EPA 5030C
SB-3-2'						
Chromium	**30.6**		0.250	mg/kg	EPA 6010B	EPA 3050B
Lead	**6.15**		0.500	mg/kg	EPA 6010B	EPA 3050B
Nickel	**45.3**		0.250	mg/kg	EPA 6010B	EPA 3050B
Zinc	**38.2**		1.00	mg/kg	EPA 6010B	EPA 3050B
SB-3-10'						
Chromium	**32.0**		0.250	mg/kg	EPA 6010B	EPA 3050B
Lead	**6.60**		0.500	mg/kg	EPA 6010B	EPA 3050B
Nickel	**58.6**		0.250	mg/kg	EPA 6010B	EPA 3050B
Zinc	**40.8**		1.00	mg/kg	EPA 6010B	EPA 3050B

*MDL is shown.

Calscience Environmental Laboratories, Inc.

Client:	Stantec	Work Order:	11-05-1797
	57 Lafayette Circle, 2nd Floor	Project name:	PG&E - San Lorenzo Phase II
	Lafayette, CA 94549-4321	Received:	05/28/11 09:30
Attn:	Greg Hoehn		

DETECTIONS SUMMARY

Client Sample ID / Analyte	Result	Qualifiers	Reporting Limit	Units	Method	Extraction
SB-9-2'						
Chromium	**27.8**		0.250	mg/kg	EPA 6010B	EPA 3050B
Lead	**5.39**		0.500	mg/kg	EPA 6010B	EPA 3050B
Nickel	**36.9**		0.250	mg/kg	EPA 6010B	EPA 3050B
Zinc	**34.6**		1.00	mg/kg	EPA 6010B	EPA 3050B
SB-9-10'						
Chromium	**34.3**		0.250	mg/kg	EPA 6010B	EPA 3050B
Lead	**7.33**		0.500	mg/kg	EPA 6010B	EPA 3050B
Nickel	**50.2**		0.250	mg/kg	EPA 6010B	EPA 3050B
Zinc	**40.6**		1.00	mg/kg	EPA 6010B	EPA 3050B
SB-2-2'						
Chromium	**26.4**		0.250	mg/kg	EPA 6010B	EPA 3050B
Lead	**12.7**		0.500	mg/kg	EPA 6010B	EPA 3050B
Nickel	**37.2**		0.250	mg/kg	EPA 6010B	EPA 3050B
Zinc	**42.4**		1.00	mg/kg	EPA 6010B	EPA 3050B
TPH as Diesel	**31**		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
SB-2-10'						
Chromium	**34.2**		0.250	mg/kg	EPA 6010B	EPA 3050B
Lead	**6.45**		0.500	mg/kg	EPA 6010B	EPA 3050B
Nickel	**45.1**		0.250	mg/kg	EPA 6010B	EPA 3050B
Zinc	**39.2**		1.00	mg/kg	EPA 6010B	EPA 3050B

Subcontracted analyses, if any, are not included in this summary.

*MDL is shown.

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec		Date Received:	05/28/11
57 Lafayette Circle, 2nd Floor		Work Order No:	11-05-1797
Lafayette, CA 94549-4321		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-1-2'	**11-05-1797-1-A**	**05/26/11 11:50**	**Solid**	**GC 48**	**05/31/11**	**05/31/11 21:55**	**110531B01S**

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.
-The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	18	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	111	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-1-6'	**11-05-1797-2-A**	**05/26/11 11:55**	**Solid**	**GC 48**	**05/31/11**	**05/31/11 22:09**	**110531B01S**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	112	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-4-2'	**11-05-1797-3-A**	**05/26/11 13:00**	**Solid**	**GC 48**	**05/31/11**	**05/31/11 22:24**	**110531B01S**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	109	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-4-10'	**11-05-1797-4-A**	**05/26/11 13:18**	**Solid**	**GC 48**	**05/31/11**	**05/31/11 22:39**	**110531B01S**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	113	61-145	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321

Date Received:	05/28/11
Work Order No:	11-05-1797
Preparation:	EPA 3550B
Method:	EPA 8015B (M)

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-5-2'	**11-05-1797-5-A**	**05/26/11 13:25**	**Solid**	**GC 48**	**05/31/11**	**05/31/11 22:54**	**110531B01S**

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.
-The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	290	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	106	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-5-10'	**11-05-1797-6-A**	**05/26/11 13:30**	**Solid**	**GC 48**	**05/31/11**	**05/31/11 23:09**	**110531B01S**

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.
-The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	59	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	110	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-7-2'	**11-05-1797-7-A**	**05/26/11 13:50**	**Solid**	**GC 48**	**05/31/11**	**05/31/11 23:24**	**110531B01S**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	106	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-7-10'	**11-05-1797-8-A**	**05/26/11 14:00**	**Solid**	**GC 48**	**05/31/11**	**05/31/11 23:39**	**110531B01S**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	107	61-145	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec		Date Received:	05/28/11
57 Lafayette Circle, 2nd Floor		Work Order No:	11-05-1797
Lafayette, CA 94549-4321		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-10-2'	**11-05-1797-9-A**	**05/26/11 14:15**	**Solid**	**GC 48**	**05/31/11**	**05/31/11 23:54**	**110531B01S**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	106	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-10-10'	**11-05-1797-10-A**	**05/26/11 14:20**	**Solid**	**GC 48**	**05/31/11**	**06/01/11 00:09**	**110531B01S**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	112	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-12-2'	**11-05-1797-11-A**	**05/26/11 09:10**	**Solid**	**GC 48**	**05/31/11**	**06/01/11 00:39**	**110531B01S**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	105	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-12-10'	**11-05-1797-12-A**	**05/26/11 09:20**	**Solid**	**GC 48**	**05/31/11**	**06/01/11 00:54**	**110531B01S**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	109	61-145	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321

Date Received: 05/28/11
Work Order No: 11-05-1797
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-11-3.5'	**11-05-1797-13-A**	**05/26/11 09:30**	**Solid**	**GC 48**	**05/31/11**	**06/01/11 01:08**	**110531B01S**

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.
-The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	120	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	89	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-11-7.5'	**11-05-1797-14-A**	**05/26/11 09:40**	**Solid**	**GC 48**	**05/31/11**	**06/01/11 01:24**	**110531B01S**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	8.1	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	107	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-8-2'	**11-05-1797-15-A**	**05/26/11 10:00**	**Solid**	**GC 48**	**05/31/11**	**06/01/11 01:38**	**110531B01S**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	5.5	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	106	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-8-6.5'	**11-05-1797-16-A**	**05/26/11 10:05**	**Solid**	**GC 48**	**05/31/11**	**06/01/11 01:54**	**110531B01S**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	8.7	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	112	61-145	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321

Date Received:	05/28/11
Work Order No:	11-05-1797
Preparation:	EPA 3550B
Method:	EPA 8015B (M)

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-6-2'	**11-05-1797-17-A**	**05/26/11 10:30**	**Solid**	**GC 48**	**05/31/11**	**06/01/11 02:09**	**110531B01S**

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.
-The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	45	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	105	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-6-8.5'	**11-05-1797-18-A**	**05/26/11 10:45**	**Solid**	**GC 48**	**05/31/11**	**06/01/11 02:23**	**110531B01S**

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.
-The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	32	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	109	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-6-10'	**11-05-1797-19-A**	**05/26/11 10:50**	**Solid**	**GC 48**	**05/31/11**	**06/01/11 02:38**	**110531B01S**

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.
-The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	34	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	106	61-145	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321

Date Received: 05/28/11
Work Order No: 11-05-1797
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-3-2'	**11-05-1797-20-A**	**05/26/11 11:20**	**Solid**	**GC 48**	**05/31/11**	**06/01/11 02:53**	**110531B01S**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	107	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-3-10'	**11-05-1797-21-A**	**05/26/11 11:25**	**Solid**	**GC 48**	**05/31/11**	**05/31/11 18:55**	**110531B02S**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	109	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-9-2'	**11-05-1797-22-A**	**05/26/11 14:50**	**Solid**	**GC 48**	**05/31/11**	**05/31/11 19:10**	**110531B02S**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	102	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-9-10'	**11-05-1797-23-A**	**05/26/11 14:50**	**Solid**	**GC 48**	**05/31/11**	**05/31/11 19:25**	**110531B02S**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	107	61-145	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321

Date Received: 05/28/11
Work Order No: 11-05-1797
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-2-2'	**11-05-1797-24-A**	**05/26/11 10:55**	**Solid**	**GC 48**	**05/31/11**	**05/31/11 19:40**	**110531B02S**

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.
-The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	31	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	107	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-2-10'	**11-05-1797-25-A**	**05/26/11 11:00**	**Solid**	**GC 48**	**05/31/11**	**05/31/11 19:55**	**110531B02S**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	101	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-275-3,979**	**N/A**	**Solid**	**GC 48**	**05/31/11**	**05/31/11 16:55**	**110531B02S**

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	103	61-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-275-3,981**	**N/A**	**Solid**	**GC 48**	**05/31/11**	**05/31/11 20:40**	**110531B01S**

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	105	61-145	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321

Date Received: 05/28/11
Work Order No: 11-05-1797
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B
Units: ug/kg

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-1-2'	**11-05-1797-1-A**	**05/26/11 11:50**	**Solid**	**GC/MS LL**	**05/28/11**	**05/31/11 15:47**	**110531L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		c-1,3-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromodichloromethane	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	5.0	1	
Bromomethane	ND	25	1		Methylene Chloride	ND	50	1	
2-Butanone	ND	50	1		4-Methyl-2-Pentanone	ND	50	1	
n-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
sec-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
tert-Butylbenzene	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Carbon Disulfide	ND	50	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chlorobenzene	ND	5.0	1		Toluene	ND	5.0	1	
Chloroethane	ND	5.0	1		1,2,3-Trichlorobenzene	ND	10	1	
Chloroform	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
Chloromethane	ND	25	1		1,1,1-Trichloroethane	ND	5.0	1	
2-Chlorotoluene	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
Dibromochloromethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	25	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dibromoethane	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
Dibromomethane	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,2-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		p/m-Xylene	ND	5.0	1	
1,1-Dichloroethane	ND	5.0	1		o-Xylene	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
c-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
t-1,2-Dichloroethene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
2,2-Dichloropropane	ND	5.0	1		TPPH	ND	500	1	
1,1-Dichloropropene	ND	5.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	98	63-141		1,2-Dichloroethane-d4	107	62-146	
Toluene-d8	99	80-120		1,4-Bromofluorobenzene	93	60-132	
Toluene-d8-TPPH	99	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321

Date Received: 05/28/11
Work Order No: 11-05-1797
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B
Units: ug/kg

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-1-6'	**11-05-1797-2-A**	**05/26/11 11:55**	**Solid**	**GC/MS LL**	**05/28/11**	**05/31/11 19:10**	**110531L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		c-1,3-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromodichloromethane	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	5.0	1	
Bromomethane	ND	25	1		Methylene Chloride	ND	50	1	
2-Butanone	ND	50	1		4-Methyl-2-Pentanone	ND	50	1	
n-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
sec-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
tert-Butylbenzene	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Carbon Disulfide	ND	50	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chlorobenzene	ND	5.0	1		Toluene	ND	5.0	1	
Chloroethane	ND	5.0	1		1,2,3-Trichlorobenzene	ND	10	1	
Chloroform	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
Chloromethane	ND	25	1		1,1,1-Trichloroethane	ND	5.0	1	
2-Chlorotoluene	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
Dibromochloromethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	25	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dibromoethane	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
Dibromomethane	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,2-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		p/m-Xylene	ND	5.0	1	
1,1-Dichloroethane	ND	5.0	1		o-Xylene	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
c-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
t-1,2-Dichloroethene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
2,2-Dichloropropane	ND	5.0	1		TPPH	ND	500	1	
1,1-Dichloropropene	ND	5.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	97	63-141		1,2-Dichloroethane-d4	107	62-146	
Toluene-d8	100	80-120		1,4-Bromofluorobenzene	98	60-132	
Toluene-d8-TPPH	101	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec		Date Received:	05/28/11
57 Lafayette Circle, 2nd Floor		Work Order No:	11-05-1797
Lafayette, CA 94549-4321		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-4-2'	**11-05-1797-3-A**	**05/26/11 13:00**	**Solid**	**GC/MS LL**	**05/28/11**	**05/31/11 19:39**	**110531L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		c-1,3-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromodichloromethane	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	5.0	1	
Bromomethane	ND	25	1		Methylene Chloride	ND	50	1	
2-Butanone	ND	50	1		4-Methyl-2-Pentanone	ND	50	1	
n-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
sec-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
tert-Butylbenzene	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Carbon Disulfide	ND	50	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chlorobenzene	ND	5.0	1		Toluene	ND	5.0	1	
Chloroethane	ND	5.0	1		1,2,3-Trichlorobenzene	ND	10	1	
Chloroform	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
Chloromethane	ND	25	1		1,1,1-Trichloroethane	ND	5.0	1	
2-Chlorotoluene	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
Dibromochloromethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	25	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dibromoethane	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
Dibromomethane	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,2-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		p/m-Xylene	ND	5.0	1	
1,1-Dichloroethane	ND	5.0	1		o-Xylene	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
c-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
t-1,2-Dichloroethene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
2,2-Dichloropropane	ND	5.0	1		TPPH	ND	500	1	
1,1-Dichloropropene	ND	5.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	95	63-141		1,2-Dichloroethane-d4	106	62-146	
Toluene-d8	99	80-120		1,4-Bromofluorobenzene	99	60-132	
Toluene-d8-TPPH	99	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec		Date Received:	05/28/11
57 Lafayette Circle, 2nd Floor		Work Order No:	11-05-1797
Lafayette, CA 94549-4321		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-4-10'	**11-05-1797-4-A**	**05/26/11 13:18**	**Solid**	**GC/MS LL**	**05/28/11**	**05/31/11 20:08**	**110531L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		c-1,3-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromodichloromethane	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	5.0	1	
Bromomethane	ND	25	1		Methylene Chloride	ND	50	1	
2-Butanone	ND	50	1		4-Methyl-2-Pentanone	ND	50	1	
n-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
sec-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
tert-Butylbenzene	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Carbon Disulfide	ND	50	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chlorobenzene	ND	5.0	1		Toluene	ND	5.0	1	
Chloroethane	ND	5.0	1		1,2,3-Trichlorobenzene	ND	10	1	
Chloroform	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
Chloromethane	ND	25	1		1,1,1-Trichloroethane	ND	5.0	1	
2-Chlorotoluene	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
Dibromochloromethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	25	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dibromoethane	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
Dibromomethane	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,2-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		p/m-Xylene	ND	5.0	1	
1,1-Dichloroethane	ND	5.0	1		o-Xylene	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
c-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
t-1,2-Dichloroethene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
2,2-Dichloropropane	ND	5.0	1		TPPH	900	500	1	
1,1-Dichloropropene	ND	5.0	1						
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
Dibromofluoromethane	95	63-141			1,2-Dichloroethane-d4	106	62-146		
Toluene-d8	100	80-120			1,4-Bromofluorobenzene	98	60-132		
Toluene-d8-TPPH	100	87-111							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec		Date Received:	05/28/11
57 Lafayette Circle, 2nd Floor		Work Order No:	11-05-1797
Lafayette, CA 94549-4321		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-5-2'	**11-05-1797-5-A**	**05/26/11 13:25**	**Solid**	**GC/MS LL**	**05/28/11**	**05/31/11 20:37**	**110531L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		c-1,3-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromodichloromethane	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	5.0	1	
Bromomethane	ND	25	1		Methylene Chloride	ND	50	1	
2-Butanone	ND	50	1		4-Methyl-2-Pentanone	ND	50	1	
n-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
sec-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
tert-Butylbenzene	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Carbon Disulfide	ND	50	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chlorobenzene	ND	5.0	1		Toluene	ND	5.0	1	
Chloroethane	ND	5.0	1		1,2,3-Trichlorobenzene	ND	10	1	
Chloroform	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
Chloromethane	ND	25	1		1,1,1-Trichloroethane	ND	5.0	1	
2-Chlorotoluene	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
Dibromochloromethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	25	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dibromoethane	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
Dibromomethane	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,2-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		p/m-Xylene	ND	5.0	1	
1,1-Dichloroethane	ND	5.0	1		o-Xylene	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
c-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
t-1,2-Dichloroethene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
2,2-Dichloropropane	ND	5.0	1		TPPH	ND	500	1	
1,1-Dichloropropene	ND	5.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	98	63-141		1,2-Dichloroethane-d4	104	62-146	
Toluene-d8	99	80-120		1,4-Bromofluorobenzene	98	60-132	
Toluene-d8-TPPH	100	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec		Date Received:	05/28/11
57 Lafayette Circle, 2nd Floor		Work Order No:	11-05-1797
Lafayette, CA 94549-4321		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-5-10'	**11-05-1797-6-A**	**05/26/11 13:30**	**Solid**	**GC/MS LL**	**05/28/11**	**05/31/11 21:07**	**110531L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		c-1,3-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromodichloromethane	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	5.0	1	
Bromomethane	ND	25	1		Methylene Chloride	ND	50	1	
2-Butanone	ND	50	1		4-Methyl-2-Pentanone	ND	50	1	
n-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
sec-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
tert-Butylbenzene	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Carbon Disulfide	ND	50	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chlorobenzene	ND	5.0	1		Toluene	ND	5.0	1	
Chloroethane	ND	5.0	1		1,2,3-Trichlorobenzene	ND	10	1	
Chloroform	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
Chloromethane	ND	25	1		1,1,1-Trichloroethane	ND	5.0	1	
2-Chlorotoluene	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
Dibromochloromethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	25	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dibromoethane	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
Dibromomethane	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,2-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		p/m-Xylene	ND	5.0	1	
1,1-Dichloroethane	ND	5.0	1		o-Xylene	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
c-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
t-1,2-Dichloroethene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
2,2-Dichloropropane	ND	5.0	1		TPPH	ND	500	1	
1,1-Dichloropropene	ND	5.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	99	63-141		1,2-Dichloroethane-d4	105	62-146	
Toluene-d8	99	80-120		1,4-Bromofluorobenzene	96	60-132	
Toluene-d8-TPPH	99	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec	Date Received:	05/28/11
57 Lafayette Circle, 2nd Floor	Work Order No:	11-05-1797
Lafayette, CA 94549-4321	Preparation:	EPA 5030C
	Method:	LUFT GC/MS / EPA 8260B
	Units:	ug/kg

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-7-2'	**11-05-1797-7-A**	**05/26/11 13:50**	**Solid**	**GC/MS LL**	**05/28/11**	**05/31/11 21:36**	**110531L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		c-1,3-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromodichloromethane	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	5.0	1	
Bromomethane	ND	25	1		Methylene Chloride	ND	50	1	
2-Butanone	ND	50	1		4-Methyl-2-Pentanone	ND	50	1	
n-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
sec-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
tert-Butylbenzene	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Carbon Disulfide	ND	50	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chlorobenzene	ND	5.0	1		Toluene	ND	5.0	1	
Chloroethane	ND	5.0	1		1,2,3-Trichlorobenzene	ND	10	1	
Chloroform	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
Chloromethane	ND	25	1		1,1,1-Trichloroethane	ND	5.0	1	
2-Chlorotoluene	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
Dibromochloromethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	25	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dibromoethane	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
Dibromomethane	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,2-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		p/m-Xylene	ND	5.0	1	
1,1-Dichloroethane	ND	5.0	1		o-Xylene	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
c-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
t-1,2-Dichloroethene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
2,2-Dichloropropane	ND	5.0	1		TPPH	ND	500	1	
1,1-Dichloropropene	ND	5.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	99	63-141		1,2-Dichloroethane-d4	107	62-146	
Toluene-d8	99	80-120		1,4-Bromofluorobenzene	99	60-132	
Toluene-d8-TPPH	99	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec		Date Received:	05/28/11
57 Lafayette Circle, 2nd Floor		Work Order No:	11-05-1797
Lafayette, CA 94549-4321		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-7-10'	**11-05-1797-8-A**	**05/26/11 14:00**	**Solid**	**GC/MS LL**	**05/28/11**	**05/31/11 22:05**	**110531L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		c-1,3-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromodichloromethane	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	5.0	1	
Bromomethane	ND	25	1		Methylene Chloride	ND	50	1	
2-Butanone	ND	50	1		4-Methyl-2-Pentanone	ND	50	1	
n-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
sec-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
tert-Butylbenzene	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Carbon Disulfide	ND	50	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chlorobenzene	ND	5.0	1		Toluene	ND	5.0	1	
Chloroethane	ND	5.0	1		1,2,3-Trichlorobenzene	ND	10	1	
Chloroform	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
Chloromethane	ND	25	1		1,1,1-Trichloroethane	ND	5.0	1	
2-Chlorotoluene	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
Dibromochloromethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	25	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dibromoethane	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
Dibromomethane	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,2-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		p/m-Xylene	ND	5.0	1	
1,1-Dichloroethane	ND	5.0	1		o-Xylene	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
c-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
t-1,2-Dichloroethene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
2,2-Dichloropropane	ND	5.0	1		TPPH	ND	500	1	
1,1-Dichloropropene	ND	5.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	100	63-141		1,2-Dichloroethane-d4	109	62-146	
Toluene-d8	99	80-120		1,4-Bromofluorobenzene	99	60-132	
Toluene-d8-TPPH	99	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec		Date Received:	05/28/11
57 Lafayette Circle, 2nd Floor		Work Order No:	11-05-1797
Lafayette, CA 94549-4321		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-10-2'	**11-05-1797-9-A**	**05/26/11 14:15**	**Solid**	**GC/MS LL**	**05/28/11**	**05/31/11 22:34**	**110531L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		c-1,3-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromodichloromethane	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	5.0	1	
Bromomethane	ND	25	1		Methylene Chloride	ND	50	1	
2-Butanone	ND	50	1		4-Methyl-2-Pentanone	ND	50	1	
n-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
sec-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
tert-Butylbenzene	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Carbon Disulfide	ND	50	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chlorobenzene	ND	5.0	1		Toluene	ND	5.0	1	
Chloroethane	ND	5.0	1		1,2,3-Trichlorobenzene	ND	10	1	
Chloroform	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
Chloromethane	ND	25	1		1,1,1-Trichloroethane	ND	5.0	1	
2-Chlorotoluene	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
Dibromochloromethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	25	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dibromoethane	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
Dibromomethane	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,2-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		p/m-Xylene	ND	5.0	1	
1,1-Dichloroethane	ND	5.0	1		o-Xylene	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
c-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
t-1,2-Dichloroethene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
2,2-Dichloropropane	ND	5.0	1		TPPH	ND	500	1	
1,1-Dichloropropene	ND	5.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	105	63-141		1,2-Dichloroethane-d4	111	62-146	
Toluene-d8	99	80-120		1,4-Bromofluorobenzene	97	60-132	
Toluene-d8-TPPH	99	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec		Date Received:	05/28/11
57 Lafayette Circle, 2nd Floor		Work Order No:	11-05-1797
Lafayette, CA 94549-4321		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-10-10'	**11-05-1797-10-A**	**05/26/11 14:20**	**Solid**	**GC/MS LL**	**05/28/11**	**05/31/11 23:03**	**110531L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		c-1,3-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromodichloromethane	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	5.0	1	
Bromomethane	ND	25	1		Methylene Chloride	ND	50	1	
2-Butanone	ND	50	1		4-Methyl-2-Pentanone	ND	50	1	
n-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
sec-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
tert-Butylbenzene	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Carbon Disulfide	ND	50	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chlorobenzene	ND	5.0	1		Toluene	ND	5.0	1	
Chloroethane	ND	5.0	1		1,2,3-Trichlorobenzene	ND	10	1	
Chloroform	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
Chloromethane	ND	25	1		1,1,1-Trichloroethane	ND	5.0	1	
2-Chlorotoluene	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
Dibromochloromethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	25	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dibromoethane	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
Dibromomethane	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,2-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		p/m-Xylene	ND	5.0	1	
1,1-Dichloroethane	ND	5.0	1		o-Xylene	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
c-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
t-1,2-Dichloroethene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
2,2-Dichloropropane	ND	5.0	1		TPPH	ND	500	1	
1,1-Dichloropropene	ND	5.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	97	63-141		1,2-Dichloroethane-d4	111	62-146	
Toluene-d8	100	80-120		1,4-Bromofluorobenzene	99	60-132	
Toluene-d8-TPPH	100	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec		Date Received:	05/28/11
57 Lafayette Circle, 2nd Floor		Work Order No:	11-05-1797
Lafayette, CA 94549-4321		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-12-2'	**11-05-1797-11-A**	**05/26/11 09:10**	**Solid**	**GC/MS LL**	**05/28/11**	**06/01/11 03:53**	**110531L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		c-1,3-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromodichloromethane	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	5.0	1	
Bromomethane	ND	25	1		Methylene Chloride	ND	50	1	
2-Butanone	ND	50	1		4-Methyl-2-Pentanone	ND	50	1	
n-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
sec-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
tert-Butylbenzene	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Carbon Disulfide	ND	50	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chlorobenzene	ND	5.0	1		Toluene	ND	5.0	1	
Chloroethane	ND	5.0	1		1,2,3-Trichlorobenzene	ND	10	1	
Chloroform	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
Chloromethane	ND	25	1		1,1,1-Trichloroethane	ND	5.0	1	
2-Chlorotoluene	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
Dibromochloromethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	25	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dibromoethane	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
Dibromomethane	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,2-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		p/m-Xylene	ND	5.0	1	
1,1-Dichloroethane	ND	5.0	1		o-Xylene	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
c-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
t-1,2-Dichloroethene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
2,2-Dichloropropane	ND	5.0	1		TPPH	ND	500	1	
1,1-Dichloropropene	ND	5.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	99	63-141		1,2-Dichloroethane-d4	108	62-146	
Toluene-d8	100	80-120		1,4-Bromofluorobenzene	93	60-132	
Toluene-d8-TPPH	100	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec		Date Received:	05/28/11
57 Lafayette Circle, 2nd Floor		Work Order No:	11-05-1797
Lafayette, CA 94549-4321		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-12-10'	**11-05-1797-12-A**	**05/26/11 09:20**	**Solid**	**GC/MS LL**	**05/28/11**	**06/01/11 05:49**	**110531L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		c-1,3-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromodichloromethane	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	5.0	1	
Bromomethane	ND	25	1		Methylene Chloride	ND	50	1	
2-Butanone	ND	50	1		4-Methyl-2-Pentanone	ND	50	1	
n-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
sec-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
tert-Butylbenzene	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Carbon Disulfide	ND	50	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chlorobenzene	ND	5.0	1		Toluene	ND	5.0	1	
Chloroethane	ND	5.0	1		1,2,3-Trichlorobenzene	ND	10	1	
Chloroform	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
Chloromethane	ND	25	1		1,1,1-Trichloroethane	ND	5.0	1	
2-Chlorotoluene	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
Dibromochloromethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	25	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dibromoethane	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
Dibromomethane	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,2-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		p/m-Xylene	ND	5.0	1	
1,1-Dichloroethane	ND	5.0	1		o-Xylene	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
c-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
t-1,2-Dichloroethene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
2,2-Dichloropropane	ND	5.0	1		TPPH	ND	500	1	
1,1-Dichloropropene	ND	5.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	102	63-141		1,2-Dichloroethane-d4	111	62-146	
Toluene-d8	100	80-120		1,4-Bromofluorobenzene	97	60-132	
Toluene-d8-TPPH	99	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec		Date Received:	05/28/11
57 Lafayette Circle, 2nd Floor		Work Order No:	11-05-1797
Lafayette, CA 94549-4321		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-11-3.5'	**11-05-1797-13-A**	**05/26/11 09:30**	**Solid**	**GC/MS LL**	**05/28/11**	**06/01/11 06:18**	**110531L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		c-1,3-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromodichloromethane	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	5.0	1	
Bromomethane	ND	25	1		Methylene Chloride	ND	50	1	
2-Butanone	ND	50	1		4-Methyl-2-Pentanone	ND	50	1	
n-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
sec-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
tert-Butylbenzene	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Carbon Disulfide	ND	50	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chlorobenzene	ND	5.0	1		Toluene	ND	5.0	1	
Chloroethane	ND	5.0	1		1,2,3-Trichlorobenzene	ND	10	1	
Chloroform	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
Chloromethane	ND	25	1		1,1,1-Trichloroethane	ND	5.0	1	
2-Chlorotoluene	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
Dibromochloromethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	25	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dibromoethane	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
Dibromomethane	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,2-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		p/m-Xylene	ND	5.0	1	
1,1-Dichloroethane	ND	5.0	1		o-Xylene	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
c-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
t-1,2-Dichloroethene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
2,2-Dichloropropane	ND	5.0	1		TPPH	ND	500	1	
1,1-Dichloropropene	ND	5.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	104	63-141		1,2-Dichloroethane-d4	113	62-146	
Toluene-d8	100	80-120		1,4-Bromofluorobenzene	97	60-132	
Toluene-d8-TPPH	99	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec		Date Received:	05/28/11
57 Lafayette Circle, 2nd Floor		Work Order No:	11-05-1797
Lafayette, CA 94549-4321		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-11-7.5'	**11-05-1797-14-A**	**05/26/11 09:40**	**Solid**	**GC/MS LL**	**05/28/11**	**06/01/11 06:46**	**110531L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		c-1,3-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromodichloromethane	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	5.0	1	
Bromomethane	ND	25	1		Methylene Chloride	ND	50	1	
2-Butanone	ND	50	1		4-Methyl-2-Pentanone	ND	50	1	
n-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
sec-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
tert-Butylbenzene	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Carbon Disulfide	ND	50	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chlorobenzene	ND	5.0	1		Toluene	ND	5.0	1	
Chloroethane	ND	5.0	1		1,2,3-Trichlorobenzene	ND	10	1	
Chloroform	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
Chloromethane	ND	25	1		1,1,1-Trichloroethane	ND	5.0	1	
2-Chlorotoluene	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
Dibromochloromethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	25	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dibromoethane	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
Dibromomethane	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,2-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		p/m-Xylene	ND	5.0	1	
1,1-Dichloroethane	ND	5.0	1		o-Xylene	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
c-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
t-1,2-Dichloroethene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
2,2-Dichloropropane	ND	5.0	1		TPPH	ND	500	1	
1,1-Dichloropropene	ND	5.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	100	63-141		1,2-Dichloroethane-d4	108	62-146	
Toluene-d8	101	80-120		1,4-Bromofluorobenzene	98	60-132	
Toluene-d8-TPPH	101	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec		Date Received:	05/28/11
57 Lafayette Circle, 2nd Floor		Work Order No:	11-05-1797
Lafayette, CA 94549-4321		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-8-2'	**11-05-1797-15-A**	**05/26/11 10:00**	**Solid**	**GC/MS LL**	**05/28/11**	**06/01/11 07:15**	**110531L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		c-1,3-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromodichloromethane	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	5.0	1	
Bromomethane	ND	25	1		Methylene Chloride	ND	50	1	
2-Butanone	ND	50	1		4-Methyl-2-Pentanone	ND	50	1	
n-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
sec-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
tert-Butylbenzene	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Carbon Disulfide	ND	50	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chlorobenzene	ND	5.0	1		Toluene	ND	5.0	1	
Chloroethane	ND	5.0	1		1,2,3-Trichlorobenzene	ND	10	1	
Chloroform	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
Chloromethane	ND	25	1		1,1,1-Trichloroethane	ND	5.0	1	
2-Chlorotoluene	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
Dibromochloromethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	25	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dibromoethane	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
Dibromomethane	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,2-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		p/m-Xylene	ND	5.0	1	
1,1-Dichloroethane	ND	5.0	1		o-Xylene	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
c-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
t-1,2-Dichloroethene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
2,2-Dichloropropane	ND	5.0	1		TPPH	ND	500	1	
1,1-Dichloropropene	ND	5.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	100	63-141		1,2-Dichloroethane-d4	118	62-146	
Toluene-d8	99	80-120		1,4-Bromofluorobenzene	95	60-132	
Toluene-d8-TPPH	99	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321

Date Received: 05/28/11
Work Order No: 11-05-1797
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B
Units: ug/kg

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-8-6.5'	**11-05-1797-16-A**	**05/26/11 10:05**	**Solid**	**GC/MS LL**	**05/28/11**	**06/01/11 07:44**	**110531L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		c-1,3-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromodichloromethane	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	5.0	1	
Bromomethane	ND	25	1		Methylene Chloride	ND	50	1	
2-Butanone	ND	50	1		4-Methyl-2-Pentanone	ND	50	1	
n-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
sec-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
tert-Butylbenzene	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Carbon Disulfide	ND	50	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chlorobenzene	ND	5.0	1		Toluene	ND	5.0	1	
Chloroethane	ND	5.0	1		1,2,3-Trichlorobenzene	ND	10	1	
Chloroform	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
Chloromethane	ND	25	1		1,1,1-Trichloroethane	ND	5.0	1	
2-Chlorotoluene	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
Dibromochloromethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	25	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dibromoethane	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
Dibromomethane	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,2-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		p/m-Xylene	ND	5.0	1	
1,1-Dichloroethane	ND	5.0	1		o-Xylene	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
c-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
t-1,2-Dichloroethene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
2,2-Dichloropropane	ND	5.0	1		TPPH	ND	500	1	
1,1-Dichloropropene	ND	5.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	97	63-141		1,2-Dichloroethane-d4	116	62-146	
Toluene-d8	99	80-120		1,4-Bromofluorobenzene	98	60-132	
Toluene-d8-TPPH	100	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec		Date Received:	05/28/11
57 Lafayette Circle, 2nd Floor		Work Order No:	11-05-1797
Lafayette, CA 94549-4321		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-6-2'	**11-05-1797-17-A**	**05/26/11 10:30**	**Solid**	**GC/MS LL**	**05/28/11**	**06/01/11 08:12**	**110531L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		c-1,3-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromodichloromethane	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	5.0	1	
Bromomethane	ND	25	1		Methylene Chloride	ND	50	1	
2-Butanone	ND	50	1		4-Methyl-2-Pentanone	ND	50	1	
n-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
sec-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
tert-Butylbenzene	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Carbon Disulfide	ND	50	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chlorobenzene	ND	5.0	1		Toluene	ND	5.0	1	
Chloroethane	ND	5.0	1		1,2,3-Trichlorobenzene	ND	10	1	
Chloroform	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
Chloromethane	ND	25	1		1,1,1-Trichloroethane	ND	5.0	1	
2-Chlorotoluene	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
Dibromochloromethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	25	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dibromoethane	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
Dibromomethane	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,2-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		p/m-Xylene	ND	5.0	1	
1,1-Dichloroethane	ND	5.0	1		o-Xylene	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
c-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
t-1,2-Dichloroethene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
2,2-Dichloropropane	ND	5.0	1		TPPH	ND	500	1	
1,1-Dichloropropene	ND	5.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	101	63-141		1,2-Dichloroethane-d4	114	62-146	
Toluene-d8	100	80-120		1,4-Bromofluorobenzene	97	60-132	
Toluene-d8-TPPH	100	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec		Date Received:	05/28/11
57 Lafayette Circle, 2nd Floor		Work Order No:	11-05-1797
Lafayette, CA 94549-4321		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-6-8.5'	**11-05-1797-18-A**	**05/26/11 10:45**	**Solid**	**GC/MS LL**	**05/28/11**	**06/01/11 08:41**	**110531L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		c-1,3-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromodichloromethane	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	5.0	1	
Bromomethane	ND	25	1		Methylene Chloride	ND	50	1	
2-Butanone	ND	50	1		4-Methyl-2-Pentanone	ND	50	1	
n-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
sec-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
tert-Butylbenzene	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Carbon Disulfide	ND	50	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chlorobenzene	ND	5.0	1		Toluene	ND	5.0	1	
Chloroethane	ND	5.0	1		1,2,3-Trichlorobenzene	ND	10	1	
Chloroform	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
Chloromethane	ND	25	1		1,1,1-Trichloroethane	ND	5.0	1	
2-Chlorotoluene	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
Dibromochloromethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	25	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dibromoethane	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
Dibromomethane	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,2-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		p/m-Xylene	ND	5.0	1	
1,1-Dichloroethane	ND	5.0	1		o-Xylene	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
c-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
t-1,2-Dichloroethene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
2,2-Dichloropropane	ND	5.0	1		TPPH	ND	500	1	
1,1-Dichloropropene	ND	5.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	95	63-141		1,2-Dichloroethane-d4	114	62-146	
Toluene-d8	101	80-120		1,4-Bromofluorobenzene	97	60-132	
Toluene-d8-TPPH	101	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321

Date Received:	05/28/11
Work Order No:	11-05-1797
Preparation:	EPA 5030C
Method:	LUFT GC/MS / EPA 8260B
Units:	ug/kg

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-6-10'	**11-05-1797-19-A**	**05/26/11 10:50**	**Solid**	**GC/MS LL**	**05/28/11**	**06/01/11 09:10**	**110531L04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	12000	100		c-1,3-Dichloropropene	ND	500	100	
Benzene	1300	500	100		t-1,3-Dichloropropene	ND	500	100	
Bromobenzene	ND	500	100		Ethylbenzene	12000	500	100	
Bromochloromethane	ND	500	100		2-Hexanone	ND	5000	100	
Bromodichloromethane	ND	500	100		Isopropylbenzene	2100	500	100	
Bromoform	ND	500	100		p-Isopropyltoluene	600	500	100	
Bromomethane	ND	2500	100		Methylene Chloride	ND	5000	100	
2-Butanone	ND	5000	100		4-Methyl-2-Pentanone	ND	5000	100	
n-Butylbenzene	3700	500	100		Naphthalene	ND	5000	100	
sec-Butylbenzene	1000	500	100		n-Propylbenzene	7400	500	100	
tert-Butylbenzene	ND	500	100		1,1,1,2-Tetrachloroethane	ND	500	100	
Carbon Disulfide	ND	5000	100		1,1,2,2-Tetrachloroethane	ND	500	100	
Carbon Tetrachloride	ND	500	100		Tetrachloroethene	ND	500	100	
Chlorobenzene	ND	500	100		Toluene	ND	500	100	
Chloroethane	ND	500	100		1,2,3-Trichlorobenzene	ND	1000	100	
Chloroform	ND	500	100		1,2,4-Trichlorobenzene	ND	500	100	
Chloromethane	ND	2500	100		1,1,1-Trichloroethane	ND	500	100	
2-Chlorotoluene	ND	500	100		1,1,2-Trichloroethane	ND	500	100	
4-Chlorotoluene	ND	500	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	5000	100	
Dibromochloromethane	ND	500	100		Trichloroethene	ND	500	100	
1,2-Dibromo-3-Chloropropane	ND	2500	100		1,2,3-Trichloropropane	ND	500	100	
1,2-Dibromoethane	ND	500	100		1,2,4-Trimethylbenzene	34000	2000	400	
Dibromomethane	ND	500	100		Trichlorofluoromethane	ND	5000	100	
1,2-Dichlorobenzene	ND	500	100		1,3,5-Trimethylbenzene	12000	500	100	
1,3-Dichlorobenzene	ND	500	100		Vinyl Acetate	ND	5000	100	
1,4-Dichlorobenzene	ND	500	100		Vinyl Chloride	ND	500	100	
Dichlorodifluoromethane	ND	500	100		p/m-Xylene	16000	500	100	
1,1-Dichloroethane	ND	500	100		o-Xylene	10000	500	100	
1,2-Dichloroethane	ND	500	100		Methyl-t-Butyl Ether (MTBE)	ND	500	100	
1,1-Dichloroethene	ND	500	100		Tert-Butyl Alcohol (TBA)	ND	5000	100	
c-1,2-Dichloroethene	ND	500	100		Diisopropyl Ether (DIPE)	ND	1000	100	
t-1,2-Dichloroethene	ND	500	100		Ethyl-t-Butyl Ether (ETBE)	ND	1000	100	
1,2-Dichloropropane	ND	500	100		Tert-Amyl-Methyl Ether (TAME)	ND	1000	100	
1,3-Dichloropropane	ND	500	100		Ethanol	ND	50000	100	
2,2-Dichloropropane	ND	500	100		TPPH	510000	200000	400	
1,1-Dichloropropene	ND	500	100						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	97	63-141		1,2-Dichloroethane-d4	108	62-146	
Toluene-d8	106	80-120		1,4-Bromofluorobenzene	107	60-132	
Toluene-d8-TPPH	106	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321

Date Received: 05/28/11
Work Order No: 11-05-1797
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B
Units: ug/kg

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-3-2'	**11-05-1797-20-A**	**05/26/11 11:20**	**Solid**	**GC/MS LL**	**05/28/11**	**06/01/11 16:55**	**110601L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		c-1,3-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromodichloromethane	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	5.0	1	
Bromomethane	ND	25	1		Methylene Chloride	ND	50	1	
2-Butanone	ND	50	1		4-Methyl-2-Pentanone	ND	50	1	
n-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
sec-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
tert-Butylbenzene	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Carbon Disulfide	ND	50	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chlorobenzene	ND	5.0	1		Toluene	ND	5.0	1	
Chloroethane	ND	5.0	1		1,2,3-Trichlorobenzene	ND	10	1	
Chloroform	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
Chloromethane	ND	25	1		1,1,1-Trichloroethane	ND	5.0	1	
2-Chlorotoluene	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
Dibromochloromethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	25	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dibromoethane	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
Dibromomethane	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,2-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		p/m-Xylene	ND	5.0	1	
1,1-Dichloroethane	ND	5.0	1		o-Xylene	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
c-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
t-1,2-Dichloroethene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
2,2-Dichloropropane	ND	5.0	1		TPPH	ND	500	1	
1,1-Dichloropropene	ND	5.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	85	63-141		1,2-Dichloroethane-d4	92	62-146	
Toluene-d8	97	80-120		1,4-Bromofluorobenzene	90	60-132	
Toluene-d8-TPPH	97	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec		Date Received:	05/28/11
57 Lafayette Circle, 2nd Floor		Work Order No:	11-05-1797
Lafayette, CA 94549-4321		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-3-10'	**11-05-1797-21-A**	**05/26/11 11:25**	**Solid**	**GC/MS LL**	**05/28/11**	**06/01/11 17:24**	**110601L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		c-1,3-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromodichloromethane	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	5.0	1	
Bromomethane	ND	25	1		Methylene Chloride	ND	50	1	
2-Butanone	ND	50	1		4-Methyl-2-Pentanone	ND	50	1	
n-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
sec-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
tert-Butylbenzene	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Carbon Disulfide	ND	50	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chlorobenzene	ND	5.0	1		Toluene	ND	5.0	1	
Chloroethane	ND	5.0	1		1,2,3-Trichlorobenzene	ND	10	1	
Chloroform	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
Chloromethane	ND	25	1		1,1,1-Trichloroethane	ND	5.0	1	
2-Chlorotoluene	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
Dibromochloromethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	25	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dibromoethane	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
Dibromomethane	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,2-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		p/m-Xylene	ND	5.0	1	
1,1-Dichloroethane	ND	5.0	1		o-Xylene	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
c-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
t-1,2-Dichloroethene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
2,2-Dichloropropane	ND	5.0	1		TPPH	ND	500	1	
1,1-Dichloropropene	ND	5.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	90	63-141		1,2-Dichloroethane-d4	93	62-146	
Toluene-d8	98	80-120		1,4-Bromofluorobenzene	93	60-132	
Toluene-d8-TPPH	98	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec		Date Received:	05/28/11
57 Lafayette Circle, 2nd Floor		Work Order No:	11-05-1797
Lafayette, CA 94549-4321		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-9-2'	**11-05-1797-22-A**	**05/26/11 14:50**	**Solid**	**GC/MS LL**	**05/28/11**	**06/01/11 19:49**	**110601L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		c-1,3-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromodichloromethane	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	5.0	1	
Bromomethane	ND	25	1		Methylene Chloride	ND	50	1	
2-Butanone	ND	50	1		4-Methyl-2-Pentanone	ND	50	1	
n-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
sec-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
tert-Butylbenzene	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Carbon Disulfide	ND	50	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chlorobenzene	ND	5.0	1		Toluene	ND	5.0	1	
Chloroethane	ND	5.0	1		1,2,3-Trichlorobenzene	ND	10	1	
Chloroform	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
Chloromethane	ND	25	1		1,1,1-Trichloroethane	ND	5.0	1	
2-Chlorotoluene	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
Dibromochloromethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	25	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dibromoethane	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
Dibromomethane	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,2-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		p/m-Xylene	ND	5.0	1	
1,1-Dichloroethane	ND	5.0	1		o-Xylene	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
c-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
t-1,2-Dichloroethene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
2,2-Dichloropropane	ND	5.0	1		TPPH	ND	500	1	
1,1-Dichloropropene	ND	5.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	91	63-141		1,2-Dichloroethane-d4	94	62-146	
Toluene-d8	98	80-120		1,4-Bromofluorobenzene	92	60-132	
Toluene-d8-TPPH	97	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec		Date Received:	05/28/11
57 Lafayette Circle, 2nd Floor		Work Order No:	11-05-1797
Lafayette, CA 94549-4321		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-9-10'	**11-05-1797-23-A**	**05/26/11 14:50**	**Solid**	**GC/MS LL**	**05/28/11**	**06/01/11 20:18**	**110601L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		c-1,3-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromodichloromethane	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	5.0	1	
Bromomethane	ND	25	1		Methylene Chloride	ND	50	1	
2-Butanone	ND	50	1		4-Methyl-2-Pentanone	ND	50	1	
n-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
sec-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
tert-Butylbenzene	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Carbon Disulfide	ND	50	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chlorobenzene	ND	5.0	1		Toluene	ND	5.0	1	
Chloroethane	ND	5.0	1		1,2,3-Trichlorobenzene	ND	10	1	
Chloroform	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
Chloromethane	ND	25	1		1,1,1-Trichloroethane	ND	5.0	1	
2-Chlorotoluene	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
Dibromochloromethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	25	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dibromoethane	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
Dibromomethane	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,2-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		p/m-Xylene	ND	5.0	1	
1,1-Dichloroethane	ND	5.0	1		o-Xylene	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
c-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
t-1,2-Dichloroethene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
2,2-Dichloropropane	ND	5.0	1		TPPH	ND	500	1	
1,1-Dichloropropene	ND	5.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	97	63-141		1,2-Dichloroethane-d4	99	62-146	
Toluene-d8	98	80-120		1,4-Bromofluorobenzene	94	60-132	
Toluene-d8-TPPH	98	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec		Date Received:	05/28/11
57 Lafayette Circle, 2nd Floor		Work Order No:	11-05-1797
Lafayette, CA 94549-4321		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-2-2'	**11-05-1797-24-A**	**05/26/11 10:55**	**Solid**	**GC/MS LL**	**05/28/11**	**06/01/11 20:47**	**110601L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		c-1,3-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromodichloromethane	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	5.0	1	
Bromomethane	ND	25	1		Methylene Chloride	ND	50	1	
2-Butanone	ND	50	1		4-Methyl-2-Pentanone	ND	50	1	
n-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
sec-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
tert-Butylbenzene	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Carbon Disulfide	ND	50	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chlorobenzene	ND	5.0	1		Toluene	ND	5.0	1	
Chloroethane	ND	5.0	1		1,2,3-Trichlorobenzene	ND	10	1	
Chloroform	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
Chloromethane	ND	25	1		1,1,1-Trichloroethane	ND	5.0	1	
2-Chlorotoluene	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
Dibromochloromethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	25	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dibromoethane	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
Dibromomethane	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,2-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		p/m-Xylene	ND	5.0	1	
1,1-Dichloroethane	ND	5.0	1		o-Xylene	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
c-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
t-1,2-Dichloroethene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
2,2-Dichloropropane	ND	5.0	1		TPPH	ND	500	1	
1,1-Dichloropropene	ND	5.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	94	63-141			1,2-Dichloroethane-d4	96	62-146		
Toluene-d8	98	80-120			1,4-Bromofluorobenzene	92	60-132		
Toluene-d8-TPPH	98	87-111							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321

Date Received: 05/28/11
Work Order No: 11-05-1797
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B
Units: ug/kg

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-2-10'	**11-05-1797-25-A**	**05/26/11 11:00**	**Solid**	**GC/MS LL**	**05/28/11**	**06/01/11 21:16**	**110601L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		c-1,3-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromodichloromethane	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	5.0	1	
Bromomethane	ND	25	1		Methylene Chloride	ND	50	1	
2-Butanone	ND	50	1		4-Methyl-2-Pentanone	ND	50	1	
n-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
sec-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
tert-Butylbenzene	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Carbon Disulfide	ND	50	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chlorobenzene	ND	5.0	1		Toluene	ND	5.0	1	
Chloroethane	ND	5.0	1		1,2,3-Trichlorobenzene	ND	10	1	
Chloroform	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
Chloromethane	ND	25	1		1,1,1-Trichloroethane	ND	5.0	1	
2-Chlorotoluene	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
Dibromochloromethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	25	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dibromoethane	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
Dibromomethane	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,2-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		p/m-Xylene	ND	5.0	1	
1,1-Dichloroethane	ND	5.0	1		o-Xylene	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
c-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
t-1,2-Dichloroethene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
2,2-Dichloropropane	ND	5.0	1		TPPH	ND	500	1	
1,1-Dichloropropene	ND	5.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	96	63-141		1,2-Dichloroethane-d4	96	62-146	
Toluene-d8	98	80-120		1,4-Bromofluorobenzene	95	60-132	
Toluene-d8-TPPH	98	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec	Date Received:	05/28/11
57 Lafayette Circle, 2nd Floor	Work Order No:	11-05-1797
Lafayette, CA 94549-4321	Preparation:	EPA 5030C
	Method:	LUFT GC/MS / EPA 8260B
	Units:	ug/kg

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-798-1,431**	**N/A**	**Solid**	**GC/MS LL**	**05/31/11**	**05/31/11 15:18**	**110531L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		c-1,3-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromodichloromethane	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	5.0	1	
Bromomethane	ND	25	1		Methylene Chloride	ND	50	1	
2-Butanone	ND	50	1		4-Methyl-2-Pentanone	ND	50	1	
n-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
sec-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
tert-Butylbenzene	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Carbon Disulfide	ND	50	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chlorobenzene	ND	5.0	1		Toluene	ND	5.0	1	
Chloroethane	ND	5.0	1		1,2,3-Trichlorobenzene	ND	10	1	
Chloroform	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
Chloromethane	ND	25	1		1,1,1-Trichloroethane	ND	5.0	1	
2-Chlorotoluene	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
Dibromochloromethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	25	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dibromoethane	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
Dibromomethane	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,2-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		p/m-Xylene	ND	5.0	1	
1,1-Dichloroethane	ND	5.0	1		o-Xylene	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
c-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
t-1,2-Dichloroethene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
2,2-Dichloropropane	ND	5.0	1		TPPH	ND	500	1	
1,1-Dichloropropene	ND	5.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	104	63-141		1,2-Dichloroethane-d4	109	62-146	
Toluene-d8	99	80-120		1,4-Bromofluorobenzene	98	60-132	
Toluene-d8-TPPH	99	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec		Date Received:	05/28/11
57 Lafayette Circle, 2nd Floor		Work Order No:	11-05-1797
Lafayette, CA 94549-4321		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-798-1,432**	**N/A**	**Solid**	**GC/MS LL**	**05/31/11**	**06/01/11 03:24**	**110531L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		c-1,3-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromodichloromethane	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	5.0	1	
Bromomethane	ND	25	1		Methylene Chloride	ND	50	1	
2-Butanone	ND	50	1		4-Methyl-2-Pentanone	ND	50	1	
n-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
sec-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
tert-Butylbenzene	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Carbon Disulfide	ND	50	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chlorobenzene	ND	5.0	1		Toluene	ND	5.0	1	
Chloroethane	ND	5.0	1		1,2,3-Trichlorobenzene	ND	10	1	
Chloroform	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
Chloromethane	ND	25	1		1,1,1-Trichloroethane	ND	5.0	1	
2-Chlorotoluene	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
Dibromochloromethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	25	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dibromoethane	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
Dibromomethane	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,2-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		p/m-Xylene	ND	5.0	1	
1,1-Dichloroethane	ND	5.0	1		o-Xylene	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
c-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
t-1,2-Dichloroethene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
2,2-Dichloropropane	ND	5.0	1		TPPH	ND	500	1	
1,1-Dichloropropene	ND	5.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	103	63-141		1,2-Dichloroethane-d4	109	62-146	
Toluene-d8	99	80-120		1,4-Bromofluorobenzene	99	60-132	
Toluene-d8-TPPH	99	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec		Date Received:	05/28/11
57 Lafayette Circle, 2nd Floor		Work Order No:	11-05-1797
Lafayette, CA 94549-4321		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-798-1,433**	**N/A**	**Solid**	**GC/MS LL**	**05/31/11**	**06/01/11 02:55**	**110531L04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	12000	100		c-1,3-Dichloropropene	ND	500	100	
Benzene	ND	500	100		t-1,3-Dichloropropene	ND	500	100	
Bromobenzene	ND	500	100		Ethylbenzene	ND	500	100	
Bromochloromethane	ND	500	100		2-Hexanone	ND	5000	100	
Bromodichloromethane	ND	500	100		Isopropylbenzene	ND	500	100	
Bromoform	ND	500	100		p-Isopropyltoluene	ND	500	100	
Bromomethane	ND	2500	100		Methylene Chloride	ND	5000	100	
2-Butanone	ND	5000	100		4-Methyl-2-Pentanone	ND	5000	100	
n-Butylbenzene	ND	500	100		Naphthalene	ND	5000	100	
sec-Butylbenzene	ND	500	100		n-Propylbenzene	ND	500	100	
tert-Butylbenzene	ND	500	100		1,1,1,2-Tetrachloroethane	ND	500	100	
Carbon Disulfide	ND	5000	100		1,1,2,2-Tetrachloroethane	ND	500	100	
Carbon Tetrachloride	ND	500	100		Tetrachloroethene	ND	500	100	
Chlorobenzene	ND	500	100		Toluene	ND	500	100	
Chloroethane	ND	500	100		1,2,3-Trichlorobenzene	ND	1000	100	
Chloroform	ND	500	100		1,2,4-Trichlorobenzene	ND	500	100	
Chloromethane	ND	2500	100		1,1,1-Trichloroethane	ND	500	100	
2-Chlorotoluene	ND	500	100		1,1,2-Trichloroethane	ND	500	100	
4-Chlorotoluene	ND	500	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	5000	100	
Dibromochloromethane	ND	500	100		Trichloroethene	ND	500	100	
1,2-Dibromo-3-Chloropropane	ND	2500	100		1,2,3-Trichloropropane	ND	500	100	
1,2-Dibromoethane	ND	500	100		1,2,4-Trimethylbenzene	ND	500	100	
Dibromomethane	ND	500	100		Trichlorofluoromethane	ND	5000	100	
1,2-Dichlorobenzene	ND	500	100		1,3,5-Trimethylbenzene	ND	500	100	
1,3-Dichlorobenzene	ND	500	100		Vinyl Acetate	ND	5000	100	
1,4-Dichlorobenzene	ND	500	100		Vinyl Chloride	ND	500	100	
Dichlorodifluoromethane	ND	500	100		p/m-Xylene	ND	500	100	
1,1-Dichloroethane	ND	500	100		o-Xylene	ND	500	100	
1,2-Dichloroethane	ND	500	100		Methyl-t-Butyl Ether (MTBE)	ND	500	100	
1,1-Dichloroethene	ND	500	100		Tert-Butyl Alcohol (TBA)	ND	5000	100	
c-1,2-Dichloroethene	ND	500	100		Diisopropyl Ether (DIPE)	ND	1000	100	
t-1,2-Dichloroethene	ND	500	100		Ethyl-t-Butyl Ether (ETBE)	ND	1000	100	
1,2-Dichloropropane	ND	500	100		Tert-Amyl-Methyl Ether (TAME)	ND	1000	100	
1,3-Dichloropropane	ND	500	100		Ethanol	ND	50000	100	
2,2-Dichloropropane	ND	500	100		TPPH	ND	50000	100	
1,1-Dichloropropene	ND	500	100						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	95	63-141		1,2-Dichloroethane-d4	104	62-146	
Toluene-d8	102	80-120		1,4-Bromofluorobenzene	100	60-132	
Toluene-d8-TPPH	103	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec		Date Received:	05/28/11
57 Lafayette Circle, 2nd Floor		Work Order No:	11-05-1797
Lafayette, CA 94549-4321		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/kg

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-798-1,435**	**N/A**	**Solid**	**GC/MS LL**	**06/01/11**	**06/01/11 16:26**	**110601L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	120	1		c-1,3-Dichloropropene	ND	5.0	1	
Benzene	ND	5.0	1		t-1,3-Dichloropropene	ND	5.0	1	
Bromobenzene	ND	5.0	1		Ethylbenzene	ND	5.0	1	
Bromochloromethane	ND	5.0	1		2-Hexanone	ND	50	1	
Bromodichloromethane	ND	5.0	1		Isopropylbenzene	ND	5.0	1	
Bromoform	ND	5.0	1		p-Isopropyltoluene	ND	5.0	1	
Bromomethane	ND	25	1		Methylene Chloride	ND	50	1	
2-Butanone	ND	50	1		4-Methyl-2-Pentanone	ND	50	1	
n-Butylbenzene	ND	5.0	1		Naphthalene	ND	50	1	
sec-Butylbenzene	ND	5.0	1		n-Propylbenzene	ND	5.0	1	
tert-Butylbenzene	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	5.0	1	
Carbon Disulfide	ND	50	1		1,1,2,2-Tetrachloroethane	ND	5.0	1	
Carbon Tetrachloride	ND	5.0	1		Tetrachloroethene	ND	5.0	1	
Chlorobenzene	ND	5.0	1		Toluene	ND	5.0	1	
Chloroethane	ND	5.0	1		1,2,3-Trichlorobenzene	ND	10	1	
Chloroform	ND	5.0	1		1,2,4-Trichlorobenzene	ND	5.0	1	
Chloromethane	ND	25	1		1,1,1-Trichloroethane	ND	5.0	1	
2-Chlorotoluene	ND	5.0	1		1,1,2-Trichloroethane	ND	5.0	1	
4-Chlorotoluene	ND	5.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1	
Dibromochloromethane	ND	5.0	1		Trichloroethene	ND	5.0	1	
1,2-Dibromo-3-Chloropropane	ND	25	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dibromoethane	ND	5.0	1		1,2,4-Trimethylbenzene	ND	5.0	1	
Dibromomethane	ND	5.0	1		Trichlorofluoromethane	ND	50	1	
1,2-Dichlorobenzene	ND	5.0	1		1,3,5-Trimethylbenzene	ND	5.0	1	
1,3-Dichlorobenzene	ND	5.0	1		Vinyl Acetate	ND	50	1	
1,4-Dichlorobenzene	ND	5.0	1		Vinyl Chloride	ND	5.0	1	
Dichlorodifluoromethane	ND	5.0	1		p/m-Xylene	ND	5.0	1	
1,1-Dichloroethane	ND	5.0	1		o-Xylene	ND	5.0	1	
1,2-Dichloroethane	ND	5.0	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
1,1-Dichloroethene	ND	5.0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
c-1,2-Dichloroethene	ND	5.0	1		Diisopropyl Ether (DIPE)	ND	10	1	
t-1,2-Dichloroethene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
1,2-Dichloropropane	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	
1,3-Dichloropropane	ND	5.0	1		Ethanol	ND	500	1	
2,2-Dichloropropane	ND	5.0	1		TPPH	ND	500	1	
1,1-Dichloropropene	ND	5.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	95	63-141		1,2-Dichloroethane-d4	95	62-146	
Toluene-d8	99	80-120		1,4-Bromofluorobenzene	95	60-132	
Toluene-d8-TPPH	99	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec	Date Received:	05/28/11
57 Lafayette Circle, 2nd Floor	Work Order No:	11-05-1797
Lafayette, CA 94549-4321	Preparation:	EPA 5030C
	Method:	LUFT GC/MS / EPA 8260B
	Units:	ug/kg

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-798-1,436**	**N/A**	**Solid**	**GC/MS LL**	**06/01/11**	**06/01/11 15:57**	**110601L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	12000	100		c-1,3-Dichloropropene	ND	500	100	
Benzene	ND	500	100		t-1,3-Dichloropropene	ND	500	100	
Bromobenzene	ND	500	100		Ethylbenzene	ND	500	100	
Bromochloromethane	ND	500	100		2-Hexanone	ND	5000	100	
Bromodichloromethane	ND	500	100		Isopropylbenzene	ND	500	100	
Bromoform	ND	500	100		p-Isopropyltoluene	ND	500	100	
Bromomethane	ND	2500	100		Methylene Chloride	ND	5000	100	
2-Butanone	ND	5000	100		4-Methyl-2-Pentanone	ND	5000	100	
n-Butylbenzene	ND	500	100		Naphthalene	ND	5000	100	
sec-Butylbenzene	ND	500	100		n-Propylbenzene	ND	500	100	
tert-Butylbenzene	ND	500	100		1,1,1,2-Tetrachloroethane	ND	500	100	
Carbon Disulfide	ND	5000	100		1,1,2,2-Tetrachloroethane	ND	500	100	
Carbon Tetrachloride	ND	500	100		Tetrachloroethene	ND	500	100	
Chlorobenzene	ND	500	100		Toluene	ND	500	100	
Chloroethane	ND	500	100		1,2,3-Trichlorobenzene	ND	1000	100	
Chloroform	ND	500	100		1,2,4-Trichlorobenzene	ND	500	100	
Chloromethane	ND	2500	100		1,1,1-Trichloroethane	ND	500	100	
2-Chlorotoluene	ND	500	100		1,1,2-Trichloroethane	ND	500	100	
4-Chlorotoluene	ND	500	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	5000	100	
Dibromochloromethane	ND	500	100		Trichloroethene	ND	500	100	
1,2-Dibromo-3-Chloropropane	ND	2500	100		1,2,3-Trichloropropane	ND	500	100	
1,2-Dibromoethane	ND	500	100		1,2,4-Trimethylbenzene	ND	500	100	
Dibromomethane	ND	500	100		Trichlorofluoromethane	ND	5000	100	
1,2-Dichlorobenzene	ND	500	100		1,3,5-Trimethylbenzene	ND	500	100	
1,3-Dichlorobenzene	ND	500	100		Vinyl Acetate	ND	5000	100	
1,4-Dichlorobenzene	ND	500	100		Vinyl Chloride	ND	500	100	
Dichlorodifluoromethane	ND	500	100		p/m-Xylene	ND	500	100	
1,1-Dichloroethane	ND	500	100		o-Xylene	ND	500	100	
1,2-Dichloroethane	ND	500	100		Methyl-t-Butyl Ether (MTBE)	ND	500	100	
1,1-Dichloroethene	ND	500	100		Tert-Butyl Alcohol (TBA)	ND	5000	100	
c-1,2-Dichloroethene	ND	500	100		Diisopropyl Ether (DIPE)	ND	1000	100	
t-1,2-Dichloroethene	ND	500	100		Ethyl-t-Butyl Ether (ETBE)	ND	1000	100	
1,2-Dichloropropane	ND	500	100		Tert-Amyl-Methyl Ether (TAME)	ND	1000	100	
1,3-Dichloropropane	ND	500	100		Ethanol	ND	50000	100	
2,2-Dichloropropane	ND	500	100		TPPH	ND	50000	100	
1,1-Dichloropropene	ND	500	100						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	86	63-141		1,2-Dichloroethane-d4	88	62-146	
Toluene-d8	102	80-120		1,4-Bromofluorobenzene	97	60-132	
Toluene-d8-TPPH	102	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec		Date Received:	05/28/11
57 Lafayette Circle, 2nd Floor		Work Order No:	11-05-1797
Lafayette, CA 94549-4321		Preparation:	EPA 3050B
		Method:	EPA 6010B
		Units:	mg/kg
Project: PG&E - San Lorenzo Phase II			Page 1 of 6

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-1-2'	**11-05-1797-1-A**	**05/26/11 11:50**	**Solid**	**ICP 5300**	**05/31/11**	**06/01/11 17:44**	**110531L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	31.9	0.250	1	
Chromium	23.6	0.250	1		Zinc	29.8	1.00	1	
Lead	4.76	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-1-6'	**11-05-1797-2-A**	**05/26/11 11:55**	**Solid**	**ICP 5300**	**05/31/11**	**06/01/11 17:46**	**110531L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	24.4	0.250	1	
Chromium	17.3	0.250	1		Zinc	25.1	1.00	1	
Lead	3.77	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-4-2'	**11-05-1797-3-A**	**05/26/11 13:00**	**Solid**	**ICP 5300**	**05/31/11**	**06/01/11 17:47**	**110531L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	39.6	0.250	1	
Chromium	28.2	0.250	1		Zinc	36.0	1.00	1	
Lead	5.28	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-4-10'	**11-05-1797-4-A**	**05/26/11 13:18**	**Solid**	**ICP 5300**	**05/31/11**	**06/01/11 17:49**	**110531L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	34.5	0.250	1	
Chromium	28.1	0.250	1		Zinc	29.9	1.00	1	
Lead	6.11	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-5-2'	**11-05-1797-5-A**	**05/26/11 13:25**	**Solid**	**ICP 5300**	**05/31/11**	**06/01/11 17:55**	**110531L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	31.3	0.250	1	
Chromium	26.1	0.250	1		Zinc	36.1	1.00	1	
Lead	9.69	0.500	1						

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec	Date Received: 05/28/11
57 Lafayette Circle, 2nd Floor	Work Order No: 11-05-1797
Lafayette, CA 94549-4321	Preparation: EPA 3050B
	Method: EPA 6010B
	Units: mg/kg
Project: PG&E - San Lorenzo Phase II	Page 2 of 6

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-5-10'	**11-05-1797-6-A**	**05/26/11 13:30**	**Solid**	**ICP 5300**	**05/31/11**	**06/01/11 17:57**	**110531L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	25.6	0.250	1	
Chromium	16.5	0.250	1		Zinc	64.1	1.00	1	
Lead	8.69	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-7-2'	**11-05-1797-7-A**	**05/26/11 13:50**	**Solid**	**ICP 5300**	**05/31/11**	**06/01/11 17:39**	**110531L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	33.8	0.250	1	
Chromium	23.9	0.250	1		Zinc	31.4	1.00	1	
Lead	5.24	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-7-10'	**11-05-1797-8-A**	**05/26/11 14:00**	**Solid**	**ICP 5300**	**05/31/11**	**06/01/11 17:58**	**110531L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	29.0	0.250	1	
Chromium	26.3	0.250	1		Zinc	32.8	1.00	1	
Lead	5.61	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-10-2'	**11-05-1797-9-A**	**05/26/11 14:15**	**Solid**	**ICP 5300**	**05/31/11**	**06/01/11 18:00**	**110531L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	42.6	0.250	1	
Chromium	31.2	0.250	1		Zinc	39.9	1.00	1	
Lead	6.01	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-10-10'	**11-05-1797-10-A**	**05/26/11 14:20**	**Solid**	**ICP 5300**	**05/31/11**	**06/01/11 18:01**	**110531L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	41.1	0.250	1	
Chromium	29.8	0.250	1		Zinc	39.0	1.00	1	
Lead	5.97	0.500	1						

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec		Date Received:	05/28/11
57 Lafayette Circle, 2nd Floor		Work Order No:	11-05-1797
Lafayette, CA 94549-4321		Preparation:	EPA 3050B
		Method:	EPA 6010B
		Units:	mg/kg
Project: PG&E - San Lorenzo Phase II			Page 3 of 6

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-12-2'	**11-05-1797-11-A**	**05/26/11 09:10**	**Solid**	**ICP 5300**	**05/31/11**	**06/01/11 18:03**	**110531L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	35.8	0.250	1	
Chromium	26.1	0.250	1		Zinc	35.1	1.00	1	
Lead	11.5	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-12-10'	**11-05-1797-12-A**	**05/26/11 09:20**	**Solid**	**ICP 5300**	**05/31/11**	**06/01/11 18:05**	**110531L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	31.0	0.250	1	
Chromium	20.6	0.250	1		Zinc	26.6	1.00	1	
Lead	4.92	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-11-3.5'	**11-05-1797-13-A**	**05/26/11 09:30**	**Solid**	**ICP 5300**	**05/31/11**	**06/01/11 18:07**	**110531L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	42.3	0.250	1	
Chromium	29.4	0.250	1		Zinc	42.5	1.00	1	
Lead	8.15	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-11-7.5'	**11-05-1797-14-A**	**05/26/11 09:40**	**Solid**	**ICP 5300**	**05/31/11**	**06/01/11 18:08**	**110531L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	22.4	0.250	1	
Chromium	17.0	0.250	1		Zinc	24.2	1.00	1	
Lead	3.65	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-8-2'	**11-05-1797-15-A**	**05/26/11 10:00**	**Solid**	**ICP 5300**	**05/31/11**	**06/01/11 18:10**	**110531L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	40.2	0.250	1	
Chromium	31.2	0.250	1		Zinc	43.7	1.00	1	
Lead	8.19	0.500	1						

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec		Date Received:	05/28/11
57 Lafayette Circle, 2nd Floor		Work Order No:	11-05-1797
Lafayette, CA 94549-4321		Preparation:	EPA 3050B
		Method:	EPA 6010B
		Units:	mg/kg
Project: PG&E - San Lorenzo Phase II			Page 4 of 6

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-8-6.5'	**11-05-1797-16-A**	**05/26/11 10:05**	**Solid**	**ICP 5300**	**05/31/11**	**06/01/11 18:15**	**110531L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	39.9	0.250	1	
Chromium	28.6	0.250	1		Zinc	39.2	1.00	1	
Lead	5.81	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-6-2'	**11-05-1797-17-A**	**05/26/11 10:30**	**Solid**	**ICP 5300**	**05/31/11**	**06/01/11 18:17**	**110531L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	34.3	0.250	1	
Chromium	25.8	0.250	1		Zinc	65.7	1.00	1	
Lead	14.2	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-6-8.5'	**11-05-1797-18-A**	**05/26/11 10:45**	**Solid**	**ICP 5300**	**05/31/11**	**06/01/11 18:19**	**110531L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	35.5	0.250	1	
Chromium	27.8	0.250	1		Zinc	39.6	1.00	1	
Lead	7.59	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-6-10'	**11-05-1797-19-A**	**05/26/11 10:50**	**Solid**	**ICP 5300**	**05/31/11**	**06/01/11 18:21**	**110531L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	41.9	0.250	1	
Chromium	32.5	0.250	1		Zinc	36.8	1.00	1	
Lead	6.66	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-3-2'	**11-05-1797-20-A**	**05/26/11 11:20**	**Solid**	**ICP 5300**	**05/31/11**	**06/01/11 18:22**	**110531L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	45.3	0.250	1	
Chromium	30.6	0.250	1		Zinc	38.2	1.00	1	
Lead	6.15	0.500	1						

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec		Date Received:	05/28/11
57 Lafayette Circle, 2nd Floor		Work Order No:	11-05-1797
Lafayette, CA 94549-4321		Preparation:	EPA 3050B
		Method:	EPA 6010B
		Units:	mg/kg
Project: PG&E - San Lorenzo Phase II			Page 5 of 6

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-3-10'	**11-05-1797-21-A**	**05/26/11 11:25**	**Solid**	**ICP 5300**	**05/31/11**	**06/01/11 18:24**	**110531L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	58.6	0.250	1	
Chromium	32.0	0.250	1		Zinc	40.8	1.00	1	
Lead	6.60	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-9-2'	**11-05-1797-22-A**	**05/26/11 14:50**	**Solid**	**ICP 5300**	**05/31/11**	**06/01/11 18:25**	**110531L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	36.9	0.250	1	
Chromium	27.8	0.250	1		Zinc	34.6	1.00	1	
Lead	5.39	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-9-10'	**11-05-1797-23-A**	**05/26/11 14:50**	**Solid**	**ICP 5300**	**05/31/11**	**06/01/11 18:27**	**110531L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	50.2	0.250	1	
Chromium	34.3	0.250	1		Zinc	40.6	1.00	1	
Lead	7.33	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-2-2'	**11-05-1797-24-A**	**05/26/11 10:55**	**Solid**	**ICP 5300**	**05/31/11**	**06/01/11 18:29**	**110531L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	37.2	0.250	1	
Chromium	26.4	0.250	1		Zinc	42.4	1.00	1	
Lead	12.7	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB-2-10'	**11-05-1797-25-A**	**05/26/11 11:00**	**Solid**	**ICP 5300**	**05/31/11**	**06/01/11 18:30**	**110531L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	45.1	0.250	1	
Chromium	34.2	0.250	1		Zinc	39.2	1.00	1	
Lead	6.45	0.500	1						

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Stantec
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321

Date Received: 05/28/11
Work Order No: 11-05-1797
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: PG&E - San Lorenzo Phase II

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-01-002-14,956**	**N/A**	**Solid**	**ICP 5300**	**05/31/11**	**05/31/11 15:40**	**110531L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	ND	0.250	1	
Chromium	ND	0.250	1		Zinc	ND	1.00	1	
Lead	ND	0.500	1						

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-01-002-14,957**	**N/A**	**Solid**	**ICP 5300**	**05/31/11**	**06/01/11 17:33**	**110531L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.500	1		Nickel	ND	0.250	1	
Chromium	ND	0.250	1		Zinc	ND	1.00	1	
Lead	ND	0.500	1						

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Stantec
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321

Date Received: 05/28/11
Work Order No: 11-05-1797
Preparation: EPA 3050B
Method: EPA 6010B

Project PG&E - San Lorenzo Phase II

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
11-05-1791-1	**Solid**	**ICP 5300**	**05/31/11**	**05/31/11**	**110531S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Cadmium	105	92	75-125	13	0-20	
Chromium	123	119	75-125	1	0-20	
Lead	105	111	75-125	3	0-20	
Nickel	115	100	75-125	6	0-20	
Zinc	4X	4X	75-125	4X	0-20	Q

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - PDS / PDSD

Stantec		Date Received	05/28/11
57 Lafayette Circle, 2nd Floor		Work Order No:	11-05-1797
Lafayette, CA 94549-4321		Preparation:	EPA 3050B
		Method:	EPA 6010B

Project: PG&E - San Lorenzo Phase II

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	PDS / PDSD Batch Number
11-05-1791-1	**Solid**	**ICP 5300**	**05/31/11**	**06/02/11**	**110531S01**

Parameter	PDS %REC	PDSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Cadmium	88	85	75-125	4	0-20	
Chromium	94	88	75-125	2	0-20	
Lead	85	80	75-125	3	0-20	
Nickel	86	82	75-125	2	0-20	
Zinc	4X	4X	75-125	4X	0-20	Q

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Stantec
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321

Date Received: 05/28/11
Work Order No: 11-05-1797
Preparation: EPA 3050B
Method: EPA 6010B

Project PG&E - San Lorenzo Phase II

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SB-7-2'	**Solid**	**ICP 5300**	**05/31/11**	**06/01/11**	**110531S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Cadmium	95	94	75-125	1	0-20	
Chromium	125	107	75-125	8	0-20	
Lead	94	95	75-125	0	0-20	
Nickel	130	113	75-125	7	0-20	3
Zinc	99	98	75-125	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Stantec
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321

Date Received: 05/28/11
Work Order No: 11-05-1797
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project PG&E - San Lorenzo Phase II

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SB-1-2'	**Solid**	**GC 48**	**05/31/11**	**05/31/11**	**110531S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	104	98	64-130	6	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Stantec
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321

Date Received: 05/28/11
Work Order No: 11-05-1797
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project PG&E - San Lorenzo Phase II

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
11-05-1750-2	**Solid**	**GC 48**	**05/31/11**	**05/31/11**	**110531S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	95	98	64-130	3	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Stantec
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321

Date Received: 05/28/11
Work Order No: 11-05-1797
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project PG&E - San Lorenzo Phase II

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SB-1-2'	**Solid**	**GC/MS LL**	**05/28/11**	**05/31/11**	**110531S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	101	94	61-127	8	0-20	
Carbon Tetrachloride	103	100	51-135	3	0-29	
Chlorobenzene	96	92	57-123	5	0-20	
1,2-Dibromoethane	96	91	64-124	6	0-20	
1,2-Dichlorobenzene	92	88	35-131	5	0-25	
1,2-Dichloroethane	105	97	80-120	7	0-20	
1,1-Dichloroethene	106	99	47-143	7	0-25	
Ethylbenzene	98	94	57-129	5	0-22	
Toluene	100	93	63-123	7	0-20	
Trichloroethene	99	92	44-158	7	0-20	
Vinyl Chloride	109	104	49-139	4	0-47	
Methyl-t-Butyl Ether (MTBE)	104	98	57-123	6	0-21	
Tert-Butyl Alcohol (TBA)	96	95	30-168	1	0-34	
Diisopropyl Ether (DIPE)	102	96	57-129	7	0-20	
Ethyl-t-Butyl Ether (ETBE)	105	99	55-127	6	0-20	
Tert-Amyl-Methyl Ether (TAME)	98	92	58-124	7	0-20	
Ethanol	84	74	17-167	13	0-47	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Stantec
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321

Date Received: 05/28/11
Work Order No: 11-05-1797
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project PG&E - San Lorenzo Phase II

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SB-12-2'	**Solid**	**GC/MS LL**	**05/28/11**	**06/01/11**	**110531S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	99	89	61-127	11	0-20	
Carbon Tetrachloride	104	99	51-135	5	0-29	
Chlorobenzene	94	87	57-123	8	0-20	
1,2-Dibromoethane	95	85	64-124	11	0-20	
1,2-Dichlorobenzene	86	79	35-131	9	0-25	
1,2-Dichloroethane	109	97	80-120	12	0-20	
1,1-Dichloroethene	112	101	47-143	10	0-25	
Ethylbenzene	99	90	57-129	10	0-22	
Toluene	100	90	63-123	11	0-20	
Trichloroethene	102	92	44-158	10	0-20	
Vinyl Chloride	121	110	49-139	9	0-47	
Methyl-t-Butyl Ether (MTBE)	106	95	57-123	10	0-21	
Tert-Butyl Alcohol (TBA)	96	87	30-168	10	0-34	
Diisopropyl Ether (DIPE)	105	95	57-129	10	0-20	
Ethyl-t-Butyl Ether (ETBE)	105	96	55-127	9	0-20	
Tert-Amyl-Methyl Ether (TAME)	98	88	58-124	10	0-20	
Ethanol	39	36	17-167	9	0-47	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Stantec
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321

Date Received: 05/28/11
Work Order No: 11-05-1797
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project PG&E - San Lorenzo Phase II

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SB-3-2'	**Solid**	**GC/MS LL**	**05/28/11**	**06/01/11**	**110601S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	92	114	61-127	22	0-20	4
Carbon Tetrachloride	90	112	51-135	22	0-29	
Chlorobenzene	86	103	57-123	18	0-20	
1,2-Dibromoethane	83	100	64-124	18	0-20	
1,2-Dichlorobenzene	86	99	35-131	14	0-25	
1,2-Dichloroethane	90	112	80-120	22	0-20	4
1,1-Dichloroethene	92	114	47-143	21	0-25	
Ethylbenzene	89	108	57-129	20	0-22	
Toluene	92	113	63-123	20	0-20	
Trichloroethene	90	111	44-158	21	0-20	4
Vinyl Chloride	86	103	49-139	18	0-47	
Methyl-t-Butyl Ether (MTBE)	84	102	57-123	20	0-21	
Tert-Butyl Alcohol (TBA)	98	134	30-168	32	0-34	
Diisopropyl Ether (DIPE)	88	108	57-129	20	0-20	
Ethyl-t-Butyl Ether (ETBE)	87	107	55-127	20	0-20	
Tert-Amyl-Methyl Ether (TAME)	83	102	58-124	20	0-20	
Ethanol	104	133	17-167	24	0-47	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Stantec
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321

Date Received: N/A
Work Order No: 11-05-1797
Preparation: EPA 3050B
Method: EPA 6010B

Project: PG&E - San Lorenzo Phase II

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-002-14,956	**Solid**	**ICP 5300**	**05/31/11**	**05/31/11**	**110531L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Cadmium	113	100	80-120	12	0-20	
Chromium	110	99	80-120	11	0-20	
Lead	115	101	80-120	13	0-20	
Nickel	119	104	80-120	13	0-20	
Zinc	117	104	80-120	12	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Stantec
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321

Date Received: N/A
Work Order No: 11-05-1797
Preparation: EPA 3050B
Method: EPA 6010B

Project: PG&E - San Lorenzo Phase II

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-002-14,957	**Solid**	**ICP 5300**	**05/31/11**	**06/01/11**	**110531L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Cadmium	107	105	80-120	2	0-20	
Chromium	106	104	80-120	2	0-20	
Lead	110	109	80-120	1	0-20	
Nickel	113	111	80-120	2	0-20	
Zinc	114	112	80-120	2	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Stantec
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321

Date Received:	N/A
Work Order No:	11-05-1797
Preparation:	EPA 3550B
Method:	EPA 8015B (M)

Project: PG&E - San Lorenzo Phase II

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-275-3,981	**Solid**	**GC 48**	**05/31/11**	**05/31/11**	**110531B01S**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	121	123	75-123	2	0-12	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Stantec
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321

Date Received:	N/A
Work Order No:	11-05-1797
Preparation:	EPA 3550B
Method:	EPA 8015B (M)

Project: PG&E - San Lorenzo Phase II

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-275-3,979	**Solid**	**GC 48**	**05/31/11**	**05/31/11**	**110531B02S**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	110	111	75-123	1	0-12	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Stantec
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321

Date Received: N/A
Work Order No: 11-05-1797
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project: PG&E - San Lorenzo Phase II

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-1,431	**Solid**	**GC/MS LL**	**05/31/11**	**05/31/11**	**110531L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	90	106	78-120	71-127	16	0-20	
Carbon Tetrachloride	104	121	49-139	34-154	15	0-20	
Chlorobenzene	89	103	79-120	72-127	15	0-20	
1,2-Dibromoethane	90	104	80-120	73-127	15	0-20	
1,2-Dichlorobenzene	87	103	75-120	68-128	17	0-20	
1,2-Dichloroethane	96	113	80-120	73-127	16	0-20	
1,1-Dichloroethene	97	113	74-122	66-130	15	0-20	
Ethylbenzene	91	105	76-120	69-127	14	0-20	
Toluene	92	106	77-120	70-127	14	0-20	
Trichloroethene	93	107	80-120	73-127	14	0-20	
Vinyl Chloride	100	112	68-122	59-131	11	0-20	
Methyl-t-Butyl Ether (MTBE)	97	114	77-120	70-127	15	0-20	
Tert-Butyl Alcohol (TBA)	88	100	68-122	59-131	13	0-20	
Diisopropyl Ether (DIPE)	95	111	78-120	71-127	16	0-20	
Ethyl-t-Butyl Ether (ETBE)	97	114	78-120	71-127	16	0-20	
Tert-Amyl-Methyl Ether (TAME)	92	107	75-120	68-128	15	0-20	
Ethanol	84	102	56-140	42-154	19	0-20	
TPPH	87	90	65-135	53-147	4	0-30	

Total number of LCS compounds : 18
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Stantec
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321

Date Received: N/A
Work Order No: 11-05-1797
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project: PG&E - San Lorenzo Phase II

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-1,432	**Solid**	**GC/MS LL**	**05/31/11**	**06/01/11**	**110531L03**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	99	98	78-120	71-127	1	0-20	
Carbon Tetrachloride	100	102	49-139	34-154	2	0-20	
Chlorobenzene	93	92	79-120	72-127	1	0-20	
1,2-Dibromoethane	95	95	80-120	73-127	0	0-20	
1,2-Dichlorobenzene	86	85	75-120	68-128	1	0-20	
1,2-Dichloroethane	108	106	80-120	73-127	1	0-20	
1,1-Dichloroethene	105	104	74-122	66-130	1	0-20	
Ethylbenzene	94	93	76-120	69-127	1	0-20	
Toluene	99	97	77-120	70-127	2	0-20	
Trichloroethene	102	94	80-120	73-127	8	0-20	
Vinyl Chloride	115	111	68-122	59-131	4	0-20	
Methyl-t-Butyl Ether (MTBE)	105	105	77-120	70-127	0	0-20	
Tert-Butyl Alcohol (TBA)	97	94	68-122	59-131	3	0-20	
Diisopropyl Ether (DIPE)	104	103	78-120	71-127	1	0-20	
Ethyl-t-Butyl Ether (ETBE)	104	103	78-120	71-127	1	0-20	
Tert-Amyl-Methyl Ether (TAME)	98	98	75-120	68-128	0	0-20	
Ethanol	104	95	56-140	42-154	9	0-20	
TPPH	86	92	65-135	53-147	7	0-30	

Total number of LCS compounds : 18
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Stantec
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321

Date Received: N/A
Work Order No: 11-05-1797
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project: PG&E - San Lorenzo Phase II

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-1,433	**Solid**	**GC/MS LL**	**05/31/11**	**06/01/11**	**110531L04**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	99	98	78-120	71-127	1	0-20	
Carbon Tetrachloride	100	102	49-139	34-154	2	0-20	
Chlorobenzene	93	92	79-120	72-127	1	0-20	
1,2-Dibromoethane	95	95	80-120	73-127	0	0-20	
1,2-Dichlorobenzene	86	85	75-120	68-128	1	0-20	
1,2-Dichloroethane	108	106	80-120	73-127	1	0-20	
1,1-Dichloroethene	105	104	74-122	66-130	1	0-20	
Ethylbenzene	94	93	76-120	69-127	1	0-20	
Toluene	99	97	77-120	70-127	2	0-20	
Trichloroethene	102	94	80-120	73-127	8	0-20	
Vinyl Chloride	115	111	68-122	59-131	4	0-20	
Methyl-t-Butyl Ether (MTBE)	105	105	77-120	70-127	0	0-20	
Tert-Butyl Alcohol (TBA)	97	94	68-122	59-131	3	0-20	
Diisopropyl Ether (DIPE)	104	103	78-120	71-127	1	0-20	
Ethyl-t-Butyl Ether (ETBE)	104	103	78-120	71-127	1	0-20	
Tert-Amyl-Methyl Ether (TAME)	98	98	75-120	68-128	0	0-20	
Ethanol	104	95	56-140	42-154	9	0-20	
TPPH	86	92	65-135	53-147	7	0-30	

Total number of LCS compounds : 18
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Stantec
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321

Date Received: N/A
Work Order No: 11-05-1797
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project: PG&E - San Lorenzo Phase II

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-1,435	**Solid**	**GC/MS LL**	**06/01/11**	**06/01/11**	**110601L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	94	97	78-120	71-127	3	0-20	
Carbon Tetrachloride	97	100	49-139	34-154	3	0-20	
Chlorobenzene	91	93	79-120	72-127	2	0-20	
1,2-Dibromoethane	92	93	80-120	73-127	1	0-20	
1,2-Dichlorobenzene	92	92	75-120	68-128	0	0-20	
1,2-Dichloroethane	99	104	80-120	73-127	5	0-20	
1,1-Dichloroethene	98	98	74-122	66-130	0	0-20	
Ethylbenzene	92	93	76-120	69-127	2	0-20	
Toluene	98	101	77-120	70-127	3	0-20	
Trichloroethene	97	100	80-120	73-127	3	0-20	
Vinyl Chloride	87	93	68-122	59-131	7	0-20	
Methyl-t-Butyl Ether (MTBE)	93	96	77-120	70-127	4	0-20	
Tert-Butyl Alcohol (TBA)	99	97	68-122	59-131	2	0-20	
Diisopropyl Ether (DIPE)	97	99	78-120	71-127	3	0-20	
Ethyl-t-Butyl Ether (ETBE)	98	100	78-120	71-127	3	0-20	
Tert-Amyl-Methyl Ether (TAME)	91	95	75-120	68-128	5	0-20	
Ethanol	101	98	56-140	42-154	3	0-20	
TPPH	88	87	65-135	53-147	0	0-30	

Total number of LCS compounds : 18
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Stantec
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321

Date Received: N/A
Work Order No: 11-05-1797
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project: PG&E - San Lorenzo Phase II

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-798-1,436	**Solid**	**GC/MS LL**	**06/01/11**	**06/01/11**	**110601L03**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	94	97	78-120	71-127	3	0-20	
Carbon Tetrachloride	97	100	49-139	34-154	3	0-20	
Chlorobenzene	91	93	79-120	72-127	2	0-20	
1,2-Dibromoethane	92	93	80-120	73-127	1	0-20	
1,2-Dichlorobenzene	92	92	75-120	68-128	0	0-20	
1,2-Dichloroethane	99	104	80-120	73-127	5	0-20	
1,1-Dichloroethene	98	98	74-122	66-130	0	0-20	
Ethylbenzene	92	93	76-120	69-127	2	0-20	
Toluene	98	101	77-120	70-127	3	0-20	
Trichloroethene	97	100	80-120	73-127	3	0-20	
Vinyl Chloride	87	93	68-122	59-131	7	0-20	
Methyl-t-Butyl Ether (MTBE)	93	96	77-120	70-127	4	0-20	
Tert-Butyl Alcohol (TBA)	99	97	68-122	59-131	2	0-20	
Diisopropyl Ether (DIPE)	97	99	78-120	71-127	3	0-20	
Ethyl-t-Butyl Ether (ETBE)	98	100	78-120	71-127	3	0-20	
Tert-Amyl-Methyl Ether (TAME)	91	95	75-120	68-128	5	0-20	
Ethanol	101	98	56-140	42-154	3	0-20	
TPPH	88	87	65-135	53-147	0	0-30	

Total number of LCS compounds : 18
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 11-05-1797

Qualifier	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported without further clarification.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Lafayette

1797

STANTEC Los Gatos Office
57 Lafayette Circle
Lafayette, CA 94549
TEL: (408) 356-6124 FAX: (408) 356-6138

STANTEC CONSULTING

CHAIN OF CUSTODY RECORD

Stantec Contact(s) for Invoice: Greg Hoehn
EMAIL: greg.hoehn@stantec.com
EMAIL:

STANTEC Project #: 185702404

DATE: 5/26/11

PAGE: 1 OF 3

Project Name: PGE San Lorenzo Phase II

Address: 997 Grant Ave
San Lorenzo, CA

Sampler(s) Printed Name: Khamly Chuop

Sampler(s) Signature: K Chuop

Laboratory: Cal Science

Lab Use Only:

Turn-around Time (Business Days):
☐ 10 DAYS ☐ 5 DAYS ☐ 72 HR ☐ 48 HR ☐ 24 HR ☐ <24 HR
☑ OTHER STANDARD

Special Instructions or Notes:

Temperature Upon Receipt (C):

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MAT-RIX	No. of Cont.	Pre-serve	TPHg + VOCs 8260B	TPHd w/ silica gel cleanup 8015M	LUFT metals 6010B	Other:	Laboratory Notes
1	SB-1-2'	5-26-11	11:50				X	X	X		
2	SB-1-6'		11:55								
3	SB-4-2'		1300								
DO	~~SB-4-2'~~		~~1315~~								
4	SB-4-10'		1318								
5	SB-5-2'		1325								
6	SB-5-10'		1330								
7	SB-7-2'		1350								
8	SB-7-10'		1400								
9	SB-10-2'		1415								
10	SB-10-10'		1420								

	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature) K Chuop	5/27/11	1200	To Khamly CEL	5/27/11	1405
Relinquished by: (Signature) to GSO	5/27/11	1730	Received by: (Signature) CEL	5/28/11	0930
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Lafayette (handwritten; "Los Gatos" struck through)

STANTEC ~~Los Gatos~~ Office

TEL: (408) 356-6124 FAX: (408) 356-6138

STANTEC CONSULTING

1797

CHAIN OF CUSTODY RECORD

Stantec Contact(s) for Invoice: Greg Hoehn

EMAIL: greg.hoehn@stantec.com

EMAIL:

STANTEC Project #: 185702404

DATE: 5/26/11

PAGE: 2 OF 3

Project Name: PGE San Lorenzo Phase II

Address: 997 Grant Ave San Lorenzo

Sampler(s) Printed Name: Khamly Chuop

Laboratory: Cal Science

Sampler(s) Signature: K Chup

Lab Use Only:

Turn-around Time (Business Days):

☐ 10 DAYS ☐ 5 DAYS ☐ 72 HR ☐ 48 HR ☐ 24 HR ☐ <24 HR

☑ OTHER Standard

Special Instructions or Notes:

Temperature Upon Receipt (C):

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	No. of Cont.	Preserve	TPHg + VOCs 8260B	TPHd + silica gel cleanup 8015M	LUFT metals 6010B										Other:	Laboratory Notes
11	SB-12-2'	5/26/11	910	Soil	1		X	X	X											
12	SB-12-10'	↓	920	Soil	1		↓	↓	↓											
13	SB-11-~~2~~ 3.5	↓	930	Soil	1		↓	↓	↓											
14	SB-11-7.5'	↓	940	Soil	1		↓	↓	↓											
15	SB-8-2'	↓	1000	Soil	1		↓	↓	↓											
16	SB-8-6.5'	↓	1005	↓	↓		↓	↓	↓											
17	SB-6-2'	↓	1030	↓	↓		↓	↓	↓											
18	SB-6-8.5'	↓	1045	↓	↓		↓	↓	↓											
19	SB-6-10'	↓	1050	↓	↓		↓	↓	↓											
20	SB-3-2'	↓	1120	↓	↓		↓	↓	↓											
21	SB-3-10'	↓	1125	↓	↓		↓	↓	↓											

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
K Chup	5/27/11	~~1500~~	To Mally CEL	5/27/11	1405
[signature] to GSO	5/27/11	1730	[signature] CEL	5/28/11	0930

1797

Lafayette
STANTEC ~~Los Gatos~~ Office

STANTEC CONSULTING

CHAIN OF CUSTODY RECORD

TEL: (408) 356-6124 FAX: (408) 356-6138

Stantec Contact(s) for Invoice: Greg Hoehn
EMAIL: greg.hoehn@stantec.com
EMAIL:

STANTEC Project #: 185702404

DATE: 5/26/11

PAGE: 3 OF 3

Project Name: PGE San Lorenzo Phase II
Address: 997 Grant Ave
San Lorenzo

Sampler(s) Printed Name: Khamly Chup
Sampler(s) Signature: K Chup

Laboratory: Calscience
Lab Use Only:

Turn-around Time (Business Days):
☐ 10 DAYS ☐ 5 DAYS ☐ 72 HR ☐ 48 HR ☐ 24 HR ☐ <24 HR
☒ OTHER Standard

Special Instructions or Notes:

Temperature Upon Receipt (C):

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	No. of Cont.	Preserve	TPHg + VOCs 8260B	TPHd w/ silica gel cleanup 8015m	LUFT Metals 6010B	Other:	Laboratory Notes
22	SB-9-2'	5/26/11	1450				X	X	X		
23	SB-9-10"		1450				↓	↓	↓		
24	SB-2-2'		1055				↓	↓	↓		
25	SB 2-10'		1100				↓	↓	↓		

	Date:	Time:		Date:	Time:
Relinquished by: (Signature) K Chup	5/27/11	1340	Received by: (Signature) To Molly CDC	5/27/11	1405
Relinquished by: (Signature) to GSD	5/27/11	1730	Received by: (Signature) CDC	5/28/11	0930
Relinquished by: (Signature)			Received by: (Signature)		

1

1797

GSO

WebShip > > > > >

800-322-5555 www.gso.com

Ship From:
ALAN KEMP
CAL SCIENCE- CONCORD
5063 COMMERCIAL CIRCLE #H
CONCORD, CA 94520

Ship To:
SAMPLE RECEIVING
CEL
7440 LINCOLN WAY
GARDEN GROVE, CA 92841

COD:
$0.00

Reference:
SHAW, STANTEC, Conoco PHIL, ACTON mickelson

Delivery Instructions:

Signature Type:
SIGNATURE REQUIRED

Tracking #: 516671484

SDS

ORC

D

GARDEN GROVE

D92843A

91471647

Print Date : 05/27/11 15:52 PM

Package 1 of 1

GSO

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800-322-5555 www.gso.com

2

Ship From:
ALAN KEMP
CAL SCIENCE- CONCORD
5063 COMMERCIAL CIRCLE #H
CONCORD, CA 94520

Ship To:
SAMPLE RECEIVING
CEL
7440 LINCOLN WAY
GARDEN GROVE, CA 92841

COD:
$0.00

Reference:
ERI

Delivery Instructions:

Signature Type:
SIGNATURE REQUIRED

Tracking #: 516669842

SDS

ORC

D

GARDEN GROVE

D92843A

91469356

Print Date : 05/27/11 14:41 PM

Package 2 of 2

Send Label To Printer | Print All | Edit Shipment | Finish

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 11-05-1797

SAMPLE RECEIPT FORM

Cooler 1 of 2

CLIENT: STANTEC CONSULTING DATE: 05/28/11

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 2.1 °C + 0.5 °C (CF) = 2.6 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter Initial: YC

CUSTODY SEALS INTACT:

☑ Cooler ☐_____ ☐ No (Not Intact) ☐ Not Present ☐ N/A Initial: YC

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Initial: PT

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☐	☑	☐
☑ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
pH / Res. Chlorine / Diss. Sulfide / Diss. Oxygen received within 24 hours	☐	☐	☑
Proper preservation noted on COC or sample container	☐	☐	☑
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☑4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s** ☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐500PB ☐500PB**na** ☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** PT

Container: **C:** Clear **A:** Amber **P:** Plastic **G:** Glass **J:** Jar **B:** Bottle **Z:** Ziploc/Resealable Bag **E:** Envelope **Reviewed by:** YC

Preservative: **h:** HCL **n:** HNO_3 **na$_2$:** $Na_2S_2O_3$ **na:** NaOH **p:** H_3PO_4 **s:** H_2SO_4 **znna:** $ZnAc_2$+NaOH **f:** Field-filtered **Scanned by:** YC

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 11-05-1792

SAMPLE RECEIPT FORM

Cooler 2 of 2

CLIENT: STANTEC CONSULTING DATE: 05/28/11

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 1.8 °C + 0.5 °C (CF) = 2.3 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter **Initial:** YC

CUSTODY SEALS INTACT:

☑ Cooler ☐_____ ☐ No (Not Intact) ☐ Not Present ☐ N/A **Initial:** YC

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Initial:** PT

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☐	☑	☐
☑ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
pH / Res. Chlorine / Diss. Sulfide / Diss. Oxygen received within 24 hours	☐	☐	☑
Proper preservation noted on COC or sample container	☐	☐	☑
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☑4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s** ☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐500PB ☐500PB**na** ☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** PT

Container: **C:** Clear **A:** Amber **P:** Plastic **G:** Glass **J:** Jar **B:** Bottle **Z:** Ziploc/Resealable Bag **E:** Envelope **Reviewed by:** YC

Preservative: **h:** HCL **n:** HNO_3 **na$_2$:**$Na_2S_2O_3$ **na:** NaOH **p:** H_3PO_4 **s:** H_2SO_4 **znna:** $ZnAc_2$+NaOH **f:** Field-filtered **Scanned by:** YC