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September 26, 2012

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

RECEIVED
2:42 pm, Oct 04, 2012
Alameda County
Environmental Health

**Reference: Report of Soil Excavation Activities
Pacific Gas and Electric Company
L105N Pipeline Property
997 Grant Avenue
San Lorenzo, California 94580
RO#3094**

Dear Mr. Wickham:

Enclosed is the Report of Soil Excavation Activities (Report) for the PG&E property located at 997 Grant Avenue in San Lorenzo, California. PG&E is currently constructing a pipeline inspection gauge (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 Report transmits the results of the soil excavation activities that occurred between August 17 and 24, 2012. The work was completed in accordance with the July 24, 2012 Revised Work Plan for Limited Soil Excavation which was approved by the Alameda County Health Care Services Agency (ACHCSA) in letter dated August 14, 2012. The soil excavation was completed to address residual petroleum hydrocarbon contamination related to former site uses and to facilitate current development plans. Based on the results of confirmation soil samples, impacted soil containing concentrations above San Francisco Bay Regional Water Quality Control Board - Environmental Screening Levels (ESL) was successfully removed. Accordingly, PG&E respectfully requests ACHCSA provide a "No Further Action" letter.

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) 415-6357

Enclosure: Report of Soil Excavation Activities

**Report of Soil
Excavation Activities
Pacific Gas and Electric Company
L105N Pipeline Property**

997 Grant Avenue
San Lorenzo, California 94580
PN: 185702540



September 26, 2012

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:



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



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List of Acronyms and Abbreviations

ACHCSA	Alameda County Health Care Services Agency
ACPWA	Alameda County Public Works Agency
bgs	below ground surface
DTSC	Department of Toxic Substances Control
ERRG	Engineering/Remediation Resources Group, Inc.
ESA	Environmental Site Assessment
ESL	environmental screening level
HASP	Health and Safety Plan
LRL	laboratory reporting limit
LUFT	leaking underground fuel tank
PG&E	Pacific Gas and Electric Company
PID	photoionization detector
PIG	pipeline inspection gauge
µg/kg	micrograms per kilogram
mg/kg	milligrams per kilogram
RWQCB	Regional Water Quality Control Board
Stantec	Stantec Consulting Services Inc.
TestAmerica	TestAmerica Laboratories, Inc.
TPHd	total petroleum hydrocarbons in the diesel range
TPHg	total petroleum hydrocarbons in the gasoline range
USA	Underground Service Alert
US EPA	United States Environmental Protection Agency
UST	underground storage tank
VOC	volatile organic compound

1.0 Introduction

Stantec Consulting Services Inc. (Stantec) has prepared this soil excavation report 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 pipeline inspection gauge (PIG) receiving station on a portion of the Site for the L105N natural gas pipeline, and per agreement with Alameda County and City of San Lorenzo, is planning to develop the unused portion of the Site into a “pocket park” for public use. The soil excavation work was completed to address residual petroleum hydrocarbon contamination in soil related to former Site uses and to facilitate current development plans. The work was performed in accordance with the Revised Limited Soil Excavation Work Plan (Work Plan) dated July 24, 2012. The Work Plan was approved by the Alameda County Health Care Services Agency (ACHCSA) in a letter dated August 14, 2012.

1.1 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 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 petroleum hydrocarbons and metals concentrations in soil prior to PG&E beginning the pig receiver station construction. Stantec advanced 12 soil borings 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, total petroleum hydrocarbons in the gasoline range (TPHg), 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 planned fence for the pig receiving station):

- ❑ 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 sample (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) contained a TPHd concentration below the ESL. No TPHd impacts were detected in the post-cleanup sample results included in the "Fuel Leak Site Case Closure."

Based on the residual hydrocarbon impacts identified during the Phase II ESA, PG&E retained Stantec to prepare a work plan to remove TPH-impacted soil containing concentrations above the San Francisco Bay RWQCB ESLs for residential land use.

2.0 Scope of Work

The scope of work included soil excavation in the former gas station UST area (SB-6 excavation) and the southern pump island (SB-11 excavation) to remove soil containing petroleum hydrocarbon concentrations above the corresponding San Francisco Bay RWQCB ESLs for residential land use (see Figure 3). The following sections detail the scope of work completed.

2.1 PRELIMINARY ACTIVITIES

A Site-specific Health and Safety Plan (HASP) was prepared to address potential chemical and physical hazards associated with the soil excavation. A copy of the HASP was kept on-Site at all times while work occurred. Stantec's remediation contractor, Engineering/Remediation Resources Group, Inc. (ERRG) contacted Alameda County Public Works Agency (ACPWA) to inquire on the need for a grading permit. On July 6, 2012, the ACPWA notified ERRG via email that due to the limited scope and since the project was being overseen by the ACHCSA, the work would be exempt from grading permit requirements.

In advance of field activities, ERRG marked the excavation areas in accordance with Underground Service Alert (USA) guidelines and notified USA of upcoming subsurface activities so that existing underground utilities in the area of proposed work could be located and avoided. On August 15, 2012, a private utility locator cleared the proposed excavation areas for underground utilities and obstructions.

2.1.1 Community Notification

A fact sheet (see Appendix A) prepared by ACHCSA was distributed to the ACHCSA-provided mailing list on July 16, 2012. PG&E distributed a formal work notice (Construction Notice – Appendix A) to nearby tenants of the pending work. Copies of the work notice were also available to the public in information boxes attached to the Site fences along Washington Avenue and Grant Avenue. ACHCSA was notified via email on August 9, 2012, of the excavation start date of August 17, 2012.

2.2 EXCAVATION ACTIVITIES

Excavation activities were performed by ERRG with a backhoe and small loader (Bobcat) under the direction of Stantec on August 17, 2012, and included removing soil from the SB-6 and SB-11 boring areas. The excavation areas are shown on Figure 3. Dust generation was controlled by spraying water from a portable water tank on soils prior to and during excavation activities. The need for water application was monitored visually and the perimeter of the site was monitored with a dust meter to verify adequate dust control measures were employed. Copies of air monitoring logs are included in Appendix B.

Former UST Excavation Area (SB-6)

The SB-6 excavation was approximately 14 feet by 9 feet at the surface (sloped to approximately 8 feet by 5 feet at the bottom) and completed to a depth of approximately 11 feet bgs. Groundwater was encountered in the excavation at approximately 10.5 feet bgs which precluded extending the excavation to 12 feet bgs as proposed in the Revised Work Plan. The upper 8.5 feet of clean soil was stockpiled and covered for reuse as backfill. The soil removed from below the clean soil was stockpiled on and under plastic for subsequent transport and off-Site disposal.

Former Fuel Dispenser Island (SB-11)

The SB-11 excavation was approximately 8 feet by 6 feet at the surface (sloped to approximately 7 feet by 5 feet at the bottom) and completed to a depth of approximately 5 feet bgs. The soil removed was added to the impacted soil stockpile generated from the former UST excavation area and covered for subsequent transport and off-Site disposal.

2.2.1 Air/Noise Monitoring

In addition to the dust monitoring noted previously, organic vapors were measured with a photoionization detector (PID) and noise was monitored with a noise dosimeter. Readings were collected at the perimeter of the property to ensure the site excavation activities did not cause a nuisance condition for neighbors. The results of the dust, organic vapor, and noise monitoring documented that no appreciable effects above ambient conditions were detected along the site perimeter. Copies of the August 17, 2012, monitoring logs and the August 24, 2012, dust and noise monitoring logs are included in Appendix B.

2.2.2 Site Security

Access to the site was restricted by locked, temporary construction fencing. Additionally, the excavations were covered with plywood and encircled with snow fencing while awaiting confirmation sample analytical results before backfilling.

2.3 CONFIRMATION SOIL SAMPLING

After the excavations were completed on August 17, 2012, the excavation sidewalls and the bottom of the SB-11 excavation were visually inspected and soil was field screened with a PID to assess if contamination remained in place. Since no contamination was observed by visual inspection or field screening, in accordance with the Revised Work Plan, the sidewall confirmation soil samples from the SB-6 excavation were collected from 10 feet bgs and the sidewall samples from the SB-11 excavation were collected from a depth of 3.5 feet bgs. Due to the accumulation of groundwater in the bottom of the SB-6 excavation, no bottom confirmation soil sample could be collected. The bottom sample from the SB-11 excavation was collected from 5 feet bgs. Excavation dimensions and confirmation sample locations are shown on Figure 4.

The confirmation samples were collected from soil removed with the backhoe bucket. Soil was placed in laboratory-supplied containers, labeled, and immediately placed on ice. Confirmation soil samples were submitted under chain-of-custody documentation to TestAmerica Laboratories, Inc. (TestAmerica) in Pleasanton, California, a State of California-certified laboratory. The nine confirmation soil samples were analyzed on an expedited turnaround for TPHg and VOCs using US EPA Method 8260B. Additionally, the five confirmation samples from the SB-11 excavation were analyzed for TPHd with a silica gel cleanup using modified US EPA Method 8015B.

2.4 ANALYTICAL RESULTS

Analytical results for soil samples are summarized on Table 1 and Figure 4 depicts the TPH and VOC results. For comparison purposes, the San Francisco Bay RWQCB residential and commercial/industrial ESLs where groundwater is a current or potential source of drinking water are included on Table 1. 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. The complete laboratory confirmation sample laboratory report is included in Appendix C. The confirmation soil sample results are summarized below:

- ❑ TPHd was detected above the laboratory reporting limit (LRL) in one soil sample collected from the bottom of the SB-11 excavation (5 feet bgs) at a concentration of 1.5 milligrams per kilogram (mg/kg). The result is below the applicable residential and commercial/industrial ESL of 83 mg/kg.
- ❑ TPHg was detected above the LRL in two sidewall soil samples collected at 10 feet bgs from the SB-6 excavation. The south sidewall sample reported a concentration of 0.43 mg/kg and the west sidewall sample reported a concentration of 0.32 mg/kg. The results are below the applicable residential and commercial/industrial ESL of 83 mg/kg.
- ❑ The only VOC detected above the LRL was tert-butylbenzene in three of the sidewall samples collected from 10 feet bgs from the SB-6 excavation. The detected tert-butylbenzene concentrations ranged from 4.9 micrograms per kilogram ($\mu\text{g}/\text{kg}$) to 8.3 $\mu\text{g}/\text{kg}$. Tert-butylbenzene does not have an ESL or other screening level established.

2.5 SOIL DISPOSAL AND SITE RESTORATION

After the confirmation sample results verified adequate soil excavation had been completed, ERRG and Stantec returned to the Site on August 24, 2012, to backfill the excavations and load the impacted soil for transport to the landfill.

2.5.1 Soil Transportation and Disposal

The impacted soil was pre-profiled as non-hazardous soil, based on the soil sample analytical results from the Limited Phase II ESA. On August 24, 2012, 18.64 tons of impacted soil was loaded and transported under a non-hazardous waste manifest to the Republic Services, Forward, Inc. landfill in Manteca, California for beneficial reuse (Class II waste). Copies of the profile, non-hazardous waste manifest and the landfill weight ticket are included in Appendix D.

2.5.2 Backfilling and Site Restoration

Before clean imported material was used for backfilling, the material was tested to verify fill meets the criteria for imported fill material as presented in the Department of Toxic Substances Control (DTSC) "*Information Advisory, Clean Imported Fill Material*," dated October 2001. A sample of the fill material was collected on August 9, 2012. Soil was placed in laboratory-supplied containers, labeled and submitted under chain-of-custody documentation to Curtis and Tompkins in Berkeley, California, a State of California-certified laboratory. Since the imported fill was from a quarry, in accordance with the DTSC advisory, the material was analyzed for Title 22 metals using US EPA Methods 6010B/7471A, for pH using US EPA Method 9045D, and for asbestos using US EPA Method 600/R-93-116. The Title 22 metals results were less than ESL levels or within the range of normal background levels, pH was measured at 7.9, and no asbestos was detected. A copy of the laboratory report for the testing of the imported backfill material is included in Appendix C.

Former UST Excavation Area (SB-6)

Due to the presence of groundwater in the bottom of the excavation, ¾-inch drain rock was placed in the bottom of the excavation to 9.5 feet bgs (approximately one-foot above the groundwater level) and ¾-inch Class II aggregate base was placed to approximately 5 feet bgs in approximately 12- to 18-inch lifts and compacted with the backhoe bucket. Clean stockpiled soil was placed from 5 feet bgs to the surface in approximately 12- to 18-inch lifts and compacted with the backhoe bucket. The excavation was backfilled to the surface to match the existing area dirt surface.

Former Fuel Dispenser Island (SB-11)

The excavation was backfilled with ¾-inch Class II aggregate base from the bottom (approximately 5 feet bgs) to approximately 2.5 feet bgs in approximately 6- to 12-inch lifts and compacted with the backhoe bucket. Clean stockpiled soil was placed from 2.5 feet bgs to the surface in approximately 6- to 12-inch lifts and compacted with the backhoe bucket. The excavation was backfilled to the surface to match the existing area dirt surface.

3.0 Summary of Soil Excavation Activities

Excavation activities were completed on August 17, 2012, and included removing soil from two areas (based on borings SB-6 and SB-11 advanced in conjunction with the Limited Phase II Environmental Site Assessment conducted in May 2011). The SB-6 excavation in the former UST areas was approximately 14 feet by 9 feet at the surface (sloped to approximately 8 feet by 5 feet at the bottom) and completed to a depth of approximately 11 feet bgs. Groundwater was encountered in the excavation at approximately 10.5 deep which precluded excavation to the proposed depth of 12 feet bgs. The upper 8.5 feet of clean soil was stockpiled and covered for reuse as backfill. The soil removed from below the clean soil was stockpiled on and under plastic for subsequent disposal at a landfill. The SB-11 excavation in the former south pump island area was approximately 8 feet by 6 feet at the surface (sloped to approximately 7 feet by 5 feet at the bottom) and completed to a depth of approximately 5 feet bgs. The soil was added to the impacted soil stockpile and covered for subsequent transport and disposal to the landfill.

Confirmation soils samples were collected from the four sidewalls of the SB-6 excavation (a bottom sample could not be collected due to groundwater) and from the bottom and four sidewalls of the SB-11 excavation. The results of TPHg and VOC analyses for the SB-6 excavation samples and the TPHg, VOC, and TPHd analyses for the SB-11 were compared to San Francisco Bay RWQCB ESLs to confirm adequate soil removal had been completed.

On August 24, 2012, the impacted soil (18.64 tons) was loaded and transported under a non-hazardous waste manifest to the Republic Services, Forward, Inc. landfill in Manteca, California for beneficial reuse (Class II waste). Clean imported backfill material and stockpiled clean soil was used to backfill and compact the two excavations. The excavations were backfilled to the surface to match the existing area dirt surface.

Stantec

REPORT OF SOIL EXCAVATION ACTIVITIES
997 Grant Avenue, San Lorenzo, CA

TABLE

Report of Soil Excavation Activities
Pacific Gas and Electric Company
L105N Property
997 Grant Avenue
San Lorenzo, California
Stantec PN: 185702540.200.0003
September 26, 2012

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

Sample ID	Sample Depth (ft bgs)	Sample Date	TPHd	TPHg	VOCs	
			EPA Method 8015B with silica gel cleanup (mg/kg)	EPA Method 8260B (mg/kg)	EPA Method 8260B (µg/kg)	
			TPH as Diesel	TPH as Gasoline	tert-Butylbenzene	All Other VOCs
SB6-EXC-N-10'	10	08/17/12	--	<0.23	4.9	<4.7 - 47
SB6-EXC-S-10'	10	08/17/12	--	0.43	6.2	<5.0 - 50
SB6-EXC-E-10'	10	08/17/12	--	<0.24	<4.9	<4.9 - 49
SB6-EXC-W-10'	10	08/17/12	--	0.32	8.3	<5.0 - 50
SB-11-N-3.5'	3.5	08/17/12	<1.0	<0.23	<4.6	<4.6 - 46
SB-11-S-3.5'	3.5	08/17/12	<0.99	<0.24	<4.8	<4.8 - 48
SB-11-E-3.5'	3.5	08/17/12	<0.98	<0.24	<4.9	<4.9 - 49
SB-11-W-3.5'	3.5	08/17/12	<0.99	<0.25	<4.9	<4.9 - 49
SB-11-B-5'	5	08/17/12	1.5	<0.24	<4.8	<4.8 - 48
ESL ¹	Residential (<3m)		83	83	NE	NA
	Residential (>3m)		83	83	NE	NA
ESL ²	Commercial/Ind (<3m)		83	83	NE	NA
	Commercial/Ind (>3m)		83	83	NE	NA

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.

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).

EPA = Environmental Protection Agency

VOCs = Volatile organic compounds

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

NE = Not established

NA = Not applicable

-- = Not analyzed

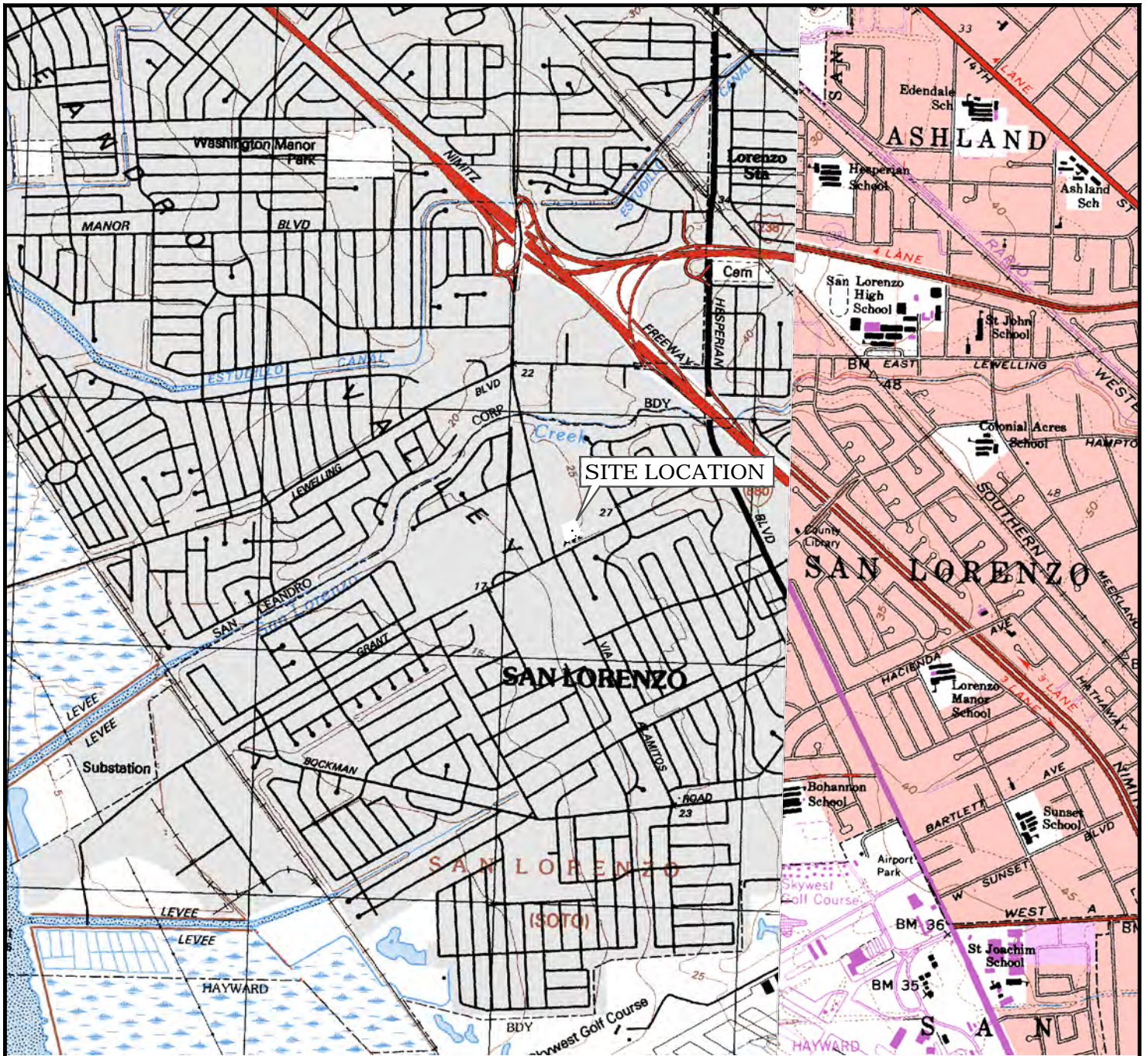
< = Analyte not detected at shown reporting limit.

Stantec

REPORT OF SOIL EXCAVATION ACTIVITIES
997 Grant Avenue, San Lorenzo, CA

FIGURES

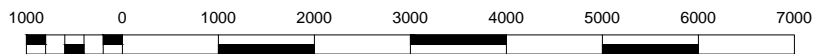
Report of Soil Excavation Activities
Pacific Gas and Electric Company
L105N Property
997 Grant Avenue
San Lorenzo, California
Stantec PN: 185702540.200.0003
September 26, 2012



CALIFORNIA



SCALE IN MILE



SCALE IN FEET

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 PIPELINE
997 GRANT AVENUE
SAN LORENZO, CA

JOB NUMBER:
185702540.200.0001

DRAWN BY:
RRR

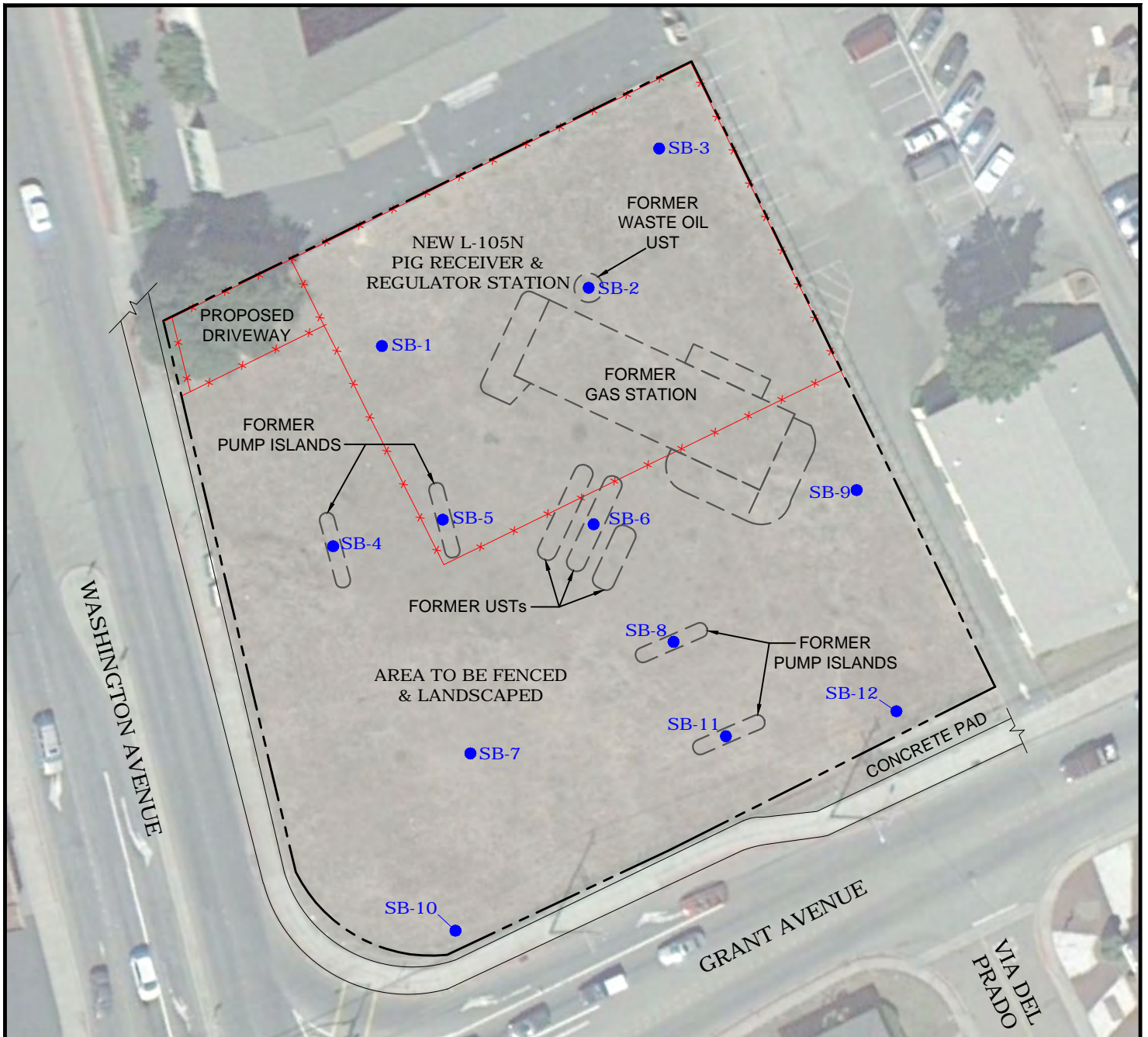
CHECKED BY:
KC

APPROVED BY:
GH

DATE:
09/04/12

SITE LOCATION MAP

1




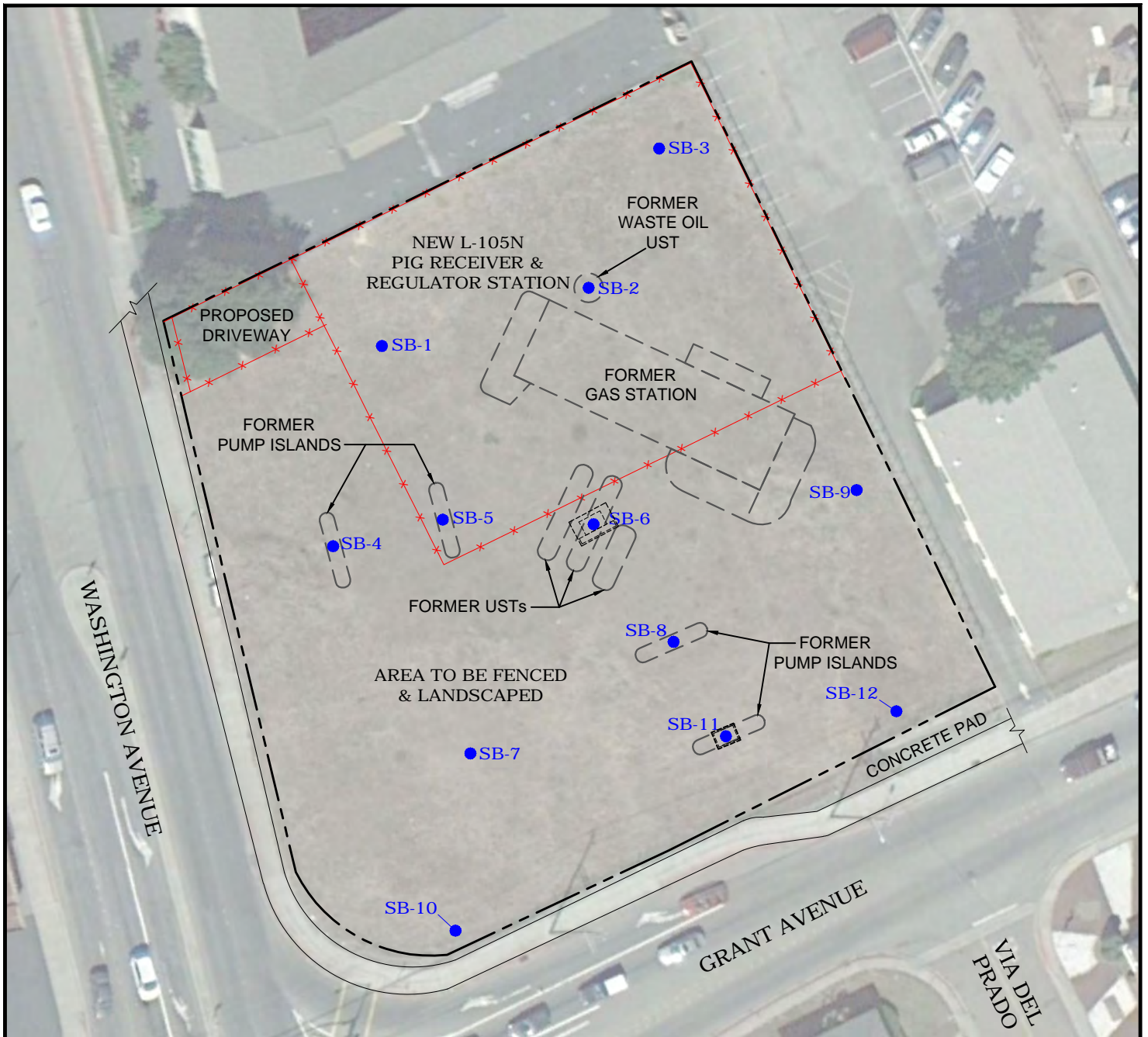
LEGEND:

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



Image courtesy of the U.S. Geological Survey and Microsoft TerraService OpenGIS Map Server APPROXIMATE SCALE IN FEET

 57 Lafayette Circle, 2nd Floor Lafayette California PHONE: (925) 299-9300 FAX: (925) 299-9302	FOR: PACIFIC GAS AND ELECTRIC COMPANY L105N PIPELINE 997 GRANT AVENUE SAN LORENZO, CA		SITE PLAN		FIGURE: <h1 style="text-align: center;">2</h1>
	JOB NUMBER: 185702540.200.0001	DRAWN BY: RRR	CHECKED BY: GH	APPROVED BY: GH	DATE: 09/04/12



LEGEND:

- SB-1 SOIL BORING LOCATION (MAY 2011)
- APPROXIMATE PROPERTY BOUNDARY
- x-x- PROPOSED FENCE LINE
- - - - FORMER GAS STATION FEATURES
- SB-6 AND SB-11 EXCAVATION AREAS (SEE FIGURE 4)

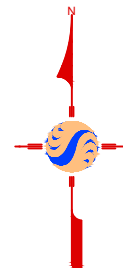



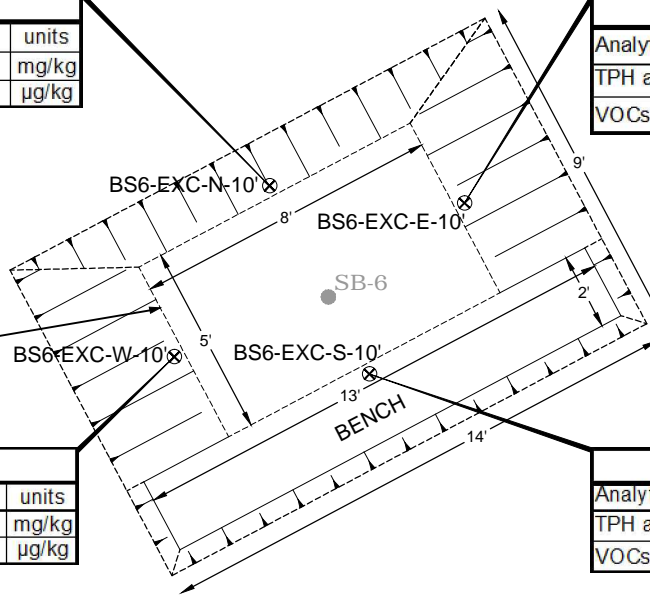
Image courtesy of the U.S. Geological Survey and Microsoft TerraService OpenGIS Map Server APPROXIMATE SCALE IN FEET

 57 Lafayette Circle, 2nd Floor Lafayette California PHONE: (925) 299-9300 FAX: (925) 299-9302	FOR: PACIFIC GAS AND ELECTRIC COMPANY L105N PIPELINE 997 GRANT AVENUE SAN LORENZO, CA		AUGUST 17, 2012 EXCAVATIONS		FIGURE: <h1 style="text-align: center;">3</h1>
	JOB NUMBER: 185702540.200.0001	DRAWN BY: RRR	CHECKED BY: GH	APPROVED BY: GH	DATE: 09/04/12

SB6-EXC-N-10'		
Analyte	Result	units
TPH as gasoline	<0.23	mg/kg
VOCs tert-Butylbenzene	4.9	µg/kg

SB6-EXC-E-10'		
Analyte	Result	units
TPH as gasoline	<0.24	mg/kg
VOCs	All non-detect	

EXCAVATION
BOTTOM
(~11' bgs)



SB6-EXC-W-10'		
Analyte	Result	units
TPH as gasoline	0.32	mg/kg
VOCs tert-Butylbenzene	8.3	µg/kg

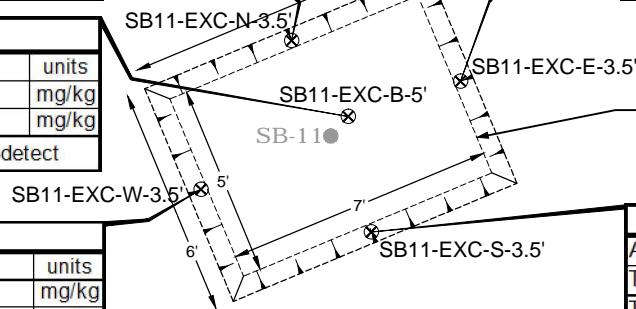
SB6-EXC-S-10'		
Analyte	Result	units
TPH as gasoline	0.43	mg/kg
VOCs tert-Butylbenzene	6.2	µg/kg

SB-6 EXCAVATION LOCATION

SB11-EXC-N-3.5'		
Analyte	Result	units
TPH as diesel	<1.0	mg/kg
TPH as gasoline	<0.23	mg/kg
VOCs	All non-detect	

SB11-EXC-E-3.5'		
Analyte	Result	units
TPH as diesel	<0.98	mg/kg
TPH as gasoline	<0.24	mg/kg
VOCs	All non-detect	

SB11-EXC-B-5'		
Analyte	Result	units
TPH as diesel	1.5	mg/kg
TPH as gasoline	<0.24	mg/kg
VOCs	All non-detect	



EXCAVATION
BOTTOM
(~5'-5.5' bgs)

SB11-EXC-W-3.5'		
Analyte	Result	units
TPH as diesel	<0.99	mg/kg
TPH as gasoline	<0.25	mg/kg
VOCs	All non-detect	

SB11-EXC-S-3.5'		
Analyte	Result	units
TPH as diesel	<0.99	mg/kg
TPH as gasoline	<0.24	mg/kg
VOCs	All non-detect	

SB-11 EXCAVATION LOCATION

LEGEND:

- ⊗ SIDEWALL OR BOTTOM CONFIRMATION
SOIL SAMPLE LOCATION (AUGUST 17, 2012)
- SB-1 SOIL BORING LOCATION (MAY 2011)
- EXCAVATION LIMITS (AUGUST 17, 2012)

ABBREVIATIONS:

- TPH = Total Petroleum Hydrocarbons
- VOCs = Volatile Organic Compounds
- bgs = Below Ground Surface
- mg/kg = milligrams per kilogram
- µg/kg = micrograms per kilogram

NOTE:

SEE THE LABORATORY REPORT FOR A COMPLETE LIST OF VOC ANALYTES AND REPORTING LIMITS.



Stantec

57 Lafayette Circle, 2nd Floor
Lafayette California

PHONE: (925) 299-9300 FAX: (925) 299-9302

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

JOB NUMBER:
185702540.200.0001

DRAWN BY:
RRR

CHECKED BY:
GH

APPROVED BY:
GH

FIGURE:

4

DATE:
09/04/12

Stantec

REPORT OF SOIL EXCAVATION ACTIVITIES
997 Grant Avenue, San Lorenzo, CA

APPENDIX A

Public Notifications

Report of Soil Excavation Activities
Pacific Gas and Electric Company
L105N Property
997 Grant Avenue
San Lorenzo, California
Stantec PN: 185702540.200.0003
September 26, 2012



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

**FACT SHEET
PG&E
July 11, 2012**

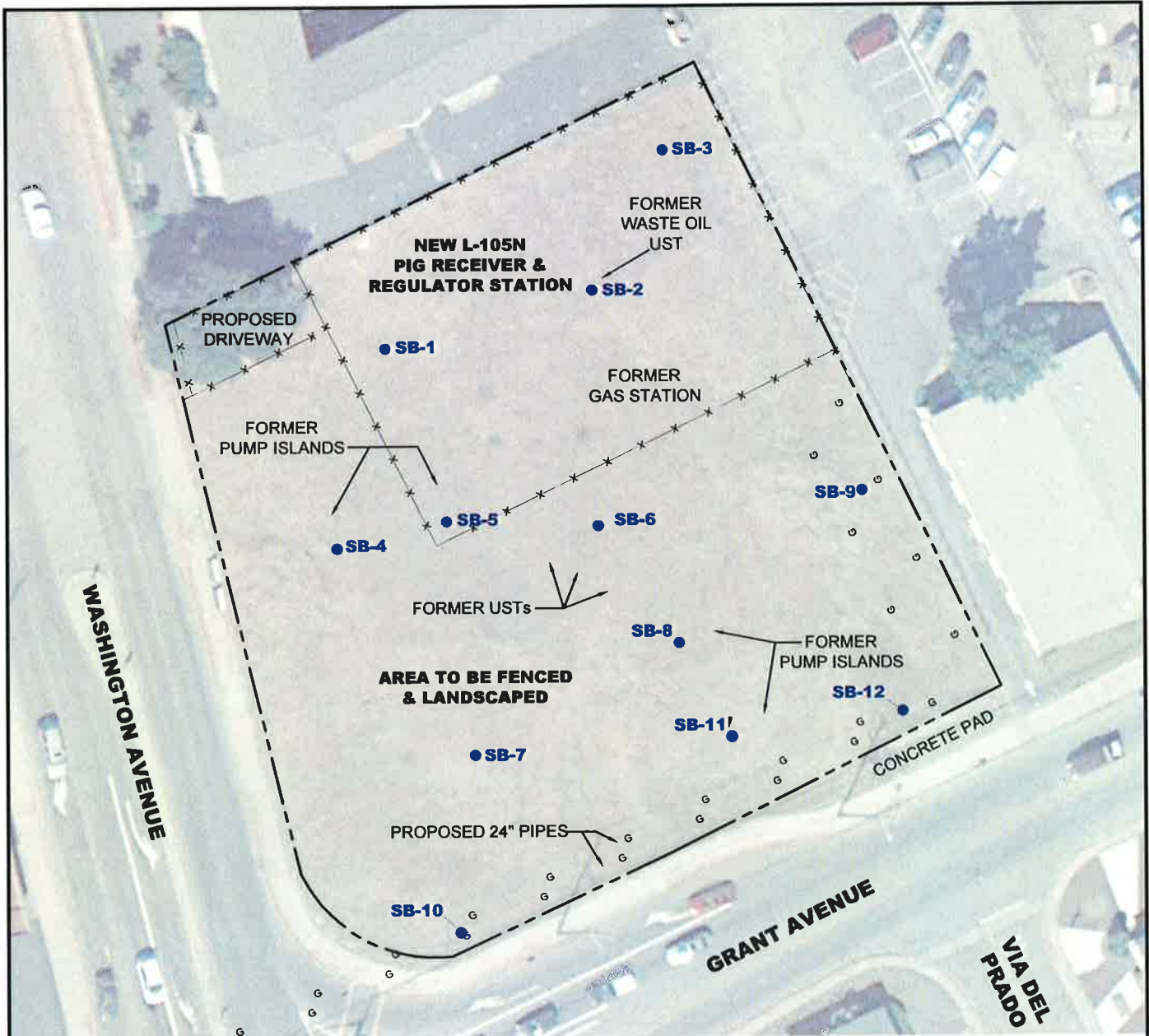
**Site Location: PG&E, 997 Grant Avenue, San Lorenzo, CA 94580
SLIC Case #RO0003094 and GeoTracker Global ID # T10000003439**

Summary – This fact sheet has been prepared to inform community members and other interested parties of a plan to excavate and remove residual petroleum hydrocarbon contaminated soil from a Pacific Gas & Electric Company (PG&E) property located at the intersection of Washington Avenue and Grant Avenue in San Lorenzo, California (see map on the back). PG&E is currently constructing a pig receiving station on a portion of the site and the City of San Lorenzo is planning to develop the remainder of the site into a public park. The residual petroleum hydrocarbons are from a former gasoline service station on the site that had a leaking fuel case. On May 26, 2011, twelve soil borings were advanced at various locations throughout the former gasoline service station to assess current conditions. Analytical results from the soil samples indicated that total petroleum hydrocarbons (TPH) as diesel, TPH as gasoline, benzene, ethylbenzene, and xylenes were present in soil at concentrations that exceeded Environmental Screening Levels developed by the San Francisco Bay Regional Water Quality Control Board. PG&E is proposing excavation of petroleum hydrocarbon contamination from the former service station southern pump island and former underground storage tank (UST) areas. The excavated soil will be disposed off-site as non-Hazardous (Class II) waste at a facility that is permitted to take petroleum-contaminated soil. Dust and odor control measures consisting primarily of wetting and sprinkling will be implemented to minimize airborne dust and odor during excavation. Confirmation soil samples will be collected during and following excavation to confirm that soils with elevated concentrations of petroleum hydrocarbons have been removed. The excavations will be backfilled with clean imported fill.

Background – The site is a 1.4-acre lot that was formerly a gasoline service station until the USTs were removed in December 1990. A PG&E pig-receiving station is under construction in the northern corner of the site and the remainder of the site will be developed as a public park (see map on the back).

Next Step – Pacific Gas & Electric Company is working with Alameda County Environmental Health (ACEH) to implement a soil cleanup at the site. The proposed soil cleanup is described in a plan prepared by Stantec Consulting Services, Inc. on behalf of PGE entitled, "*Work Plan for Limited Soil Excavation*," and dated June 19, 2012. The public is invited to review and comment on the cleanup action proposed in this Work Plan. This Work Plan and the entire case file can be viewed over the Internet on the ACEH website (<http://www.acgov.org/aceh/lop/ust.htm>) or the State of California Water Resources Control Board Geotracker website (<http://geotracker.swrcb.ca.gov>). Please send written comments to Jerry Wickham at the address below; all comments will be forwarded to the responsible parties. **Comments received by August 13, 2012** will be considered and responded to prior to a final determination on the proposed cleanup.

Additional information: Contact Jerry Wickham of the Alameda County Department of Environmental Health, 1131 Harbor Bay Parkway, Alameda, CA 94502 at 510-567-6791 or by email at jerry.wickham@acgov.org



LEGEND:

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

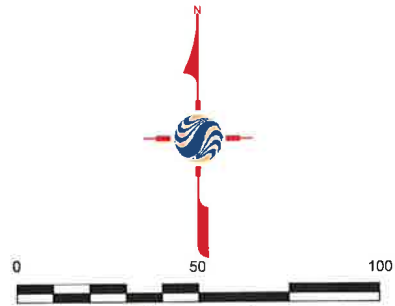


Image courtesy of the U.S. Geological Survey and Microsoft TerraService OpenGIS Map Server APPROXIMATE SCALE IN FEET

 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 PLAN		FIGURE: <div style="font-size: 2em; font-weight: bold; text-align: center;">2</div>
	JOB NUMBER: 185702540.200.0001	DRAWN BY: RRR	CHECKED BY: GH	APPROVED BY: GH	DATE: 05/25/12



Construction Notice – August 2012
PG&E San Lorenzo Pipeline Property
997 Grant Avenue
San Lorenzo, California

Introduction

Between August 17th and 24th, PG&E will be conducting a short project to remove soils impacted with gasoline and diesel fuels at its San Lorenzo Pipeline Property located in the northeast corner of Washington Avenue and Grant Avenue in San Lorenzo. Work is anticipated to last two to three days and there will be some noise and vibrations associated with typical heavy construction projects. The County of Alameda is providing oversight and approval of this work.

Work Planned

The cleanup is expected to last about two to three days and work will take place between the hours of 7:00 a.m. and 5:00 p.m., as follows:

- Beginning Friday, August 17, PG&E will perform excavation work in two small areas of the property to a depth of 5 feet in one area to remove soil containing diesel fuel residues and to 12.5 feet in the other area to remove soil containing gasoline residues;
- Soils samples from the bottom and sides of the excavation areas will be collected and analyzed to document the soil removal efforts;
- Excavated soil will be stored on-site and covered and secured with plastic during the week of August 20th;
- Upon receipt of sample results, PG&E will return to the site on Friday, August 24th to remove the excavated soil, backfill and compact the excavated areas, and cleanup and restore the site.

The work will include the use of major construction equipment such as backhoes, loaders, compactors, and trucks to haul soil to and from the site. Neighbors located near the site may expect to experience limited noise and vibrations associated with typical construction work.

To ensure that the surrounding community is protected, all work will take place in accordance with a site-specific Health and Safety Plan and an environmental project manager will be on-site throughout the work. Dust and odor suppression activities will be conducted and airborne dust monitoring will be conducted during all excavation activities and throughout the daytime work schedule. The excavated area will be covered with plywood and secured with fencing until it is backfilled with clean soil. The site will remain fenced and locked.

For More Information

Thank you for your patience as we move forward with this project. For more information please contact Tracy Craig at 510.334.4866 or by email at tacm@pge.com.

Stantec

REPORT OF SOIL EXCAVATION ACTIVITIES
997 Grant Avenue, San Lorenzo, CA

APPENDIX B

Field Monitoring Forms

Report of Soil Excavation Activities
Pacific Gas and Electric Company
L105N Property
997 Grant Avenue
San Lorenzo, California
Stantec PN: 185702540.200.0003
September 26, 2012

AIR MONITORING LOG

Noise Logging

Instrument(s) Used: Make: Quest Electronics Model: M-27 Dosimeter

DATE	TIME	LOCATION/SOURCE (Personal/Area Sampling)	WORK ACTIVITY DURING SAMPLING (Be specific)	Measurement (Units)	WHAT DID YOU DO BECAUSE OF THE RESULT? (PPE Change/Activity Change/Nothing Needed)	SAMPLED BY
8/17/12	853	perimeter	stand-by- ^{background} level	51-81		ke
	1020	washington	SB-6 3ft bgs	70-72		ke
	1034	Grant	SB-6 upper 5'	71-88		↓
	1025	school fence	SB-6 " "	69-71		
	1054	@ excavation		70		
	1107	perimeter condos	excavating SB-6	60-75		
	1108	perimeter washington	@ SB-6, but not excavating	67-68		
	1109	" "	direct loading to ^{bob} cat	76-79		
	1112	peri along Grant	bobcat stockpiling	72-78		
	1114	@ exc. School	actively exc	65-65		
	1116	@ exc.	actively exc	95-99		
	1313	peri @ washington	on-ex SB-11, exc.	73.6-75		
	1315	peri @ Grant	excavating SB-11	70-86		
	1318	peri @ school	excavating SB-11	68-73		

* Submit copies of logs to Daniel Spencer within 24 hours, if a PEL is exceeded, or personal protective equipment level is upgraded.

↓ 1320 per @ condos " " 65

ke

AIR MONITORING LOG

Instrument(s) Used: Make: MIE

Model: PDR-1000

DATE	TIME	LOCATION/SOURCE (Personal/Area Sampling)	WORK ACTIVITY DURING SAMPLING (Be specific)	Measurement (Units) <i>mg/m³</i>	WHAT DID YOU DO BECAUSE OF THE RESULT? (PPE Change/Activity Change/Nothing Needed)	SAMPLED BY
8/17/12	855	Perimeter	stand-by; background level	.000		<i>JS</i>
	920	Washington	SB-6 ≈ 3' bg	.014-.039		↓
	922	Grant, near outhouse	SB-6 - upper 5'	.002		
	1025	fence near school	SB-6	.006		
	1054	@ excavation	moving clean SP	.081		
	1105	perimeter near housing	exc. SB-6 ~ 8'	.052		
	1109	peri near Washington	@ exc, but not actively exc.	.016-.034	direct loading soil to be beat	
		peri @ grant	direct loading to be beat	.07-.032		
	1113	peri - School	Dabcat loading SB	.035		
	1116	@ exc	actively excavating	.041		
	1313	peri @ Washington	SB-11 exc, active exc.	.011		
	1315	peri @ grant	" "	.024		
	1318	peri @ school	" "	.022		
	1320	peri @ condos	" "	.011		

* Submit copies of logs to Daniel Spencer within 24 hours, if a PEL is exceeded, or personal protective equipment level is upgraded.

AIR MONITORING LOG

Instrument(s) Used: Make: PID Model: Rae 3000

DATE	TIME	LOCATION/SOURCE (Personal/Area Sampling)	WORK ACTIVITY DURING SAMPLING (Be specific)	Measurement (Units) <i>ppm</i>	WHAT DID YOU DO BECAUSE OF THE RESULT? (PPE Change/Activity Change/Nothing Needed)	SAMPLED BY
8/17/16	857	Perimeter	background	0.0ppm	no action needed	ke
	921	Washington	SB-6 exc.	0.0		
	922	Grant	SB-6 exc upper	0.0		
	1026	School fence	SB-6 exc.	0.0		
	1047	@ SB-6 exc	SB-6 exc	0.0ppm		
	1110	Perimeter condos	SB-6, near 8/drop	0.0		
	1112	Washington peri	@ exc. but not detected	0.0		
	1115	Grant - peri	direct loading to bobcat	0.0		
	1115	School - peri	bobcat loading	0.0		
	1116	@ exc	see field notes @ SB-6	.3-2.8ppm		
	1313	Washington	SB-11 exc.	0.0		
	1316	Grant	↓	0.0		
	1320	School	↓	0.0ppm		
	1320	housing/condos	@ exc SB-11	0.0-0.3ppm 0.0ppm		

* Submit copies of logs to Daniel Spencer within 24 hours, if a PEL is exceeded, or personal protective equipment level is upgraded.

peri = perimeter

AIR MONITORING LOG

Instrument(s) Used: Make: Noise Dosimeter Model: Quest model m-27

DATE	TIME	LOCATION/SOURCE (Personal/Area Sampling)	WORK ACTIVITY DURING SAMPLING (Be specific)	Measurement (Units)	WHAT DID YOU DO BECAUSE OF THE RESULT? (PPE Change/Activity Change/Nothing Needed)	SAMPLED BY
8/24/12	930	②	backfilling / compacting SB-11	75-81	Nothing, no change warranted	
	932	③		63-75		
	935	④		67-77		
	937	①		63-64		
	941		@ SB-11 during compact	84-90		
	1038	②	loading truck	69-80		
	946	①	↓	66-75		
	1043	③	↓	67-72		
	948	④	↓	72-84		
	1140	④	Backfilling / compacting SB-6	73-78		
	1142	①	↓	63-73		
	1147	②	↓	75-92		
	1150	②	wind toward schools	70-72		

* Submit copies of logs to Daniel Spencer within 24 hours, if a PEL is exceeded, or personal protective equipment level is upgraded.

- ① Washington Ave
- ② Grant Ave
- ③ school
- ④ condos

Project No. 185702540

AIR MONITORING LOG

Instrument(s) Used: Make: PDR-1000 Model: mini Rae

DATE	TIME	LOCATION/SOURCE (Personal/Area Sampling)	WORK ACTIVITY DURING SAMPLING (Be specific)	Measurement (Units)	WHAT DID YOU DO BECAUSE OF THE RESULT? (PPE Change/Activity Change/Nothing Needed)	SAMPLED BY
8/24/20	9:30	②	② back filling SB-11	.060-.081	No change warranted	ke
	9:32	③	↓	.039-.035		
	9:35	④	↓	.027-.025		
	9:37	①	↓	.033-.036		
	9:41		@ SB-11 during compact	.046		
	9:43	②⑤	loading truck, wind to Washington	.047		
	9:44	①	↓	.040		
	9:46	④	↓	.038		
	9:50	③	↓			
	11:40	④	Back filling SB-6	.055		
	11:43	①	↓	.055		
	11:46	②	↓	.073		
	11:50	③	wind toward schools	.084		

* Submit copies of logs to Daniel Spencer within 24 hours, if a PEL is exceeded, or personal protective equipment level is upgraded.

- ① along Washington Ave
- ② along Grant Ave
- ③ school
- ④ near condos

Stantec

REPORT OF SOIL EXCAVATION ACTIVITIES
997 Grant Avenue, San Lorenzo, CA

APPENDIX C
Analytical Laboratory Reports

Report of Soil Excavation Activities

Pacific Gas and Electric Company

L105N Property

997 Grant Avenue

San Lorenzo, California

Stantec PN: 185702540.200.0003

September 26, 2012



Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878





Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 238700
ANALYTICAL REPORT

Engineering/Remediation Resource Grp 4585 Pacheco Blvd. Martinez, CA 94553	Project : 2012-099 Location : 997 Grant Avenue, San Lorenzo, CA Level : II
--	--

Sample ID
2012-099

Lab ID
238700-001

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____

Tracy Babjar
Project Manager
(510) 204-2226

Date: 08/16/2012

NELAP # 01107CA

CASE NARRATIVE

Laboratory number: 238700
Client: Engineering/Remediation Resource Grp
Project: 2012-099
Location: 997 Grant Avenue, San Lorenzo, CA
Request Date: 08/09/12
Samples Received: 08/09/12

This data package contains sample and QC results for one soil sample, requested for the above referenced project on 08/09/12. The sample was received intact.

Metals (EPA 6010B and EPA 7471A):

Low recoveries were observed for lead and thallium in the MS/MSD for batch 189317; the parent sample was not a project sample, the BS/BSD were within limits, and the associated RPDs were within limits. High recoveries were observed for cobalt and nickel in the MSD for batch 189317; the BS/BSD were within limits. High RPD was observed for cobalt in the MS/MSD for batch 189317; the RPD was acceptable in the BS/BSD. No other analytical problems were encountered.

pH (EPA 9045D):

No analytical problems were encountered.

Asbestos PLM (EPA 600/R-93-116):

Forensic Analytical in Hayward, CA performed the analysis (not NELAP certified). Please see the Forensic Analytical case narrative.



Engineering / Remediation Resources Group, Inc.
 4585 Pacheco Blvd, Suite 200
 Martinez, CA 94553
 Phone: (925) 969-0750
 Fax: (925) 969-0751

238700

Lab No. _____
 Address _____

Project Contact (Hardcopy or PDF To): Erik Brown
California EDF Report? Yes No
Navy EDD Report? Yes No
Laboratory: Curtis & Tompkins
 2323 Fifth Street, Berkeley, CA 94710
Electronic Deliverables To (Email Address): erik.brown@errg.com
Phone No.: 510-486-0900 **Fax No.:** 510-486-0532
Project Number: 2012-099 **Phase # / Task #:** 01.01
Project Name: Stantec San Lorenzo
Project Address: 997 Grant Avenue, San Lorenzo, CA

Chain-of-Custody Record and Analysis Request

Analysis Request

Sample Designation	Sampling		Container				Matrix		TPH - purgeables 8015	TPH - extractables 8015	VOCs 8260	SVOCs 8270	Metals 6010/7471 T22	pH	Asbestos by PLM	STD (1 wk) TAT	Number of Containers	Comments	For Lab Use Only
	Date	Time					Soil	Water											
2012-099	8/9/12	1040	6										X	X	X	X			

Relinquished by: *EB* **Date:** 8/9/12 **Time:** 1125 **Received by:** *Pat Houghly*

Relinquished by: _____ **Date:** _____ **Time:** _____ **Received by:** _____

Relinquished by: _____ **Date:** _____ **Time:** _____ **Received by Laboratory:** _____

Remarks:
 Run pH, asbestos, metals
 HOLD remaining samples for additional analyses

Bill to: Engineering / Remediation Resources Group, Inc.
 4585 Pacheco Blvd, Suite 200
 Martinez, CA 94553

COOLER RECEIPT CHECKLIST



Curtis & Tompkins, Ltd.

Login # 238700 Date Received 8/9/12 Number of coolers 0
Client ERG Project 2012-099

Date Opened 8/9/12 By (print) [Signature] (sign) [Signature]
Date Logged in [Signature] By (print) [Signature] (sign) [Signature]

1. Did cooler come with a shipping slip (airbill, etc) YES NO
Shipping info

2A. Were custody seals present? ... YES (circle) on cooler on samples NO
How many Name Date

2B. Were custody seals intact upon arrival? YES NO N/A

3. Were custody papers dry and intact when received? YES NO

4. Were custody papers filled out properly (ink, signed, etc)? YES NO

5. Is the project identifiable from custody papers? (If so fill out top of form) YES NO

6. Indicate the packing in cooler: (if other, describe)

- Bubble Wrap, Foam blocks, Bags, None, Cloth material, Cardboard, Styrofoam, Paper towels

7. Temperature documentation: * Notify PM if temperature exceeds 6°C

Type of ice used: Wet, Blue/Gel, None, Temp(°C)

Samples Received on ice & cold without a temperature blank; temp. taken with IR gun

Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? YES NO
If YES, what time were they transferred to freezer?

9. Did all bottles arrive unbroken/unopened? YES NO

10. Are there any missing / extra samples? YES NO

11. Are samples in the appropriate containers for indicated tests? YES NO

12. Are sample labels present, in good condition and complete? YES NO

13. Do the sample labels agree with custody papers? YES NO

14. Was sufficient amount of sample sent for tests requested? YES NO

15. Are the samples appropriately preserved? YES NO N/A

16. Did you check preservatives for all bottles for each sample? YES NO N/A

17. Did you document your preservative check? YES NO N/A

18. Did you change the hold time in LIMS for unpreserved VOAs? YES NO N/A

19. Did you change the hold time in LIMS for preserved terracores? YES NO N/A

20. Are bubbles > 6mm absent in VOA samples? YES NO N/A

21. Was the client contacted concerning this sample delivery? YES NO

If YES, Who was called? By Date:

COMMENTS

Blank lines for handwritten comments.

California Title 22 Metals

Lab #: 238700	Project#: 2012-099
Client: Engineering/Remediation Resource Grp	Location: 997 Grant Avenue, San Lorenzo, CA
Field ID: 2012-099	Diln Fac: 1.000
Lab ID: 238700-001	Sampled: 08/09/12
Matrix: Soil	Received: 08/09/12
Units: mg/Kg	Analyzed: 08/14/12
Basis: as received	

Analyte	Result	RL	Batch#	Prepared	Prep	Analysis
Antimony	1.5	0.49	189317	08/09/12	EPA 3050B	EPA 6010B
Arsenic	4.2	0.24	189317	08/09/12	EPA 3050B	EPA 6010B
Barium	12	0.24	189317	08/09/12	EPA 3050B	EPA 6010B
Beryllium	0.15	0.097	189317	08/09/12	EPA 3050B	EPA 6010B
Cadmium	ND	0.24	189317	08/09/12	EPA 3050B	EPA 6010B
Chromium	7.0	0.24	189317	08/09/12	EPA 3050B	EPA 6010B
Cobalt	13	0.24	189317	08/09/12	EPA 3050B	EPA 6010B
Copper	31	0.25	189317	08/09/12	EPA 3050B	EPA 6010B
Lead	ND	0.24	189317	08/09/12	EPA 3050B	EPA 6010B
Mercury	0.58	0.017	189437	08/14/12	METHOD	EPA 7471A
Molybdenum	ND	0.24	189317	08/09/12	EPA 3050B	EPA 6010B
Nickel	10	0.24	189317	08/09/12	EPA 3050B	EPA 6010B
Selenium	ND	0.49	189317	08/09/12	EPA 3050B	EPA 6010B
Silver	ND	0.24	189317	08/09/12	EPA 3050B	EPA 6010B
Thallium	ND	0.49	189317	08/09/12	EPA 3050B	EPA 6010B
Vanadium	100	0.24	189317	08/09/12	EPA 3050B	EPA 6010B
Zinc	47	0.97	189317	08/09/12	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

California Title 22 Metals		
Lab #:	238700	Location: 997 Grant Avenue, San Lorenzo, CA
Client:	Engineering/Remediation Resource Grp	Prep: EPA 3050B
Project#:	2012-099	Analysis: EPA 6010B
Type:	BLANK	Diln Fac: 1.000
Lab ID:	QC651176	Batch#: 189317
Matrix:	Soil	Prepared: 08/09/12
Units:	mg/Kg	Analyzed: 08/10/12

Analyte	Result	RL
Antimony	ND	0.50
Arsenic	ND	0.25
Barium	ND	0.25
Beryllium	ND	0.10
Cadmium	ND	0.25
Chromium	ND	0.25
Cobalt	ND	0.25
Copper	ND	0.26
Lead	ND	0.25
Molybdenum	ND	0.25
Nickel	ND	0.25
Selenium	ND	0.50
Silver	ND	0.25
Thallium	ND	0.50
Vanadium	ND	0.25
Zinc	ND	1.0

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

California Title 22 Metals			
Lab #:	238700	Location:	997 Grant Avenue, San Lorenzo, CA
Client:	Engineering/Remediation Resource Grp	Prep:	EPA 3050B
Project#:	2012-099	Analysis:	EPA 6010B
Matrix:	Soil	Batch#:	189317
Units:	mg/Kg	Prepared:	08/09/12
Diln Fac:	1.000	Analyzed:	08/10/12

Type: BS Lab ID: QC651177

Analyte	Spiked	Result	%REC	Limits
Antimony	100.0	95.71	96	80-120
Arsenic	50.00	48.26	97	80-121
Barium	100.0	96.61	97	80-120
Beryllium	2.500	2.563	103	80-120
Cadmium	10.00	9.913	99	80-120
Chromium	100.0	96.28	96	80-120
Cobalt	25.00	23.92	96	80-120
Copper	12.50	11.95	96	80-120
Lead	100.0	93.60	94	80-120
Molybdenum	20.00	19.70	98	80-120
Nickel	25.00	23.87	95	80-120
Selenium	50.00	46.89	94	80-120
Silver	10.00	9.479	95	80-120
Thallium	50.00	47.87	96	80-120
Vanadium	25.00	24.73	99	80-120
Zinc	25.00	23.89	96	80-120

Type: BSD Lab ID: QC651178

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	100.0	96.48	96	80-120	1	20
Arsenic	50.00	48.51	97	80-121	1	20
Barium	100.0	96.51	97	80-120	0	20
Beryllium	2.500	2.543	102	80-120	1	20
Cadmium	10.00	9.907	99	80-120	0	20
Chromium	100.0	95.73	96	80-120	1	20
Cobalt	25.00	23.88	96	80-120	0	20
Copper	12.50	12.01	96	80-120	1	20
Lead	100.0	93.67	94	80-120	0	23
Molybdenum	20.00	19.84	99	80-120	1	20
Nickel	25.00	23.83	95	80-120	0	20
Selenium	50.00	47.25	94	80-120	1	20
Silver	10.00	9.402	94	80-120	1	20
Thallium	50.00	47.91	96	80-120	0	20
Vanadium	25.00	24.64	99	80-120	0	20
Zinc	25.00	23.87	95	80-120	0	20

RPD= Relative Percent Difference

Batch QC Report

California Title 22 Metals			
Lab #:	238700	Location:	997 Grant Avenue, San Lorenzo, CA
Client:	Engineering/Remediation Resource Grp	Prep:	EPA 3050B
Project#:	2012-099	Analysis:	EPA 6010B
Field ID:	ZZZZZZZZZZ	Batch#:	189317
MSS Lab ID:	238683-001	Sampled:	08/09/12
Matrix:	Soil	Received:	08/09/12
Units:	mg/Kg	Prepared:	08/09/12
Basis:	as received	Analyzed:	08/10/12
Diln Fac:	1.000		

Type: MS Lab ID: QC651179

Analyte	MSS Result	Spiked	Result	%REC	Limits
Antimony	<0.1528	90.91	32.40	36	12-120
Arsenic	10.03	45.45	46.74	81	73-121
Barium	52.91	90.91	123.3	77	51-135
Beryllium	0.4984	2.273	2.504	88	79-120
Cadmium	0.3492	9.091	7.981	84	74-120
Chromium	57.02	90.91	134.7	85	62-124
Cobalt	17.35	22.73	32.23	66	62-120
Copper	49.22	11.36	59.63	92 NM	48-150
Lead	60.85	90.91	93.98	36 *	58-124
Molybdenum	0.3645	18.18	14.68	79	69-120
Nickel	58.15	22.73	77.56	85	49-135
Selenium	<0.1406	45.45	32.08	71	68-120
Silver	0.7359	9.091	8.598	86	76-120
Thallium	<0.1568	45.45	33.32	73	68-120
Vanadium	59.08	22.73	80.07	92	54-137
Zinc	93.57	22.73	110.4	74 NM	43-147

Type: MSD Lab ID: QC651180

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	92.59	33.58	36	12-120	2	36
Arsenic	46.30	51.00	88	73-121	7	40
Barium	92.59	135.0	89	51-135	8	40
Beryllium	2.315	2.563	89	79-120	1	21
Cadmium	9.259	8.442	87	74-120	4	20
Chromium	92.59	135.4	85	62-124	1	34
Cobalt	23.15	50.57	144 *	62-120	43 *	35
Copper	11.57	63.94	127 NM	48-150	7	39
Lead	92.59	94.58	36 *	58-124	0	44
Molybdenum	18.52	15.47	82	69-120	3	25
Nickel	23.15	99.67	179 *	49-135	24	37
Selenium	46.30	32.85	71	68-120	1	29
Silver	9.259	8.918	88	76-120	2	29
Thallium	46.30	31.02	67 *	68-120	9	21
Vanadium	23.15	81.43	97	54-137	1	31
Zinc	23.15	126.1	141 NM	43-147	13	41

*= Value outside of QC limits; see narrative

NM= Not Meaningful: Sample concentration > 4X spike concentration

RPD= Relative Percent Difference

Batch QC Report

California Title 22 Metals			
Lab #:	238700	Location:	997 Grant Avenue, San Lorenzo, CA
Client:	Engineering/Remediation Resource Grp	Prep:	METHOD
Project#:	2012-099	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Type:	BLANK	Batch#:	189437
Lab ID:	QC651675	Prepared:	08/14/12
Matrix:	Soil	Analyzed:	08/14/12
Units:	mg/Kg		

Result	RL
ND	0.017

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

California Title 22 Metals			
Lab #:	238700	Location:	997 Grant Avenue, San Lorenzo, CA
Client:	Engineering/Remediation Resource Grp	Prep:	METHOD
Project#:	2012-099	Analysis:	EPA 7471A
Analyte:	Mercury	Batch#:	189437
Matrix:	Soil	Prepared:	08/14/12
Units:	mg/Kg	Analyzed:	08/14/12
Diln Fac:	1.000		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC651676	0.2083	0.2408	116	80-120		
BSD	QC651677	0.2083	0.2401	115	80-120	0	20

RPD= Relative Percent Difference

Batch QC Report

California Title 22 Metals			
Lab #:	238700	Location:	997 Grant Avenue, San Lorenzo, CA
Client:	Engineering/Remediation Resource Grp	Prep:	METHOD
Project#:	2012-099	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Field ID:	ZZZZZZZZZZ	Batch#:	189437
MSS Lab ID:	238743-001	Sampled:	08/10/12
Matrix:	Soil	Received:	08/10/12
Units:	mg/Kg	Prepared:	08/14/12
Basis:	as received	Analyzed:	08/14/12

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC651678	0.04749	0.2049	0.2888	118	76-138		
MSD	QC651679		0.2083	0.2952	119	76-138	1	42

RPD= Relative Percent Difference

pH			
Lab #:	238700	Location:	997 Grant Avenue, San Lorenzo, CA
Client:	Engineering/Remediation Resource Grp	Prep:	METHOD
Project#:	2012-099	Analysis:	EPA 9045D
Analyte:	pH	Batch#:	189389
Field ID:	2012-099	Sampled:	08/09/12 10:40
Lab ID:	238700-001	Received:	08/09/12
Matrix:	Soil	Prepared:	08/13/12 11:30
Units:	SU	Analyzed:	08/13/12 13:20
Diln Fac:	1.000		

Result	RL
7.9	1.0

RL= Reporting Limit

Batch QC Report

pH	
Lab #: 238700	Location: 997 Grant Avenue, San Lorenzo, CA
Client: Engineering/Remediation Resource Grp	Prep: METHOD
Project#: 2012-099	Analysis: EPA 9045D
Analyte: pH	Diln Fac: 1.000
Field ID: ZZZZZZZZZZ	Batch#: 189389
Type: SDUP	Sampled: 08/06/12 11:35
MSS Lab ID: 238616-024	Received: 08/07/12
Lab ID: QC651482	Prepared: 08/13/12 11:30
Matrix: Soil	Analyzed: 08/13/12 13:20
Units: SU	

MSS Result	Result	RL	RPD	Lim
6.590	6.580	1.000	0	20

RL= Reporting Limit

RPD= Relative Percent Difference



Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Curtis & Tompkins Ltd
Project Manager
2323 Fifth St.

Berkeley, CA 94710

Client ID: 1137
Report Number: B167046
Date Received: 08/10/12
Date Analyzed: 08/15/12
Date Printed: 08/15/12
First Reported: 08/15/12

Job ID/Site: 238700 - 997 Grant Avenue, San Lorenzo, CA

FALI Job ID: 1137

Date(s) Collected:

Total Samples Submitted: 1

Total Samples Analyzed: 1

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
2012-099	11288051						
Layer: Green Soil			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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Laboratory Job Number 238700

Subcontracted Products

Forensic Analytical



Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Curtis & Tompkins Ltd
Project Manager
2323 Fifth St.

Berkeley, CA 94710

Client ID: 1137
Report Number: B167046
Date Received: 08/10/12
Date Analyzed: 08/15/12
Date Printed: 08/15/12
First Reported: 08/15/12

Job ID/Site: 238700 - 997 Grant Avenue, San Lorenzo, CA

FALI Job ID: 1137

Date(s) Collected:

Total Samples Submitted: 1

Total Samples Analyzed: 1

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
2012-099	11288051						
Layer: Green Soil			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					

Tad Thrower, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-44026-1
Client Project/Site: PGE San Lorenzo

For:
Stantec Consulting Corp.
57 Lafayette Circle
2nd Floor
Lafayette, California 94549-4321

Attn: Mr. Greg Hoehn



Authorized for release by:
8/20/2012 12:38:30 PM

Afsaneh Salimpour
Project Manager I
afsaneh.salimpour@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits
*	RPD of the LCS and LCSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Job ID: 720-44026-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-44026-1

Comments

No additional comments.

Receipt

The samples were received on 8/17/2012 2:55 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 11.8° C.

Except:

Samples starting with the ID SB11 and ends with 3.5' on the sample container ends with 3'. No 3.5'.

GC/MS VOA

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) percent recoveries and %RPD for batch #119325 were outside control limits. This is attributed to matrix interferences.

Method(s) 8260B: The Gasoline Range Organics (GRO) concentration reported for the following sample 44026-1 and 3 is due to non-target compounds

Method(s) 8260B: Internal standard responses were outside of acceptance limits for the following sample 44026-6 and 9. The sample(s) shows evidence of matrix interference and confirmed by reanalysis.

Method(s) 8260B: Internal standard responses were outside of acceptance limits for the following sample 43983-20ms and msd. The sample(s) shows evidence of matrix interference.

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) percent recoveries and %RPD for batch #119354 were outside control limits. This is attributed to matrix interferences.

Method(s) 8260B: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch #119354 exceeded control limits for the following analytes: Acetone, MIBK, 2-Hexanone and MEK.

No other analytical or quality issues were noted.

GC VOA

No analytical or quality issues were noted.

GC Semi VOA

No analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Client Sample ID: SB6-EXC-W-10'

Lab Sample ID: 720-44026-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
tert-Butylbenzene	8.3		5.0		ug/Kg	1		8260B	Total/NA
Gasoline Range Organics (GRO) -C5-C12	320		250		ug/Kg	1		8260B	Total/NA

Client Sample ID: SB6-EXC-N-10'

Lab Sample ID: 720-44026-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
tert-Butylbenzene	4.9		4.7		ug/Kg	1		8260B	Total/NA

Client Sample ID: SB6-EXC-S-10'

Lab Sample ID: 720-44026-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
tert-Butylbenzene	6.2		5.0		ug/Kg	1		8260B	Total/NA
Gasoline Range Organics (GRO) -C5-C12	430		250		ug/Kg	1		8260B	Total/NA

Client Sample ID: SB6-EXC-E-10'

Lab Sample ID: 720-44026-4

No Detections

Client Sample ID: SB11-EXC-B-5'

Lab Sample ID: 720-44026-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	1.5		0.99		mg/Kg	1		8015B	Silica Gel Cleanup

Client Sample ID: SB11-EXC-W-3.5'

Lab Sample ID: 720-44026-6

No Detections

Client Sample ID: SB11-EXC-N-3.5'

Lab Sample ID: 720-44026-7

No Detections

Client Sample ID: SB11-EXC-E-3.5'

Lab Sample ID: 720-44026-8

No Detections

Client Sample ID: SB11-EXC-S-3.5'

Lab Sample ID: 720-44026-9

No Detections

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB6-EXC-W-10'

Date Collected: 08/17/12 11:30

Date Received: 08/17/12 14:55

Lab Sample ID: 720-44026-1

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
Acetone	ND		50		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
Benzene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
Dichlorobromomethane	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
Bromobenzene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
Chlorobromomethane	ND		20		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
Bromoform	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
Bromomethane	ND		10		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
2-Butanone (MEK)	ND		50		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
n-Butylbenzene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
sec-Butylbenzene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
tert-Butylbenzene	8.3		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
Carbon disulfide	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
Carbon tetrachloride	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
Chlorobenzene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
Chloroethane	ND		10		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
Chloroform	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
Chloromethane	ND		10		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
2-Chlorotoluene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
4-Chlorotoluene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
Chlorodibromomethane	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
1,3-Dichloropropane	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
1,1-Dichloropropene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
Ethylene Dibromide	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
Dibromomethane	ND		10		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
Dichlorodifluoromethane	ND		10		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
1,1-Dichloroethane	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
1,2-Dichloroethane	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
1,1-Dichloroethene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
1,2-Dichloropropane	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
Ethylbenzene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
Hexachlorobutadiene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
2-Hexanone	ND		50		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
Isopropylbenzene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
4-Isopropyltoluene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
Methylene Chloride	ND		10		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
Naphthalene	ND		10		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
N-Propylbenzene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
Styrene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
Tetrachloroethene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB6-EXC-W-10'

Date Collected: 08/17/12 11:30

Date Received: 08/17/12 14:55

Lab Sample ID: 720-44026-1

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
Trichloroethene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
Trichlorofluoromethane	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
Vinyl acetate	ND		50		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
Vinyl chloride	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
Xylenes, Total	ND		10		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
2,2-Dichloropropane	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
Gasoline Range Organics (GRO)	320		250		ug/Kg		08/17/12 20:43	08/17/12 22:41	1
-C5-C12									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		45 - 131				08/17/12 20:43	08/17/12 22:41	1
1,2-Dichloroethane-d4 (Surr)	99		60 - 140				08/17/12 20:43	08/17/12 22:41	1
Toluene-d8 (Surr)	108		58 - 140				08/17/12 20:43	08/17/12 22:41	1

Client Sample ID: SB6-EXC-N-10'

Date Collected: 08/17/12 11:40

Date Received: 08/17/12 14:55

Lab Sample ID: 720-44026-2

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
Acetone	ND		47		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
Benzene	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
Dichlorobromomethane	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
Bromobenzene	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
Chlorobromomethane	ND		19		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
Bromoform	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
Bromomethane	ND		9.4		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
2-Butanone (MEK)	ND		47		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
n-Butylbenzene	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
sec-Butylbenzene	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
tert-Butylbenzene	4.9		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
Carbon disulfide	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
Carbon tetrachloride	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
Chlorobenzene	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
Chloroethane	ND		9.4		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
Chloroform	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
Chloromethane	ND		9.4		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
2-Chlorotoluene	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
4-Chlorotoluene	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
Chlorodibromomethane	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
1,2-Dichlorobenzene	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
1,3-Dichlorobenzene	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
1,4-Dichlorobenzene	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
1,3-Dichloropropane	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB6-EXC-N-10'

Date Collected: 08/17/12 11:40

Date Received: 08/17/12 14:55

Lab Sample ID: 720-44026-2

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
1,2-Dibromo-3-Chloropropane	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
Ethylene Dibromide	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
Dibromomethane	ND		9.4		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
Dichlorodifluoromethane	ND		9.4		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
1,1-Dichloroethane	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
1,2-Dichloroethane	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
1,1-Dichloroethene	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
cis-1,2-Dichloroethene	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
trans-1,2-Dichloroethene	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
1,2-Dichloropropane	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
cis-1,3-Dichloropropene	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
trans-1,3-Dichloropropene	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
Ethylbenzene	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
Hexachlorobutadiene	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
2-Hexanone	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
Isopropylbenzene	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
4-Isopropyltoluene	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
Methylene Chloride	ND		9.4		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
4-Methyl-2-pentanone (MIBK)	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
Naphthalene	ND		9.4		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
N-Propylbenzene	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
Styrene	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
1,1,1,2-Tetrachloroethane	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
1,1,2,2-Tetrachloroethane	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
Tetrachloroethene	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
Toluene	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
1,2,3-Trichlorobenzene	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
1,2,4-Trichlorobenzene	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
1,1,1-Trichloroethane	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
1,1,2-Trichloroethane	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
Trichloroethene	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
Trichlorofluoromethane	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
1,2,3-Trichloropropane	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
1,2,4-Trimethylbenzene	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
1,3,5-Trimethylbenzene	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
Vinyl acetate	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
Vinyl chloride	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
Xylenes, Total	ND		9.4		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
2,2-Dichloropropane	ND		4.7		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
Gasoline Range Organics (GRO) -C5-C12	ND		230		ug/Kg		08/17/12 20:43	08/17/12 23:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		45 - 131				08/17/12 20:43	08/17/12 23:10	1
1,2-Dichloroethane-d4 (Surr)	100		60 - 140				08/17/12 20:43	08/17/12 23:10	1
Toluene-d8 (Surr)	106		58 - 140				08/17/12 20:43	08/17/12 23:10	1

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB6-EXC-S-10'

Date Collected: 08/17/12 11:50

Date Received: 08/17/12 14:55

Lab Sample ID: 720-44026-3

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
Acetone	ND		50		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
Benzene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
Dichlorobromomethane	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
Bromobenzene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
Chlorobromomethane	ND		20		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
Bromoform	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
Bromomethane	ND		10		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
2-Butanone (MEK)	ND		50		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
n-Butylbenzene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
sec-Butylbenzene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
tert-Butylbenzene	6.2		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
Carbon disulfide	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
Carbon tetrachloride	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
Chlorobenzene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
Chloroethane	ND		10		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
Chloroform	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
Chloromethane	ND		10		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
2-Chlorotoluene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
4-Chlorotoluene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
Chlorodibromomethane	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
1,3-Dichloropropane	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
1,1-Dichloropropene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
Ethylene Dibromide	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
Dibromomethane	ND		10		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
Dichlorodifluoromethane	ND		10		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
1,1-Dichloroethane	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
1,2-Dichloroethane	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
1,1-Dichloroethene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
1,2-Dichloropropane	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
Ethylbenzene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
Hexachlorobutadiene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
2-Hexanone	ND		50		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
Isopropylbenzene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
4-Isopropyltoluene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
Methylene Chloride	ND		10		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
Naphthalene	ND		10		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
N-Propylbenzene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
Styrene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
Tetrachloroethene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB6-EXC-S-10'

Date Collected: 08/17/12 11:50

Date Received: 08/17/12 14:55

Lab Sample ID: 720-44026-3

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
Trichloroethene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
Trichlorofluoromethane	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
Vinyl acetate	ND		50		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
Vinyl chloride	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
Xylenes, Total	ND		10		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
2,2-Dichloropropane	ND		5.0		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
Gasoline Range Organics (GRO)	430		250		ug/Kg		08/17/12 20:43	08/17/12 23:39	1
-C5-C12									

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		45 - 131	08/17/12 20:43	08/17/12 23:39	1
1,2-Dichloroethane-d4 (Surr)	103		60 - 140	08/17/12 20:43	08/17/12 23:39	1
Toluene-d8 (Surr)	109		58 - 140	08/17/12 20:43	08/17/12 23:39	1

Client Sample ID: SB6-EXC-E-10'

Date Collected: 08/17/12 12:00

Date Received: 08/17/12 14:55

Lab Sample ID: 720-44026-4

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
Acetone	ND		49		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
Benzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
Dichlorobromomethane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
Bromobenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
Chlorobromomethane	ND		19		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
Bromoform	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
Bromomethane	ND		9.7		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
2-Butanone (MEK)	ND		49		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
n-Butylbenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
sec-Butylbenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
tert-Butylbenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
Carbon disulfide	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
Carbon tetrachloride	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
Chlorobenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
Chloroethane	ND		9.7		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
Chloroform	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
Chloromethane	ND		9.7		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
2-Chlorotoluene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
4-Chlorotoluene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
Chlorodibromomethane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
1,3-Dichloropropane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB6-EXC-E-10'

Date Collected: 08/17/12 12:00

Date Received: 08/17/12 14:55

Lab Sample ID: 720-44026-4

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
1,2-Dibromo-3-Chloropropane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
Ethylene Dibromide	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
Dibromomethane	ND		9.7		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
Dichlorodifluoromethane	ND		9.7		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
1,1-Dichloroethane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
1,2-Dichloroethane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
1,1-Dichloroethene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
cis-1,2-Dichloroethene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
1,2-Dichloropropane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
Ethylbenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
Hexachlorobutadiene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
2-Hexanone	ND		49		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
Isopropylbenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
4-Isopropyltoluene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
Methylene Chloride	ND		9.7		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
Naphthalene	ND		9.7		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
N-Propylbenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
Styrene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
Tetrachloroethene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
Toluene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
Trichloroethene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
Trichlorofluoromethane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
Vinyl acetate	ND		49		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
Vinyl chloride	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
Xylenes, Total	ND		9.7		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
2,2-Dichloropropane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
Gasoline Range Organics (GRO) -C5-C12	ND		240		ug/Kg		08/17/12 20:43	08/18/12 00:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		45 - 131				08/17/12 20:43	08/18/12 00:08	1
1,2-Dichloroethane-d4 (Surr)	106		60 - 140				08/17/12 20:43	08/18/12 00:08	1
Toluene-d8 (Surr)	106		58 - 140				08/17/12 20:43	08/18/12 00:08	1

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB11-EXC-B-5'

Date Collected: 08/17/12 13:30

Date Received: 08/17/12 14:55

Lab Sample ID: 720-44026-5

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
Acetone	ND		48		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
Benzene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
Dichlorobromomethane	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
Bromobenzene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
Chlorobromomethane	ND		19		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
Bromoform	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
Bromomethane	ND		9.7		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
2-Butanone (MEK)	ND		48		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
n-Butylbenzene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
sec-Butylbenzene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
tert-Butylbenzene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
Carbon disulfide	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
Carbon tetrachloride	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
Chlorobenzene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
Chloroethane	ND		9.7		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
Chloroform	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
Chloromethane	ND		9.7		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
2-Chlorotoluene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
4-Chlorotoluene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
Chlorodibromomethane	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
1,2-Dichlorobenzene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
1,3-Dichlorobenzene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
1,4-Dichlorobenzene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
1,3-Dichloropropane	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
1,1-Dichloropropene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
1,2-Dibromo-3-Chloropropane	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
Ethylene Dibromide	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
Dibromomethane	ND		9.7		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
Dichlorodifluoromethane	ND		9.7		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
1,1-Dichloroethane	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
1,2-Dichloroethane	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
1,1-Dichloroethene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
cis-1,2-Dichloroethene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
trans-1,2-Dichloroethene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
1,2-Dichloropropane	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
cis-1,3-Dichloropropene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
trans-1,3-Dichloropropene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
Ethylbenzene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
Hexachlorobutadiene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
2-Hexanone	ND		48		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
Isopropylbenzene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
4-Isopropyltoluene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
Methylene Chloride	ND		9.7		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
4-Methyl-2-pentanone (MIBK)	ND		48		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
Naphthalene	ND		9.7		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
N-Propylbenzene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
Styrene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
1,1,1,2-Tetrachloroethane	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
1,1,1,2,2-Tetrachloroethane	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
Tetrachloroethene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB11-EXC-B-5'

Date Collected: 08/17/12 13:30

Date Received: 08/17/12 14:55

Lab Sample ID: 720-44026-5

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
1,2,3-Trichlorobenzene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
1,2,4-Trichlorobenzene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
1,1,1-Trichloroethane	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
1,1,2-Trichloroethane	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
Trichloroethene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
Trichlorofluoromethane	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
1,2,3-Trichloropropane	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
1,2,4-Trimethylbenzene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
1,3,5-Trimethylbenzene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
Vinyl acetate	ND		48		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
Vinyl chloride	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
Xylenes, Total	ND		9.7		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
2,2-Dichloropropane	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
Gasoline Range Organics (GRO) -C5-C12	ND		240		ug/Kg		08/17/12 20:43	08/18/12 00:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	79		45 - 131				08/17/12 20:43	08/18/12 00:37	1
1,2-Dichloroethane-d4 (Surr)	107		60 - 140				08/17/12 20:43	08/18/12 00:37	1
Toluene-d8 (Surr)	96		58 - 140				08/17/12 20:43	08/18/12 00:37	1

Client Sample ID: SB11-EXC-W-3.5'

Date Collected: 08/17/12 13:30

Date Received: 08/17/12 14:55

Lab Sample ID: 720-44026-6

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
Acetone	ND		49		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
Benzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
Dichlorobromomethane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
Bromobenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
Chlorobromomethane	ND		20		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
Bromoform	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
Bromomethane	ND		9.8		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
2-Butanone (MEK)	ND		49		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
n-Butylbenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
sec-Butylbenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
tert-Butylbenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
Carbon disulfide	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
Carbon tetrachloride	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
Chlorobenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
Chloroethane	ND		9.8		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
Chloroform	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
Chloromethane	ND		9.8		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
2-Chlorotoluene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
4-Chlorotoluene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
Chlorodibromomethane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
1,3-Dichloropropane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB11-EXC-W-3.5'

Date Collected: 08/17/12 13:30

Date Received: 08/17/12 14:55

Lab Sample ID: 720-44026-6

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
1,2-Dibromo-3-Chloropropane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
Ethylene Dibromide	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
Dibromomethane	ND		9.8		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
Dichlorodifluoromethane	ND		9.8		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
1,1-Dichloroethane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
1,2-Dichloroethane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
1,1-Dichloroethene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
cis-1,2-Dichloroethene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
1,2-Dichloropropane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
Ethylbenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
Hexachlorobutadiene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
2-Hexanone	ND		49		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
Isopropylbenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
4-Isopropyltoluene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
Methylene Chloride	ND		9.8		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
Naphthalene	ND		9.8		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
N-Propylbenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
Styrene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
Tetrachloroethene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
Toluene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
Trichloroethene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
Trichlorofluoromethane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
Vinyl acetate	ND		49		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
Vinyl chloride	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
Xylenes, Total	ND		9.8		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
2,2-Dichloropropane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg		08/17/12 20:43	08/18/12 01:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	69		45 - 131				08/17/12 20:43	08/18/12 01:06	1
1,2-Dichloroethane-d4 (Surr)	108		60 - 140				08/17/12 20:43	08/18/12 01:06	1
Toluene-d8 (Surr)	92		58 - 140				08/17/12 20:43	08/18/12 01:06	1

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB11-EXC-N-3.5'

Date Collected: 08/17/12 13:30

Date Received: 08/17/12 14:55

Lab Sample ID: 720-44026-7

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
Acetone	ND	*	46		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
Benzene	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
Dichlorobromomethane	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
Bromobenzene	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
Chlorobromomethane	ND		18		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
Bromoform	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
Bromomethane	ND		9.1		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
2-Butanone (MEK)	ND	*	46		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
n-Butylbenzene	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
sec-Butylbenzene	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
tert-Butylbenzene	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
Carbon disulfide	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
Carbon tetrachloride	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
Chlorobenzene	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
Chloroethane	ND		9.1		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
Chloroform	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
Chloromethane	ND		9.1		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
2-Chlorotoluene	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
4-Chlorotoluene	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
Chlorodibromomethane	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
1,2-Dichlorobenzene	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
1,3-Dichlorobenzene	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
1,4-Dichlorobenzene	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
1,3-Dichloropropane	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
1,1-Dichloropropene	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
1,2-Dibromo-3-Chloropropane	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
Ethylene Dibromide	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
Dibromomethane	ND		9.1		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
Dichlorodifluoromethane	ND		9.1		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
1,1-Dichloroethane	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
1,2-Dichloroethane	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
1,1-Dichloroethene	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
cis-1,2-Dichloroethene	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
trans-1,2-Dichloroethene	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
1,2-Dichloropropane	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
cis-1,3-Dichloropropene	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
trans-1,3-Dichloropropene	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
Ethylbenzene	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
Hexachlorobutadiene	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
2-Hexanone	ND	*	46		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
Isopropylbenzene	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
4-Isopropyltoluene	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
Methylene Chloride	ND		9.1		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
4-Methyl-2-pentanone (MIBK)	ND	*	46		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
Naphthalene	ND		9.1		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
N-Propylbenzene	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
Styrene	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
1,1,1,2-Tetrachloroethane	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
1,1,2,2-Tetrachloroethane	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
Tetrachloroethene	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB11-EXC-N-3.5'

Date Collected: 08/17/12 13:30

Date Received: 08/17/12 14:55

Lab Sample ID: 720-44026-7

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
1,2,3-Trichlorobenzene	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
1,2,4-Trichlorobenzene	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
1,1,1-Trichloroethane	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
1,1,2-Trichloroethane	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
Trichloroethene	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
Trichlorofluoromethane	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
1,2,3-Trichloropropane	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
1,2,4-Trimethylbenzene	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
1,3,5-Trimethylbenzene	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
Vinyl acetate	ND		46		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
Vinyl chloride	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
Xylenes, Total	ND		9.1		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
2,2-Dichloropropane	ND		4.6		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
Gasoline Range Organics (GRO) -C5-C12	ND		230		ug/Kg		08/18/12 08:09	08/18/12 15:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		45 - 131				08/18/12 08:09	08/18/12 15:29	1
1,2-Dichloroethane-d4 (Surr)	99		60 - 140				08/18/12 08:09	08/18/12 15:29	1
Toluene-d8 (Surr)	103		58 - 140				08/18/12 08:09	08/18/12 15:29	1

Client Sample ID: SB11-EXC-E-3.5'

Date Collected: 08/17/12 13:30

Date Received: 08/17/12 14:55

Lab Sample ID: 720-44026-8

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
Acetone	ND		49		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
Benzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
Dichlorobromomethane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
Bromobenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
Chlorobromomethane	ND		19		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
Bromoform	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
Bromomethane	ND		9.7		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
2-Butanone (MEK)	ND		49		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
n-Butylbenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
sec-Butylbenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
tert-Butylbenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
Carbon disulfide	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
Carbon tetrachloride	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
Chlorobenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
Chloroethane	ND		9.7		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
Chloroform	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
Chloromethane	ND		9.7		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
2-Chlorotoluene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
4-Chlorotoluene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
Chlorodibromomethane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
1,3-Dichloropropane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB11-EXC-E-3.5'

Date Collected: 08/17/12 13:30

Date Received: 08/17/12 14:55

Lab Sample ID: 720-44026-8

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
1,2-Dibromo-3-Chloropropane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
Ethylene Dibromide	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
Dibromomethane	ND		9.7		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
Dichlorodifluoromethane	ND		9.7		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
1,1-Dichloroethane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
1,2-Dichloroethane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
1,1-Dichloroethene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
cis-1,2-Dichloroethene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
1,2-Dichloropropane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
Ethylbenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
Hexachlorobutadiene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
2-Hexanone	ND		49		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
Isopropylbenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
4-Isopropyltoluene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
Methylene Chloride	ND		9.7		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
Naphthalene	ND		9.7		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
N-Propylbenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
Styrene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
Tetrachloroethene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
Toluene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
Trichloroethene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
Trichlorofluoromethane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
Vinyl acetate	ND		49		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
Vinyl chloride	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
Xylenes, Total	ND		9.7		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
2,2-Dichloropropane	ND		4.9		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
Gasoline Range Organics (GRO) -C5-C12	ND		240		ug/Kg		08/17/12 20:43	08/18/12 02:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	89		45 - 131				08/17/12 20:43	08/18/12 02:05	1
1,2-Dichloroethane-d4 (Surr)	107		60 - 140				08/17/12 20:43	08/18/12 02:05	1
Toluene-d8 (Surr)	96		58 - 140				08/17/12 20:43	08/18/12 02:05	1

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB11-EXC-S-3.5'

Date Collected: 08/17/12 13:30

Date Received: 08/17/12 14:55

Lab Sample ID: 720-44026-9

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
Acetone	ND		48		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
Benzene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
Dichlorobromomethane	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
Bromobenzene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
Chlorobromomethane	ND		19		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
Bromoform	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
Bromomethane	ND		9.5		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
2-Butanone (MEK)	ND		48		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
n-Butylbenzene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
sec-Butylbenzene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
tert-Butylbenzene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
Carbon disulfide	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
Carbon tetrachloride	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
Chlorobenzene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
Chloroethane	ND		9.5		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
Chloroform	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
Chloromethane	ND		9.5		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
2-Chlorotoluene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
4-Chlorotoluene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
Chlorodibromomethane	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
1,2-Dichlorobenzene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
1,3-Dichlorobenzene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
1,4-Dichlorobenzene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
1,3-Dichloropropane	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
1,1-Dichloropropene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
1,2-Dibromo-3-Chloropropane	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
Ethylene Dibromide	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
Dibromomethane	ND		9.5		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
Dichlorodifluoromethane	ND		9.5		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
1,1-Dichloroethane	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
1,2-Dichloroethane	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
1,1-Dichloroethene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
cis-1,2-Dichloroethene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
trans-1,2-Dichloroethene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
1,2-Dichloropropane	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
cis-1,3-Dichloropropene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
trans-1,3-Dichloropropene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
Ethylbenzene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
Hexachlorobutadiene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
2-Hexanone	ND		48		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
Isopropylbenzene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
4-Isopropyltoluene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
Methylene Chloride	ND		9.5		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
4-Methyl-2-pentanone (MIBK)	ND		48		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
Naphthalene	ND		9.5		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
N-Propylbenzene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
Styrene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
1,1,1,2-Tetrachloroethane	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
1,1,2,2-Tetrachloroethane	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
Tetrachloroethene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB11-EXC-S-3.5'

Date Collected: 08/17/12 13:30

Date Received: 08/17/12 14:55

Lab Sample ID: 720-44026-9

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
1,2,3-Trichlorobenzene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
1,2,4-Trichlorobenzene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
1,1,1-Trichloroethane	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
1,1,2-Trichloroethane	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
Trichloroethene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
Trichlorofluoromethane	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
1,2,3-Trichloropropane	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
1,2,4-Trimethylbenzene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
1,3,5-Trimethylbenzene	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
Vinyl acetate	ND		48		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
Vinyl chloride	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
Xylenes, Total	ND		9.5		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
2,2-Dichloropropane	ND		4.8		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
Gasoline Range Organics (GRO) -C5-C12	ND		240		ug/Kg		08/17/12 20:43	08/18/12 02:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	70		45 - 131				08/17/12 20:43	08/18/12 02:34	1
1,2-Dichloroethane-d4 (Surr)	110		60 - 140				08/17/12 20:43	08/18/12 02:34	1
Toluene-d8 (Surr)	92		58 - 140				08/17/12 20:43	08/18/12 02:34	1

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Client Sample ID: SB11-EXC-B-5'

Date Collected: 08/17/12 13:30

Date Received: 08/17/12 14:55

Lab Sample ID: 720-44026-5

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	1.5		0.99		mg/Kg		08/17/12 22:12	08/18/12 14:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.002		0 - 1				08/17/12 22:12	08/18/12 14:51	1
p-Terphenyl	74		38 - 148				08/17/12 22:12	08/18/12 14:51	1

Client Sample ID: SB11-EXC-W-3.5'

Date Collected: 08/17/12 13:30

Date Received: 08/17/12 14:55

Lab Sample ID: 720-44026-6

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		08/17/12 22:12	08/18/12 16:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.02		0 - 1				08/17/12 22:12	08/18/12 16:05	1
p-Terphenyl	77		38 - 148				08/17/12 22:12	08/18/12 16:05	1

Client Sample ID: SB11-EXC-N-3.5'

Date Collected: 08/17/12 13:30

Date Received: 08/17/12 14:55

Lab Sample ID: 720-44026-7

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		08/17/12 22:12	08/18/12 16:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.004		0 - 1				08/17/12 22:12	08/18/12 16:30	1
p-Terphenyl	80		38 - 148				08/17/12 22:12	08/18/12 16:30	1

Client Sample ID: SB11-EXC-E-3.5'

Date Collected: 08/17/12 13:30

Date Received: 08/17/12 14:55

Lab Sample ID: 720-44026-8

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.98		mg/Kg		08/17/12 22:12	08/18/12 16:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.01		0 - 1				08/17/12 22:12	08/18/12 16:54	1
p-Terphenyl	81		38 - 148				08/17/12 22:12	08/18/12 16:54	1

Client Sample ID: SB11-EXC-S-3.5'

Date Collected: 08/17/12 13:30

Date Received: 08/17/12 14:55

Lab Sample ID: 720-44026-9

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		08/17/12 22:12	08/18/12 17:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.004		0 - 1				08/17/12 22:12	08/18/12 17:19	1
p-Terphenyl	64		38 - 148				08/17/12 22:12	08/18/12 17:19	1

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 720-119340/1-A

Matrix: Solid

Analysis Batch: 119325

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 119340

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
Acetone	ND		50		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
Benzene	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
Dichlorobromomethane	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
Bromobenzene	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
Chlorobromomethane	ND		20		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
Bromoform	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
Bromomethane	ND		10		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
2-Butanone (MEK)	ND		50		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
n-Butylbenzene	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
sec-Butylbenzene	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
tert-Butylbenzene	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
Carbon disulfide	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
Carbon tetrachloride	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
Chlorobenzene	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
Chloroethane	ND		10		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
Chloroform	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
Chloromethane	ND		10		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
2-Chlorotoluene	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
4-Chlorotoluene	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
Chlorodibromomethane	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
1,3-Dichloropropane	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
1,1-Dichloropropene	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
Ethylene Dibromide	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
Dibromomethane	ND		10		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
Dichlorodifluoromethane	ND		10		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
1,1-Dichloroethane	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
1,2-Dichloroethane	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
1,1-Dichloroethene	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
1,2-Dichloropropane	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
Ethylbenzene	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
Hexachlorobutadiene	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
2-Hexanone	ND		50		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
Isopropylbenzene	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
4-Isopropyltoluene	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
Methylene Chloride	ND		10		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
Naphthalene	ND		10		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
N-Propylbenzene	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
Styrene	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-119340/1-A

Matrix: Solid

Analysis Batch: 119325

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 119340

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
Tetrachloroethene	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
Toluene	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
Trichloroethene	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
Trichlorofluoromethane	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
Vinyl acetate	ND		50		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
Vinyl chloride	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
Xylenes, Total	ND		10		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
2,2-Dichloropropane	ND		5.0		ug/Kg		08/17/12 18:00	08/17/12 19:17	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg		08/17/12 18:00	08/17/12 19:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		45 - 131	08/17/12 18:00	08/17/12 19:17	1
1,2-Dichloroethane-d4 (Surr)	110		60 - 140	08/17/12 18:00	08/17/12 19:17	1
Toluene-d8 (Surr)	103		58 - 140	08/17/12 18:00	08/17/12 19:17	1

Lab Sample ID: LCS 720-119340/2-A

Matrix: Solid

Analysis Batch: 119325

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 119340

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	50.0	54.8		ug/Kg		110	70 - 144
Acetone	250	189		ug/Kg		75	30 - 162
Benzene	50.0	54.3		ug/Kg		109	70 - 130
Dichlorobromomethane	50.0	57.7		ug/Kg		115	70 - 131
Bromobenzene	50.0	53.9		ug/Kg		108	70 - 130
Chlorobromomethane	50.0	57.6		ug/Kg		115	70 - 130
Bromoform	50.0	55.8		ug/Kg		112	59 - 158
Bromomethane	50.0	53.0		ug/Kg		106	59 - 132
2-Butanone (MEK)	250	227		ug/Kg		91	53 - 124
n-Butylbenzene	50.0	60.5		ug/Kg		121	70 - 142
sec-Butylbenzene	50.0	55.4		ug/Kg		111	70 - 136
tert-Butylbenzene	50.0	56.9		ug/Kg		114	70 - 130
Carbon disulfide	50.0	58.0		ug/Kg		116	60 - 140
Carbon tetrachloride	50.0	56.4		ug/Kg		113	70 - 138
Chlorobenzene	50.0	52.3		ug/Kg		105	70 - 130
Chloroethane	50.0	54.7		ug/Kg		109	65 - 130
Chloroform	50.0	53.2		ug/Kg		106	77 - 127
Chloromethane	50.0	46.7		ug/Kg		93	55 - 140
2-Chlorotoluene	50.0	58.8		ug/Kg		118	70 - 138
4-Chlorotoluene	50.0	58.8		ug/Kg		118	70 - 136

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-119340/2-A

Matrix: Solid

Analysis Batch: 119325

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 119340

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorodibromomethane	50.0	55.1		ug/Kg		110	70 - 146
1,2-Dichlorobenzene	50.0	54.4		ug/Kg		109	70 - 130
1,3-Dichlorobenzene	50.0	55.4		ug/Kg		111	70 - 131
1,4-Dichlorobenzene	50.0	54.1		ug/Kg		108	70 - 130
1,3-Dichloropropane	50.0	54.0		ug/Kg		108	70 - 140
1,1-Dichloropropene	50.0	61.9		ug/Kg		124	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	56.1		ug/Kg		112	60 - 145
Ethylene Dibromide	50.0	58.9		ug/Kg		118	70 - 140
Dibromomethane	50.0	54.2		ug/Kg		108	70 - 139
Dichlorodifluoromethane	50.0	39.8		ug/Kg		80	37 - 158
1,1-Dichloroethane	50.0	53.2		ug/Kg		106	70 - 130
1,2-Dichloroethane	50.0	53.4		ug/Kg		107	70 - 130
1,1-Dichloroethene	50.0	56.3		ug/Kg		113	76 - 122
cis-1,2-Dichloroethene	50.0	56.3		ug/Kg		113	70 - 138
trans-1,2-Dichloroethene	50.0	55.8		ug/Kg		112	67 - 130
1,2-Dichloropropane	50.0	52.9		ug/Kg		106	73 - 127
cis-1,3-Dichloropropene	50.0	56.9		ug/Kg		114	68 - 147
trans-1,3-Dichloropropene	50.0	54.4		ug/Kg		109	70 - 136
Ethylbenzene	50.0	55.3		ug/Kg		111	80 - 137
Hexachlorobutadiene	50.0	58.8		ug/Kg		118	70 - 132
2-Hexanone	250	218		ug/Kg		87	44 - 133
Isopropylbenzene	50.0	57.7		ug/Kg		115	88 - 128
4-Isopropyltoluene	50.0	57.5		ug/Kg		115	70 - 133
Methylene Chloride	50.0	53.3		ug/Kg		107	70 - 134
4-Methyl-2-pentanone (MIBK)	250	248		ug/Kg		99	60 - 160
Naphthalene	50.0	53.7		ug/Kg		107	60 - 147
N-Propylbenzene	50.0	55.8		ug/Kg		112	70 - 130
Styrene	50.0	53.3		ug/Kg		107	70 - 130
1,1,1,2-Tetrachloroethane	50.0	54.9		ug/Kg		110	70 - 130
1,1,2,2-Tetrachloroethane	50.0	54.1		ug/Kg		108	70 - 146
Tetrachloroethene	50.0	56.1		ug/Kg		112	70 - 132
Toluene	50.0	54.3		ug/Kg		109	80 - 128
1,2,3-Trichlorobenzene	50.0	58.1		ug/Kg		116	60 - 140
1,2,4-Trichlorobenzene	50.0	58.0		ug/Kg		116	60 - 140
1,1,1-Trichloroethane	50.0	54.7		ug/Kg		109	70 - 130
1,1,2-Trichloroethane	50.0	53.7		ug/Kg		107	70 - 130
Trichloroethene	50.0	55.6		ug/Kg		111	70 - 133
Trichlorofluoromethane	50.0	51.1		ug/Kg		102	60 - 140
1,2,3-Trichloropropane	50.0	53.7		ug/Kg		107	70 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	53.3		ug/Kg		107	60 - 140
1,2,4-Trimethylbenzene	50.0	54.9		ug/Kg		110	70 - 130
1,3,5-Trimethylbenzene	50.0	55.7		ug/Kg		111	70 - 131
Vinyl acetate	50.0	52.8		ug/Kg		106	38 - 176
Vinyl chloride	50.0	46.0		ug/Kg		92	58 - 125
m-Xylene & p-Xylene	100	120		ug/Kg		120	70 - 146
o-Xylene	50.0	56.0		ug/Kg		112	70 - 140
2,2-Dichloropropane	50.0	58.9		ug/Kg		118	70 - 162

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-119340/2-A

Matrix: Solid

Analysis Batch: 119325

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 119340

Surrogate	LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	111		45 - 131
1,2-Dichloroethane-d4 (Surr)	103		60 - 140
Toluene-d8 (Surr)	107		58 - 140

Lab Sample ID: LCS 720-119340/4-A

Matrix: Solid

Analysis Batch: 119325

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 119340

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	
							Limits	
Gasoline Range Organics (GRO) -C5-C12	1000	960		ug/Kg		96	61 - 128	

Surrogate	LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	109		45 - 131
1,2-Dichloroethane-d4 (Surr)	107		60 - 140
Toluene-d8 (Surr)	111		58 - 140

Lab Sample ID: LCSD 720-119340/3-A

Matrix: Solid

Analysis Batch: 119325

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 119340

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	
							Limits		RPD	Limit
Methyl tert-butyl ether	50.0	59.5		ug/Kg		119	70 - 144	8	20	
Acetone	250	227		ug/Kg		91	30 - 162	19	30	
Benzene	50.0	54.9		ug/Kg		110	70 - 130	1	20	
Dichlorobromomethane	50.0	59.7		ug/Kg		119	70 - 131	3	20	
Bromobenzene	50.0	53.9		ug/Kg		108	70 - 130	0	20	
Chlorobromomethane	50.0	60.2		ug/Kg		120	70 - 130	4	20	
Bromoform	50.0	60.4		ug/Kg		121	59 - 158	8	20	
Bromomethane	50.0	54.2		ug/Kg		108	59 - 132	2	20	
2-Butanone (MEK)	250	252		ug/Kg		101	53 - 124	10	20	
n-Butylbenzene	50.0	59.5		ug/Kg		119	70 - 142	2	20	
sec-Butylbenzene	50.0	53.9		ug/Kg		108	70 - 136	3	20	
tert-Butylbenzene	50.0	55.8		ug/Kg		112	70 - 130	2	20	
Carbon disulfide	50.0	56.2		ug/Kg		112	60 - 140	3	20	
Carbon tetrachloride	50.0	56.0		ug/Kg		112	70 - 138	1	20	
Chlorobenzene	50.0	53.3		ug/Kg		107	70 - 130	2	20	
Chloroethane	50.0	53.3		ug/Kg		107	65 - 130	3	20	
Chloroform	50.0	54.0		ug/Kg		108	77 - 127	1	20	
Chloromethane	50.0	45.6		ug/Kg		91	55 - 140	2	20	
2-Chlorotoluene	50.0	57.7		ug/Kg		115	70 - 138	2	20	
4-Chlorotoluene	50.0	58.6		ug/Kg		117	70 - 136	0	20	
Chlorodibromomethane	50.0	58.0		ug/Kg		116	70 - 146	5	20	
1,2-Dichlorobenzene	50.0	55.0		ug/Kg		110	70 - 130	1	20	
1,3-Dichlorobenzene	50.0	55.9		ug/Kg		112	70 - 131	1	20	
1,4-Dichlorobenzene	50.0	54.4		ug/Kg		109	70 - 130	0	20	
1,3-Dichloropropane	50.0	56.6		ug/Kg		113	70 - 140	5	20	
1,1-Dichloropropene	50.0	61.6		ug/Kg		123	70 - 130	0	20	
1,2-Dibromo-3-Chloropropane	50.0	60.6		ug/Kg		121	60 - 145	8	20	

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-119340/3-A

Matrix: Solid

Analysis Batch: 119325

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 119340

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Ethylene Dibromide	50.0	62.2		ug/Kg		124	70 - 140	6	20	
Dibromomethane	50.0	55.6		ug/Kg		111	70 - 139	3	20	
Dichlorodifluoromethane	50.0	39.8		ug/Kg		80	37 - 158	0	20	
1,1-Dichloroethane	50.0	53.9		ug/Kg		108	70 - 130	1	20	
1,2-Dichloroethane	50.0	55.7		ug/Kg		111	70 - 130	4	20	
1,1-Dichloroethene	50.0	55.7		ug/Kg		111	76 - 122	1	20	
cis-1,2-Dichloroethene	50.0	57.2		ug/Kg		114	70 - 138	2	20	
trans-1,2-Dichloroethene	50.0	57.4		ug/Kg		115	67 - 130	3	20	
1,2-Dichloropropane	50.0	54.6		ug/Kg		109	73 - 127	3	20	
cis-1,3-Dichloropropene	50.0	59.2		ug/Kg		118	68 - 147	4	20	
trans-1,3-Dichloropropene	50.0	56.9		ug/Kg		114	70 - 136	4	20	
Ethylbenzene	50.0	55.6		ug/Kg		111	80 - 137	1	20	
Hexachlorobutadiene	50.0	57.1		ug/Kg		114	70 - 132	3	20	
2-Hexanone	250	238		ug/Kg		95	44 - 133	9	20	
Isopropylbenzene	50.0	58.4		ug/Kg		117	88 - 128	1	20	
4-Isopropyltoluene	50.0	56.6		ug/Kg		113	70 - 133	2	20	
Methylene Chloride	50.0	54.3		ug/Kg		109	70 - 134	2	20	
4-Methyl-2-pentanone (MIBK)	250	271		ug/Kg		109	60 - 160	9	20	
Naphthalene	50.0	55.2		ug/Kg		110	60 - 147	3	20	
N-Propylbenzene	50.0	54.3		ug/Kg		109	70 - 130	3	20	
Styrene	50.0	55.0		ug/Kg		110	70 - 130	3	20	
1,1,1,2-Tetrachloroethane	50.0	56.6		ug/Kg		113	70 - 130	3	20	
1,1,1,2-Tetrachloroethane	50.0	56.8		ug/Kg		114	70 - 146	5	20	
Tetrachloroethene	50.0	56.7		ug/Kg		113	70 - 132	1	20	
Toluene	50.0	54.7		ug/Kg		109	80 - 128	1	20	
1,2,3-Trichlorobenzene	50.0	58.3		ug/Kg		117	60 - 140	0	20	
1,2,4-Trichlorobenzene	50.0	58.2		ug/Kg		116	60 - 140	0	20	
1,1,1-Trichloroethane	50.0	54.5		ug/Kg		109	70 - 130	0	20	
1,1,2-Trichloroethane	50.0	56.7		ug/Kg		113	70 - 130	5	20	
Trichloroethene	50.0	56.1		ug/Kg		112	70 - 133	1	20	
Trichlorofluoromethane	50.0	54.3		ug/Kg		109	60 - 140	6	20	
1,2,3-Trichloropropane	50.0	56.2		ug/Kg		112	70 - 146	4	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	52.3		ug/Kg		105	60 - 140	2	20	
1,2,4-Trimethylbenzene	50.0	54.4		ug/Kg		109	70 - 130	1	20	
1,3,5-Trimethylbenzene	50.0	54.8		ug/Kg		110	70 - 131	2	20	
Vinyl acetate	50.0	57.2		ug/Kg		114	38 - 176	8	20	
Vinyl chloride	50.0	46.2		ug/Kg		92	58 - 125	0	20	
m-Xylene & p-Xylene	100	120		ug/Kg		120	70 - 146	0	20	
o-Xylene	50.0	56.9		ug/Kg		114	70 - 140	2	20	
2,2-Dichloropropane	50.0	55.6		ug/Kg		111	70 - 162	6	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	113		45 - 131
1,2-Dichloroethane-d4 (Surr)	105		60 - 140
Toluene-d8 (Surr)	110		58 - 140

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-119340/5-A

Matrix: Solid

Analysis Batch: 119325

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 119340

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12	1000	928		ug/Kg		93	61 - 128	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	108		45 - 131
1,2-Dichloroethane-d4 (Surr)	101		60 - 140
Toluene-d8 (Surr)	111		58 - 140

Lab Sample ID: 720-44026-1 MS

Matrix: Solid

Analysis Batch: 119325

Client Sample ID: SB6-EXC-W-10'

Prep Type: Total/NA

Prep Batch: 119340

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	ND		49.9	55.3		ug/Kg		111	69 - 130
Acetone	ND		250	241		ug/Kg		97	37 - 150
Benzene	ND		49.9	54.3		ug/Kg		109	70 - 130
Dichlorobromomethane	ND		49.9	55.8		ug/Kg		112	64 - 135
Bromobenzene	ND		49.9	58.0		ug/Kg		116	70 - 130
Chlorobromomethane	ND		49.9	56.6		ug/Kg		113	65 - 130
Bromoform	ND		49.9	53.2		ug/Kg		107	58 - 132
Bromomethane	ND		49.9	52.1		ug/Kg		104	56 - 130
2-Butanone (MEK)	ND		250	223		ug/Kg		89	41 - 150
n-Butylbenzene	ND		49.9	58.8		ug/Kg		118	60 - 145
sec-Butylbenzene	ND		49.9	57.4		ug/Kg		113	64 - 137
tert-Butylbenzene	8.3		49.9	66.0		ug/Kg		116	63 - 134
Carbon disulfide	ND		49.9	58.7		ug/Kg		118	10 - 150
Carbon tetrachloride	ND		49.9	55.2		ug/Kg		111	54 - 130
Chlorobenzene	ND		49.9	52.3		ug/Kg		105	70 - 130
Chloroethane	ND		49.9	52.2		ug/Kg		105	61 - 130
Chloroform	ND		49.9	52.6		ug/Kg		105	67 - 130
Chloromethane	ND		49.9	44.5		ug/Kg		89	50 - 131
2-Chlorotoluene	ND		49.9	62.9		ug/Kg		126	70 - 130
4-Chlorotoluene	ND		49.9	61.9		ug/Kg		124	70 - 130
Chlorodibromomethane	ND		49.9	52.5		ug/Kg		105	60 - 141
1,2-Dichlorobenzene	ND		49.9	53.0		ug/Kg		106	70 - 130
1,3-Dichlorobenzene	ND		49.9	55.1		ug/Kg		110	70 - 130
1,4-Dichlorobenzene	ND		49.9	54.0		ug/Kg		108	70 - 130
1,3-Dichloropropane	ND		49.9	51.7		ug/Kg		104	70 - 130
1,1-Dichloropropene	ND		49.9	61.9		ug/Kg		124	67 - 130
1,2-Dibromo-3-Chloropropane	ND		49.9	57.4		ug/Kg		115	57 - 130
Ethylene Dibromide	ND		49.9	56.0		ug/Kg		112	66 - 135
Dibromomethane	ND		49.9	51.4		ug/Kg		103	65 - 131
Dichlorodifluoromethane	ND		49.9	39.7		ug/Kg		79	38 - 130
1,1-Dichloroethane	ND		49.9	52.9		ug/Kg		106	67 - 130
1,2-Dichloroethane	ND		49.9	52.3		ug/Kg		105	70 - 130
1,1-Dichloroethene	ND		49.9	56.3		ug/Kg		113	64 - 130
cis-1,2-Dichloroethene	ND		49.9	55.6		ug/Kg		111	68 - 131
trans-1,2-Dichloroethene	ND		49.9	57.4		ug/Kg		115	70 - 130
1,2-Dichloropropane	ND		49.9	52.1		ug/Kg		105	65 - 133

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-44026-1 MS

Matrix: Solid

Analysis Batch: 119325

Client Sample ID: SB6-EXC-W-10'

Prep Type: Total/NA

Prep Batch: 119340

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
cis-1,3-Dichloropropene	ND		49.9	56.4		ug/Kg		113	46 - 139
trans-1,3-Dichloropropene	ND		49.9	52.9		ug/Kg		106	55 - 131
Ethylbenzene	ND		49.9	55.5		ug/Kg		111	65 - 130
Hexachlorobutadiene	ND		49.9	41.3		ug/Kg		83	58 - 132
2-Hexanone	ND		250	206		ug/Kg		83	44 - 150
Isopropylbenzene	ND		49.9	57.6		ug/Kg		114	65 - 130
4-Isopropyltoluene	ND		49.9	59.7		ug/Kg		120	69 - 134
Methylene Chloride	ND		49.9	52.8		ug/Kg		106	63 - 130
4-Methyl-2-pentanone (MIBK)	ND		250	236		ug/Kg		94	51 - 140
Naphthalene	ND		49.9	38.9		ug/Kg		78	45 - 146
N-Propylbenzene	ND		49.9	60.7		ug/Kg		119	70 - 130
Styrene	ND		49.9	52.5		ug/Kg		105	58 - 135
1,1,1,2-Tetrachloroethane	ND		49.9	56.1		ug/Kg		112	64 - 133
1,1,1,2-Tetrachloroethane	ND		49.9	58.7		ug/Kg		118	70 - 131
Tetrachloroethene	ND		49.9	55.0		ug/Kg		110	67 - 130
Toluene	ND		49.9	55.3		ug/Kg		111	70 - 130
1,2,3-Trichlorobenzene	ND		49.9	38.7		ug/Kg		78	58 - 138
1,2,4-Trichlorobenzene	ND		49.9	43.1		ug/Kg		86	49 - 144
1,1,1-Trichloroethane	ND		49.9	54.3		ug/Kg		109	57 - 133
1,1,2-Trichloroethane	ND		49.9	51.8		ug/Kg		104	68 - 132
Trichloroethene	ND		49.9	55.1		ug/Kg		110	66 - 130
Trichlorofluoromethane	ND		49.9	50.4		ug/Kg		101	61 - 130
1,2,3-Trichloropropane	ND		49.9	57.8		ug/Kg		116	62 - 150
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		49.9	52.0		ug/Kg		104	52 - 130
1,2,4-Trimethylbenzene	ND		49.9	58.0		ug/Kg		116	64 - 140
1,3,5-Trimethylbenzene	ND		49.9	59.7		ug/Kg		118	67 - 134
Vinyl acetate	ND		49.9	ND	F	ug/Kg		50	52 - 150
Vinyl chloride	ND		49.9	47.9		ug/Kg		96	62 - 130
m-Xylene & p-Xylene	ND		99.8	121		ug/Kg		121	70 - 130
o-Xylene	ND		49.9	55.9		ug/Kg		111	68 - 130
2,2-Dichloropropane	ND		49.9	60.3		ug/Kg		121	63 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	107		45 - 131
1,2-Dichloroethane-d4 (Surr)	100		60 - 140
Toluene-d8 (Surr)	109		58 - 140

Lab Sample ID: 720-44026-1 MSD

Matrix: Solid

Analysis Batch: 119325

Client Sample ID: SB6-EXC-W-10'

Prep Type: Total/NA

Prep Batch: 119340

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Methyl tert-butyl ether	ND		48.9	53.2		ug/Kg		109	69 - 130	4	20
Acetone	ND		245	191	F	ug/Kg		78	37 - 150	23	20
Benzene	ND		48.9	54.0		ug/Kg		110	70 - 130	1	20
Dichlorobromomethane	ND		48.9	55.6		ug/Kg		114	64 - 135	0	20
Bromobenzene	ND		48.9	57.9		ug/Kg		118	70 - 130	0	20
Chlorobromomethane	ND		48.9	54.8		ug/Kg		112	65 - 130	3	20
Bromoform	ND		48.9	52.0		ug/Kg		106	58 - 132	2	20

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-44026-1 MSD

Matrix: Solid

Analysis Batch: 119325

Client Sample ID: SB6-EXC-W-10'

Prep Type: Total/NA

Prep Batch: 119340

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Bromomethane	ND		48.9	51.4		ug/Kg		105	56 - 130	1	20
2-Butanone (MEK)	ND		245	215		ug/Kg		88	41 - 150	4	20
n-Butylbenzene	ND		48.9	58.0		ug/Kg		119	60 - 145	1	20
sec-Butylbenzene	ND		48.9	57.1		ug/Kg		115	64 - 137	0	20
tert-Butylbenzene	8.3		48.9	68.1		ug/Kg		122	63 - 134	3	20
Carbon disulfide	ND		48.9	57.9		ug/Kg		118	10 - 150	1	20
Carbon tetrachloride	ND		48.9	54.7		ug/Kg		112	54 - 130	1	20
Chlorobenzene	ND		48.9	52.0		ug/Kg		106	70 - 130	1	20
Chloroethane	ND		48.9	51.4		ug/Kg		105	61 - 130	2	20
Chloroform	ND		48.9	52.0		ug/Kg		106	67 - 130	1	20
Chloromethane	ND		48.9	44.0		ug/Kg		90	50 - 131	1	20
2-Chlorotoluene	ND		48.9	63.6		ug/Kg		130	70 - 130	1	20
4-Chlorotoluene	ND		48.9	63.3		ug/Kg		129	70 - 130	2	20
Chlorodibromomethane	ND		48.9	51.3		ug/Kg		105	60 - 141	2	20
1,2-Dichlorobenzene	ND		48.9	52.2		ug/Kg		107	70 - 130	2	20
1,3-Dichlorobenzene	ND		48.9	55.3		ug/Kg		113	70 - 130	0	20
1,4-Dichlorobenzene	ND		48.9	53.1		ug/Kg		109	70 - 130	2	20
1,3-Dichloropropane	ND		48.9	49.3		ug/Kg		101	70 - 130	5	20
1,1-Dichloropropene	ND		48.9	61.3		ug/Kg		125	67 - 130	1	20
1,2-Dibromo-3-Chloropropane	ND		48.9	55.7		ug/Kg		114	57 - 130	3	20
Ethylene Dibromide	ND		48.9	54.1		ug/Kg		111	66 - 135	4	20
Dibromomethane	ND		48.9	49.8		ug/Kg		102	65 - 131	3	20
Dichlorodifluoromethane	ND		48.9	38.8		ug/Kg		79	38 - 130	2	20
1,1-Dichloroethane	ND		48.9	52.5		ug/Kg		107	67 - 130	1	20
1,2-Dichloroethane	ND		48.9	50.2		ug/Kg		103	70 - 130	4	20
1,1-Dichloroethene	ND		48.9	56.0		ug/Kg		115	64 - 130	0	20
cis-1,2-Dichloroethene	ND		48.9	55.0		ug/Kg		112	68 - 131	1	20
trans-1,2-Dichloroethene	ND		48.9	56.6		ug/Kg		116	70 - 130	1	20
1,2-Dichloropropane	ND		48.9	51.5		ug/Kg		105	65 - 133	1	20
cis-1,3-Dichloropropene	ND		48.9	55.5		ug/Kg		113	46 - 139	2	20
trans-1,3-Dichloropropene	ND		48.9	51.1		ug/Kg		104	55 - 131	3	20
Ethylbenzene	ND		48.9	55.1		ug/Kg		113	65 - 130	1	20
Hexachlorobutadiene	ND		48.9	40.1		ug/Kg		82	58 - 132	3	20
2-Hexanone	ND		245	195		ug/Kg		80	44 - 150	6	20
Isopropylbenzene	ND		48.9	57.4		ug/Kg		116	65 - 130	0	20
4-Isopropyltoluene	ND		48.9	59.0		ug/Kg		121	69 - 134	1	20
Methylene Chloride	ND		48.9	52.4		ug/Kg		107	63 - 130	1	20
4-Methyl-2-pentanone (MIBK)	ND		245	221		ug/Kg		90	51 - 140	6	20
Naphthalene	ND		48.9	37.0		ug/Kg		76	45 - 146	5	20
N-Propylbenzene	ND		48.9	61.5		ug/Kg		123	70 - 130	1	20
Styrene	ND		48.9	51.1		ug/Kg		105	58 - 135	3	20
1,1,1,2-Tetrachloroethane	ND		48.9	55.6		ug/Kg		114	64 - 133	1	20
1,1,2,2-Tetrachloroethane	ND		48.9	58.0		ug/Kg		118	70 - 131	1	20
Tetrachloroethene	ND		48.9	53.7		ug/Kg		110	67 - 130	2	20
Toluene	ND		48.9	55.8		ug/Kg		114	70 - 130	1	20
1,2,3-Trichlorobenzene	ND		48.9	36.0		ug/Kg		74	58 - 138	7	20
1,2,4-Trichlorobenzene	ND		48.9	40.3		ug/Kg		82	49 - 144	7	20
1,1,1-Trichloroethane	ND		48.9	53.6		ug/Kg		110	57 - 133	1	20
1,1,2-Trichloroethane	ND		48.9	50.7		ug/Kg		104	68 - 132	2	20
Trichloroethene	ND		48.9	54.7		ug/Kg		112	66 - 130	1	20

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-44026-1 MSD

Matrix: Solid

Analysis Batch: 119325

Client Sample ID: SB6-EXC-W-10'

Prep Type: Total/NA

Prep Batch: 119340

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Trichlorofluoromethane	ND		48.9	47.1		ug/Kg		96	61 - 130	7	20
1,2,3-Trichloropropane	ND		48.9	56.5		ug/Kg		116	62 - 150	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		48.9	51.7		ug/Kg		106	52 - 130	1	20
1,2,4-Trimethylbenzene	ND		48.9	58.6		ug/Kg		120	64 - 140	1	20
1,3,5-Trimethylbenzene	ND		48.9	60.5		ug/Kg		122	67 - 134	1	20
Vinyl acetate	ND		48.9	ND	F	ug/Kg		38	52 - 150	29	20
Vinyl chloride	ND		48.9	48.3		ug/Kg		99	62 - 130	1	20
m-Xylene & p-Xylene	ND		97.8	120		ug/Kg		123	70 - 130	0	20
o-Xylene	ND		48.9	55.5		ug/Kg		112	68 - 130	1	20
2,2-Dichloropropane	ND		48.9	57.6		ug/Kg		118	63 - 130	5	20

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	106		45 - 131
1,2-Dichloroethane-d4 (Surr)	99		60 - 140
Toluene-d8 (Surr)	107		58 - 140

Lab Sample ID: MB 720-119371/1-A

Matrix: Solid

Analysis Batch: 119354

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 119371

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methyl tert-butyl ether	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
Acetone	ND		50		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
Benzene	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
Dichlorobromomethane	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
Bromobenzene	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
Chlorobromomethane	ND		20		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
Bromoform	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
Bromomethane	ND		10		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
2-Butanone (MEK)	ND		50		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
n-Butylbenzene	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
sec-Butylbenzene	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
tert-Butylbenzene	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
Carbon disulfide	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
Carbon tetrachloride	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
Chlorobenzene	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
Chloroethane	ND		10		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
Chloroform	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
Chloromethane	ND		10		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
2-Chlorotoluene	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
4-Chlorotoluene	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
Chlorodibromomethane	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
1,3-Dichloropropane	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
1,1-Dichloropropene	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
Ethylene Dibromide	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-119371/1-A

Matrix: Solid

Analysis Batch: 119354

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 119371

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		10		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
Dichlorodifluoromethane	ND		10		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
1,1-Dichloroethane	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
1,2-Dichloroethane	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
1,1-Dichloroethene	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
1,2-Dichloropropane	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
Ethylbenzene	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
Hexachlorobutadiene	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
2-Hexanone	ND		50		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
Isopropylbenzene	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
4-Isopropyltoluene	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
Methylene Chloride	ND		10		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
Naphthalene	ND		10		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
N-Propylbenzene	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
Styrene	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
Tetrachloroethene	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
Toluene	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
Trichloroethene	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
Trichlorofluoromethane	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
Vinyl acetate	ND		50		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
Vinyl chloride	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
Xylenes, Total	ND		10		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
2,2-Dichloropropane	ND		5.0		ug/Kg		08/18/12 08:09	08/18/12 11:17	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg		08/18/12 08:09	08/18/12 11:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		45 - 131	08/18/12 08:09	08/18/12 11:17	1
1,2-Dichloroethane-d4 (Surr)	93		60 - 140	08/18/12 08:09	08/18/12 11:17	1
Toluene-d8 (Surr)	106		58 - 140	08/18/12 08:09	08/18/12 11:17	1

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-119371/2-A

Matrix: Solid

Analysis Batch: 119354

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 119371

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	50.0	58.8		ug/Kg		118	70 - 144
Acetone	250	178		ug/Kg		71	30 - 162
Benzene	50.0	54.2		ug/Kg		108	70 - 130
Dichlorobromomethane	50.0	56.3		ug/Kg		113	70 - 131
Bromobenzene	50.0	53.6		ug/Kg		107	70 - 130
Chlorobromomethane	50.0	58.0		ug/Kg		116	70 - 130
Bromoform	50.0	56.9		ug/Kg		114	59 - 158
Bromomethane	50.0	51.4		ug/Kg		103	59 - 132
2-Butanone (MEK)	250	245		ug/Kg		98	53 - 124
n-Butylbenzene	50.0	60.6		ug/Kg		121	70 - 142
sec-Butylbenzene	50.0	54.5		ug/Kg		109	70 - 136
tert-Butylbenzene	50.0	56.5		ug/Kg		113	70 - 130
Carbon disulfide	50.0	57.7		ug/Kg		115	60 - 140
Carbon tetrachloride	50.0	52.9		ug/Kg		106	70 - 138
Chlorobenzene	50.0	52.6		ug/Kg		105	70 - 130
Chloroethane	50.0	51.9		ug/Kg		104	65 - 130
Chloroform	50.0	52.0		ug/Kg		104	77 - 127
Chloromethane	50.0	41.7		ug/Kg		83	55 - 140
2-Chlorotoluene	50.0	58.2		ug/Kg		116	70 - 138
4-Chlorotoluene	50.0	58.7		ug/Kg		117	70 - 136
Chlorodibromomethane	50.0	56.6		ug/Kg		113	70 - 146
1,2-Dichlorobenzene	50.0	54.3		ug/Kg		109	70 - 130
1,3-Dichlorobenzene	50.0	54.5		ug/Kg		109	70 - 131
1,4-Dichlorobenzene	50.0	53.6		ug/Kg		107	70 - 130
1,3-Dichloropropane	50.0	54.8		ug/Kg		110	70 - 140
1,1-Dichloropropene	50.0	61.7		ug/Kg		123	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	56.6		ug/Kg		113	60 - 145
Ethylene Dibromide	50.0	61.2		ug/Kg		122	70 - 140
Dibromomethane	50.0	53.2		ug/Kg		106	70 - 139
Dichlorodifluoromethane	50.0	35.5		ug/Kg		71	37 - 158
1,1-Dichloroethane	50.0	52.2		ug/Kg		104	70 - 130
1,2-Dichloroethane	50.0	51.5		ug/Kg		103	70 - 130
1,1-Dichloroethene	50.0	55.9		ug/Kg		112	76 - 122
cis-1,2-Dichloroethene	50.0	54.6		ug/Kg		109	70 - 138
trans-1,2-Dichloroethene	50.0	57.6		ug/Kg		115	67 - 130
1,2-Dichloropropane	50.0	53.5		ug/Kg		107	73 - 127
cis-1,3-Dichloropropene	50.0	60.6		ug/Kg		121	68 - 147
trans-1,3-Dichloropropene	50.0	56.7		ug/Kg		113	70 - 136
Ethylbenzene	50.0	54.7		ug/Kg		109	80 - 137
Hexachlorobutadiene	50.0	57.5		ug/Kg		115	70 - 132
2-Hexanone	250	221		ug/Kg		88	44 - 133
Isopropylbenzene	50.0	56.7		ug/Kg		113	88 - 128
4-Isopropyltoluene	50.0	57.0		ug/Kg		114	70 - 133
Methylene Chloride	50.0	53.2		ug/Kg		106	70 - 134
4-Methyl-2-pentanone (MIBK)	250	245		ug/Kg		98	60 - 160
Naphthalene	50.0	53.4		ug/Kg		107	60 - 147
N-Propylbenzene	50.0	55.2		ug/Kg		110	70 - 130
Styrene	50.0	54.4		ug/Kg		109	70 - 130
1,1,1,2-Tetrachloroethane	50.0	55.8		ug/Kg		112	70 - 130

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-119371/2-A

Matrix: Solid

Analysis Batch: 119354

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 119371

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	50.0	54.0		ug/Kg		108	70 - 146
Tetrachloroethene	50.0	55.2		ug/Kg		110	70 - 132
Toluene	50.0	54.0		ug/Kg		108	80 - 128
1,2,3-Trichlorobenzene	50.0	57.8		ug/Kg		116	60 - 140
1,2,4-Trichlorobenzene	50.0	58.7		ug/Kg		117	60 - 140
1,1,1-Trichloroethane	50.0	52.9		ug/Kg		106	70 - 130
1,1,2-Trichloroethane	50.0	55.8		ug/Kg		112	70 - 130
Trichloroethene	50.0	54.5		ug/Kg		109	70 - 133
Trichlorofluoromethane	50.0	44.4		ug/Kg		89	60 - 140
1,2,3-Trichloropropane	50.0	51.9		ug/Kg		104	70 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	50.7		ug/Kg		101	60 - 140
1,2,4-Trimethylbenzene	50.0	55.1		ug/Kg		110	70 - 130
1,3,5-Trimethylbenzene	50.0	55.2		ug/Kg		110	70 - 131
Vinyl acetate	50.0	51.7		ug/Kg		103	38 - 176
Vinyl chloride	50.0	48.7		ug/Kg		97	58 - 125
m-Xylene & p-Xylene	100	118		ug/Kg		118	70 - 146
o-Xylene	50.0	55.0		ug/Kg		110	70 - 140
2,2-Dichloropropane	50.0	56.2		ug/Kg		112	70 - 162

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	111		45 - 131
1,2-Dichloroethane-d4 (Surr)	99		60 - 140
Toluene-d8 (Surr)	112		58 - 140

Lab Sample ID: LCS 720-119371/4-A

Matrix: Solid

Analysis Batch: 119354

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 119371

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	1000	942		ug/Kg		94	61 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	111		45 - 131
1,2-Dichloroethane-d4 (Surr)	96		60 - 140
Toluene-d8 (Surr)	112		58 - 140

Lab Sample ID: LCSD 720-119371/3-A

Matrix: Solid

Analysis Batch: 119354

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 119371

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Methyl tert-butyl ether	50.0	52.2		ug/Kg		104	70 - 144	12	20
Acetone	250	113	*	ug/Kg		45	30 - 162	45	30
Benzene	50.0	54.4		ug/Kg		109	70 - 130	0	20
Dichlorobromomethane	50.0	53.6		ug/Kg		107	70 - 131	5	20
Bromobenzene	50.0	53.4		ug/Kg		107	70 - 130	0	20
Chlorobromomethane	50.0	53.6		ug/Kg		107	70 - 130	8	20
Bromoform	50.0	50.4		ug/Kg		101	59 - 158	12	20

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-119371/3-A

Matrix: Solid

Analysis Batch: 119354

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 119371

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	RPD	RPD
							Limits	RPD	Limit
Bromomethane	50.0	53.5		ug/Kg		107	59 - 132	4	20
2-Butanone (MEK)	250	194	*	ug/Kg		78	53 - 124	23	20
n-Butylbenzene	50.0	63.2		ug/Kg		126	70 - 142	4	20
sec-Butylbenzene	50.0	56.9		ug/Kg		114	70 - 136	4	20
tert-Butylbenzene	50.0	58.9		ug/Kg		118	70 - 130	4	20
Carbon disulfide	50.0	59.1		ug/Kg		118	60 - 140	2	20
Carbon tetrachloride	50.0	54.5		ug/Kg		109	70 - 138	3	20
Chlorobenzene	50.0	52.4		ug/Kg		105	70 - 130	0	20
Chloroethane	50.0	53.5		ug/Kg		107	65 - 130	3	20
Chloroform	50.0	51.4		ug/Kg		103	77 - 127	1	20
Chloromethane	50.0	43.1		ug/Kg		86	55 - 140	3	20
2-Chlorotoluene	50.0	59.5		ug/Kg		119	70 - 138	2	20
4-Chlorotoluene	50.0	59.8		ug/Kg		120	70 - 136	2	20
Chlorodibromomethane	50.0	51.8		ug/Kg		104	70 - 146	9	20
1,2-Dichlorobenzene	50.0	53.9		ug/Kg		108	70 - 130	1	20
1,3-Dichlorobenzene	50.0	55.6		ug/Kg		111	70 - 131	2	20
1,4-Dichlorobenzene	50.0	53.8		ug/Kg		108	70 - 130	0	20
1,3-Dichloropropane	50.0	49.5		ug/Kg		99	70 - 140	10	20
1,1-Dichloropropene	50.0	63.2		ug/Kg		126	70 - 130	2	20
1,2-Dibromo-3-Chloropropane	50.0	49.0		ug/Kg		98	60 - 145	14	20
Ethylene Dibromide	50.0	54.0		ug/Kg		108	70 - 140	13	20
Dibromomethane	50.0	48.7		ug/Kg		97	70 - 139	9	20
Dichlorodifluoromethane	50.0	36.7		ug/Kg		73	37 - 158	3	20
1,1-Dichloroethane	50.0	52.3		ug/Kg		105	70 - 130	0	20
1,2-Dichloroethane	50.0	47.4		ug/Kg		95	70 - 130	8	20
1,1-Dichloroethene	50.0	57.7		ug/Kg		115	76 - 122	3	20
cis-1,2-Dichloroethene	50.0	54.3		ug/Kg		109	70 - 138	1	20
trans-1,2-Dichloroethene	50.0	57.8		ug/Kg		116	67 - 130	0	20
1,2-Dichloropropane	50.0	51.5		ug/Kg		103	73 - 127	4	20
cis-1,3-Dichloropropene	50.0	56.6		ug/Kg		113	68 - 147	7	20
trans-1,3-Dichloropropene	50.0	52.1		ug/Kg		104	70 - 136	9	20
Ethylbenzene	50.0	55.9		ug/Kg		112	80 - 137	2	20
Hexachlorobutadiene	50.0	62.1		ug/Kg		124	70 - 132	8	20
2-Hexanone	250	173	*	ug/Kg		69	44 - 133	24	20
Isopropylbenzene	50.0	58.9		ug/Kg		118	88 - 128	4	20
4-Isopropyltoluene	50.0	59.3		ug/Kg		119	70 - 133	4	20
Methylene Chloride	50.0	52.0		ug/Kg		104	70 - 134	2	20
4-Methyl-2-pentanone (MIBK)	250	199	*	ug/Kg		79	60 - 160	21	20
Naphthalene	50.0	48.7		ug/Kg		97	60 - 147	9	20
N-Propylbenzene	50.0	57.4		ug/Kg		115	70 - 130	4	20
Styrene	50.0	54.3		ug/Kg		109	70 - 130	0	20
1,1,1,2-Tetrachloroethane	50.0	54.2		ug/Kg		108	70 - 130	3	20
1,1,1,2-Tetrachloroethane	50.0	47.0		ug/Kg		94	70 - 146	14	20
Tetrachloroethene	50.0	56.5		ug/Kg		113	70 - 132	2	20
Toluene	50.0	54.1		ug/Kg		108	80 - 128	0	20
1,2,3-Trichlorobenzene	50.0	57.0		ug/Kg		114	60 - 140	1	20
1,2,4-Trichlorobenzene	50.0	59.6		ug/Kg		119	60 - 140	2	20
1,1,1-Trichloroethane	50.0	52.8		ug/Kg		106	70 - 130	0	20
1,1,2-Trichloroethane	50.0	50.1		ug/Kg		100	70 - 130	11	20
Trichloroethene	50.0	55.2		ug/Kg		110	70 - 133	1	20

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-119371/3-A

Matrix: Solid

Analysis Batch: 119354

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 119371

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Trichlorofluoromethane	50.0	46.2		ug/Kg		92	60 - 140	4	20	
1,2,3-Trichloropropane	50.0	46.4		ug/Kg		93	70 - 146	11	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	52.2		ug/Kg		104	60 - 140	3	20	
1,2,4-Trimethylbenzene	50.0	56.9		ug/Kg		114	70 - 130	3	20	
1,3,5-Trimethylbenzene	50.0	57.1		ug/Kg		114	70 - 131	3	20	
Vinyl acetate	50.0	ND		ug/Kg		91	38 - 176	13	20	
Vinyl chloride	50.0	51.7		ug/Kg		103	58 - 125	6	20	
m-Xylene & p-Xylene	100	120		ug/Kg		120	70 - 146	2	20	
o-Xylene	50.0	56.3		ug/Kg		113	70 - 140	2	20	
2,2-Dichloropropane	50.0	57.1		ug/Kg		114	70 - 162	1	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	108		45 - 131
1,2-Dichloroethane-d4 (Surr)	92		60 - 140
Toluene-d8 (Surr)	111		58 - 140

Lab Sample ID: LCSD 720-119371/5-A

Matrix: Solid

Analysis Batch: 119354

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 119371

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Gasoline Range Organics (GRO) -C5-C12	1000	935		ug/Kg		93	61 - 128	1	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	109		45 - 131
1,2-Dichloroethane-d4 (Surr)	97		60 - 140
Toluene-d8 (Surr)	113		58 - 140

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 720-119350/1-A

Matrix: Solid

Analysis Batch: 119362

Client Sample ID: Method Blank

Prep Type: Silica Gel Cleanup

Prep Batch: 119350

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics [C10-C28]	ND		0.98		mg/Kg		08/17/12 22:12	08/18/12 13:38	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Capric Acid (Surr)	0.03		0 - 1	08/17/12 22:12	08/18/12 13:38	1
p-Terphenyl	90		38 - 148	08/17/12 22:12	08/18/12 13:38	1

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 720-119350/2-A

Matrix: Solid

Analysis Batch: 119362

Client Sample ID: Lab Control Sample

Prep Type: Silica Gel Cleanup

Prep Batch: 119350

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	82.0	63.4		mg/Kg		77	36 - 112
Surrogate		LCS %Recovery	LCS Qualifier				Limits
<i>p-Terphenyl</i>		87					38 - 148

Lab Sample ID: LCSD 720-119350/3-A

Matrix: Solid

Analysis Batch: 119362

Client Sample ID: Lab Control Sample Dup

Prep Type: Silica Gel Cleanup

Prep Batch: 119350

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Diesel Range Organics [C10-C28]	82.9	55.7		mg/Kg		67	36 - 112	13	35
Surrogate		LCSD %Recovery	LCSD Qualifier				Limits		
<i>p-Terphenyl</i>		77					38 - 148		

Lab Sample ID: 720-44026-5 MS

Matrix: Solid

Analysis Batch: 119362

Client Sample ID: SB11-EXC-B-5'

Prep Type: Silica Gel Cleanup

Prep Batch: 119350

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	1.5		83.0	61.8		mg/Kg		73	50 - 150
Surrogate		MS %Recovery		MS Qualifier					Limits
<i>p-Terphenyl</i>		78							38 - 148

Lab Sample ID: 720-44026-5 MSD

Matrix: Solid

Analysis Batch: 119362

Client Sample ID: SB11-EXC-B-5'

Prep Type: Silica Gel Cleanup

Prep Batch: 119350

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Diesel Range Organics [C10-C28]	1.5		83.0	54.6		mg/Kg		64	50 - 150	13	30
Surrogate		MSD %Recovery		MSD Qualifier					Limits		
<i>p-Terphenyl</i>		68							38 - 148		

QC Association Summary

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

GC/MS VOA

Analysis Batch: 119325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-44026-1	SB6-EXC-W-10'	Total/NA	Solid	8260B	119340
720-44026-1 MS	SB6-EXC-W-10'	Total/NA	Solid	8260B	119340
720-44026-1 MSD	SB6-EXC-W-10'	Total/NA	Solid	8260B	119340
720-44026-2	SB6-EXC-N-10'	Total/NA	Solid	8260B	119340
720-44026-3	SB6-EXC-S-10'	Total/NA	Solid	8260B	119340
720-44026-4	SB6-EXC-E-10'	Total/NA	Solid	8260B	119340
720-44026-5	SB11-EXC-B-5'	Total/NA	Solid	8260B	119340
720-44026-6	SB11-EXC-W-3.5'	Total/NA	Solid	8260B	119340
720-44026-8	SB11-EXC-E-3.5'	Total/NA	Solid	8260B	119340
720-44026-9	SB11-EXC-S-3.5'	Total/NA	Solid	8260B	119340
LCS 720-119340/2-A	Lab Control Sample	Total/NA	Solid	8260B	119340
LCS 720-119340/4-A	Lab Control Sample	Total/NA	Solid	8260B	119340
LCSD 720-119340/3-A	Lab Control Sample Dup	Total/NA	Solid	8260B	119340
LCSD 720-119340/5-A	Lab Control Sample Dup	Total/NA	Solid	8260B	119340
MB 720-119340/1-A	Method Blank	Total/NA	Solid	8260B	119340

Prep Batch: 119340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-44026-1	SB6-EXC-W-10'	Total/NA	Solid	5030B	
720-44026-1 MS	SB6-EXC-W-10'	Total/NA	Solid	5030B	
720-44026-1 MSD	SB6-EXC-W-10'	Total/NA	Solid	5030B	
720-44026-2	SB6-EXC-N-10'	Total/NA	Solid	5030B	
720-44026-3	SB6-EXC-S-10'	Total/NA	Solid	5030B	
720-44026-4	SB6-EXC-E-10'	Total/NA	Solid	5030B	
720-44026-5	SB11-EXC-B-5'	Total/NA	Solid	5030B	
720-44026-6	SB11-EXC-W-3.5'	Total/NA	Solid	5030B	
720-44026-8	SB11-EXC-E-3.5'	Total/NA	Solid	5030B	
720-44026-9	SB11-EXC-S-3.5'	Total/NA	Solid	5030B	
LCS 720-119340/2-A	Lab Control Sample	Total/NA	Solid	5030B	
LCS 720-119340/4-A	Lab Control Sample	Total/NA	Solid	5030B	
LCSD 720-119340/3-A	Lab Control Sample Dup	Total/NA	Solid	5030B	
LCSD 720-119340/5-A	Lab Control Sample Dup	Total/NA	Solid	5030B	
MB 720-119340/1-A	Method Blank	Total/NA	Solid	5030B	

Analysis Batch: 119354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-44026-7	SB11-EXC-N-3.5'	Total/NA	Solid	8260B	119371
LCS 720-119371/2-A	Lab Control Sample	Total/NA	Solid	8260B	119371
LCS 720-119371/4-A	Lab Control Sample	Total/NA	Solid	8260B	119371
LCSD 720-119371/3-A	Lab Control Sample Dup	Total/NA	Solid	8260B	119371
LCSD 720-119371/5-A	Lab Control Sample Dup	Total/NA	Solid	8260B	119371
MB 720-119371/1-A	Method Blank	Total/NA	Solid	8260B	119371

Prep Batch: 119371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-44026-7	SB11-EXC-N-3.5'	Total/NA	Solid	5030B	
LCS 720-119371/2-A	Lab Control Sample	Total/NA	Solid	5030B	
LCS 720-119371/4-A	Lab Control Sample	Total/NA	Solid	5030B	
LCSD 720-119371/3-A	Lab Control Sample Dup	Total/NA	Solid	5030B	
LCSD 720-119371/5-A	Lab Control Sample Dup	Total/NA	Solid	5030B	
MB 720-119371/1-A	Method Blank	Total/NA	Solid	5030B	

QC Association Summary

Client: Stantec Consulting Corp.
 Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

GC Semi VOA

Prep Batch: 119350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-44026-5	SB11-EXC-B-5'	Silica Gel Cleanup	Solid	3546	
720-44026-5 MS	SB11-EXC-B-5'	Silica Gel Cleanup	Solid	3546	
720-44026-5 MSD	SB11-EXC-B-5'	Silica Gel Cleanup	Solid	3546	
720-44026-6	SB11-EXC-W-3.5'	Silica Gel Cleanup	Solid	3546	
720-44026-7	SB11-EXC-N-3.5'	Silica Gel Cleanup	Solid	3546	
720-44026-8	SB11-EXC-E-3.5'	Silica Gel Cleanup	Solid	3546	
720-44026-9	SB11-EXC-S-3.5'	Silica Gel Cleanup	Solid	3546	
LCS 720-119350/2-A	Lab Control Sample	Silica Gel Cleanup	Solid	3546	
LCSD 720-119350/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Solid	3546	
MB 720-119350/1-A	Method Blank	Silica Gel Cleanup	Solid	3546	

Analysis Batch: 119362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-44026-5	SB11-EXC-B-5'	Silica Gel Cleanup	Solid	8015B	119350
720-44026-5 MS	SB11-EXC-B-5'	Silica Gel Cleanup	Solid	8015B	119350
720-44026-5 MSD	SB11-EXC-B-5'	Silica Gel Cleanup	Solid	8015B	119350
720-44026-6	SB11-EXC-W-3.5'	Silica Gel Cleanup	Solid	8015B	119350
720-44026-7	SB11-EXC-N-3.5'	Silica Gel Cleanup	Solid	8015B	119350
720-44026-8	SB11-EXC-E-3.5'	Silica Gel Cleanup	Solid	8015B	119350
720-44026-9	SB11-EXC-S-3.5'	Silica Gel Cleanup	Solid	8015B	119350
LCS 720-119350/2-A	Lab Control Sample	Silica Gel Cleanup	Solid	8015B	119350
LCSD 720-119350/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Solid	8015B	119350
MB 720-119350/1-A	Method Blank	Silica Gel Cleanup	Solid	8015B	119350

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Client Sample ID: SB6-EXC-W-10'

Lab Sample ID: 720-44026-1

Date Collected: 08/17/12 11:30

Matrix: Solid

Date Received: 08/17/12 14:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			119340	08/17/12 20:43	LL	TAL SF
Total/NA	Analysis	8260B		1	119325	08/17/12 22:41	BA	TAL SF

Client Sample ID: SB6-EXC-N-10'

Lab Sample ID: 720-44026-2

Date Collected: 08/17/12 11:40

Matrix: Solid

Date Received: 08/17/12 14:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			119340	08/17/12 20:43	LL	TAL SF
Total/NA	Analysis	8260B		1	119325	08/17/12 23:10	BA	TAL SF

Client Sample ID: SB6-EXC-S-10'

Lab Sample ID: 720-44026-3

Date Collected: 08/17/12 11:50

Matrix: Solid

Date Received: 08/17/12 14:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			119340	08/17/12 20:43	LL	TAL SF
Total/NA	Analysis	8260B		1	119325	08/17/12 23:39	BA	TAL SF

Client Sample ID: SB6-EXC-E-10'

Lab Sample ID: 720-44026-4

Date Collected: 08/17/12 12:00

Matrix: Solid

Date Received: 08/17/12 14:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			119340	08/17/12 20:43	LL	TAL SF
Total/NA	Analysis	8260B		1	119325	08/18/12 00:08	BA	TAL SF

Client Sample ID: SB11-EXC-B-5'

Lab Sample ID: 720-44026-5

Date Collected: 08/17/12 13:30

Matrix: Solid

Date Received: 08/17/12 14:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			119340	08/17/12 20:43	LL	TAL SF
Total/NA	Analysis	8260B		1	119325	08/18/12 00:37	BA	TAL SF
Silica Gel Cleanup	Prep	3546			119350	08/17/12 22:12	RU	TAL SF
Silica Gel Cleanup	Analysis	8015B		1	119362	08/18/12 14:51	DH	TAL SF

Client Sample ID: SB11-EXC-W-3.5'

Lab Sample ID: 720-44026-6

Date Collected: 08/17/12 13:30

Matrix: Solid

Date Received: 08/17/12 14:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			119340	08/17/12 20:43	LL	TAL SF
Total/NA	Analysis	8260B		1	119325	08/18/12 01:06	BA	TAL SF

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Client Sample ID: SB11-EXC-W-3.5'

Lab Sample ID: 720-44026-6

Date Collected: 08/17/12 13:30

Matrix: Solid

Date Received: 08/17/12 14:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Silica Gel Cleanup	Prep	3546			119350	08/17/12 22:12	RU	TAL SF
Silica Gel Cleanup	Analysis	8015B		1	119362	08/18/12 16:05	DH	TAL SF

Client Sample ID: SB11-EXC-N-3.5'

Lab Sample ID: 720-44026-7

Date Collected: 08/17/12 13:30

Matrix: Solid

Date Received: 08/17/12 14:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			119371	08/18/12 08:09	BA	TAL SF
Total/NA	Analysis	8260B		1	119354	08/18/12 15:29	AC	TAL SF
Silica Gel Cleanup	Prep	3546			119350	08/17/12 22:12	RU	TAL SF
Silica Gel Cleanup	Analysis	8015B		1	119362	08/18/12 16:30	DH	TAL SF

Client Sample ID: SB11-EXC-E-3.5'

Lab Sample ID: 720-44026-8

Date Collected: 08/17/12 13:30

Matrix: Solid

Date Received: 08/17/12 14:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			119340	08/17/12 20:43	LL	TAL SF
Total/NA	Analysis	8260B		1	119325	08/18/12 02:05	BA	TAL SF
Silica Gel Cleanup	Prep	3546			119350	08/17/12 22:12	RU	TAL SF
Silica Gel Cleanup	Analysis	8015B		1	119362	08/18/12 16:54	DH	TAL SF

Client Sample ID: SB11-EXC-S-3.5'

Lab Sample ID: 720-44026-9

Date Collected: 08/17/12 13:30

Matrix: Solid

Date Received: 08/17/12 14:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			119340	08/17/12 20:43	LL	TAL SF
Total/NA	Analysis	8260B		1	119325	08/18/12 02:34	BA	TAL SF
Silica Gel Cleanup	Prep	3546			119350	08/17/12 22:12	RU	TAL SF
Silica Gel Cleanup	Analysis	8015B		1	119362	08/18/12 17:19	DH	TAL SF

Laboratory References:

TAL SF = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Certification Summary

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Laboratory: TestAmerica Pleasanton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-14

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SF
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL SF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SF = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Stantec Consulting Corp.
Project/Site: PGE San Lorenzo

TestAmerica Job ID: 720-44026-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-44026-1	SB6-EXC-W-10'	Solid	08/17/12 11:30	08/17/12 14:55
720-44026-2	SB6-EXC-N-10'	Solid	08/17/12 11:40	08/17/12 14:55
720-44026-3	SB6-EXC-S-10'	Solid	08/17/12 11:50	08/17/12 14:55
720-44026-4	SB6-EXC-E-10'	Solid	08/17/12 12:00	08/17/12 14:55
720-44026-5	SB11-EXC-B-5'	Solid	08/17/12 13:30	08/17/12 14:55
720-44026-6	SB11-EXC-W-3.5'	Solid	08/17/12 13:30	08/17/12 14:55
720-44026-7	SB11-EXC-N-3.5'	Solid	08/17/12 13:30	08/17/12 14:55
720-44026-8	SB11-EXC-E-3.5'	Solid	08/17/12 13:30	08/17/12 14:55
720-44026-9	SB11-EXC-S-3.5'	Solid	08/17/12 13:30	08/17/12 14:55



24-HR TAT

Report To **Analysis Request**

Attn: <u>Craig Boehn</u>		TPH EPA 8260B <input checked="" type="checkbox"/> <input type="checkbox"/> Gas w/ <input type="checkbox"/> BTEX <input type="checkbox"/> MTBE TEPH EPA 8015M* <input checked="" type="checkbox"/> Silica Gel <input type="checkbox"/> Diesel <input type="checkbox"/> Motor Oil <input type="checkbox"/> Other _____ EPA 8260B: <input type="checkbox"/> Gas <input type="checkbox"/> BTEX <input type="checkbox"/> 5 Oxygenates <input type="checkbox"/> DCA, EDB <input type="checkbox"/> Ethanol (HVOCS) EPA 8021 by 8260B Volatile Organics GC/MS (VOCs) <input checked="" type="checkbox"/> EPA 8260B <input type="checkbox"/> 824 Semivolatiles GC/MS <input type="checkbox"/> EPA 8270 <input type="checkbox"/> 825 Oil and Grease <input type="checkbox"/> Petroleum (EPA 1664) <input type="checkbox"/> Total Pesticides <input type="checkbox"/> EPA 8081 <input type="checkbox"/> 608 <input type="checkbox"/> 608 PCBs PNAs by <input type="checkbox"/> 8270 <input type="checkbox"/> 8310 CAM17 Metals (EPA 6010/7470/7471) Metals: <input type="checkbox"/> Lead <input type="checkbox"/> LUFT <input type="checkbox"/> RCRA <input type="checkbox"/> Other: Low Level Metals by EPA 200.8/6020 (ICP-MS): <input type="checkbox"/> WET (STLC) <input type="checkbox"/> TCLP <input type="checkbox"/> Hex. Chrom. (Specify Method) <input type="checkbox"/> pH (24h hold time for H ₂ O) <input type="checkbox"/> Spec. Cond. <input type="checkbox"/> Alkalinity <input type="checkbox"/> TDS <input type="checkbox"/> TSS Anions: <input type="checkbox"/> Cl <input type="checkbox"/> SO ₄ <input type="checkbox"/> NO ₃ <input type="checkbox"/> F <input type="checkbox"/> Br <input type="checkbox"/> NO ₂ <input type="checkbox"/> PO ₄
Company: <u>Stantec</u>		
Address: <u>57 Lafayette</u>		
Phone: <u>925-291-9390</u>	Email: <u>greg.boehn@stantec.com</u>	
Bill To: <u>Lafayette</u>	Sampled By: <u>RCHUOP</u>	
Attn: <u>Alice Bryn</u>		

Sample ID	Date	Time	Mat	Preserv	TPH EPA 8260B	TEPH EPA 8015M*	EPA 8260B	(HVOCS) EPA 8021 by 8260B	Volatile Organics GC/MS (VOCs)	Semivolatiles GC/MS	Oil and Grease (EPA 1664)	Pesticides PCBs	PNAs by	CAM17 Metals	Metals	Low Level Metals (ICP-MS)	Hex. Chrom.	Spec. Cond.	TSS	Anions	Number of Containers	
SB6-EXC-W-10'	8/17/12	1130	soil	ice	X	X			X													1
SB6-EXC-N-10'	8/17/12	1140			X				X													1
SB6-EXC-S-10'	8/17/12	1150			X				X													1
SB6-EXC-E-10'	8/17/12	1200			X				X													1
SB11-EXC-B-5'		1330			X	X			X													1
SB11-EXC-W-35'					X	X			X													1
SB11-EXC-N-35'					X	X			X													1
SB11-EXC-E-35'					X	X			X													1
SB11-EXC-S-35'					X	X			X													1

RUSH

Project Info		Sample Receipt		1) Relinquished by:		2) Relinquished by:		3) Relinquished by:			
Project Name: <u>PGE San Lorenzo</u>	# of Containers: _____	Signature: <u>[Signature]</u>	Time: <u>1455</u>	Signature: _____	Time: _____	Signature: _____	Time: _____	Signature: _____	Time: _____		
Project#: <u>185702540</u>	Head Space: _____	Printed Name: <u>RCHUOP</u>	Date: <u>8/17/12</u>	Signature: _____	Time: _____	Signature: _____	Time: _____	Signature: _____	Time: _____		
PO#: _____	Temp: <u>11.8°C</u>	Company: <u>Stantec</u>	Company: _____	Signature: _____	Time: _____	Signature: _____	Time: _____	Signature: _____	Time: _____		
Credit Card#: _____	Conforms to record: _____	Company: _____	Company: _____	Signature: _____	Time: _____	Signature: _____	Time: _____	Signature: _____	Time: _____		
T A T	5 Day	3 Day	2 Day	1 Day	Other: _____	1) Received by:		2) Received by:		3) Received by:	
Report: <input type="checkbox"/> Routine <input type="checkbox"/> Level 3 <input type="checkbox"/> Level 4 <input type="checkbox"/> EDD <input type="checkbox"/> State Tank Fund EDF	Special Instructions / Comments: <input type="checkbox"/> Global ID _____	Signature: <u>[Signature]</u>	Time: <u>1455</u>	Signature: _____	Time: _____	Signature: _____	Time: _____	Signature: _____	Time: _____	Signature: _____	Time: _____
<u>One analysis for TPHg & VOCs</u>		Printed Name: <u>Mullen</u>	Date: <u>8-17-12</u>	Signature: _____	Time: _____	Signature: _____	Time: _____	Signature: _____	Time: _____	Signature: _____	Time: _____
** 24-HR TAT **		Company: <u>Test America</u>	Company: _____	Signature: _____	Time: _____	Signature: _____	Time: _____	Signature: _____	Time: _____	Signature: _____	Time: _____

See Terms and Conditions on reverse
 *TestAmerica SF reports 8015M from C₇-C₂₄ (industry norm). Default for 8015B is C₁₀-C₂₆

Login Sample Receipt Checklist

Client: Stantec Consulting Corp.

Job Number: 720-44026-1

Login Number: 44026

List Number: 1

Creator: Mullen, Joan

List Source: TestAmerica Pleasanton

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	False	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	



Stantec

REPORT OF SOIL EXCAVATION ACTIVITIES
997 Grant Avenue, San Lorenzo, CA

APPENDIX D

Disposal Documentation

Report of Soil Excavation Activities
Pacific Gas and Electric Company
L105N Property
997 Grant Avenue
San Lorenzo, California
Stantec PN: 185702540.200.0003
September 26, 2012

Requested Disposal Facility: 4204 Forward Inc. CA

Waste Profile #

Saveable fill-in form. Restricted printing until all required (yellow) fields are completed.

Sales Rep #:

I. Generator Information

Generator Name: PG&E SAN LORENZO PHASE II			
Generator Site Address: 997 Grant			
City: SAN LORENZO	County: ALAMEDA	State: California	Zip: 94580
State ID/Reg No:	State Approval/Waste Code:	(if applicable)	NAICS # :
Generator Mailing Address (if different): <input checked="" type="checkbox"/> 3401 Crow Canyon Rd, MS 176-C			
City: SAN RAMON	County: CONTRA COSTA	State: California	Zip: 94583
Generator Contact Name: ANNE CONNER		Email: APB1@PGE.COM	
Phone Number: (925) 415-6381	Ext:	Fax Number: (925) 415-6852	

Ila. Transporter Information

Transporter Name: PSC INDUSTRIAL		Contact Name: LEE SOARES	
Transporter Address: 1802 SHELTON DRIVE			
City: HOLLISTER	County: SAN BENITO	State: CA	Zip: 95046
Phone: (800) 321-1030	Fax:	State Transportation Number:	

Iib. Billing Information

Bill To: PACIFIC GAS & ELECTRIC COMPANY		Contact Name: ANNE CONNER	
Billing Address: 3401 CROW CANYON ROAD		Email: APB1@PGE.COM	
City: SAN RAMON	State: CA	Zip: 94583	Phone: (925) 415-6381

III. Waste Stream Information

Name of Waste: NON-HAZARDOUS SOIL	
Process Generating Waste: In order to obtain unrestricted land use clean closure, soil excavation to remove low level TPH in soil at 10 foot depth originally resulting from former UST.	
Type of Waste:	<input checked="" type="checkbox"/> INDUSTRIAL PROCESS WASTE <input type="checkbox"/> POLLUTION CONTROL WASTE
Physical State:	<input checked="" type="checkbox"/> SOLID <input type="checkbox"/> SEMI-SOLID <input type="checkbox"/> POWDER <input type="checkbox"/> LIQUID
Method of Shipment:	<input checked="" type="checkbox"/> BULK <input type="checkbox"/> DRUM <input type="checkbox"/> BAGGED <input type="checkbox"/> OTHER:
Estimated Annual Volume:	20 Tons
Frequency:	<input checked="" type="checkbox"/> ONE TIME <input type="checkbox"/> ANNUAL
Disposal Consideration:	<input checked="" type="checkbox"/> LANDFILL <input type="checkbox"/> SOLIDIFICATION <input type="checkbox"/> BIOREMEDIATION

IV. Representative Sample Certification

NO SAMPLE TAKEN

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent rules?	<input checked="" type="checkbox"/> YES or <input type="checkbox"/> NO
Sample Date: 5/25/2011	Type of Sample: <input checked="" type="checkbox"/> COMPOSITE SAMPLE <input type="checkbox"/> GRAB SAMPLE
Sample ID Numbers: 11-05-1797	

Waste Profile #

V. Physical Characteristics of Waste

Characteristic Components		% by Weight (range)			
1. SOIL		100.000			
2.					
3.					
4.					
5.					
Color	Odor (describe)	Does Waste Contain Free Liquids?	% Solids	pH:	Flash Point
BROWN	NONE	<input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO	100.00	N/A	N/A °F

Attach Laboratory Analytical Report (and/or Material Safety Data Sheet) Including Chain of Custody and Required Parameters Provided for this Profile


Does this waste or generating process contain regulated concentrations of the following Pesticides and/or Herbicides: Chlordane, Endrin, Heptachlor (and it epoxides), Lindane, Methoxychlor, Toxaphene, 2,4-D, or 2,4,5-TP Silvex as defined in 40 CFR 261.33?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain reactive sulfides (greater than 500 ppm) or reactive cyanide (greater than 250 ppm)[reference 40 CFR 261.23(a)(5)]?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain regulated concentrations of Polychlorinated Biphenyls (PCBs) as defined in 40 CFR Part 761?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain concentrations of listed hazardous wastes defined in 40 CFR 261.31, 261.32, 261.33, including RCRA F-Listed Solvents?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste exhibit a Hazardous Characteristic as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain regulated concentrations of 2,3,7,8-Tetrachlorodibenzodioxin (2,3,7,8-TCDD), or any other dioxin as defined in 40 CFR 261.31?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this a regulated Radioactive Waste as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this a regulated Medical or Infectious Waste as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste a reactive or heat generating waste?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does the waste contain sulfur or sulfur by-products?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste generated at a Federal Superfund Clean Up Site?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste from a TSD facility, TSD like facility or consolidator?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No

VI. Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the waste material being offered for disposal and all known or suspected hazards have been disclosed. All Analytical Results/Material Safety Data Sheets submitted are truthful and complete and are representative of the waste.

I further certify that by utilizing this profile, neither myself nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. I shall immediately give written notice of any change or condition pertaining to the waste not provided herein. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue.

I further certify that the company has not altered the form or content of this profile sheet as provided by Republic Services Inc.

ERICH NOLAN, EH&S MANAGER <hr/> Authorized Representative Name And Title (Type or Print)	PACIFIC GAS & ELECTRIC COMPANY <hr/> Company Name
 <hr/> Authorized Representative Signature	04/26/2012 <hr/> Date

663910



FORWARD INCORPORATED

9999 South Austin Road/WEIGHING LOCATION
Manteca, CA 95336
Landfill: (209) 982-4298/WEIGHING LOCATION
Resource Recovery: (209) 982-4298

1145 W. Charterway
Stockton, CA 95206
Main Office: (209) 466-4482
Fax: (209) 465-0631

ERRG
CHRIS MAI
4585 PACHECO BLVD. STE. 200
MARTINEZ, CA 94553
Contract# 4204127211

SITE	TICKET	GRID
78	291767	
WEIGHMASTER BB00078 BRIDGETTE B		
DATE IN	TIME IN	
24 August 2012	1:12 pm	
DATE OUT	TIME OUT	
24 August 2012	1:27 pm	
VEHICLE	ROLL OFF	
EKAM 1011		
REFERENCE	ORIGIN	
		SAN LORENZO

01 Gross Weight 68,280.00 lb Inbound -
Tare Weight 31,000.00 lb
Net Weight 37,280.00 lb 18.64 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
18.64	TN	SW-BENEFICIAL REUSE				
1.00	LD	ENVIRONMENTAL FEE				
1.00	LD	FUEL RECOVERY FEE				

MANIFEST# NOEN



ALLIED WASTE SERVICES

A REPUBLIC SERVICES COMPANY

DRIVER SIGNATURE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

NS-33

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of
3. Generator's Name and Mailing Address		PG+E 3401 Cow Canyon Rd San Ramon, CA 94583		
4. Generator's Phone		(925) 415-6381		
5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone		
Den Beste Transportation		(707) 838-1407		
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone		
9. Designated Facility Name and Site Address		10. US EPA ID Number		C. Facility's Phone
Allied Waste Co. 9999 S. Austin Rd. Manteca CA 95336				(209) 982-4298
11. Waste Shipping Name and Description			12. Containers No.	13. Total Quantity
a. Non-hazardous soil				18
b. ACC# 10391 ER29				4
c.				
d.				
D. Additional Descriptions for Materials Listed Above			E. Handling Codes for Wastes Listed Above	
Profile # 4204 12 7211				
15. Special Handling Instructions and Additional Information				
Site Address: 997 Grant Ave San Lorenzo, CA 94580				
16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.				
Printed/Typed Name		Signature		Month Day Year
Greg Hoehn (authorized agent for PG+E)		Greg Hoehn		08 24 12
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Month Day Year
Printed/Typed Name		Signature		Month Day Year
VARWIN TANETA		[Signature]		
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month Day Year
Printed/Typed Name		Signature		Month Day Year
		[Signature]		
19. Discrepancy Indication Space				
20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.				
Printed/Typed Name		Signature		Month Day Year
[Signature]		[Signature]		08 24 12

GENERATOR

TRANSPORTER

FACILITY