Pacific Gas and Electric Company

Environmental Remediation
3400 Crow Canyon Road
San Ramon, CA 94583

April 18, 2008

Mr. Jerry Wickham
Alameda County Environmental Health Department
Division of Environmental Protection
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502

Subject: Transmittal of *Additional Investigation Report, PG&E Oakland General Construction Yard, 4930 Coliseum Way, Oakland, California*

Dear Mr. Wickham:

Attached is the *Additional Investigation Report, PG&E Oakland General Construction Yard, 4930 Coliseum Way, Oakland, California*, prepared by Geomatrix Consultants, Inc and dated April 18, 2008.

PG&E understands that Alameda County Environmental Health (ACEH) considers the PG&E property and the three properties located adjacent to the PG&E property (the former Superior Plasters property, the former AAA property, and the Leaner property) to be responsible for the release that resulted in soil and groundwater impacted by chlorobenzenes on all four properties. Therefore, ACEH requested that the responsible parties for each of the four properties evaluate the source and extent of the impacts to groundwater from the chlorobenzenes. The report presents the results of the soil and groundwater investigation performed on the PG&E property. The soil and groundwater investigation on the PG&E property also included further evaluation of soil and groundwater impacts in the areas of PG&E's former Diesel UST and former waste oil UST cluster.

Based on the results of this investigation, and previous investigations, it appears that the chlorobenzenes detected in soil and groundwater at the PG&E property are most likely from an upgradient source. It also appears that further assessment of PG&E's former Diesel UST area is not warranted, further investigation of PCBs and PAHs in the area of PG&E's former waste oil UST cluster is not warranted, and the extent of TPHd and TPHmo impacts on the PG&E property in the area of former waste oil UST cluster appears limited and adequately defined.

PG&E will evaluate the data collected during this investigation with the data collected during the investigations on the former Superior Plasters property, the former AAA property, and the Leaner property. Following the evaluation of this data, PG&E will request a meeting with ACEH and the responsible parties for the former Superior Plasters property, the former AAA property, and the Leaner property to discuss the results of the investigations and the appropriate actions to be taken by the various responsible parties.

Please contact me at 925.866.5888 or r4sw@pge.com if you have any questions.

Sincerely,

Robert Saur

Robert Saur
Environmental Geologist

Additional Investigation Report

PG&E Oakland General Construction Yard

4930 Coliseum Way

Oakland, California

Prepared for:

Pacific Gas and Electric Company
3400 Crow Canyon Road
San Ramon, California 94583

April 2008

Project No. 13045.007.A

Geomatrix

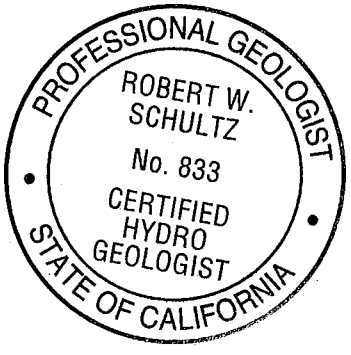
ADDITIONAL INVESTIGATION REPORT
PG&E Oakland General Construction Yard
4930 Coliseum Way
Oakland, California

April 18, 2008
Project 13045.007.A

This report was prepared by the staff of Geomatrix Consultants, Inc., under the supervision of the geologists whose seals and signatures appear hereon.

The findings, recommendations, specifications, or professional opinions are presented within the limits described by the client, in accordance with generally accepted professional engineering and geologic practice. No warranty is expressed or implied.

Jonathan M. Skaggs, PG #7823
Project Geologist



Robert W. Schultz, CHG #833
Senior Geologist

Additional Investigation Report

PG&E Oakland General Construction Yard

4930 Coliseum Way

Oakland, California

Prepared for:

Pacific Gas and Electric Company
3400 Crow Canyon Road
San Ramon, California 94583

Prepared by:

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April 2008

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Geomatrix

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4930 Coliseum Way
Oakland, California

1.0 INTRODUCTION

On behalf of the Pacific Gas and Electric Company (PG&E), Geomatrix Consultants, Inc. (Geomatrix), prepared this additional investigation report for the PG&E Oakland General Construction Yard (the site), located at 4930 Coliseum Way in Oakland, California (Figures 1 and 2). This report summarizes the investigation work conducted between January 22 and March 12, 2008, and the previous work conducted relative to the former diesel underground storage tank (UST) and the former UST cluster at the PG&E site. This investigation was conducted in accordance with the November 16, 2007, *Additional Investigation Work Plan* (Geomatrix, 2007), approved by the Alameda County Department of Environmental Health (ACEH), with additional analytical requests in its November 30, 2007, letter to PG&E and the its December 13, 2007 E-mail to Geomatrix (Appendix A).

1.1 OBJECTIVES

The objectives of the additional investigation were the following:

1. Further define the total petroleum hydrocarbons quantified as diesel (TPHd), total petroleum hydrocarbons quantified as motor oil (TPHmo) and chlorobenzenes (including chlorobenzene, 1,2-dichlorobenzene [1,2-DCB], 1,3-dichlorobenzene [1,3-DCB], and 1,4-dichlorobenzene [1,4-DCB]) impacts to groundwater in the northern portion of the PG&E site.

2. Further assess the potential for chlorobenzenes to be in shallow soil in the northern portion of the PG&E site.

3. Assess the presence of polynuclear aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), and metals in soil in the vicinity of the former UST cluster.

4. Further assess the potential presence of TPHd and TPHmo in soil in the vicinity of the former diesel UST and UST cluster.

1.2 SCOPE OF WORK

This investigation consisted of advancing borings at nine locations (SB-23 through SB-31; Figures 2 through 4) to collect soil and groundwater samples at the PG&E site. A sampling summary table is included on Table 1. The rationale and location for each of the sampling locations is presented below:

- Boring SB-23 was advanced in the western corner of the PG&E site, near the former diesel UST. The primary rationale for this boring was to further assess the presence of TPHd and TPHmo in soil adjacent to and immediately downgradient of the former diesel UST excavation. Previously, confirmation samples were collected beneath the water table during UST removal. The secondary rationale for this boring was to assess the potential presence of chlorobenzenes in shallow soil in this area.

- Boring SB-24 was advanced along the northwestern boundary of the PG&E site and south of the former Superior Plaster Castings. The rationale for this boring was to assess the presence of TPHd, TPHmo, and chlorobenzenes in shallow soil and groundwater downgradient of the former Superior Plaster Castings property.

- Boring SB-25 was advanced in the northern portion of the PG&E site, just southwest of the limits of the former UST cluster excavation. The primary rationale for this boring was to assess the presence of TPHd, TPHmo, and chlorobenzenes in groundwater in the northern portion of the PG&E site. The secondary rationale for this boring was to assess the potential presence of chlorobenzenes, PAHs, PCBs, and metals in soil outside of the limits of the former UST cluster excavation.

- Borings SB-26, SB-27, and SB-28 were advanced in the northern corner of the PG&E site, inside the limits of the former UST cluster excavation boundary. The rationale for these borings was to further investigate TPHd, TPHmo, and chlorobenzenes in groundwater downgradient of the former Superior Plaster Castings property and the former AAA property. The secondary rationale for borings SB-26 and SB-28 was to assess the potential presence of PAHs, PCBs, and metals beneath the former UST cluster excavation.

- Boring SB-29 was advanced south of the limits of the former UST cluster excavation on the PG&E site. The primary rationale for this boring was to investigate TPHd, TPHmo, and chlorobenzenes in groundwater downgradient of well OW-7. The secondary rationale for this boring was to assess the potential presence of chlorobenzenes, PAHs, PCBs, and metals in soil outside of the limits of the former UST cluster excavation.

- Boring SB-30 was advanced in the northern corner of the PG&E site. The primary rationale for this boring was to investigate TPHd, TPHmo, and chlorobenzenes in groundwater further downgradient of well OW-7. The secondary rationale for this boring was to assess the potential presence of chlorobenzenes in soil at this location.

- Boring SB-31 was advanced in the northern corner of the PG&E site, near the boundaries of the former Superior Plaster Castings and former AAA properties. The rationale for this boring was investigate TPHd, TPHmo, and chlorobenzenes in groundwater downgradient of the former Superior Plaster Castings property and the former AAA property.

In ACEH's November 30, 2007, letter to PG&E and in a December 13, 2007, e-mail to Geomatrix, ACEH requested that select soil and groundwater samples be analyzed for TPHd, TPHmo, Title 22 metals, PCBs, and volatile organic compounds (VOCs). This letter is included as Appendix A.

2.0 BACKGROUND

The site history, regional geology and hydrogeology; site lithology and hydrogeology; previous environmental investigations performed at the PG&E site; and chlorobenzenes findings at the PG&E and surrounding sites are summarized below.

2.1 SITE HISTORY

The PG&E site has been used by PG&E as a natural gas distribution center and equipment storage facility from at least the late 1930s until 1990, when a former natural gas aboveground storage tank (AST) was removed. Since 1990, the PG&E site has been used as an equipment and vehicle storage facility (PG&E, 1988). Five underground storage tanks were formerly present at the PG&E site. Four USTs were in a cluster located in the north corner of the PG&E site, and the fifth (a 1,000-gallon diesel UST) was located near the west corner of the PG&E site (Figure 2). Sampling results indicated that of the four tanks in the former UST cluster, two contained mineral spirits, one contained lubrication oil, and one contained heavy oil. The former UST cluster is also thought to have been used to store waste oils (PG&E, 1988). For the purposes of this report, the former UST cluster will be referred to as the "former waste oil UST cluster." Known historical use indicated, and sampling results confirmed, that the fifth UST contained diesel fuel.

2.2 REGIONAL GEOLOGY AND HYDROGEOLOGY

The PG&E site and the surrounding region are located on the East Bay Plain, which is the eastern flank of a broad bedrock depression centered on San Francisco Bay. In the vicinity of the PG&E site, the subsurface sediments consist of a thick sequence of alluvial fan deposits (300 to 700 feet thick; Water Board, 1999). The U.S. Geological Survey geologic map of the region indicates that the PG&E site and the area to the east are underlain by Holocene alluvial

fan and fluvial deposits (Graymer, 2000). Holocene streams drained the East Bay Hills and deposited sands and gravels in stream channels that flowed toward the bay. As the stream channels meandered, sands and gravels were deposited unevenly across the active alluvial plain. Finer-grained sands, silts, and clays were deposited between active stream channels. These processes produced a complexly interbedded sequence of interfingering gravels, sand, silts, and clays more than 1,000 feet thick (Helley and Lajoie, 1979). Along the San Francisco Bay margin, the alluvial deposits are interfingered with marine sediments. The PG&E site is located just to the east of historical artificial fill used to reclaim land along the San Francisco Bay margin. Major water-bearing units within the East Bay Plain include the early Pleistocene Santa Clara Formation, the late Pleistocene Alameda Formation, the Holocene Temescal Formation, and artificial fill (CDWR, 2003).

2.3 SITE LITHOLOGY AND HYDROGEOLOGY

The PG&E site is located approximately 1/4 mile east of the margin of San Leandro Bay, on a plain gently sloping toward San Francisco Bay. Based on lithologic logs developed by others from investigations at the PG&E site, the uppermost portion of the subsurface at the PG&E site is underlain by interbedded deposits of clays, sands, and gravels by approximately 19 feet below ground surface (bgs), the maximum depth drilled. Based on depth-to-groundwater measurements collected during historical groundwater monitoring events between 1988 and 2005, groundwater ranged between approximately 3.5 and 8 feet bgs at the PG&E site, and groundwater flow direction has generally been to the south (CSS, 2005). Based on depth-to-groundwater measurements collected during the most recent sampling event, which took place on November 6, 2007, the groundwater gradient and flow direction was 0.003 to the south (ITSI, 2007; Appendix B). PG&E site groundwater monitoring well construction logs are included in Appendix B.

2.4 PREVIOUS ENVIRONMENTAL SITE INVESTIGATIONS AT THE PG&E SITE

The following summarizes previous environmental activities associated with the PG&E site. Historical soil sampling locations pertaining to the USTs are shown on Figure 5, and analytical data are included in Tables 2 through 5.

- **February 1987—**Soil borings were advanced and soil and groundwater samples were collected in the vicinity of the former waste oil UST cluster and the diesel UST (PG&E, 1987a). Petroleum hydrocarbons and benzene, toluene, ethylbenzene, and xylenes (collectively known as BTEX) were detected in soil and groundwater in the vicinity of the former waste oil UST cluster. No petroleum hydrocarbons were detected in soil or groundwater in the vicinity of the former diesel UST.

- **December 1987—**Samples of the contents of five USTs were collected and analyzed (the four USTs in the former waste oil UST cluster and the former diesel UST (PG&E, 1987b). At that time, the results indicated that of the four tanks in the former waste oil UST cluster, two contained mineral spirits, one contained lubrication oil, and one contained heavy oil. The sample collected from the former diesel UST indicated that diesel was present in this UST.

- **January 1988—**The former waste oil UST cluster and associated piping were removed from the northern portion of the PG&E site, and the diesel UST and associated piping was removed from the western portion of the PG&E site (Figure 2) (PG&E, 1988). Petroleum hydrocarbons were detected in soil and in an excavation groundwater sample collected from the former waste oil UST cluster excavation; however, petroleum hydrocarbons were not detected in the excavation soil sample collected from the former diesel UST excavation.

- **March and April 1988—**Groundwater monitoring wells OW-1 through OW-4 were installed to monitor groundwater elevations and assess the potential presence of dissolved petroleum hydrocarbon concentrations in groundwater (PG&E, 1988). In addition, soil borings were advanced in the vicinities of the former waste oil UST cluster and the former diesel UST. Based on groundwater elevation measurements from wells OW-1 through OW-4, groundwater flow direction is interpreted to be to the south-southwest. Analytical results from soil samples and soil borings indicated that petroleum hydrocarbons were present in the soil in the vicinity of the former waste oil UST cluster and that soil in the vicinity of the former diesel UST had not been impacted by petroleum hydrocarbons.

- **May 1990—**The natural gas holder was removed from the central portion of the PG&E site. Following demolition of the former natural gas AST, paint chips were reported to have been observed in shallow soil in the vicinity of the former natural gas AST (CSS, 2005).

- **April 1991—**Groundwater monitoring well OW-5 was installed along the northeast property line. A groundwater sample was collected from well OW-5 on April 17, 1991. Chlorobenzenes were not detected; however, petroleum hydrocarbons and other CVOCs were detected (CSS, 2005).

- **November and December 1991—**Approximately 2,000 cubic yards of soil were excavated to a depth of between approximately 4 and 9 feet bgs as a remedial action for the petroleum hydrocarbons identified in the soil in the vicinity of the former waste oil UST cluster (Appendix C). Groundwater monitoring wells OW-6 and OW-7 were installed and well OW-3 was destroyed to allow for the excavation (Aqua, 1992). Petroleum hydrocarbon-impacted soil was removed to below cleanup levels up to the PG&E site property boundaries.

- **September and October 1992**—An asphaltic concrete cap was constructed above lead-affected surface soil in the vicinity of the former natural gas AST. The purpose

of the asphaltic concrete cap was to limit potential exposure to lead-affected soil and to limit groundwater infiltration in the lead-affected soil area. Lead from lead-based paint chips, generated from sandblasting of the former natural gas AST, was found in shallow soil samples collected from this area (CSS, 2005).

- **February 1993—**Groundwater monitoring well OW-8 was installed in the southern area of the yard near the location of the former natural gas AST to assess whether lead was present in groundwater at the PG&E site (ACFCWCD, 1993). Lead has not been detected in groundwater samples since June 1997, when lead was detected in a sample collected from well OW-5 at a concentration of 5 micrograms per liter (µg/L).

- **July 1994 to present—**Since 1994, PG&E has performed semiannual groundwater monitoring at the PG&E site. A figure showing the groundwater analytical results from the November 2007 groundwater sampling event conducted at the PG&E site is included as Appendix B (ITSI, 2007).

2.5 PREVIOUS CHLOROBENZENES RESULTS AT THE PG&E AND ADJACENT SITES

Historical chlorobenzenes concentrations in groundwater at the PG&E site, the former Superior Plaster Casting property, and the former AAA property are shown on Figure 6. In October 1998 chlorobenzenes were detected in a groundwater sample collected from well WCC-1A at the former Superior Plaster Castings property; chlorobenzene was detected at 220 µg/L, 1,2-DCB was detected at 56 µg/L, 1,3-DCB was detected at 900 µg/L, and 1,4-DCB was detected at 1,500 µg/L (ATC, 1998). During the October 1998 groundwater sampling event at the PG&E site, chlorobenzenes were detected at lower concentrations in groundwater monitoring wells OW-6 and OW-7, which are located closest to the upgradient former Superior Plaster Castings site (Figure 6; CSS, 2005). During the November 2007 groundwater sampling event at the PG&E site, the highest concentrations of chlorobenzenes were detected in well OW-7; chlorobenzene was detected at 70 µg/L, 1,2-DCB was detected at16 µg/L, 1,3-DCB was detected at 130 µg/L, and 1,4-DCB was detected at 460 µg/L (ITSI, 2007).

3.0 FIELD INVESTIGATION

The field investigation was conducted in two mobilizations. During the first mobilization, borings were advanced at nine locations on the PG&E site (Figure 2) between January 22 and February 8, 2008, to collect groundwater and/or soil samples for chemical analysis. During the second mobilization on March 12, 2008, soil samples were collected at two locations. The following sections describe the pre-field activities, soil sampling activities, groundwater sampling activities, and the analytical program.

3.1 PRE-FIELD ACTIVITIES

Prior to initiating field activities, Geomatrix:

- obtained a soil boring permit from the Alameda County Public Works Agency;
- updated the site-specific health and safety plan;
- marked boring locations and notifying Underground Service Alert, a regional subsurface utility notification service; and
- subcontracted with a private underground utility locator, Sierra Nevada GSI of Grass Valley, California, to assess the proposed boring locations for the presence of subsurface utilities.

3.2 SOIL SAMPLING ACTIVITIES

A continuous core was collected from each boring location using a dual-tube sampling system, except where soil could not be recovered during drilling. A lithologic log was prepared for each boring by a Geomatrix field geologist using visual-manual procedures of the American Society for Testing and Materials (ASTM) Standard D2488-00, which is based on the Unified Soil Classification System. Select intervals were screened for volatile organic vapors with a photoionization detector (PID). Soil boring logs, which include PID readings, are presented in Appendix D.

Soil samples were collected from each boring for analysis (Table 1). Soil samples for volatile organic compound (VOC) analysis were collected in accordance with U.S. Environmental Protection Agency (U. S. EPA) field preservation Method 5035 by pushing a new, disposable soil sampling syringe into the soil core and then extruding a sample of approximately 5 grams into two laboratory-prepared volatile organic analysis (VOA) vials preserved with sodium bisulfate and one laboratory-prepared VOA vial preserved with methanol. Soil samples for all other analyses were collected in 1 3/8-inch-diameter butyrate liners cut to approximately 6-inch lengths. Sample containers were sealed with Teflon® sheets, plastic end caps, and silicone tape; sealed in plastic bags; and placed in coolers with ice prior to delivery to the analytical laboratory under Geomatrix chain-of-custody (COC) procedures. All soil samples were labeled with unique sample identifiers designating the locations and depths (e.g., SB-29-9.0 for location SB-29 from between 8.5 and 9.0 feet bgs).

Upon receiving analytical data from the initial phase of the investigation, Geomatrix remobilized to the PG&E site on March 12, 2008, to collect additional shallow soil samples for

VOC analysis at locations SB-25 and SB-29 using a hand auger and slide hammer. It should be noted that shallow soil was not collected above the initial soil sample collected at boring SB-26 from a depth of 9.5 feet bgs because soil was excavated to a depth of 9 feet bgs in 1991 (Aqua, 1992).

Prior to and between coring and sampling at each borehole, non-dedicated downhole equipment was cleaned using high-pressure steam. Following sample collection, the boreholes were backfilled with Portland neat cement grout placed from total depth to ground surface.

3.3 GROUNDWATER SAMPLING ACTIVITIES

Groundwater samples were collected from select borings for analysis (Table 1). Depth-discrete groundwater samples were collected from each of the boring locations through a dual-tube sampler. All groundwater sampling points were constructed by placing 5 feet of Schedule 40 polyvinyl chloride (PVC), 0.010-inch, factory-slotted well screen and an appropriate length of Schedule 40 PVC blank riser down the borehole; the drive casing was then partially retracted to expose the screen to the desired sampling interval. Low recharge conditions necessitated allowing the groundwater sampling tools to remain in the borehole overnight to accumulate adequate groundwater for sampling at locations SB-25, SB-28, SB-29 (11 to 16 feet bgs interval only), and SB-30.

Grab groundwater samples were collected using a peristaltic pump fitted with new, disposable polyethylene and silicone tubing at each boring location. Samples were decanted directly into laboratory-supplied sample bottles. All depth-discrete groundwater samples were labeled appropriately and placed in ice-filled coolers, prior to delivery under Geomatrix COC procedures to Creek Environmental Laboratories, Inc. (Creek), a State of California-certified laboratory located in San Louis Obispo, California.

3.4 ANALYTICAL PROGRAM

Geomatrix submitted the soil and groundwater samples to Creek, under proper COC procedures. Table 1 summarizes the soil and groundwater analytical program. VOCs were analyzed using U. S. EPA Method 8260; TPHd and TPHmo were analyzed using U. S. EPA Method 8015M with silica gel cleanup, total petroleum hydrocarbons quantified as gas (TPHg) were analyzed by U. S. EPA Method 8015, PAHs were analyzed by U. S. EPA Method 8270 SIM; PCBs were analyzed by U. S. EPA Method 8082; and Title 22 metals were analyzed by U. S. EPA Method 6020 and 7471.

4.0 RESULTS

The findings of the investigation described in Section 3.0 are summarized below.

4.1 LITHOLOGY

Site lithologic conditions are shown on cross sections (Figures 2 through 4). Consistent with previous investigations at the PG&E site, Geomatrix observed unconsolidated alluvial sediments with grain sizes ranging from clays to gravels. Soil observed outside of the former excavation consisted of lean clays and clayey sands from ground surface and 37 feet bgs, the maximum depth drilled (boring SB-29). A continuous clay unit was observed in the two deeper soil borings (borings SB-29 and SB-30) between approximately 14 and 33 feet bgs (Figure 4). Lithology is presented on the boring logs in Appendix D.

4.2 ANALYTICAL RESULTS

The analyses performed on each sample are summarized in Table and the analytical results for soil and groundwater samples collected during this investigation are summarized in Tables 2 through 6. Cross sections with TPH and VOC soil and groundwater analytical data are shown on Figures 2 through 4. Analytical laboratory reports and COC forms are provided in Appendix E.

4.2.1 Soil Analytical Results

As stated above, soil samples were collected from boring locations SB-24 through SB-31. Select soil samples were analyzed for TPHg, TPHd, TPHmo, VOCs, PAHs, PCBs, and metals.

TPHg was not detected in the one soil sample analyzed for that analyte. TPHd and TPHmo were detected in one soil sample at concentrations of 390 and 320 milligrams per kilogram (mg/kg), respectively. TPH results for soil are included in Table 2.

VOCs were detected in 3 of the 11 samples analyzed (Table 3). VOC detections included the following:

- Chlorobenzene was detected in one sample collected at a concentration of 0.021 mg/kg.
- 1,3-dichlorobenzene was detected in one sample at a concentration of 0.10 mg/kg.
- 1,4-dichlorobenzene was detected in three samples collected at concentrations ranging between 0.013 and 0.24 mg/kg.

PAHs and PCBs were not detected in the four samples analyzed.

Three samples were analyzed for metals. Metals detections are summarized in Table 4.

4.2.2 Groundwater Analytical Results

Groundwater samples were collected from first-encountered groundwater at boring locations SB-24 through SB-31, and groundwater was collected from the next deeper water-bearing zone at locations SB-29 and SB-30. All groundwater samples were analyzed for TPHg, TPHd, TPHmo, and VOCs.

TPHg was not detected in any groundwater samples collected. TPHd was detected in groundwater samples collected from boring locations SB-24 and SB-28 at concentrations of 620 and 270 micrograms per liter (µg/L), respectively. TPHmo was detected in groundwater samples collected from boring locations SB-24 and SB-31 at concentrations of 1,900 and 320 µg/L, respectively.

VOCs were detected in 8 of the 10 primary samples analyzed (Table 6). VOC detections included the following:

- Benzene was detected in one sample at a concentration of 0.6 µg/L.
- Chlorobenzene was detected in two samples at concentrations of 62 and 64 µg/L.
- Chloroethane was detected in one sample at a concentration of 2.4 µg/L.
- 1,3-DCB was detected in two samples at concentrations of 52 and 57 µg/L.
- 1,4-DCB was detected in two samples at concentrations of 200 and 210 µg/L.
- 1,1-dichloroethane (1,1-DCA) was detected in two samples at concentrations of 34 and 37 µg/L,
- 1,2-dichloroethane (1,2-DCA) was detected in five samples at concentrations ranging between 1.9 and 3.5 µg/L.
- 1,1-dichloroethene (1,1-DCE) was detected in two samples at concentrations of 44 and 52 µg/L.
- Isopropylbenzene was detected in one sample at a concentration of 1.5 µg/L.
- Vinyl chloride was detected in two samples at concentrations of 4.1 and 53 µg/L.

4.2.3 Quality Assurance and Quality Control (QA/QC)

Geomatrix and Creek followed specific QA/QC procedures during the investigation. All soil and groundwater samples collected during the investigation were analyzed within required holding times. During the investigation activities, Geomatrix collected a blind duplicate groundwater sample from SB-26 identified as SB-33 A summary of the laboratory and field QA/QC procedures is presented below.

The laboratory data generated during this investigation were subjected to a data completeness check of each data package, a transcription check for sample results, and a review of all laboratory reporting forms. QA/QC procedures included laboratory quality control sample/laboratory control sample duplicate (LCS/LCSD) and matrix spike/matrix spike duplicate (MS/MSD) samples. The data review (completeness, precision check, and hold time) was conducted in accordance with U.S. EPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (U.S. EPA, 1999) and U.S. EPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (U.S. EPA, 2004). Based on the QA/QC review, the data are complete and usable.

5.0 DISCUSSION

The results of this and the previous site investigations are discussed below.

5.1 TPH, PCBs, PAHs and Metals Near the Former Waste Oil UST Cluster and Northern PG&E Site Boundary

An excavation in 1991 removed TPH-impacted soil from the former waste oil UST area on the PG&E site. TPHd and oil and grease detections in confirmation samples collected from the excavation sidewalls and bottom on the PG&E site were below the cleanup levels of 100 mg/kg for TPHd and 1,000 mg/kg for oil and grease (Aqua, 1992). PG&E's excavation extended to the property boundary, and soil on the former Superior Plaster Castings and AAA properties was not excavated. Samples collected from the property boundary excavation sidewalls contained concentrations of TPH that exceeded the cleanup goals (Table 2 and Appendix C).

During the subject investigation, additional soil samples were collected from the former excavation bottom and sidewalls. Sampling detected diesel and motor oil-range petroleum hydrocarbons in soil beneath the former waste oil UST excavation at concentrations above the 1991 excavation cleanup level. The sampling also detected TPHd and TPHmo in groundwater beneath the PG&E site, immediately downgradient of the former Superior Plaster Casting and AAA properties.

TPHd and TPHmo were detected in the shallow groundwater sample collected from SB-24. Because motor oil-range petroleum hydrocarbons are not readily water soluble, the TPHmo detection in groundwater is not likely representative of actual groundwater conditions, but may be due to the presence of motor oil-range hydrocarbons that have sorbed to soil particles, and that may have been subsequently entrained in the groundwater sample during collection (Zemo and Foote, 2003). Because the closest former waste oil UST excavation sidewall sample (approximately 100 feet to the northeast of SB-24) was below cleanup levels, these TPH detections are likely not related to the former waste oil UST cluster. Further, no TPH was detected in the soil sample collected at 3.0 feet bgs from boring SB-24.

PCBs were previously detected in one sample collected at historical sample location SB-9 at a depth of 1.5 feet bgs (Aqua, 1991; see Figure 7). This sampling location was subsequently excavated in 1991. During this investigation, PCBs were not detected in samples collected in the vicinity of and beneath the former waste oil UST cluster. Based on this and previous investigations at the former waste oil UST cluster, no further investigation of PCBs appears warranted.

PAHs were not previously analyzed for in soil during historical sampling activities at the PG&E site. During this investigation, no PAHs were detected in samples collected in the vicinity of and beneath the former waste oil UST cluster. Based on this and previous investigations at the former waste oil UST cluster, no further investigation of PAHs appears warranted.

During this investigation, no metals were detected above likely background concentrations or the Environmental Screening Levels (ESLs) published by the San Francisco Bay Regional Water Quality Control Board (Water Board, 2007) for shallow, residential soil where groundwater is a current or potential drinking water source (Aqua, 1991and Water Board, 2007).

5.2 CHLOROBENZENES

No chlorobenzenes were detected in unsaturated soil during the subject or historical investigations at the PG&E site. Because static groundwater in PG&E site monitoring wells has historically existed between approximately 3.5 and 8.0 feet bgs, and chlorobenzenes-impacted groundwater has been documented in the northeastern portion of the PG&E site, the presence of low concentrations of chlorobenzenes in soil samples collected below the current or historical static groundwater level may be attributable to impacted groundwater. In addition,

chlorobenzenes were not detected in shallow soil samples collected above static groundwater at locations SB-25 and SB-29 (Table 3). Based on this and previous investigations at the site, no further investigation of chlorobenzenes in soil at the PG&E site appears warranted.

In groundwater, the highest-concentration chlorobenzenes in the current investigation were detected in the shallow groundwater sample collected from the farthest upgradient location along the northern PG&E site boundary with the former Superior Plaster Castings property (boring SB-26). Based on this finding, the historical chlorobenzene results for the PG&E and upgradient properties, and the soil results for chlorobenzenes, the chlorobenzenes in groundwater at the PG&E site are most likely from an upgradient off-site source. In addition, the lateral and vertical extents of chlorobenzenes in groundwater on the PG&E site appear limited.

5.3 OTHER CVOCS

During this investigation, vinyl chloride was detected in two groundwater samples: the deeper groundwater sample collected between 30 and 35 feet bgs from boring SB-30 and the shallow groundwater sample collected between 11 and 16 feet bgs from boring SB-28. In addition, chloroethane, 1,1-DCA, 1,2-DCA, and 1,1-DCE were detected at low concentrations in select groundwater samples collected in the northern corner of the PG&E site. No vinyl chloride, chloroethane, 1,1-DCA, 1,2-DCA, or 1,1-DCE were detected in soil at the PG&E site. Historically, 1,1-DCE and 1,1-DCA were detected in groundwater on the former AAA property; however, the source(s) of the detected chloroethane, 1,1-DCE, 1,1-DCA, 1,2-DCA and vinyl chloride concentrations is currently unknown.

5.4 FORMER DIESEL UST

During the November 2007 groundwater sampling event, TPHd and TPHmo were not detected in the sample collected from well OW-1. TPH and VOCs were not detected in soil during historical sampling activities at the former diesel UST. Finally, TPHd and TPHmo were not detected in the soil sample collected from boring SB-23, which is at the edge of the former diesel UST excavation and immediately upgradient of well OW-1. Based on this and previous investigations at the former diesel UST, no further assessment of the former diesel UST appears warranted.

6.0 CONCLUSIONS

Geomatrix's conclusions based on the results of this and the previous site investigations are summarized below.

- Relatively low concentrations of TPH in the diesel and motor oil ranges were detected in soil and groundwater in the former waste oil UST cluster area on the PG&E site. The extent of these impacts appears limited and adequately defined on the PG&E site, to evaluate the resulting human health and environmental risks.

- Additional evaluation of the source of the groundwater results for boring SB-24 may be warranted, depending on the analytical results for the former Superior Plaster Castings property. The TPHmo detection is not likely the results of actual groundwater conditions.

- No further investigation of PCBs at the PG&E site appears warranted at the former waste oil UST cluster.

- No further investigation of PAHs at the PG&E site appears warranted at the former waste oil UST cluster.

- Chlorobenzenes in soil and groundwater at the PG&E site are most likely from an upgradient, off-site source.

- No further assessment of the former diesel UST appears warranted.

7.0 RECOMMENDATIONS

Geomatrix recommends that the data generated during this investigation be evaluated together with the data generated by the investigations conducted by the upgradient property owners. We recommend a meeting between ACEH, PG&E, the former AAA property owners, the former Superior Plaster property owners, and the Learner property owners to discuss the appropriate actions to be taken by the various parties. Based on the data collected at the PG&E site, the former Superior Plaster site, and the former AAA site, Geomatrix concludes that the chlorobenzenes source(s) is likely upgradient of the PG&E site. As part of, or following multi-party discussions, Geomatrix recommends that the following priority items be accomplished:

- The likely source(s) and extent of chloroethane, 1,1-DCA, 1,2-DCA, 1,1-DCE and vinyl chloride in groundwater should be identified and the need for further investigation evaluated.

- Additional evaluation of chlorobenzenes in groundwater should be performed, such that concentration trends may be identified and evaluated.

As warranted by the pending upgradient sampling results for chlorobenzenes, Geomatrix respectfully requests, on behalf of PG&E, that the ACEH take measures necessary to address the source of chlorobenzenes.

8.0 REFERENCES

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TABLES

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TABLE 1

SAMPLING PROGRAM SUMMARY

PG&E Oakland General Construction Yard
4930 Coliseum Way
Oakland, California

Sample Location	Media	Sampling Depths (feet bgs)	Analyses[1]						
			TPHg	TPHd	TPHmo	PAHs	PCBs	VOCs	Metals
SB-23	Soil	7						X	
	Soil	8		X	X				
SB-24	Soil	3		X	X			X	
	Groundwater	11-16		X	X			X	
SB-25	Soil	2					X		X
	Soil	2.5						X	
	Soil	4.5						X	
	Soil	10						X	
	Soil	11		X	X	X			
	Groundwater	14-19		X	X			X	
SB-26	Soil	9.5		X	X	X	X	X	X
	Groundwater	7-12		X[2]	X[2]			X[2]	
SB-27	Groundwater	11-16		X	X			X	
SB-28	Soil	7				X	X	X	X
	Groundwater	11-16		X	X			X	
SB-29	Soil	2					X	X	X
	Soil	4.5						X	
	Soil	8						X	
	Soil	9	X	X	X	X			
	Groundwater	11-16		X	X			X	
	Groundwater	32-38		X	X			X	
SB-30	Soil	10.5						X	
	Groundwater	12-16		X	X			X	
	Groundwater	30-35		X	X			X	
SB-31	Groundwater	6-8		X	X			X	

Notes:

[1] Samples analyzed for TPHg using EPA Method 8015M, TPHd and TPHmo using EPA Method 8015M with silica gel cleanup, PAHs using EPA Method 8270-SIM, PCBs were analyzed using EPA Method 8082, VOCs using EPA Method 8260B, and Title 22 metals using EPA Methods 6020 and 7471.

[2] A blind field duplicate was collected from the groundwater sample collected from SB-26.

Abbreviations:

bgs = below ground surface
EPA = U. S. Environmental Protection Agency
PAHs = polynuclear aromatic hydrocarbons
PCBs = polychlorinated biphenyls
TPHd = total petroleum hydrocarbons quantified as diesel
TPHg = total petroleum hydrocarbons quantified as gasoline
TPHmo = total petroleum hydrocarbons quantified as motor oil
SIM = selective ion mode
VOCs = volatile organic compounds

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TABLE 2

SOIL ANALYTICAL RESULTS
TPH, PAHs, and PCBs[1]

Former Waste Oil UST Cluster and Northern PG&E Site Boundary
PG&E Oakland General Construction Yard
4930 Coliseum Way
Oakland, California

Concentrations in milligrams per kilogram (mg/kg)

Sample ID	Date	Depth (feet bgs)	TPHg	TPHd	TPHmo	Oil and Grease	PAHs	PCBs
Previous Investigation								
OB-3-4	03/16/88	4.0	--	<10	--	**27**	--	--
OB-3-6	03/16/88	6.0	--	<10	--	**250**	--	--
OB-3-8	03/16/88	8.0	--	<10	--	**13**	--	--
OB-4-8	03/16/88	8.5	--	<10	--	**29**	--	--
OB-5-7.5	03/16/88	7.5	--	<10	--	<5	--	--
OB-6-10	03/16/88	10.0	--	<10	--	**21**	--	--
OB-7-8	03/16/88	8.0	--	<10	--	**34**	--	--
OB-9-12.5	03/17/88	12.5	--	<10	--	<5	--	--
OB-10-11.5	03/17/88	11.5	--	<10	--	<5	--	--
OB-14A-11	05/17/88	11.0	--	<10	--	<5	--	--
OB-15-10	05/17/88	10.0	--	<10	--	**5**	--	--
OB-16-7	05/17/88	7.0	--	<10	--	**100**	--	--
OB-16-9	05/17/88	9.0	--	<10	--	<5	--	--
OB-17-6.5	05/17/88	6.5	--	<10	--	**9**	--	--
OB-17-9	05/17/88	9.0	--	<10	--	<5	--	--
OB-18-7	05/18/88	7.0	--	<10	--	<5	--	--
OB-18-9	05/18/88	9.0	--	<10	--	<5	--	--
OW-4-11	05/18/88	11.0	--	<10	--	<5	--	--
SB-1-3	04/15/91	10.5	--	<2.5	--	--	--	--
SB-2-2	04/15/91	8.5	--	<2.5	--	--	--	--
OW-5-1	04/16/91	0.5	--	--	--	--	--	<1.0
OW-5-9	04/16/91	5.0	**2**	<50	--	--	--	--
SB-13-1	05/20/91	2.5	--	--	--	**78**	--	--
SB-13-2	05/20/91	5.5	--	--	--	**20**	--	<0.017
SB-13-3	05/20/91	7.5	--	--	--	**18**	--	--
SB-15-1	05/20/91	2.5	--	--	--	**2,300**	--	--
SB-15-2	05/20/91	4.5	--	--	--	**30**	--	--
SB-15-3	05/20/91	7.5	--	--	--	**18**	--	--
SB-16-1	05/20/91	2.0	--	--	--	<5.0	--	--
SB-16-2	05/20/91	4.5	--	--	--	**8**	--	--
SB-16-3	05/20/91	7.5	--	**510**	--	**110**	--	<0.017
SB-19-1	05/20/91	2.0	--	--	--	**66**	--	--
SB-19-2	05/20/91	5.5	--	--	--	**6**	--	--
SB-19-3	05/20/91	7.5	--	--	--	**22**	--	<0.017
SB-20-1	05/20/91	3.0	--	--	--	**82**	--	--
SB-20-2	05/20/91	4.5	--	**66**	--	**120**	--	--
SB-20-3	05/20/91	7.5	--	--	--	**34**	--	--
SB-21-1	05/20/91	2.5	--	--	--	**24**	--	--
SB-21-2	05/20/91	5.5	--	<1.0	--	<50	--	--
SB-21-3	05/20/91	7.5	--	<1.0	--	<50	--	--

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TABLE 2

SOIL ANALYTICAL RESULTS
TPH, PAHs, and PCBs[1]

Former Waste Oil UST Cluster and Northern PG&E Site Boundary
PG&E Oakland General Construction Yard
4930 Coliseum Way
Oakland, California

Concentrations in milligrams per kilogram (mg/kg)

Sample ID	Date	Depth (feet bgs)	TPHg	TPHd	TPHmo	Oil and Grease	PAHs	PCBs
SB-22-1	05/20/91	4.3	--	--	--	**28**	--	--
SB-22-2	05/20/91	5.5	--	<1.0	--	<50	--	--
SB-22-3	05/20/91	7.5	--	<1.0	--	<50	--	--
SB-5-3	05/23/91	8.5	--	--	--	<50	--	--
SB-6-4	05/23/91	9.5	--	--	--	<50	--	--
SB-7-2	05/23/91	6.5	--	--	--	<50	--	--
SB-7-3	05/23/91	8.5	--	--	--	<50	--	--
SB-8-3	05/23/91	5.5	--	--	--	<50	--	--
SB-8-4	05/23/91	8.5	--	--	--	<50	--	--
SB-9-3	05/23/91	7.5	--	--	--	<50	--	--
SB-10-1	05/23/91	3.0	--	--	--	**770**	--	--
SB-10-2	05/23/91	5.5	--	--	--	**56**	--	--
SB-10-3	05/23/91	8.5	--	--	--	<50	--	--
B-1	11/19/91	4.5	<10	<1.0	--	<10	--	--
B-2	11/19/91	7.0	<10	<1.0	--	<10	--	--
N-1	11/19/91	4.5	**340**	**340**	--	**8,800**	--	--
N-2	11/19/91	4.5	**410**	<1.0	--	**18,000**	--	--
N-3	11/19/91	5.5	**1,200**	**45**	--	**5,100**	--	--
N-4	11/19/91	5.5	**2,500**	**73**	--	**8,300**	--	--
N-5	11/19/91	5.5	<10	**120**	--	**34,000**	--	--
N-6	11/19/91	5.0	<10	**65**	--	**13,000**	--	--
S-1	11/19/91	3.5	<10	<1.0	--	<10	--	--
S-2	11/19/91	5.0	<10	<1.0	--	**100**	--	--
W-1	11/19/91	4.0	<10	<1.0	--	<10	--	--
B-3	11/20/91	5.5	<10	<1.0	--	<10	--	--
E-1	11/20/91	3.5	<10	<1.0	--	**1,600**	--	--
W-2	11/20/91	4.0	<10	<1.0	--	<10	--	--
W-3	11/20/91	5.5	<10	<1.0	--	<10	--	--
W-4	11/20/91	4.0	**15**	<1.0	--	**72**	--	--
B-5	11/21/91	7.5	<10	<1.0	--	**740**	--	--
E-2	11/21/91	1.5	<10	<1.0	--	**1,100**	--	--
W-5	11/21/91	5.0	<10	<1.0	--	<10	--	--
B-6	11/22/91	8.0	**27**	<1.0	--	<10	--	--
B-7	11/22/91	8.5	<10	<1.0	--	<10	--	--
E-3	11/22/91	4.5	**1,500**	<1.0	--	**5,600**	--	--
S-4	11/22/91	5.0	<10	<1.0	--	**16**	--	--
B-8	11/23/91	8.5	<10	<1.0	--	<10	--	--
B-9	11/23/91	6.0	<10	<1.0	--	**670**	--	--
B-10	11/23/91	8.5	<10	**1.6**	--	**33**	--	--
E-4	11/23/91	8.5	**51.7**	**1.9**	--	**1,200**	--	--
E-5	11/23/91	5.0	**5,000**	**6.3**	--	**5,300**	--	--

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TABLE 2

SOIL ANALYTICAL RESULTS
TPH, PAHs, and PCBs[1]

Former Waste Oil UST Cluster and Northern PG&E Site Boundary
PG&E Oakland General Construction Yard
4930 Coliseum Way
Oakland, California

Concentrations in milligrams per kilogram (mg/kg)

Sample ID	Date	Depth (feet bgs)	TPHg	TPHd	TPHmo	Oil and Grease	PAHs	PCBs
S-5	11/23/91	4.5	<10	<1.0	--	<10	--	--
S-6	11/23/91	4.5	<10	<1.0	--	**300**	--	--
B-13	12/02/91	9.5	<10	<1.0	--	<10	--	--
S-8	12/02/91	5.0	<10	<1.0	--	<10	--	--
B-14	12/05/91	9.5	<10	<1.0	--	<10	--	--
Current Investigation								
SB-24-3	1/22/08	3.0	--	<10	<10	--	--	--
SB-25-2	1/22/08	2.0	--	--	--	--	--[2]	ND[3]
SB-25-11	1/22/08	11.0	--	<10	<10	--	ND[4]	--
SB-26-9.5	1/23/08	6.5	--	**390**	**320**	--	ND	ND
SB-28-7	1/24/08	7.0	--	--	--	--	ND[5]	ND
SB-29-2.0	3/12/08	2.0	--	--	--	--	--	ND
SB-29-9	1/22/08	9.0	<0.5	<10	<10	--	ND	--

Notes:

[1] Historical soil samples analyzed for TPH using EPA Method 8015, Oil and Grease using EPA Method 1664, PAHs using EPA Method 8270, and PCBs using EPA Method 8082. Current investigation soil samples analyzed for TPH using EPA Method 8015 with silica gel cleanup, PAHs using EPA Method 8270-SIM, and PCBs using EPA Method 8082. Detections are **bolded**.

[2] "--" denotes that a chemical was not analyzed.

[3] Analytical detection limit ranged from 0.033 to 0.067 mg/kg.

[4] Analytical detection limit was 0.010 mg/kg.

[5] Naphthalene was not detected in this sample; however, this result was rejected due to a QA/QC issue.

Abbreviations:

bgs = below ground surface
EPA = U. S. Environmental Protection Agency
ESL = Environmental Screening Level
PAHs = polycyclic aromatic hydrocarbons
PCBs = polychlorinated biphenyls
SIM = selective ion mode
TPHg = total petroleum hydrocarbons quantified as gasoline
TPHd = total petroleum hydrocarbons quantified as diesel
TPHmo = total petroleum hydrocarbons quantified as motor oil
QA/QC = quality assurance/quality control

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TABLE 3

SOIL ANALYTICAL RESULTS—VOCs[1]

Former Waste Oil UST Cluster and Northern PG&E Site Boundary
PG&E Oakland General Construction Yard
4930 Coliseum Way
Oakland, California

Concentrations in micrograms per kilogram (mg/kg)

Sample ID	Date	Depth (feet)	CB	1,2-DCB	1,3-DCB	1,4-DCB	Other VOCs
Previous Investigations							
B-11	11/23/91	8.5	**0.13**	**0.16**	**1.1**	**1.8**	ND[2]
E-6	11/26/91	2.5	<0.005	<0.005	<0.005	<0.005	ND
Current Investigation							
SB-24-3	1/22/08	3.0	<0.005	<0.005	<0.005	<0.005	ND
SB-25-2.5	3/12/08	2.5	<0.006	<0.005	<0.006	<0.006	ND
SB-25-4.5	3/12/08	4.5	<0.005	<0.005	<0.005	<0.005	ND
SB-25-10	1/22/08	10	<0.005	<0.005	<0.005	**0.013**	ND
SB-26-9.5	1/23/08	9.5	**0.021**	<0.005	**0.10**	**0.24**	ND
SB-28-7	1/24/08	7.0	<0.005	<0.005	<0.005	<0.005	ND
SB-29-2.0	3/12/08	2.0	<0.300	<0.005	<0.300	<0.300	ND
SB-29-4.5	3/12/08	4.5	<0.006	<0.005	<0.006	<0.006	ND
SB-29-8	1/22/08	8.0	<0.005	<0.005	<0.005	**0.040**	ND
SB-30-10.5	2/7/08	10.5	<0.005	<0.005	<0.005	<0.005	ND

Notes:

[1] Samples analyzed for VOCs using EPA Method 8260. Detections are **bolded**.

[2] Laboratory detection limits of VOCs were between 0.005 and 0.02 mg/kg.

[3] "<" denotes that the chemical was not detected above the laboratory detection limit.

Abbreviations:

bgs = below ground surface
CB = chlorobenzene
1,2-DCB = 1,2-dichlorobenzene
1,3-DCB = 1,3-dichlorobenzene
1,4-DCB = 1,4-dichlorobenzene
EPA = U. S. Environmental Protection Agency
NA = not available
ND = the analyte was not detected above the laboratory detection limits
VOCs = volatile organic compounds

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TABLE 4

SOIL ANALYTICAL RESULTS—METALS[1]
Former Waste Oil UST Cluster and Northern PG&E Site Boundary
PG&E Oakland General Construction Yard
4930 Coliseum Way
Oakland, California

Concentrations in milligrams per kilogram (mg/kg)

Sample ID	Date	Depth (feet bgs)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Total Chromium	Chromium VI	Cobalt	Copper	Lead	Mercury	Molyb-denum	Nickel	Vanadium	Zinc
Previous Investigations																	
SB-1-1b	4/15/1991	4.0	**19**	**17**	**290**	**0.22**	**0.8**	**28**	<0.4	**6.9**	**28**	**210**	<0.17	**0.7**	**60**	**63**	**90**
OW-5-9	4/16/1991	5.0	<8	**6**	**190**	**1.2**	**0.29**	**110**	--	**14**	**35**	**8.6**	**0.7**	<0.24	**150**	**59**	**80**
SB-6-1	5/20/1991	3.5	<2.9	**3.3**	**156**	**0.22**	**2**	**40.1**	--	**9.1**	**39.7**	**26**	**0.11**	**2.6**	**37.7**	**27.7**	**50.2**
SB-13-1	5/20/1991	2.0	--	--	--	--	--	--	--	--	--	**6.9**	--	--	--	--	--
SB-13-2	5/20/1991	5.0	--	--	--	--	--	--	--	--	--	**12.2**	--	--	--	--	--
SB-13-2	5/20/1991	5.5	<2.9	<2.5	**133**	**0.36**	**1.9**	**40**	--	**11.8**	**29.8**	**12.2**	**0.12**	<0.68	**73.5**	**29.5**	**43.8**
SB-15-1	5/20/1991	2.0	--	--	--	--	--	--	--	--	--	**3,241**	--	--	--	--	--
SB-15-2	5/20/1991	4.0	--	--	--	--	--	--	--	--	--	**15.6**	--	--	--	--	--
SB-16-1	5/20/1991	2.0	--	--	--	--	--	--	--	--	--	**2.8**	--	--	--	--	--
SB-16-2	5/20/1991	4.0	--	--	--	--	--	--	--	--	--	**5.4**	--	--	--	--	--
SB-16-3	5/20/1991	7.5	<3.0	<2.5	**118**	**0.38**	**1.8**	**46.6**	--	**9.7**	**21.2**	**5.4**	<0.1	<0.69	**74.5**	**29**	**40.2**
SB-19-1	5/20/1991	2.0	--	--	--	--	--	--	--	--	--	**608**	--	--	--	--	--
SB-19-2	5/20/1991	5.0	--	--	--	--	--	--	--	--	--	**8.5**	--	--	--	--	--
SB-19-3	5/20/1991	7.5	<3.0	<2.5	**108**	**0.35**	**1.7**	**36.2**	--	**11.4**	**19.4**	**5.5**	<0.1	<0.7	**70.6**	**22.6**	**36.6**
SB-20-1	5/20/1991	2.5	--	--	--	--	--	--	--	--	--	**123**	--	--	--	--	--
SB-20-2	5/20/1991	4.0	--	--	--	--	--	--	--	--	--	**932**	--	--	--	--	--
SB-21-1	5/20/1991	2.0	--	--	--	--	--	--	--	--	--	**3**	--	--	--	--	--
SB-21-2	5/20/1991	5.0	--	--	--	--	--	--	--	--	--	**7.3**	--	--	--	--	--
SB-22-1	5/20/1991	3.75	--	--	--	--	--	--	--	--	--	**199**	--	--	--	--	--
SB-22-2	5/20/1991	5.0	--	--	--	--	--	--	--	--	--	**7**	--	--	--	--	--
SB-9-1	5/23/1991	1.5	**6.6**	**3.9**	**571**	**0.42**	**4.2**	**51.6**	--	**13.5**	**63.9**	**168**	**0.22**	<0.7	**66.1**	**47.4**	**252**
B-1	9/2/1992	0.5	--	--	--	--	--	--	--	--	--	**360**	--	--	--	--	--
B-2	9/2/1992	0.5	--	--	--	--	--	--	--	--	--	**10**	--	--	--	--	--
B-3	9/2/1992	0.5	--	--	--	--	--	--	--	--	--	**20**	--	--	--	--	--
B-4	9/2/1992	0.5	--	--	--	--	--	--	--	--	--	**8.1**	--	--	--	--	--
B-5	9/2/1992	0.5	--	--	--	--	--	--	--	--	--	**100**	--	--	--	--	--
B-6	9/2/1992	0.5	--	--	--	--	--	--	--	--	--	**20**	--	--	--	--	--
B-7	9/2/1992	0.5	--	--	--	--	--	--	--	--	--	**30**	--	--	--	--	--
B-8	9/2/1992	0.5	--	--	--	--	--	--	--	--	--	**50**	--	--	--	--	--
B-9	9/2/1992	0.5	--	--	--	--	--	--	--	--	--	**150**	--	--	--	--	--
B-10	9/2/1992	0.5	--	--	--	--	--	--	--	--	--	**110**	--	--	--	--	--
B-11	9/2/1992	0.5	--	--	--	--	--	--	--	--	--	**70**	--	--	--	--	--
B-12	9/2/1992	0.5	--	--	--	--	--	--	--	--	--	**280**	--	--	--	--	--
B-13	9/2/1992	0.5	--	--	--	--	--	--	--	--	--	**200**	--	--	--	--	--
B-14	9/2/1992	0.5	--	--	--	--	--	--	--	--	--	**870**	--	--	--	--	--

TABLE 4

SOIL ANALYTICAL RESULTS—METALS[1]

Former Waste Oil UST Cluster and Northern PG&E Site Boundary
PG&E Oakland General Construction Yard
4930 Coliseum Way
Oakland, California

Concentrations in milligrams per kilogram (mg/kg)

Sample ID	Date	Depth (feet bgs)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Total Chromium	Chromium VI	Cobalt	Copper	Lead	Mercury	Molyb-denum	Nickel	Vanadium	Zinc
Current Investigation																	
SB-25-2	1/22/08	1.5-2.0	**1.1**	**4.3**	**560**	<0.4	**0.4**	**46**	--	**11**	**34**	**74**	**0.13**	**1.2**	**65**	**48**	**130**
SB-26-9.5	1/23/08	9.0-9.5	<0.4	**4.5**	**220**	**0.7**	<0.4	**89**	--	**12**	**29**	**10**	**0.20**	**0.6**	**100**	**48**	**59**
SB-28-7	1/24/08	6.5-7.0	<0.4	**2.2**	**170**	**0.5**	<0.4	**42**	--	**14**	**11**	**5.6**	<0.04	<0.4	**39**	**26**	**20**
SB-29-2.0	3/12/08	2.0-1.5	**0.7**	**5.1**	**440**	**<0.4**	**0.5**	**40**	--	**9.7**	**28**	**83**	**0.18**	**0.9**	**53**	**48**	**92**

Notes:

[1] Samples analyzed for Title 22 Metals using EPA Methods 6020 and 7470. Detections are **bolded**.

[2] "--" denotes that a chemical was not analyzed

[3] "<" denotes that the chemical was not detected above the laboratory detection limit.

Abbreviations:

bgs = below ground surface
EPA = U. S. Environmental Protection Agency
TPHg = total petroleum hydrocarbons as gasoline
TPHd = total petroleum hydrocarbons as diesel
TPHmo = total petroleum hydrocarbons as motor oil

Geomatrix

TABLE 5

SOIL ANALYTICAL RESULTS[1]

Former Diesel UST Area
PG&E Oakland General Construction Yard
4930 Coliseum Way
Oakland, California

Concentrations in milligrams per kilogram (mg/kg)

Sample ID	Date	Depth (feet bgs)	TPHg	TPHd	TPHmo	TPHk	TPHms	Oil and Grease	VOCs
Previous Investigations									
B3-1-1	2/12/87	5.5	<0.1	<20	<100	<10	--	--	--
OB-11	3/18/88	11	--	<1	--	<1	<1	<5	ND[3]
OB-12	3/18/88	11	--	<1	--	<1	<1	<5	ND
OB-13	3/18/88	4.5	--	<1	--	<1	<1	<5	ND
OB-13	3/18/88	9	--	<1	--	<1	<1	<5	ND
OW-1	3/18/88	11	--	<1	--	<1	<1	<5	ND
Current Investigation									
SB-23-7	1/22/08	7.0	--			--	--	--	<10
SB-23-8	1/22/08	8.0	--	<10[3]	<10	--	--	--	

Notes:

[1] Samples analyzed for TPH using EPA Method 8015, Oil and Grease by EPA Method 413.2, and VOCs using EPA Method 8010/8020.

[2] "--" denotes that a chemical was not analyzed.

[3] Analytical detection limit were not reported.

Abbreviations:

bgs = below ground surface
EPA = U. S. Environmental Protection Agency
TPHd = total petroleum hydrocarbons quantified as diesel
TPHg = total petroleum hydrocarbons quantified as gasoline
TPHk = total petroleum hydrocarbons quantified as kerosene
TPHmo = total petroleum hydrocarbons quantified as motor oil
TPHms = total petroleum hydrocarbons quantified as mineral spirits
VOCs = volatile organic compounds

TABLE 6

GROUNDWATER ANALYTICAL RESULTS
TPH and VOCs[1]

PG&E Oakland General Construction Yard
4930 Coliseum Way
Oakland, California

Concentrations in micrograms per liter (µg/L)

Sample ID	Date	Sampling Interval (feet bgs)	TPHg	TPHd	TPHmo	Benzene	1,3-DCB	1,4-DCB	Chloro-benzene	1,1-DCA	1,2-DCA	Chloro-ethane	1,1-DCE	Vinyl Chloride	Isopropyl-benzene	Other VOCs
SB-24-GW-12-16	1/23/2008	12-16	<50[2]	**620**	**1,900**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	ND[4]
SB-25-GW-14-19	1/24/2008	14-19	<50	<50	<100	<0.5	<0.5	<0.5	<0.5	<0.5	**2.2**	<0.5	<0.5	<0.5	<0.5	ND
SB-26-GW-7-12	1/23/2008	7-12	<50	<50	<100	<2	**57**	**200**	**62 J**	**37**	<2	<2	**52**	<2	<2	ND
(DUP) SB-33-GW-7-12[5]	1/23/2008	7-12	<50	<50	<100	<2	**52**	**210**	**64 J**	**34**	<2	<2	**44**	<2	<2	ND
SB-27-GW-11-16	1/24/2008	11-16	<50	<50	<100	<0.5	<0.5	<0.5	<0.5	<0.5	**3.4**	<0.5	<0.5	<0.5	<0.5	ND
SB-28-GW-11-16	2/8/2008	11-16	<50	**270**	<100	**0.6**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**4.1**	**1.5**	ND
SB-29-GW-11-16	1/24/2008	11-16	<50	<50	<100	<0.5	<0.5	<0.5	<0.5	<0.5	**1.3**	<0.5	<0.5	<0.5	<0.5	ND
SB-29-GW-32-38	1/24/2008	32-38	<50	<50	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
SB-30-GW-16-12	2/8/2008	12-16	<50	<50	<100	<0.5	<0.5	<0.5	<0.5	<0.5	**3.5**	<0.5	<0.5	<0.5	<0.5	ND
SB-30-GW-30-35	2/8/2008	30-35	<50	<50	<100	<0.5	<0.5	<0.5	<0.5	<0.5	**1.9**	**2.4**	<0.5	**53**	<0.5	ND
SB-31-GW-6-8	1/24/2008	6-8	<50	<50	**320**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND

Notes:

[1] Samples analyzed for TPH using EPA Method 8015M with silica gel cleanup on extractable-range hydrocarbons and VOCs using EPA Method 8260B. Detections are **bolded**.

[2] "<" = denotes that the chemical was not detected above the laboratory detection limit.

[3] "--" denotes that a chemical

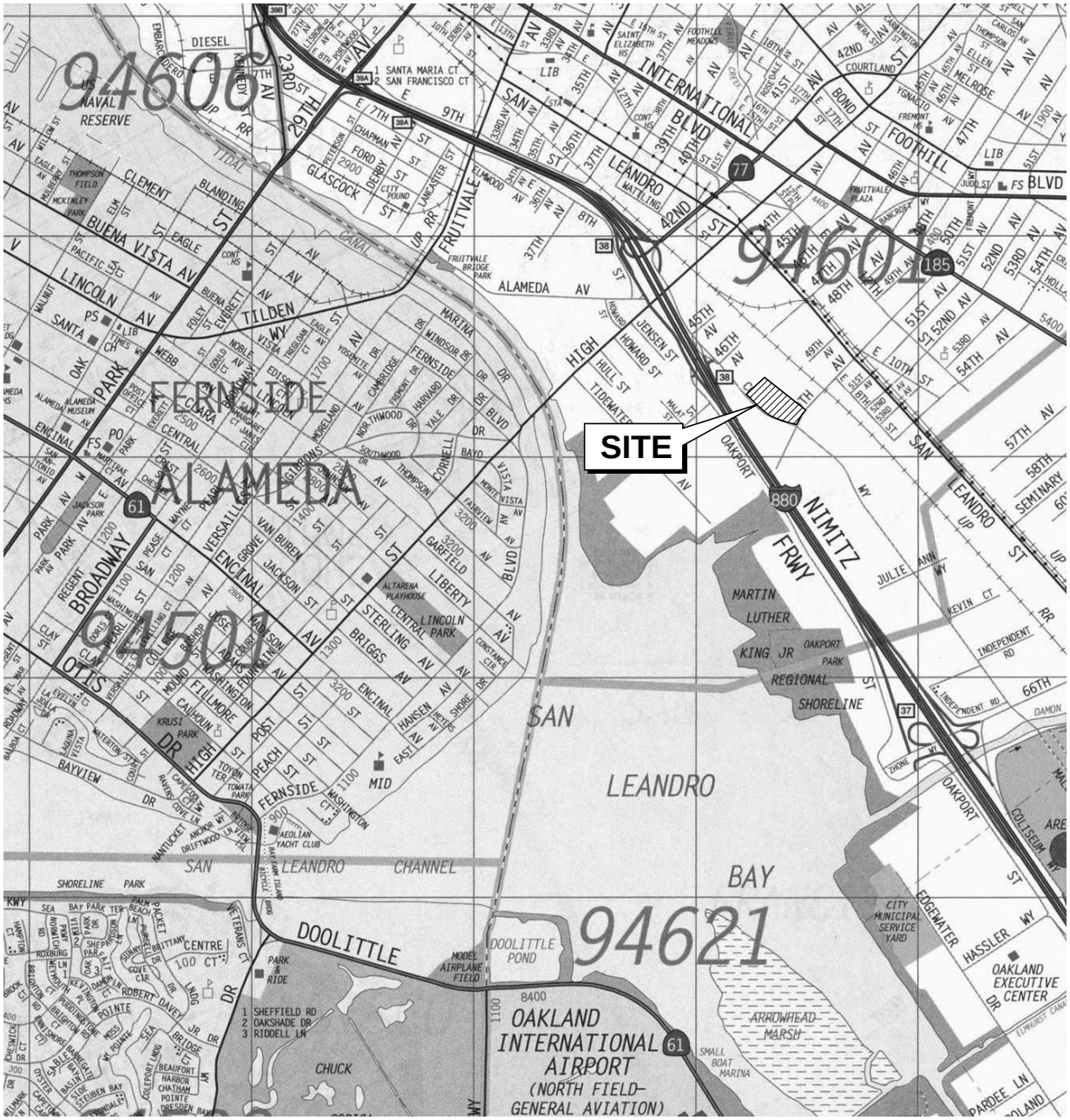
[4] Laboratory detection limits

[5] Sample represents a blind duplicate of sample SB-26-GW-7-12.

Abbreviations:

bgs = below ground surface
EPA = U. S. Environmental Protection Agency
J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
1,3-DCB = 1,3-dichlorobenzene
1,4-DCB = 1,4-dichlorobenzene
1,1-DCA = 1,1-dichloroethane
1,2-DCA = 1,2-dichloroethane
1,1-DCE = 1,1-dichloroethene
ND = the analyte was not detected above the laboratory detection limits
TPHg = total petroleum hydrocarbons quantified as gasoline
TPHd = total petroleum hydrocarbons quantified as diesel
TPHmo = total petroleum hydrocarbons quantified as motor oil
VOCs = volatile organic compounds

FIGURES

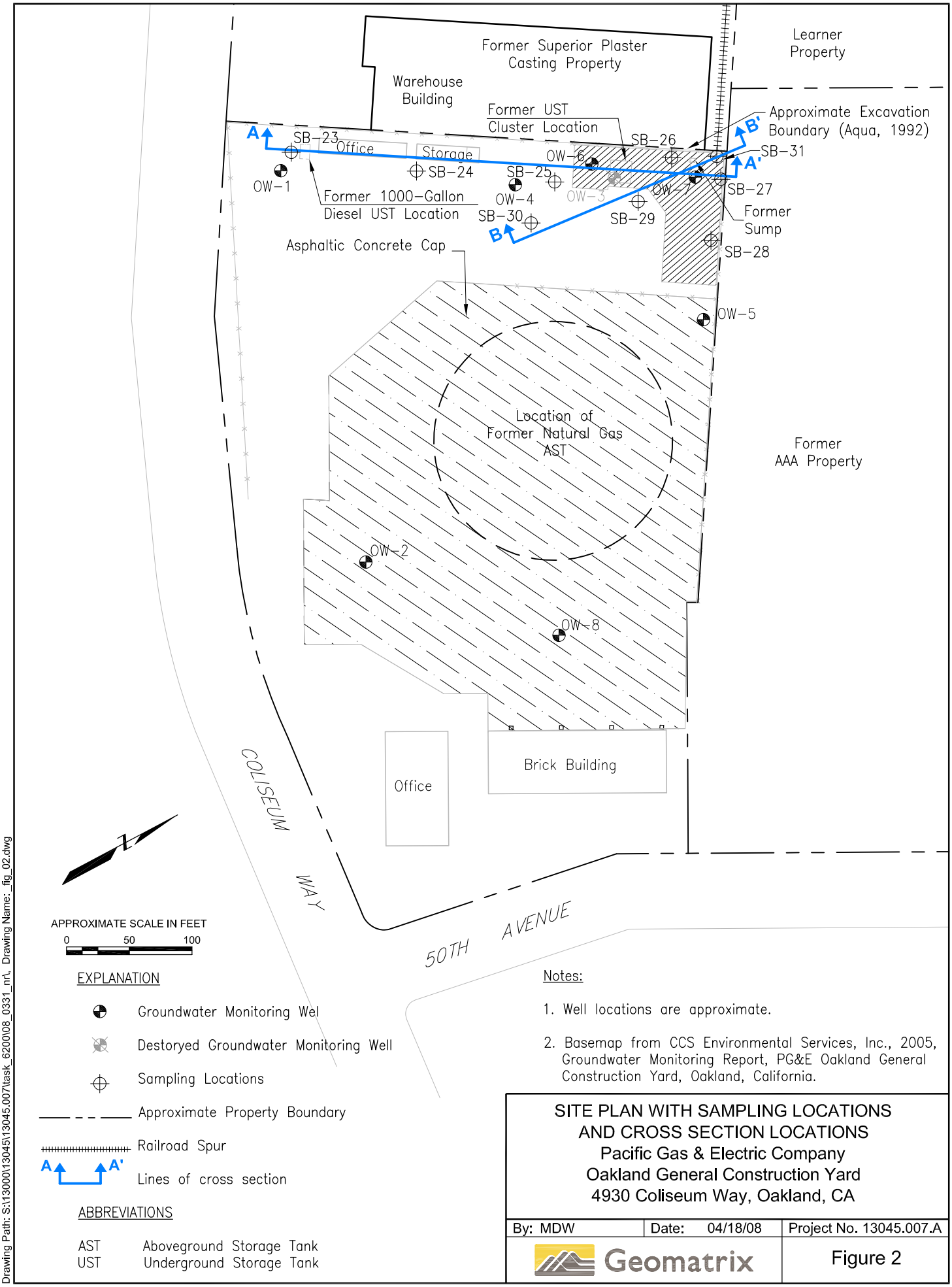


0 2000 feet

SITE LOCATION MAP
Pacific Gas & Electric Company
Oakland General Construction Yard
4930 Coliseum Way
Oakland, California

By: JMS	Date: 04/02/08	Project No. 13045.007A
Geomatrix		Figure 1

S:\13000\13045\13045.007A\task_B1_fig_01(01).ai



SITE PLAN WITH SAMPLING LOCATIONS AND CROSS SECTION LOCATIONS
Pacific Gas & Electric Company
Oakland General Construction Yard
4930 Coliseum Way, Oakland, CA

By: MDW	Date: 04/18/08	Project No. 13045.007.A
Geomatrix		Figure 2

Plot Date: 04/18/08 - 3:46pm, Plotted by: amcglibery
Drawing Path: S:\13000\13045\13045.007\task_6200\08_0331_nr\, Drawing Name: _fig_02.dwg

A
Southwest

A'
Northeast

Intersection with Cross Section B-B'

OW-1 Projected 17.5', SE
SB-23 Projected 2.0', SE
SB-24 Projected 11', SE
OW-4 Projected 17', SE
SB-25 Projected 13', SE
OW-6 Projected 3.2', NW
SB-26 Projected 12', NW
OW-7 Projected 2.3', SE
SB-27 Projected 2.7', SE

Ground Surface

Elevation (feet amsl)

15
10
5
0
-5
-10
-15

SB-23-7
7' bgs

ANALYTE	RESULT
VOCs	ND

SB-23-8
8' bgs

ANALYTE	RESULT
TPHd	ND
TPHmo	ND

SB-24-3
3' bgs

ANALYTE	RESULT
TPHd	ND
TPHmo	ND
VOCs	ND

SB-24-GW-12-16
2-16' bgs

ANALYTE	RESULT
TPHg	<50
TPHd	620
TPHmo	1,900
VOCs	ND

OW-1
3-18' bgs

ANALYTE	RESULT
TPHg	80
TPHd	<50
TPHmo	<50
CB	4.2
1,2-DCB	2.2
1,3-DCB	21
1,4-DCB	68
Other VOCs	ND

OW-4
8-21' bgs

ANALYTE	RESULT
TPHg	<50
TPHd	<50
TPHmo	<50
VOCs	ND

SB-25-2.5
2.5' bgs

ANALYTE	RESULT
VOCs	ND

SB-25-4.5
4.5' bgs

ANALYTE	RESULT
VOCs	ND

SB-25-10
10' bgs

ANALYTE	RESULT
1,4-DCB	0.013
Other VOCs	ND

SB-25-11
11' bgs

ANALYTE	RESULT
TPHd	ND
TPHmo	ND

SB-25-GW-14-19
14-19' bgs

ANALYTE	RESULT
TPHg	<50
TPHd	<50
TPHmo	<100
1,2-DCA	2.2
Other VOCs	ND

OW-6
7-17' bgs

ANALYTE	RESULT
TPHg	<50
TPHd	<50
TPHmo	<100
CB	3.2
1,2-DCB	0.6
1,3-DCB	8.1
1,4-DCB	28
Other VOCs	ND

SB-26-9.5
9.5' bgs

ANALYTE	RESULT
TPHd	390
TPHmo	320
CB	0.021
1,3-DCB	0.1
1,4-DCB	0.24
Other VOCs	ND

Inferred former excavation boundary (Aqua, 1992)

SB-26-GW-7-12
7-12' bgs

ANALYTE	RESULT
TPHg	<50
TPGd	<50
TPHmo	<100
CB	62 J
1,3-DCB	57
1,4-DCB	200
1,1-DCA	37
1,1-DCE	52
Other VOCs	ND

OW-7
7.5-17.5' bgs

ANALYTE	RESULT
TPHg	250
TPHd	<50
TPHmo	<50
CB	40
1,2-DCB	12
1,3-DCB	56
1,4-DCB	200
Other VOCs	ND

SB-27-GW-11-16
11-16' bgs

ANALYTE	RESULT
TPHg	<50
TPHd	<50
TPHmo	<50
1,2-DCA	3.4
Other VOCs	ND

Explanation

- Soil boring or monitoring well
- Screened/groundwater sampling interval
- Total boring depth
- Groundwater observed in well (ITSI, 2007)
- Predominantly coarse-grained soil
- Predominantly fine-grained soil

Groundwater Sample Name
Interval

ANALYTE	RESULT
TPHd	µg/L
TPHmo	µg/L
TPHg	µg/L
VOCs	µg/L

Soil Sample Name
Depth

ANALYTE	RESULT
TPHd	mg/kg
TPHmo	mg/kg
TPHg	mg/kg
VOCs	mg/kg

Soil sample with analytical results

Abbreviations

amsl	above mean sea level
bgs	below ground surface
CB	Chlorobenzene
1,1-DCA	1,1-Dichloroethane
1,2-DCA	1,2-Dichloroethane
1,1-DCE	1,1-Dichloroethene
1,2-DCB	1,2-Dichlorobenzene
1,3-DCB	1,3-Dichlorobenzene
1,4-DCB	1,4-Dichlorobenzene
J	Result is an estimate
mg/kg	millgrams per kilogram
ND	Not detected ablove the detection limit (See Appendix D for specific detection limits)
TPHg	Total petroleum hydrocarbons quantified as gasloine
TPHd	Total petroleum hydrocarbons quantified as diesel
TPHmo	Total petroleum hydrocarbons quantified as motor oil
VOCs	Volatile organic compounds

Approximate vertical scale in feet: 0, 2.5, 5
Vertical exaggeration =6x
Approximate scale in feet: 0, 25, 50

Notes:

1. See Figure 2 for locations of cross sections.
2. Ground surface elevation estimated from top of casing elevation of monitoring wells.

CROSS SECTION A-A'
TPH AND VOCs IN SOIL AND GROUNDWATER
NOVEMBER 2007 - MARCH 2008
Pacific Gas & Electric Company
Oakland General Construction Yard
4930 Coliseum Way, Oakland, California

By: MDW	Date: 04/09/08	Project No. 13045.007.A
Geomatrix		Figure 3

Plot Date: 04/18/08 - 3:47pm, Plotted by: amcgilbery
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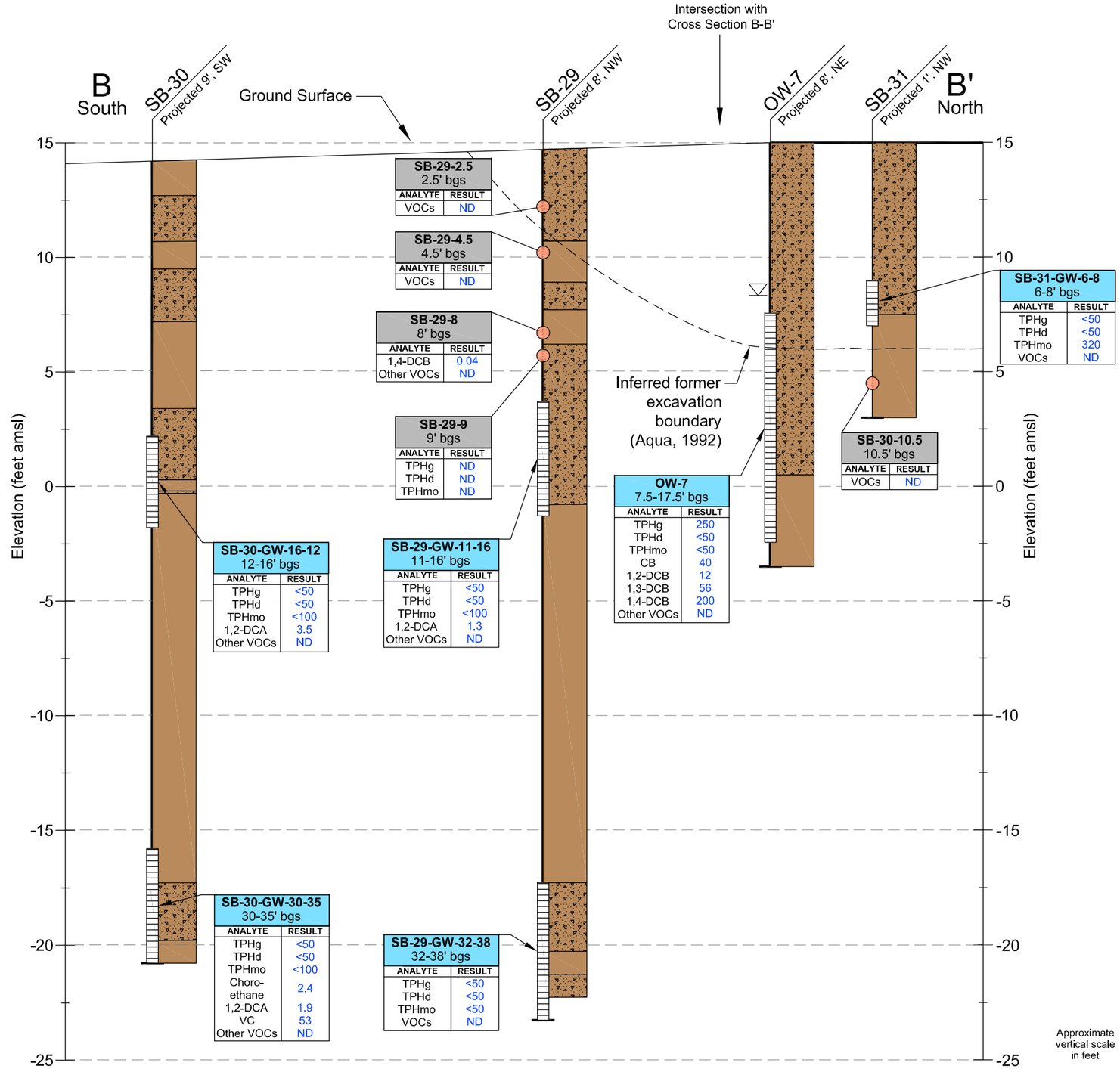


Explanation

- Soil boring or monitoring well
- Screened/groundwater sampling interval
- Total boring depth
- Groundwater observed in well (ITSI, 2007)
- Predominantly coarse-grained soil
- Predominantly fine-grained soil

Groundwater Sample Name
Interval

ANALYTE	RESULT
TPHd	µg/L
TPHmo	µg/L
TPHg	µg/L
VOCs	µg/L

Soil Sample Name
Depth

ANALYTE	RESULT
TPHd	mg/kg
TPHmo	mg/kg
TPHg	mg/kg
VOCs	mg/kg

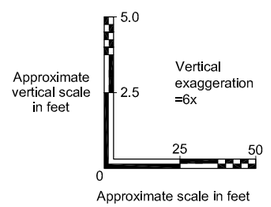
- Soil sample with analytical results

Abbreviations

amsl	above mean sea level
bgs	below ground surface
CB	Chlorobenzene
1,2-DCA	1,2-Dichloroethane
1,2-DCB	1,2-Dichlorobenzene
1,3-DCB	1,3-Dichlorobenzene
1,4-DCB	1,4-Dichlorobenzene
mg/kg	milligrams per kilogram
ND	Not detected ablove the detection limit (See Appendix D for specific detection limits)
TPHg	Total petroleum hydrocarbons quantified as gasoline
TPHd	Total petroleum hydrocarbons quantified as diesel
TPHmo	Total petroleum hydrocarbons quantified as motor oil
VC	Vinyl Chloride
VOCs	Volatile organic compounds

Notes:

1. See Figure 2 for locations of cross sections.
2. Ground surface elevation estimated from top of casing elevations of the monitoring wells.



CROSS SECTION B-B'
TPH AND VOCs IN SOIL AND GROUNDWATER
NOVEMBER 2007 - MARCH 2008
Pacific Gas & Electric Company
Oakland General Construction Yard
4930 Coliseum Way, Oakland, California

By: MDW	Date: 04/08/08	Project No. 13045.007.A
Geomatrix		Figure 4

Plot Date: 04/18/08 - 3:48pm, Plotted by: amcgilbery
Drawing Path: S:\13000\13045\13045.007\task 6200\08 0331 rpt\ Drawing Name: fig 04.dwg

COMPILATION OF HISTORICAL SOIL SAMPLING LOCATIONS
Pacific Gas & Electric Company
Oakland General Construction Yard
4930 Coliseum Way, Oakland, CA

By: JMS	Date: 04/18/08	Project No. 13045.007.A
Geomatrix		Figure 5

FORMER RAILROAD SPUR

BUILDING FOOTPRINT

FORMER SUPERIOR PLASTER CASTING PROPERTY

APPROXIMATE EXCAVATION BOUNDARY (ERAS, 2000)

LEARNER PROPERTY

ATC-1				
DATE	1,4-DCB (µg/L)	1,2-DCB (µg/L)	1,3-DCB (µg/L)	CB (µg/L)
10/08/98	450	32	370	370

SB-31-GW-6-8	
DATE	CHLOROBENZENES (µg/L)
3/12/08	<0.5

ATC-2				
DATE	1,4-DCB (µg/L)	1,2-DCB (µg/L)	1,3-DCB (µg/L)	CB (µg/L)
10/08/98	970	32	590	92

ATC-5				
DATE	1,4-DCB (µg/L)	1,2-DCB (µg/L)	1,3-DCB (µg/L)	CB (µg/L)
10/08/98	42	3.3	27	16

SB-26-GW-7-12				
DATE	1,4-DCB (µg/L)	1,1-DCB (µg/L)	1,3-DCB (µg/L)	CB (µg/L)
3/12/08	200	37	57	62

OW-6				
DATE	1,4-DCB (µg/L)	1,2-DCB (µg/L)	1,3-DCB (µg/L)	CB (µg/L)
10/92	ND	ND	ND	ND
12/98	68	6.3	27	8.3
12/20/06	44	12	11	3.4
11/06/07	28	0.6	8.1	3.2

OW-4				
DATE	1,4-DCB (µg/L)	1,2-DCB (µg/L)	1,3-DCB (µg/L)	CB (µg/L)
10/92	ND	ND	ND	ND
11/06/07	<0.5	<0.5	<0.5	<0.5

SB-23

OFFICE

STORAGE

OW-1

FORMER DIESEL UST LOCATION

PG&E SITE

OW-3

FORMER WASTE OIL UST CLUSTER LOCATION

SB-24-GW-12-16	
DATE	CHLOROBENZENES (µg/L)
3/12/08	<5

SB-25-GW-14-19	
DATE	CHLOROBENZENES (µg/L)
3/12/08	<0.5

SB-30-GW-16-12	
DATE	CHLOROBENZENES (µg/L)
3/12/08	<0.5

SB-29-GW-11-16	
DATE	CHLOROBENZENES (µg/L)
3/12/08	<0.5

OW-7				
DATE	1,4-DCB (µg/L)	1,2-DCB (µg/L)	1,3-DCB (µg/L)	CB (µg/L)
10/92	290	77	330	ND
12/98	470	48	360	31
12/20/06	330	21	120	51
11/06/07	200	12	56	40

SB-27-GW-11-16	
DATE	CHLOROBENZENES (µg/L)
3/12/08	<0.5

SB-28-GW-11-16	
DATE	CHLOROBENZENES (µg/L)
3/12/08	<0.5

APPROXIMATE 'TAR' PIPE LOCATION

APPROXIMATE EXCAVATION BOUNDARY, (PG&E, 1991)

ASPHALTIC CONCRETE CAP

OW-5				
DATE	1,4-DCB (µg/L)	1,2-DCB (µg/L)	1,3-DCB (µg/L)	CB (µg/L)
10/92	ND	ND	ND	ND
12/98	ND	ND	ND	ND
12/20/06	4.3	<0.5	<0.5	<0.5
11/06/07	28	<0.5	0.8	<0.5

ATC-3				
DATE	1,4-DCB (µg/L)	1,2-DCB (µg/L)	1,3-DCB (µg/L)	CB (µg/L)
10/08/98	250	<50	120	<50

ATC-9				
DATE	1,4-DCB (µg/L)	1,2-DCB (µg/L)	1,3-DCB (µg/L)	CB (µg/L)
10/08/98	380	190	440	33

WCC-1A				
DATE	1,4-DCB (µg/L)	1,2-DCB (µg/L)	1,3-DCB (µg/L)	CB (µg/L)
12/12/92	1,500	<0.5	<0.5	<0.5
10/08/98	1,500	56	900	220

GGW1-1				
DATE	1,4-DCB (µg/L)	1,2-DCB (µg/L)	1,3-DCB (µg/L)	CB (µg/L)
09/24/03	<0.5	<0.5	<0.5	<0.5

FORMER UST LOCATIONS

APPROXIMATE EXCAVATION BOUNDARY, (LFR, 2003)

ATC-7				
DATE	1,4-DCB (µg/L)	1,2-DCB (µg/L)	1,3-DCB (µg/L)	CB (µg/L)
10/08/98	1,000	54	730	210

GGW2-1				
DATE	1,4-DCB (µg/L)	1,2-DCB (µg/L)	1,3-DCB (µg/L)	CB (µg/L)
09/24/03	360	24	210	74

B-2				
DATE	1,4-DCB (µg/L)	1,2-DCB (µg/L)	1,3-DCB (µg/L)	CB (µg/L)
02/27/02	8.6	<1.0	3.7	1.2

FORMER AAA PROPERTY

NOTES:

1. SAMPLE LOCATIONS ARE APPROXIMATE.
2. HISTORICAL UPGRADIENT SAMPLE LOCATIONS AND DATA FOR WERE OBTAINED FROM THE FOLLOWING REPORTS: LFR LEVINE-FRICKE, 2004, UNDERGROUND STORAGE TANK REMOVAL REPORT, FORMER AAA EQUIPMENT COMPANY SITE, 745 50TH AVENUE, OAKLAND, CA, APRIL 27; ATC ASSOCIATES, INC. (ATC), 1998, PHASE II ENVIRONMENTAL SITE INVESTIGATION REPORT, METALCAST ENGINEERING FACILITY, 4800 COLISEUM WAY, OAKLAND, CA, NOVEMBER 25; AND HARDING ESE (HE), 2002, ENVIRONMENTAL INVESTIGATION, 745 50TH AVENUE, OAKLAND, CA, MAY 30.
3. CHLOROBENZENES INCLUDE CB, 1,2-DCB, 1,3-DCB, AND 1,4-DCB.

EXPLANATION

- GROUNDWATER SAMPLING LOCATION
- HISTORICAL GROUNDWATER SAMPLING LOCATION (ATC,1998)
- HISTORICAL GROUNDWATER SAMPLING LOCATION (HE, 1998)
- HISTORICAL GROUNDWATER SAMPLING LOCATION (LFR, 2003)
- GROUNDWATER MONITORING WELL
- ABANDONED GROUNDWATER MONITORING WELL
- APPROXIMATE PROPERTY BOUNDARY

ABBREVIATIONS

<	COMPOUND WAS NOT DETECTED ABOVE THE INDICATED REPORTING LIMIT
1,2-DCB	1,2-DICHLOROBENZENE
1,3-DCB	1,3-DICHLOROBENZENE
1,4-DCB	1,4-DICHLOROBENZENE
CB	CHLOROBENZENE
ND	NOT DETECTED ABOVE REPORTING LIMIT (REPORTING LIMIT NOT AVIALABLE)
UST	UNDERGROUND STORAGE TANK
µg/L	MICROGRAMS PER LITER

N

APPROXIMATE SCALE IN FEET

0 20 40

COMPILATION OF CHLOROBENZENE CONCENTRATIONS IN GROUNDWATER
PG&E SITE, FORMER SUPEROR PLASTER CASTING PROPERTY, AND FORMER AAA PROPERTY
Pacific Gas & Electric Company
Oakland General Construction Yard
4930 Coliseum Way, Oakland, CA

By: MDW	Date: 04/18/08	Project No. 13045.007.A
Geomatrix		Figure 6

Plot Date: 04/18/08 - 3:49pm, Plotted by: amcgillbery
Drawing Path: S:\13000\13045\13045.007\task 6200\08_0331_nt\, Drawing Name: fig_06.dwg

FORMER RAILROAD SPUR

APPROXIMATE EXCAVATION BOUNDARY (ERAS, 2000)

BUILDING FOOTPRINT

LEARNER PROPERTY

FORMER SUPERIOR PLASTER CASTING PROPERTY

SB-31-GW-6-8	
DATE	CHLOROBENZENES (µg/L)
3/12/08	<0.5

SB-26-GW-7-12				
DATE	1,4-DCB (µg/L)	1,1-DCB (µg/L)	1,3-DCB (µg/L)	CB (µg/L)
3/12/08	200	37	57	62

FORMER UST LOCATIONS

APPROXIMATE EXCAVATION BOUNDARY, (LFR, 2003)

SB-23

OFFICE

STORAGE

PG&E SITE

OW-1

OW-6

OW-7

OW-3

OW-4

OW-5

150

50

10

FORMER DIESEL UST LOCATION

FORMER WASTE OIL UST CLUSTER LOCATION

APPROXIMATE 'TAR' PIPE LOCATION

SB-24-GW-12-16	
DATE	CHLOROBENZENES (µg/L)
3/12/08	<5

SB-25-GW-14-19	
DATE	CHLOROBENZENES (µg/L)
3/12/08	<0.5

SB-30-GW-16-12	
DATE	CHLOROBENZENES (µg/L)
3/12/08	<0.5

SB-29-GW-11-16	
DATE	CHLOROBENZENES (µg/L)
3/12/08	<0.5

SB-27-GW-11-16	
DATE	CHLOROBENZENES (µg/L)
3/12/08	<0.5

SB-28-GW-11-16	
DATE	CHLOROBENZENES (µg/L)
3/12/08	<0.5

FORMER AAA PROPERTY

APPROXIMATE EXCAVATION BOUNDARY, (PG&E, 1991)

ASPHALTIC CONCRETE CAP

NOTES:

1. SAMPLE LOCATIONS ARE APPROXIMATE.
2. HISTORICAL UPGRADIENT SAMPLE LOCATIONS AND DATA FOR WERE OBTAINED FROM THE FOLLOWING REPORTS: LFR LEVINE-FRICKE, 2004, UNDERGROUND STORAGE TANK REMOVAL REPORT, FORMER AAA EQUIPMENT COMPANY SITE, 745 50TH AVENUE, OAKLAND, CA, APRIL 27; ATC ASSOCIATES, INC. (ATC), 1998, PHASE II ENVIRONMENTAL SITE INVESTIGATION REPORT, METALCAST ENGINEERING FACILITY, 4800 COLISEUM WAY, OAKLAND, CA, NOVEMBER 25; AND HARDING ESE (HE), 2002, ENVIRONMENTAL INVESTIGATION, 745 50TH AVENUE, OAKLAND, CA, MAY 30.
3. CHLOROBENZENES INCLUDE CB, 1,2-DCB, 1,3-DCB, AND 1,4-DCB.

EXPLANATION

- GROUNDWATER SAMPLING LOCATION
- HISTORICAL GROUNDWATER SAMPLING LOCATION (ATC,1998)
- HISTORICAL GROUNDWATER SAMPLING LOCATION (HE, 1998)
- HISTORICAL GROUNDWATER SAMPLING LOCATION (LFR, 2003)
- GROUNDWATER MONITORING WELL
- ABANDONED GROUNDWATER MONITORING WELL
- APPROXIMATE PROPERTY BOUNDARY
- ESTIMATION OF 2008 1,4-DCB CONTOUR IN µg/L (DASHED WHERE INFERRED)

ABBREVIATIONS

<	COMPOUND WAS NOT DETECTED ABOVE THE INDICATED REPORTING LIMIT
1,2-DCB	1,2-DICHLOROBENZENE
1,3-DCB	1,3-DICHLOROBENZENE
1,4-DCB	1,4-DICHLOROBENZENE
CB	CHLOROBENZENE
ND	NOT DETECTED ABOVE REPORTING LIMIT (REPORTING LIMIT NOT AVIALABLE)
UST	UNDERGROUND STORAGE TANK
µg/L	MICROGRAMS PER LITER

APPROXIMATE SCALE IN FEET
0 20 40

CHLOROBENZENES IN SHALLOW GROUNDWATER
JANUARY - MARCH 2008
Pacific Gas & Electric Company
Oakland General Construction Yard
4930 Coliseum Way, Oakland, CA

By: MDW	Date: 04/18/08	Project No. 13045.007.A
Geomatrix		Figure 7

Plot Date: 04/18/08 - 3:50pm, Plotted by: amcgillbery
Drawing Path: S:\13000\13045\13045.007\task 6200\08_0331_nt\, Drawing Name: fig_07.dwg

Geomatrix

APPENDIX A

November 30, 2007, Work Plan Approval Letter from ACEH to PG&E and December 13, 2008 E-Mail from ACEH

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

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

November 30, 2007

Mr. Robert Saur
PG&E
3400 Crow Canyon Road
San Ramon, CA 94583

Subject: SLIC Case No. RO0000099 and Geotracker Global ID T0600100258, PG&E, 4930 Coliseum Way, Oakland, CA 94601

Dear Mr. Saur:

Alameda County Environmental Health (ACEH) staff has reviewed the Spills, Leaks, Investigations, and Cleanups (SLIC) case file for the above referenced site including the recently submitted document entitled, "Additional Investigation Work Plan, PG&E Oakland General Construction Yard, 4930 Coliseum Way, Oakland, California," dated November 16, 2007. The Work Plan, which was prepared by Geomatrix, proposes advancing soil borings at nine locations to collect soil and groundwater samples.

Petroleum hydrocarbons and chlorinated solvents, including 1,3-dichlorobenzene and 1,4-dichlorobenzene, have been detected in soil and groundwater samples collected on four adjacent properties in the area of your site. It appears that the chlorinated solvents are from a common source of historic releases that occurred on each of the four properties (PG&E, Learner Investment Company, AAA Equipment, and Superior Plaster Casting), resulting in a commingled plume. Therefore, ACEH considers all four parties responsible for the release. As presented in directive letters and discussed during a meeting with each of the four responsible parties held on October 10, 2007, ACEH requested that responsible parties for each of four adjacent properties work individually or cooperatively to evaluate the source and extent of the groundwater impacts. We thank PG&E for their cooperation in preparing a Work Plan to accomplish this goal. We note that Alta Properties LLC and Mr. Richard Neu have also submitted a work plan for site investigation on the adjacent AAA Equipment and Learner Investment Company properties. To date a work plan has not been submitted for the Superior Plaster Casting site and we have again requested that a work plan be submitted for this fourth property.

The proposed scope of work in the November 16 work plan is generally acceptable and may be implemented provided that the technical comments below are addressed during the proposed field investigation. Submittal of a revised Work Plan is not required unless an alternate scope of work outside that described in the Work Plan and technical comments below is proposed. We request that you address the following technical comments, perform the proposed work, and send us the technical reports requested below.

TECHNICAL COMMENTS

1. **Proposed Soil and Groundwater Sampling.** The proposed soil and groundwater sampling locations and methods are generally acceptable. However, we request that the proposed soil samples within the former excavation area (borings SB-26 and SB-28) be collected 6 inches below the fill and native soil contact where the contact is obvious rather than at the proposed fixed interval. If the fill and native soil contact is not obvious, the soil samples are to be collected at 9.5 feet bgs in SB-26 and 8 feet bgs in boring SB-28.

2. **Depth of Deeper Soil Borings.** The proposed depth of deeper soil borings SB-29 and SB-30 was not specified in section 3.2.2 of the Work Plan. We request that borings SB-29 and SB-30 be extended to a minimum depth of 35 feet bgs. Determining the depth intervals for collection of depth-discrete groundwater samples in the field based on encountered soil stratigraphy is acceptable.

3. **Proposed Laboratory Analyses for Soil Samples.** We request additional analyses for several soil samples as shown on the attached Revised Table 1. We request that the four soil samples that will be analyzed for polynuclear aromatic hydrocarbons (PAHs) also be analyzed for polychlorinated biphenyls (PCBs) using EPA Method 8082 and CAM 17 metals using EPA Method 6010. We also request analysis for VOCs and TPH as diesel and motor oil for several additional samples as shown on attached Revised Table 1. Please present these results in the Site Investigation Report requested below.

4. **Proposed Laboratory Analyses for Groundwater Samples.** The proposed laboratory analyses for groundwater samples are acceptable.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Mr. Jerry Wickham), according to the following schedule:

- **April 18, 2008** – Site Investigation Report

ELECTRONIC SUBMITTAL OF REPORTS

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater

cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "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." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to $10,000 per day for each day of violation.

If you have any questions, please call me at (510) 567-6791 or send me an electronic mail message at jerry.wickham@acgov.org.

Sincerely,

Jerry Wickham, California PG 3766, CEG 1177, and CHG 297
Hazardous Materials Specialist

Attachment: Revised Table 1

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Marcella Harrison, GVA Kidder Mathews, 505 Sansome Street, Suite 300, San Francisco, CA 94111

Jack Krause, Alta Properties, LLC, P.O. Box 2399, Oakland, CA 94614

Richard Neu, Edenwood Corp., 47 Parsippany Road Whippany, NJ 07981

Robert Nichols, P.O. Box 6716, Oakland, CA 94603

John Miller, 250 Cambridge Avenue, Palo Alto, CA 94306

Tom Chandler, LFR, 3150 Bristol Street, Suite 250, Costa Mesa, CA 92626-7324

Robert Schultz, Geomatrix, 2101 Webster Street #12, Oakland, CA 94612

Donna Drogos, ACEH
Jerry Wickham, ACEH
File RO2746
File RO2478

Revised Table 1

Geomatrix

Table 1. Sampling and Analysis Plan

Sampling Location	Location	Sample Depths to be Analyzed (feet bgs)	VOCs	TPHg	TPHd with Silica Gel Cleanup	TPHmo with Silica Gel Cleanup	PAHs	Metals and PCBs
SB-23	Former diesel UST, downgradient of former Superior Plaster	Soil: 3[1]	X					
		Soil: 4[2]			X	X		
SB-24	Downgradient of former Superior Plaster	Soil: 3	X		X	X		
		Groundwater: first[3]	X		X	X		
SB-25	Downgradient of former Superior Plaster and Learner, Adjacent to former Excavation	Soil: 3[1]	X					
		Soil: 4[2]			X	X	X	X
		Groundwater: first[3]	X	X	X	X		
SB-26	Downgradient of former AAA, Superior Plaster, and Learner	Soil: ~~X~~ 9.5	X		X	X	X	X
		Groundwater: first[3]	X	X	X	X		
SB-27	Downgradient of former AAA	Groundwater: first[3]	X	X	X	X		
SB-28	Downgradient of former AAA	Soil: ~~X~~ 8	X		X	X	X	X
		Groundwater: first[3]	X	X	X	X		
SB-29	Downgradient of well OW-7, adjacent to former excavation	Soil: 3[1]	X	X				
		Soil: 4[2]			X	X	X	X
		Groundwater: first and deeper[3]	X	X	X	X		
SB-30	Downgradient of well OW-7	Soil: 3[1]	X					
		Groundwater: first and deeper[3]	X	X	X	X		
SB-31	Downgradient of former AAA, Superior Plaster, and Learner	Groundwater: first[3]	X	X	X	X		

Notes:

1 Sample to be collected in vadose-zone soil at least 1 foot above first-encountered groundwater.
2 Sample to be collected from immediately above first-encountered groundwater.
3 Depth to groundwater is estimated at 5 feet bgs. Sampling interval will be from water table to 5 feet below.
X Sample to be analyzed for listed parameters.

3.2.6 Quality Assurance and Quality Control Methodology

Field quality assurance/quality control (QA/QC) samples for chemical analysis will include the collection of one groundwater blind field duplicate and one trip blank per sample cooler. QA/QC procedures will include adherence to protocols for field sampling and decontamination procedures, as well as collection and laboratory analysis of controlled standards, matrix spike

Jonathan Skaggs

From: Wickham, Jerry, Env. Health [jerry.wickham@acgov.org]
Sent: Thursday, December 13, 2007 12:34 PM
To: Jonathan Skaggs
Cc: Robert Schultz; Saur, Robert
Subject: RE: PG&E Oakland GC - WP revision

Jonathan,

Please collect the soil samples for PCB and metals analysis in borings SB-25 and SB-29 at a depth of 1.5 to 2.0 feet bgs rather than 4.0 feet bgs.

Regards,
Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
510-567-6791 phone
510-337-9335 fax
jerry.wickham@acgov.org

From: Jonathan Skaggs [mailto:jskaggs@geomatrix.com]
Sent: Wednesday, December 12, 2007 5:12 PM
To: Wickham, Jerry, Env. Health
Cc: Robert Schultz; Saur, Robert
Subject: PG&E Oakland GC - WP revision

Hello Jerry,

Per our discussion earlier today, you have requested that we analyze samples from 1.5-2.0 feet bgs for PCBs and metals instead of the 4.0 feet bgs sampling depth for borings SB-25 and SB-29 as indicated in your November 30, 2007 letter to PG&E concerning the investigation work plan. Please indicate your concurrence with this change.

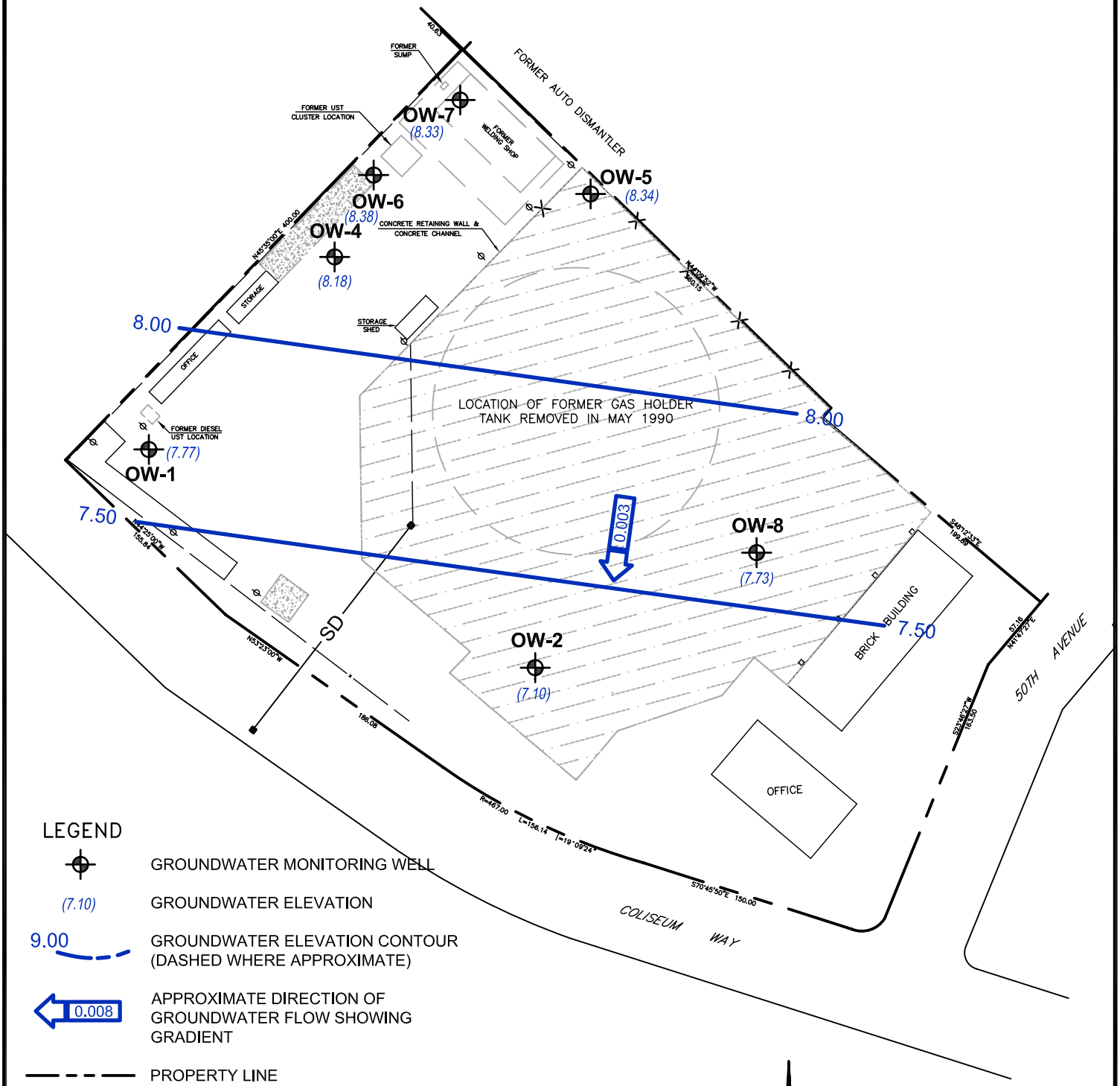
Thanks,

Jonathan M. Skaggs, PG
Project Geologist
Geomatrix Consultants, Inc.
2101 Webster Street, 12th Floor
Oakland, CA 94612
510.663.4104 Direct
510.663.4141 Fax
510.409.0779 Cell
jskaggs@geomatrix.com

Geomatrix

APPENDIX B

November 2007 Groundwater Elevations and Groundwater Analytical Results and PG&E Site Monitoring Well Construction Logs



LEGEND

- GROUNDWATER MONITORING WELL
- (7.10) GROUNDWATER ELEVATION
- 9.00 GROUNDWATER ELEVATION CONTOUR (DASHED WHERE APPROXIMATE)
- 0.008 APPROXIMATE DIRECTION OF GROUNDWATER FLOW SHOWING GRADIENT
- PROPERTY LINE
- SD STORM DRAIN
- EXISTING FENCE
- EXISTING UTILITY POLE
- EXTEND OF ASPHALTIC CONCRETE CAP

N

0 100 200

APPROXIMATE SCALE IN FEET

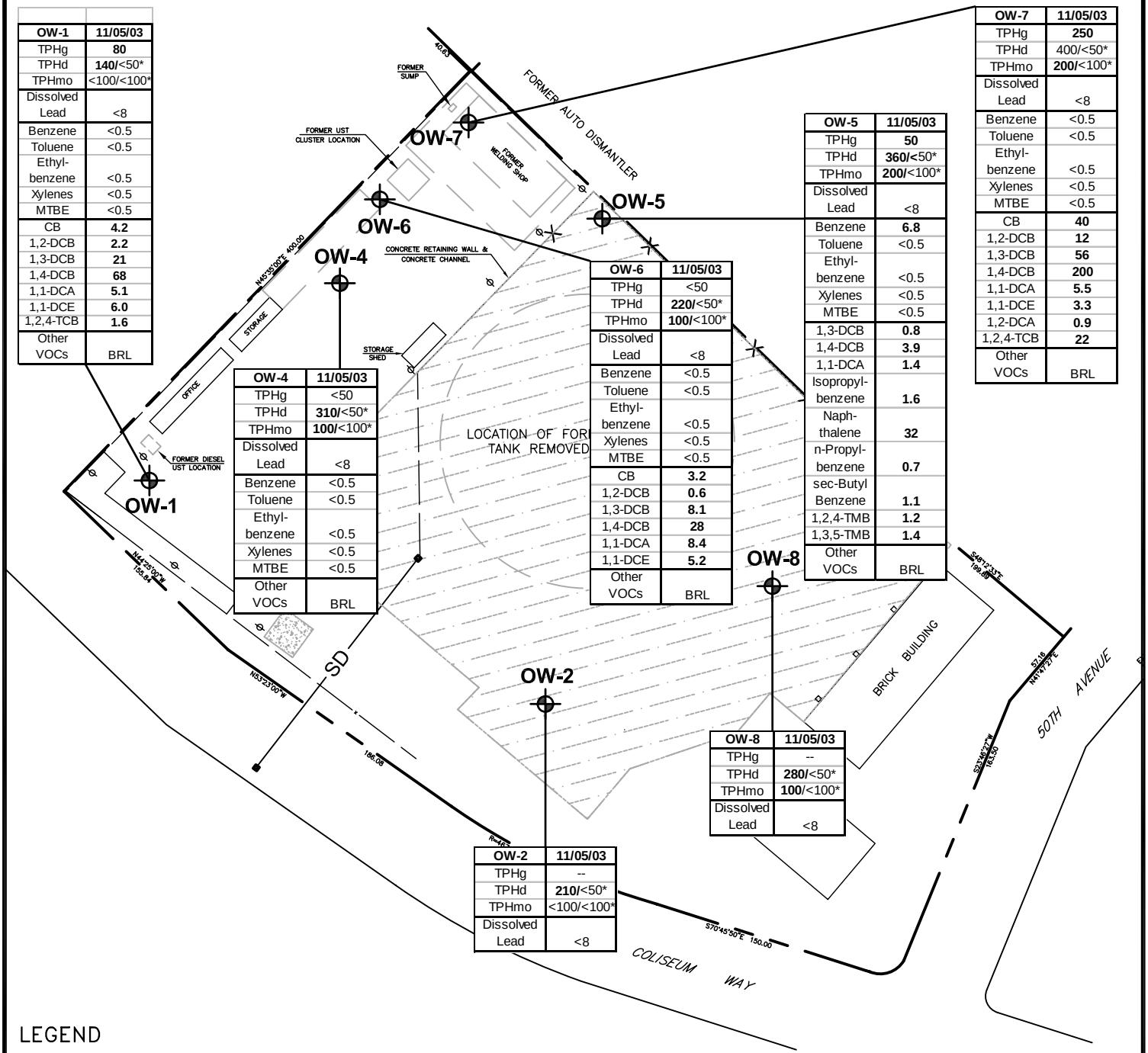
REFERENCE: BASE MAP BY CSS ENVIROMENTAL SERVICES, INC.
FIGURE 4.1 BY ES DATED 08/2005
JOB #6118; 01/1999

Innovative Technical Solutions, Inc.

Pacific Gas and Electric
Oakland General Construction Yard
Oakland, California

FIGURE 3
Groundwater Elevation Contours
(November 6, 2007)

FILENAME: C:_FUPE\100_PROJ\ITSI\07037 PG&E\07037.0018 PGE-14 Oakland SC UST Program\10.0 CADD\400_CADD Current Drawings\07037.0018 OKLND SC Figure 2-3-4.dwg



OW-1	11/05/03
TPHg	**80**
TPHd	**140/**<50*
TPHmo	<100/<100*
Dissolved Lead	<8
Benzene	<0.5
Toluene	<0.5
Ethyl-benzene	<0.5
Xylenes	<0.5
MTBE	<0.5
CB	**4.2**
1,2-DCB	**2.2**
1,3-DCB	**21**
1,4-DCB	**68**
1,1-DCA	**5.1**
1,1-DCE	**6.0**
1,2,4-TCB	**1.6**
Other VOCs	BRL

OW-4	11/05/03
TPHg	<50
TPHd	**310/**<50*
TPHmo	**100/**<100*
Dissolved Lead	<8
Benzene	<0.5
Toluene	<0.5
Ethyl-benzene	<0.5
Xylenes	<0.5
MTBE	<0.5
Other VOCs	BRL

OW-6	11/05/03
TPHg	<50
TPHd	**220/**<50*
TPHmo	**100/**<100*
Dissolved Lead	<8
Benzene	<0.5
Toluene	<0.5
Ethyl-benzene	<0.5
Xylenes	<0.5
MTBE	<0.5
CB	**3.2**
1,2-DCB	**0.6**
1,3-DCB	**8.1**
1,4-DCB	**28**
1,1-DCA	**8.4**
1,1-DCE	**5.2**
Other VOCs	BRL

OW-5	11/05/03
TPHg	**50**
TPHd	**360/**<50*
TPHmo	**200/**<100*
Dissolved Lead	<8
Benzene	**6.8**
Toluene	<0.5
Ethyl-benzene	<0.5
Xylenes	<0.5
MTBE	<0.5
1,3-DCB	**0.8**
1,4-DCB	**3.9**
1,1-DCA	**1.4**
Isopropyl-benzene	**1.6**
Naph-thalene	**32**
n-Propyl-benzene	**0.7**
sec-Butyl Benzene	**1.1**
1,2,4-TMB	**1.2**
1,3,5-TMB	**1.4**
Other VOCs	BRL

OW-7	11/05/03
TPHg	**250**
TPHd	400/<50*
TPHmo	**200/**<100*
Dissolved Lead	<8
Benzene	<0.5
Toluene	<0.5
Ethyl-benzene	<0.5
Xylenes	<0.5
MTBE	<0.5
CB	**40**
1,2-DCB	**12**
1,3-DCB	**56**
1,4-DCB	**200**
1,1-DCA	**5.5**
1,1-DCE	**3.3**
1,2-DCA	**0.9**
1,2,4-TCB	**22**
Other VOCs	BRL

OW-8	11/05/03
TPHg	--
TPHd	**280/**<50*
TPHmo	**100/**<100*
Dissolved Lead	<8

OW-2	11/05/03
TPHg	--
TPHd	**210/**<50*
TPHmo	<100/<100*
Dissolved Lead	<8

LEGEND

- OW-1 — MONITORING WELL
- PROPERTY LINE
- SD — STORM DRAIN
- EXISTING CHAIN LINK FENCE
- EXISTING UTILITY POLE
- EXTENT OF ASPHALTIC CONCRETE CAP
- * — SILICON GEL CLEANUP METHOD RESULT

TPHg	Total petroleum hydrocarbons as gasoline
TPHd	Total petroleum hydrocarbons as diesel
CB	Chlorobenzene
DCB	Dichlorobenzene
DCA	Dichloroethane
DCE	Dichloroethene
MTBE	Methyl tert-butyl ether
TCB	Trichlorobenzene
TMB	Trimethylbenzene
VOCs	Volatile organic compounds
BRL	Below laboratory reporting limits

N

0 100 200

APPROXIMATE SCALE IN FEET

REFERENCE: BASE MAP BY CSS ENVIROMENTAL SERVICES, INC.
FIGURE 4.1 BY ES DATED 08/2005
JOB #6118; 01/1999

ALL RESULTS REPORTED IN MICROGRAMS/LITER (µg/l)

Innovative Technical Solutions, Inc.

Pacific Gas and Electric
Oakland General Construction Yard
Oakland, California

FIGURE 4
Groundwater Analytical Results
(November 6, 2007)

FILENAME: P:\07037 PG&E_Entrix\07037.0018 PGE-14 Oakland SC UST Program\10.0 CADD\400_CADD Current Drawings\07037.0018 OKLND SC Figure 2-3-4.dwg

PG&E, 1988

GROUNDWATER TECHNOLOGY, INC.
OIL RECOVERY SYSTEMS

Geologist / Engineer [illegible] License No. 4394

Soil Boring OW-1

Drilling Log

Project PG&E/Oakland Owner Pacific Gas & Electric Co.

Location Oakland Project Number 203-799-2727

Date Drilled 3/17/88 Total Depth of Hole 15 ft. Diameter 8 in.

Surface Elevation ____ Water Level Initial 9.5 ft. 24-hrs. ____

Screen: Dia. 2 IN. Length 15 FEET Slot Size .010

Casing: Dia. 2 IN. Length 3 FEET Type PVC

Drilling Company Pacific Gas & Electric Co. Drilling Method Hollow stem auger

Driller R. Hendren Log by D. Higgins

Sketch Map

Notes

Depth (Feet)	Well Construction	TIP (ppm)	Sample Number	Graphic Log	Description/Soil Classification
0					Base course, ± 12 inches
2			A	GM	Brownish-orange sandy gravel with silt (very dense, moist, no product odor)
4		22	B	CL	
6		2.5	C		(Grades to dark grey)
8		3.1	D	GC	Dark grey sandy gravel with clay and silt (very dense, moist, no product odor)
10		3.1	E		▼ Encountered water 3/17/88 (1515hrs)
12		3.0	F		(Grades orangish-brown, wet)
14		2.8	G		(Grades dense)
16					
18					End of boring, installed monitor well.
20					
22					
24					

02100144

PG&E, 1988

FIELD SOIL BORING LOG

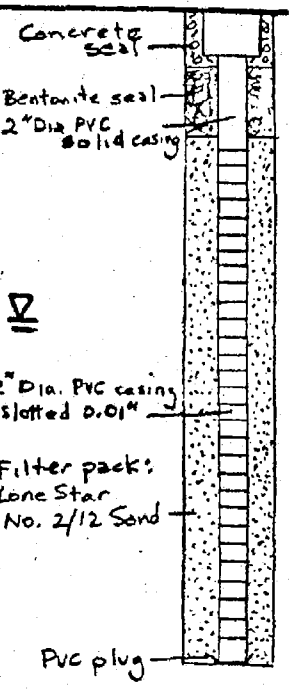
Project	Job No.	Boring No.	Sheet
Oakland GC Yard	TES 3647	OW-2	1 of 1

Ground Elevation	Type & Diameter of Boring	Location
	8" O.D. Hollow-Stem Auger	Coliseum Way, Oakland

Bottom of Hole Elevation	Depth	Groundwater Elevation	Date	Date Started	Finished
	19'	~ 9' below grade	3/21/88	3/21/88	3/22/88

Name of Driller	Name of Inspector	Boring Contractor
Ron Hendren	Eric Johnson	PG and E Mobile B-80

ELEVATION	DESCRIPTION	DEPTH (FT.)	SOIL SYMBOL	SAMPLE TYPE & NUMBER	RECOVERY (INCHES)	BLOWS/ 6 in	NOTES ON GROUNDWATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, METHOD OF ADVANCING BORING, SIZE OF CASING
	PIEZOMETER ONLY. BORING NOT LOGGED. NO SOIL SAMPLES COLLECTED.	0					
	GROUNDWATER ENCOUNTERED AT ~ 9'	5					
		10					
		15					
		20					



Watertight, security traffic box installed at ground surface. 2" pvc cap installed on top of casing.

PG&E, 1988

GROUNDWATER TECHNOLOGY, INC.
OIL RECOVERY SYSTEMS

Geologist / Engineer MB Stern License No. 4394

Soil Boring OW-3

Drilling Log

Project PG&E/Oakland Owner Pacific Gas & Electric

Location Oakland Project Number 203 799 2727

Date Drilled 3/16/88 Total Depth of Hole 14.5 ft Diameter 8 in

Surface Elevation ____ Water Level Initial 9 ft 24-hrs. ____

Screen: Dia. 2 IN. Length 15 FEET Slot Size .010

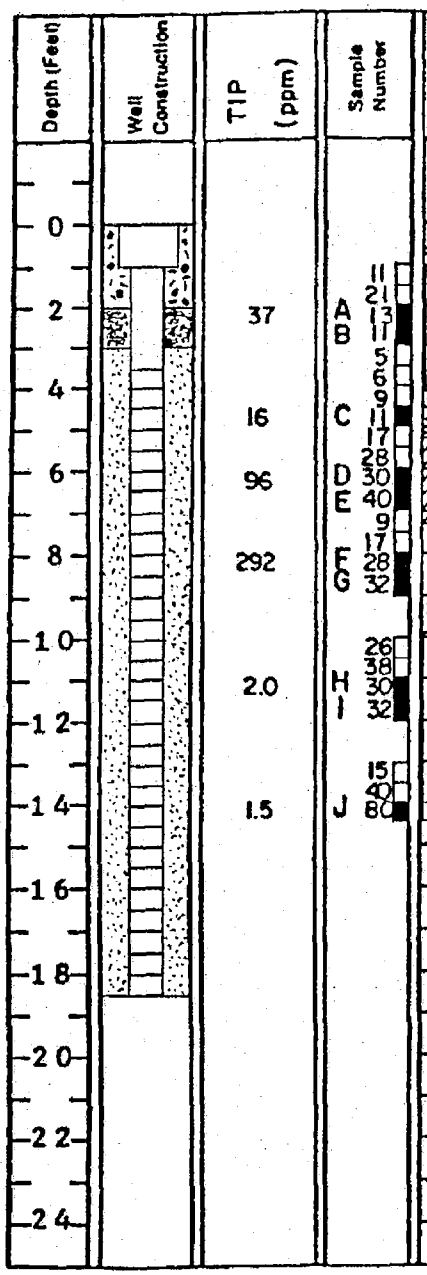
Casing: Dia. 2 IN. Length 3.5 FEET Type PVC

Drilling Company Pacific Gas & Electric Drilling Method Hollow Stem Auger

Driller R. Hendren Log by D. Higgins

Sketch Map

Notes



Description/Soil Classification

Base course, ± 12 inches

Black sandy silt (very stiff, slightly moist, moderate oil odor)

(grades grey, stiff)

Grey silty fine to coarse sand (medium dense, very moist, moderate oil odor)

Black silty clay (hard, very moist, moderate oil odor)
(grades grey)

Greenish grey-black sandy gravel (very dense, very moist, strong oil odor)(sheen on samples)

▼ Encountered water 3/16/88 (0930 hrs.)

Brown sandy, fine to coarse gravel with silt and clay (very dense, wet, no product odor)

End of boring, installed monitor well.

02100144

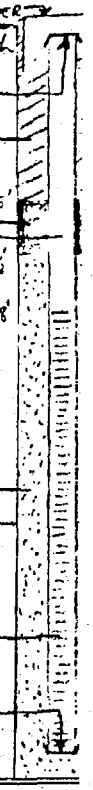
PG&E, 1988

FIELD SOIL BORING LOG

PG and E Oakland GC Yard	Job No. TES 3647	Boring No. OW-4	Sheet 1 of 1
Ground Elevation	Type & Diameter of Boring: 12" O.D. Hollow-Stem Augers	Location: Coliseum Way, Oakland	
Depth of Hole: 20'9"	Groundwater Depth: ~9'	Date: 5/18/88	Date Started: 5/18/88 — Finished: 5/18/88
Name of Driller: Ron Hendren	Name of Inspector / Logger: Darrell Klingman	Boring Contractor: PG and E Mobile B-80	

DESCRIPTION	DEPTH (FT.)	SOIL SYMBOL	SAMPLE TYPE & NUMBER	RECOVERY (INCHES)	BLOWS/6 in.
WELL GRADED GRAVEL - medium brown, dry, dense, gravels to 4" across, FILL (no odor)	0	GW			
CLAY with silt, sand, gravel and debris - dark gray with brown mottling, moist, stiff, FILL, (no odor) saturated @ 2', decreasing gravel content @ 3' moist @ 4', saturated @ 5'	5	CL	2" SS 1-3 1-2	19/24	3 4 9
			2" SS 2-2	16/24	16 6 13 20 33
CLAYEY GRAVEL with sand - medium grayish-green, moist, dense (no odor)		GC	2" SS 3-1	11/17	7 24 50/5" *
SILTY GRAVEL with sand - medium yellowish-brown, wet to saturated (@ 9'), dense (no odor)	10	GM	2" SS 4-2	15/24	7 39 33 30 14
SILTY SAND - medium yellowish-brown, saturated, dense, sand is medium-grained (no odor)		SM	2" SS 5-2	16/24	21 33 25
POORLY GRADED GRAVEL with silt - medium yellowish-brown, saturated, dense, recovered gravels to 1" across (no odor)		GP-GM	5-1		
CLAYEY SAND - light brown, saturated, dense, sand is medium- to coarse-grained (no odor)	15	SC	2" SS 6-1	10/24	8 7 11 22
LEAN CLAY - light brown, saturated, stiff to very stiff (no odor)		CL	2" SS 7-2 7-1		5 7 11 15
	20				
	25				

NOTES ON GROUNDWATER LEVELS, WATER RETURN, CHARACTER OF DRILLING, METHOD OF ADVANCING BORING, SIZE OF CASING



BORING TERMINATED @ 21'9"

MONITORING WELL (2" ϕ) INSTALLED

* sample submitted for lab chemical analysis

WELL CONSTRUCTION

NOTES:

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AQUA RESOURCES, INC.

BORING LOG

LOCATION & NOTES

LOCATION: Oakland, CA	JOB NAME: PG&E	JOB NO: 90262.1	
DRILLING COMPANY: NEW Drilling		BORING NO: OW-5	
DRILLER'S NAME: Anibal		SHEET: 1 of 1	
DRILL RIG: CME55	[ ] Solid Flight Auger [X] Hollow Auger [ ] Rotary Wash		
SAMPLER TYPE: [X] 3.6" I.D. Split Barrel [ ] 2.5" I.D. Shelby Tube [ ]			
DRIVE WEIGHT: LB.	FALL: IN.	START	FINISH
WATER LEVEL (Feet):		TIME: AM 8:40	TIME: AM 10:45
TIME:		DATE: 4/16/91	
DATE:			
CASING DEPTH (FEET):			
ELEVATION: FEET		FIELD ENGINEER:	

DATUM: [ ] Mean Sea Level [ ] Other

BLOWS PER HALF FOOT	BLOWS/FT.	MOISTURE CONTENT %	DRY UNIT WEIGHT (pcf)	DEPTH IN FEET	SAMPLE NO.	
						SURFACE CONDITIONS: gravel
				0		
				1	1	Silty clay, very dark brown to black, moist, soft, slightly plastic, some gravel up to 1/2" diam. (CL)
				2	2	
				3	3	Silty clay, dark gray, moist, medium stiff, slightly plastic, some decomposed rock & gravel up to 1" diam. (CL)
				4	4	
				5	5	
				6	6	Sandy gravelly clay varying to gravelly sandy clay, dark gray mottled with brown & white from decomposed rock, moist, medium stiff to still, slightly plastic, some gravel up to 1" diam. Liquid brown oil at 5' (CL)
				7	7	
				8	8	
				9	9	
				10	10	
				11	11	
				12	12	
				13	13	Clayey sand, with interbedded clayey gravel, medium brown, wet, loose, some gravel up to 1" diam. (SC)
				14	14	
				15	15	
				16	16	Sandy clay, interbedded with silty clay, medium brown with black and reddish brown mottling, saturated, medium stiff to stiff, slightly plastic, small amount of gravel up to 1/4" diam. (CL)
				17	17	
				18	18	
				19	19	
				20	20	
				21	21	
				22	22	
				23	23	
				24	24	

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OBSERVATION WELL INSTALLATION REPORT

Well # OW-5

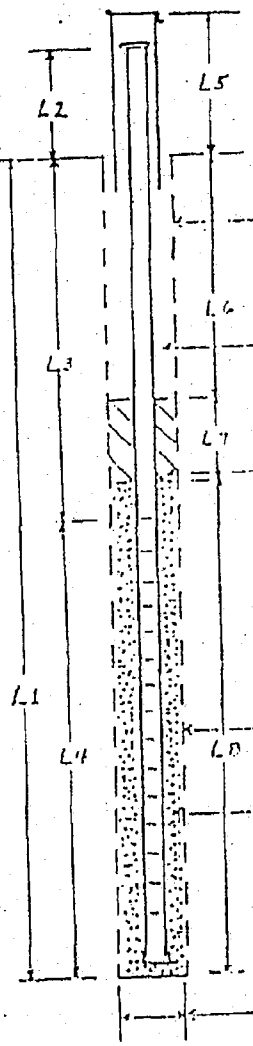
Project PG&E

Location 4930 Coliseum Way, Oakland, CA 94601

Type of Rig CME 55 Installed by HEW Drilling

Date Started 4/16/91 Date Finished 4/16/91

Type of Observation Well water Ground Elev. _____ Casing Top, Elev. _____



L1 16½ feet

L2 ½ foot

L3 6½ feet

L4 10 feet

L5 ½ foot

L6 5 feet

L7 1 foot

L8 10½ feet

Cap locking cap and sealed well cover

Type of Casing 2" pvc

Type of Backfill cement grout

Type of Seal Material bentonite pellets

Size of Openings .020 inch

Type of Filter Material #3 sand

Diameter of Boring 8 inches

Remarks _____

Observed by _____

Aqua, 1992

AQUA RESOURCES, INC.

BORING LOG

LOCATION & NOTES

LOCATION Oakland	JOB NAME PG&E	JOB NO. 90282.2	
DRILLING COMPANY Exceltech/Resna		BORING NO. OW-6	
DRILLER'S NAME Don Jenkins		SHEET 1 OF 2	
DRILL RIG [ ] Solid Flight Auger 8" [X] Hollow Auger [ ] Rotary Wash			
SAMPLER TYPE: [X] 2.5" I.D Split Barrel [ ] 2.0" I.D Shelby Tube [ ] 6FT			
DRIVE WEIGHT 140 LB.	FALL 30 IN.	START TIME 8:05 AM PM	FINISH TIME 8:54 AM PM
WATER LEVEL (Feet) 8'			
TIME 8:15 am		DATE 12/19/91	
DATE 12/19/91			
CASING DEPTH (FEET) 18'			
ELEVATION 3.37' FEET	FIELD ENGINEER Mark Peterson		

DATUM: [ ] Mean Sea Level [X] Other OW-2

SURFACE CONDITIONS:
Graded surface of agregate to base rock, nearly level - Since installation of well the surface has been paved with AC.

BLOWS PER HALF FOOT	BLOWS/ft.	MOISTURE CONTENT %	DRY UNIT WEIGHT (pcf)	DEPTH IN FEET	USCS CLASSIFICATION
				0	
				1	
				2	
				3	
				4	
				5	
				6	
				7	
				8	
16					GC
18				9	
20	38				
				10	SP

Water on top end of sampler with slight sheen
Gravel with interstitial silty clay, olive brown (2.5Y 4/3), saturated. Gravel backfill that penetrated saturated native soil.

Gravelly sand, brown (10YR 4/3), saturated, medium dense, fine to coarse grained sand, poorly sorted, subangular gravel up to 3/4" across.

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AQUA RESOURCES, INC.

BORING LOG

LOCATION & NOTES

LOCATION	JOB NAME PG&E	JOB NO. 90262.2
DRILLING COMPANY Exceltech/Resna		BORING NO. OW-6
DRILLER'S NAME Don Jenkins		SHEET 2 OF 2
DRILL RIG [ ] Solid Flight Auger [X] Hollow Auger [ ] Rotary Wash		
SAMPLER TYPE: [ ] 2.0" I.D. Split Barrel [ ] 2.0" I.D. Shelby Tube [ ] SPT		
DRIVE WEIGHT LB.	FALL IN.	START TIME AM PM
WATER LEVEL (Feet)		FINISH TIME AM PM
TIME		DATE 12/19/91
DATE		
CASING DEPTH (FEET)		
ELEVATION FEET	FIELD ENGINEER Mark Peterson	

DATUM: [ ] Mean Sea Level [ ] Other

SURFACE CONDITIONS:

BLOWS PER HALF FOOT	BLOWS/FT.	MOISTURE CONTENT %	DRY UNIT WEIGHT (pcf)	DEPTH IN FEET	USCS CLASSIFICATION	
				10		
20						
20				11		
15	35					
				12		
				13		
				14	GM	Increased gravel at 14' to 15'
13						
9				15		
6	15				CL/CH	Silty clay with minor very fine grained sand, light yellowish brown (2.3Y5/3), wet, medium stiff to stiff, rare dark brown staining
				16		
				17		
2						
3				18		
4	SPT					Bottom at 18½'
				19		
				20		

Aqua, 1992

AQUA RESOURCES, INC.

OBSERVATION WELL INSTALLATION REPORT

Well # OW-6

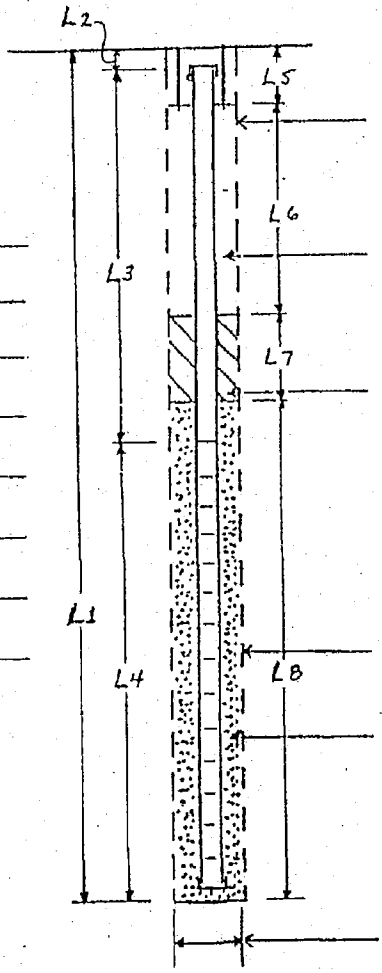
Project PG&E

Location 4930 Coliseum Way, Oakland CA 94601

Type of Rig Mobile B61 Installed by RESNA

Date Started 12/19/91 Date Finished 12/19/91

Type of Observation Well Water Ground Elev. _____ Casing Top, Elev. _____



L1 18½ feet

L2 ¼ foot

L3 7½ feet

L4 10 feet

L5 ½ foot

L6 5 feet

L7 1 foot

L8 12½ feet

Cap locking cap and sealed well cover

Type of Casing 2" PVC

Type of Backfill cement grout

Type of Seal Material bentonite pellets

Size of Openings 0.020

Type of Filter Material 2/12 sand

Diameter of Boring 8 inches

Remarks _____

Observed by M. Peterson/A. Stessman

Aqua, 1992

AQUA RESOURCES, INC.

BORING LOG

LOCATION & NOTES

LOCATION	Oakland
JOB NAME	PG&E
JOB NO	90262.2
DRILLING COMPANY	Exceltech/Resna
BORING NO.	OW-7
DRILLER'S NAME	Don Jenkins
DRILL RIG	8" [X] Hollow Auger [ ] Solid Flight Auger [ ] Rotary Wash
SHEET	1 OF 2
SAMPLER TYPE	[X] 2.5" I.D. Split Barrel [ ] 2.0" I.D. Shelby Tube [ ] SPT
DRIVE WEIGHT	140 LB. FALL 30 IN.
WATER LEVEL (Feet)	13½
TIME	10:00am
DATE	12/19/91
CASING DEPTH (FEET)	17½
ELEVATION	4.76 FEET
START TIME	9:55 AM PM
FINISH TIME	AM PM
DATE	12/19/91
FIELD ENGINEER	M. Peterson/ A. Stessman

DATUM: [ ] Mean Sea Level [X] Other OW-2

BLOWS PER HALF FOOT	BLOWS/ft.	MOISTURE CONTENT %	DRY UNIT WEIGHT (pcf)	DEPTH IN FEET	USCS CLASSIFICATION
				0	
				1	
				2	
				3	
				4	
				5	
				6	
				7	
				8	
20					
12				9	
11	23				SP/SC
				10	

SURFACE CONDITIONS:

Graded surface of aggregate to base rock, nearly level - since well installation the surface has been paved with AC.

NOTE: No OVM = OVM reading of 0.o

Gravel backfill material

Gravelly sand with minor silt and clay, greyish green (5G4/2), medium dense, wet, fine to coarse grained sand, poorly sorted, subangular gravel. Note tarry product visible. No OVM, slight hydrocarbon odor.

Aqua, 1992

AQUA RESOURCES, INC.

BORING LOG

LOCATION & NOTES

LOCATION	Oakland
JOB NAME	PG&E
JOB NO.	90262.2
DRILLING COMPANY	
DRILLER'S NAME	
DRILL RIG	[ ] Solid Flight Auger [ ] Hollow Auger [ ] Rotary Wash
BORING NO.	OW-7
SHEET	2 OF 2
SAMPLER TYPE:	[ ] 2.5" I.D. Split Barrel [ ] 2.0" I.D. Shelby Tube [ ] SPT
DRIVE WEIGHT	LB. FALL IN.
WATER LEVEL (Feet)	
TIME	
DATE	
CASING DEPTH (FEET)	
ELEVATION	FEET
START TIME	AM PM
FINISH TIME	AM PM
DATE	
FIELD ENGINEER	

DATUM: [ ] Mean Sea Level [ ] Other

SURFACE CONDITIONS:

BLOWS PER HALF FOOT	BLOWS/FT.	MOISTURE CONTENT %	DRY UNIT WEIGHT (pcf)	DEPTH IN FEET	USCS CLASSIFICATION	
				10		
				11		
				12		
7					SC	Gravelly sand with increasing clay and silt, yellowish brown (10 YR 516), loose, saturated, fine to coarse grained sand, poorly sorted, subangular gravel. No OVM or odor.
14				13		
11	25					
				14		Silty clay with minor very fine grained sand, light yellowish-brown (2.5Y 613), wet, stiff, rare dark brown staining. No OVM.
				15		
5					CL/CH	
8				16		No recovery/Redrove same interval recovered 100% 2" gravel lense
10	18					
6				17		3" gravelly clay lense
7						
8	15			18		Silty clay with trace sand and gravel, light yellowish brown (2.5Y 613), wet, stiff, common dark brown-brown staining. No OVM.
						Bottom at 18'
				19		
				20		

AQUA RESOURCES, INC.

Aqua, 1992

OBSERVATION WELL INSTALLATION REPORT

Well # OW-7

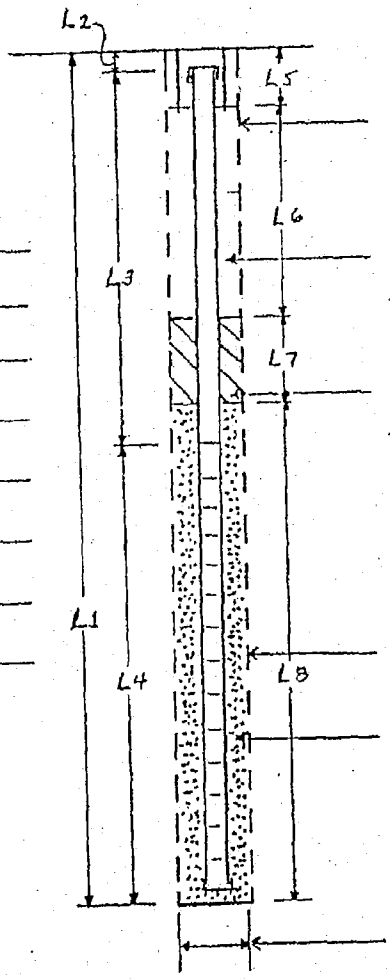
Project PG&E

Location 4930 Coliseum Way, Oakland CA 94601

Type of Rig Mobile B61 Installed by RESNA

Date Started 12/19/91 Date Finished 12/19/91

Type of Observation Well Water Ground Elev. _____ Casing Top, Elev. _____



L1 18 feet
L2 ¼ foot
L3 7½ feet
L4 10 feet
L5 ½ foot
L6 5 feet
L7 1 foot
L8 12 feet

Cap locking cap and sealed well cover

Type of Casing 2" PVC

Type of Backfill cement grout

Type of Seal Material bentonite pellets

Size of Openings 0.020

Type of Filter Material 2/12 sand

Diameter of Boring 8 inches

Remarks _____

Observed by M. Peterson/A. Stessman

ACFCWCD, 1993

The Earth Technology Corporation

Borehole Log

Project Name: PG&E Oakland			Project Number: 690262.03
Borehole Location: 100 ft west of east Prop. line 75' north or south Prop. line	Borehole No. OW-8		Sheet 1 of 1
Drilling Agency: HEW	Driller: Jasper Booker/Mike Campy (helper)		
Drilling Equipment: CME 55	Date Started: 0900 2/10/93	Total Depth (feet): 18'4"	
Drilling Method: Hollow Stem Auger	Date Finished: 0925 2/10/93	Depth to Bedrock (feet):	
Drilling Fluid: NA	Number of Samples: grab only for logging	Depth to Water (feet): 11:30 7.71'	
Completion Information: 2" PVC set bottom @ 18.2' screen (0.020): 8'-18' bentonite: 6'-7' sand (2/12): 7'-18' cement grout: 0.5'-6'	Borehole Diameter (in): 8"	Elevation and Datum:	
	Logged By: MP		
	Checked by:	Date:	

Depth (feet)	Sample: Number	Sample: Interval	Sample: Blow Count	Sample: Recovery	Sample: Time	Field Analysis: FID (ppm) S/B*	Field Analysis: PID (ppm) S/B*	LOG: Graphic	LOG: USCS or Rock Type	Lithologic Description	Remarks
										4" Asphalt over approx 10" lt gray base rock overlying about 10" brown base rock w/ sand, moist	
									ML		
5									CL	SANDY SILT, dk yellowish brown (10YR3/4), moist, some gravel to 1"	
										SANDY CLAY (CL), very dk gray (10YR2/1) to black (2.5YN2/), wet to saturated at 7', medium stiff to soft, fine grained sand, trace gravel	
10									CL		
									SC	SANDY CLAY, dk brown (10YR 2/3), wet, stiff, coarse grained sand, some subangular gravel to ½"	
15									CH		
										CLAYEY SAND, dk yellowish brown (10YR4/4), saturated, medium dense, uncemented	
20										SILTY CLAY (CH), olive gray (5Y5/2), moist to wet, stiff, high plasticity	
										Bottom at 18'4"	
25											
30											

Key * S/B = Sample reading / background reading; NA = not analyzed

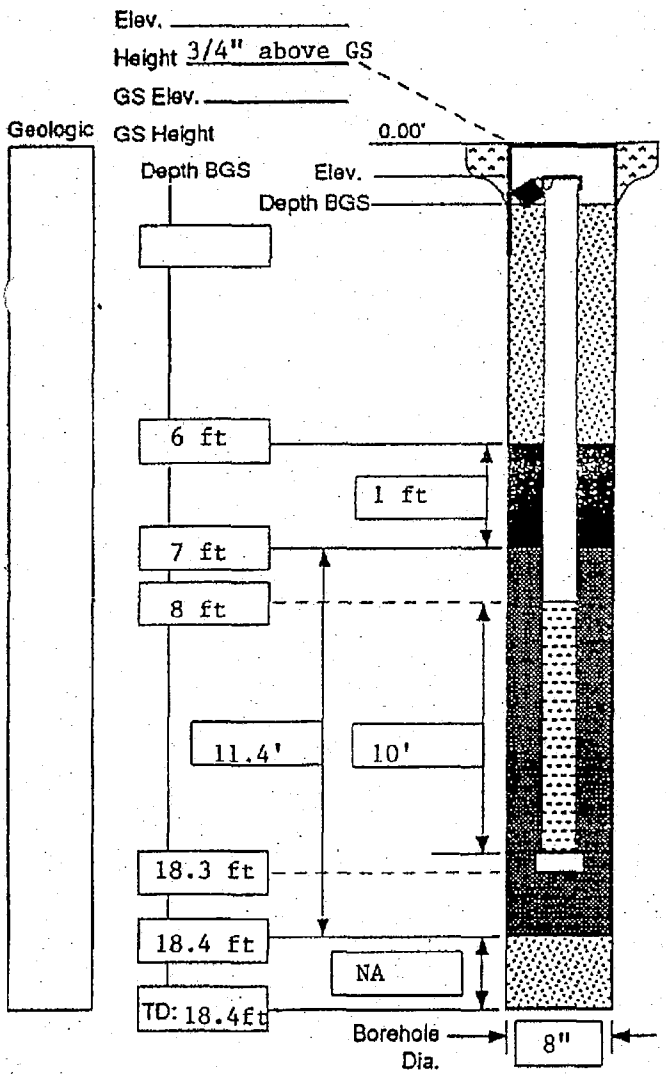
Form F-1009

ACFCWCD, 1993

The Earth Technology Corporation

Monitoring Well Construction Log - Flush Mount

Project Name: PG&E Oakland	Project Number: 690262.03	Date: 2/10/93
Well Observation/monitoring	Well ID: OW-8	Sheet 1 of 1
Driller: Jasper Booker	Borehole Diameter (in): 8"	Total Depth (ft): 18'4"
Drilling Agency: HEW	Date Started: 2/10/93	Depth to Water (ft):
Drilling Equipment: CME-55	Date Finished: 2/10/93	Elevation and Datum:
Drilling Method: Hollow Stem Auger	Logged by: M. Peterson	Checked by:
Drilling Fluid: NA	Number of Samples: 0	Date:



PROTECTIVE CSG Diversified Well Products
Material / Type: Cast Iron cover w/ PVC Sleeve
Diameter: 8" ID/8 3/4" OD
Depth BGS: 9" Weep Hole (Y (N)

GUARD POSTS (Y (N)
No.: Type:

SURFACE PAD
Composition and Size: Concrete - 16" Diameter

RISER PIPE
Type: SCH 40 PVC
Diameter: 2"
Total Length (TOC to TOS): 8'
Ventilated Cap (Y (N)

GROUT
Composition and Proportions: 2-94 lb sacks/13 gal H_2O
Tremied (Y (N)
Interval BGS: 0.5' to 6'

CENTRALIZERS
Depth(s) NA

SEAL 3/8" Bentonite pellets
Type:
Source:
Setup / Hydration Time: 25 min Vol. Fluid Added 3 gallons
Tremied (Y (N) 10:05 - 10:30

FILTER PACK
Type: Lapis Lustre 2/12
Amt. Used: 3-100 lb. sacks
Tremied (Y (N) 7' to 18'4"
Source: RMC Lone star
Gr. Size Dist.:

SCREEN
Type: SCH 40 PVC
Diameter: 2"
Slot Size and Type: 0.020 slot
Interval BGS: 8' to 18'

WELL FOOT (Y / N)
Interval BGS: 18' to 18.3' Length 3½"
Bottom Cap (Y) N)

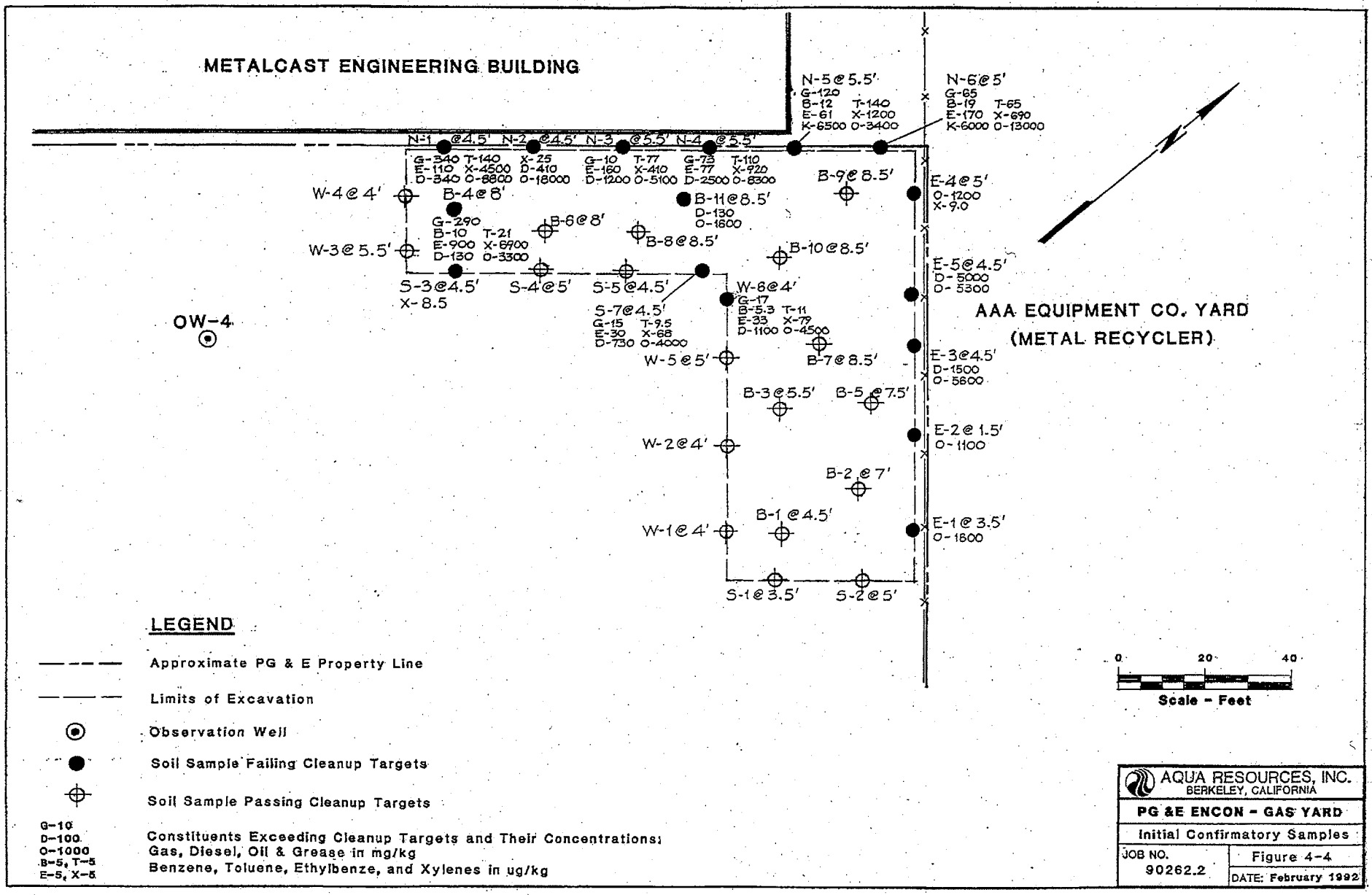
BACKFILL PLUG
Material: NA
Setup / Hydration Time:
Tremied (Y (N)

Form F-1025
2/15/91

APPENDIX C

Historical Waste Oil UST Cluster Excavation Confirmation Soil Sample Locations and Final Excavation Depths

Aqua, 1992



LEGEND

- Approximate PG & E Property Line
- Limits of Excavation
- Observation Well
- Soil Sample Failing Cleanup Targets
- Soil Sample Passing Cleanup Targets

G-10
D-100
O-1000
B-5, T-5
E-5, X-5

Constituents Exceeding Cleanup Targets and Their Concentrations:
Gas, Diesel, Oil & Grease in mg/kg
Benzene, Toluene, Ethylbenze, and Xylenes in ug/kg

AQUA RESOURCES, INC.
BERKELEY, CALIFORNIA

PG &E ENCON - GAS YARD

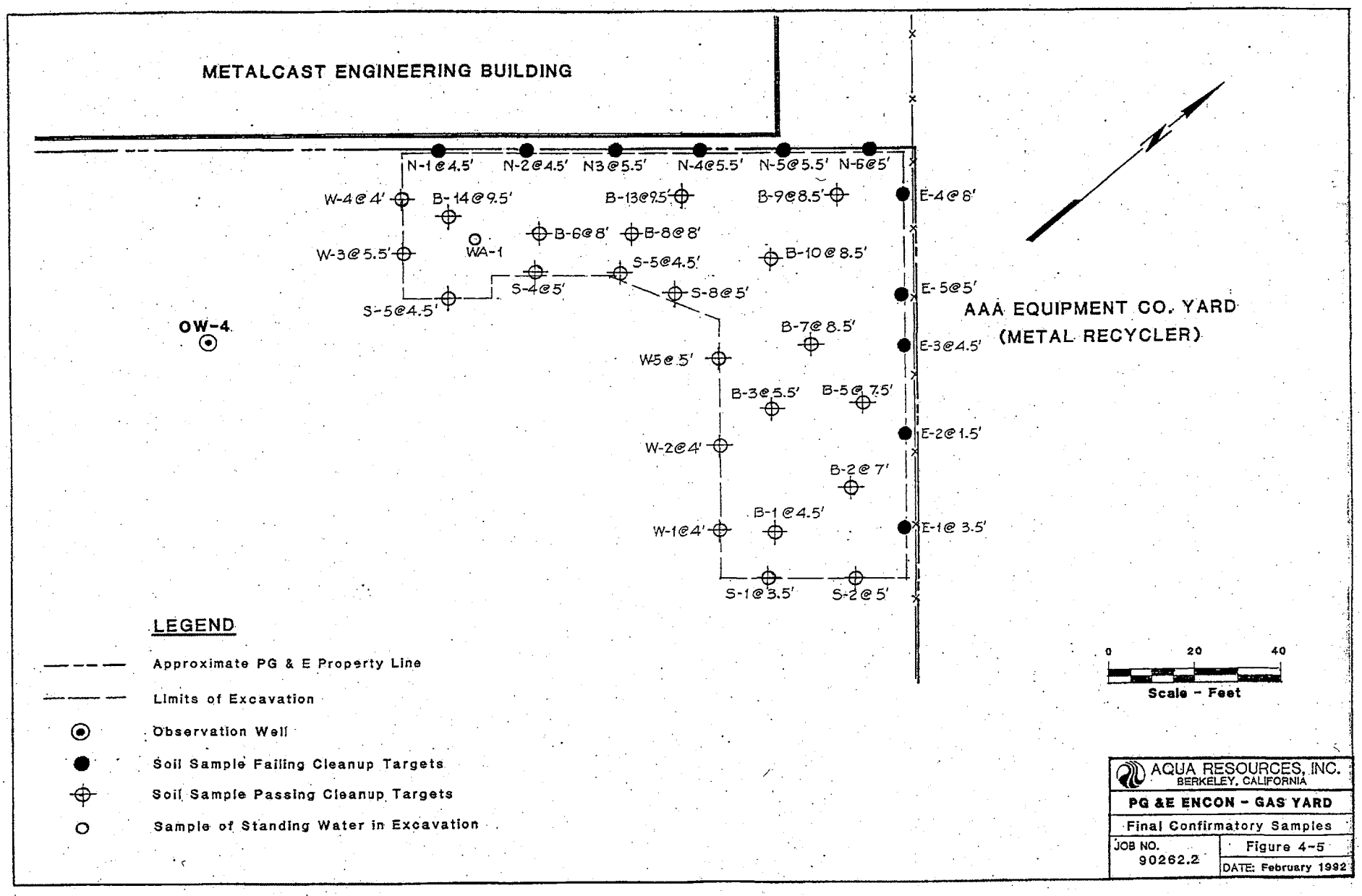
Initial Confirmatory Samples

JOB NO. 90262.2

Figure 4-4

DATE: February 1992

Aqua, 1992



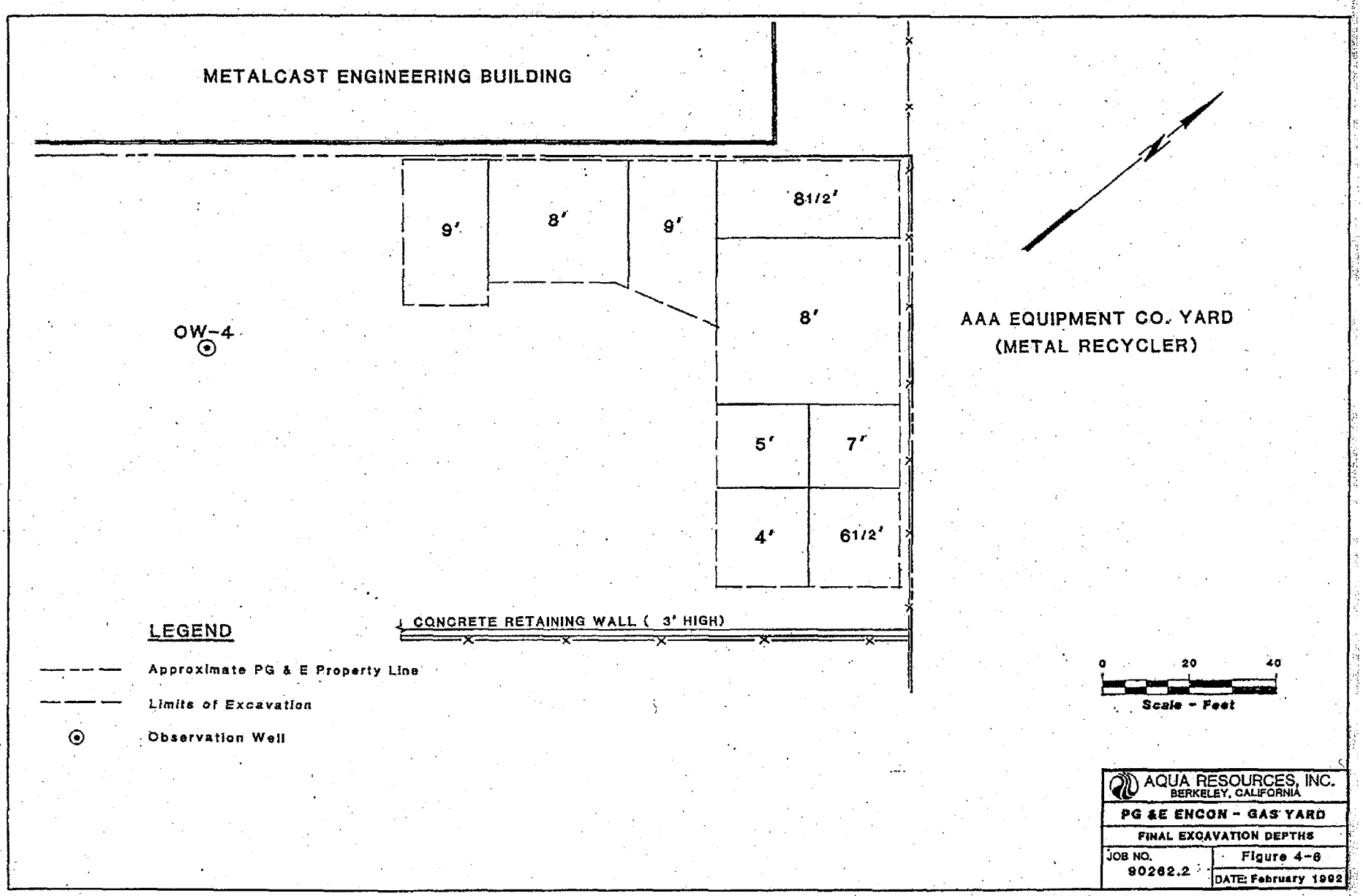
AQUA RESOURCES, INC.
BERKELEY, CALIFORNIA

PG &E ENCON - GAS YARD

Final Confirmatory Samples

JOB NO.	Figure 4-5
90262.2	DATE: February 1992

Aqua, 1992


METALCAST ENGINEERING BUILDING
9'
8'
9'
8 1/2'
8'
5'
7'
4'
6 1/2'
OW-4
AAA EQUIPMENT CO. YARD
(METAL RECYCLER)
CONCRETE RETAINING WALL (3' HIGH)
LEGEND
Approximate PG & E Property Line
Limits of Excavation
Observation Well
0
20
40
Scale - Feet
AQUA RESOURCES, INC.
BERKELEY, CALIFORNIA
PG &E ENCON - GAS YARD
FINAL EXCAVATION DEPTHS
JOB NO.
90262.2
Figure 4-6
DATE: February 1992

APPENDIX D

Soil Boring Logs

PROJECT: PG&E GENERAL CONSTRUCTION YARD Oakland, California				**Boring Log Explanation**
BORING LOCATION:			ELEVATION AND DATUM:	
DRILLING CONTRACTOR:			DATE STARTED:	DATE FINISHED:
DRILLING METHOD:			TOTAL DEPTH (ft.):	MEASURING POINT:
DRILLING EQUIPMENT:			DEPTH TO WATER / FIRST / COMPL. / 24 HRS.	
SAMPLING METHOD:			LOGGED BY:	
HAMMER WEIGHT:	DROP:		RESPONSIBLE PROFESSIONAL:	REG. NO.

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation:	REMARKS
1					**Notes:** 1. Soil described using visual-manual procedures of American Society of Testing and Materials (ASTM) Standard D 2488 for guidance; a Standard based on the Unified Soil Classification System.	
2					2. Soil color described according to Munsell Color Chart.	
3					3. Dashed lines separating soil strata represent inferred boundaries between sampled intervals that may be abrupt or gradual transitions.	
4						
5					4. Solid lines represent approximate boundaries observed within sample intervals.	
6					5. OVM = organic vapor meter, reading in volumetric parts per million (ppm).	
7					6. Odor, if noted is subjective and not necessarily indicative of specific compounds or concentrations.	
8					7. NA = not applicable. 8. ND = no data.	
9					Interval of recovered soil collected with a continuous core sampler.	
10						
11					Interval of no recovery.	
12	SB-1-12.5				Sample collected for chemical analysis and sample identification.	
13						
14						
15						

KEYFORM (REV. 7/99)

PROJECT: PG&E GENERAL CONSTRUCTION YARD Oakland, California	**Log of Boring No. SB-23**
BORING LOCATION: N: 2105614.02; E: 6065591.25	ELEVATION AND DATUM: Not surveyed; datum is ground surface
DRILLING CONTRACTOR: Woodward Drilling Co	DATE STARTED: 1/22/08 / DATE FINISHED: 1/22/08
DRILLING METHOD: Direct push	TOTAL DEPTH (ft.): 12.0 / MEASURING POINT: Ground surface
DRILLING EQUIPMENT: Power Probe 9630 ProD	DEPTH TO WATER (ft.) FIRST: 9.0 / COMPL.: NA
SAMPLING METHOD: AMS dual-tube sampling system [4' x 1 3/8"]	LOGGED BY: M. Webb
HAMMER WEIGHT: NA / DROP: NA	RESPONSIBLE PROFESSIONAL: J. Skaggs / REG. NO.: PG 7823

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: Not surveyed	REMARKS
0					ASPHALTIC CONCRETE : (4 inches thick)	
					AGGREGATE BASE	Hand augered to 5.5 feet bgs. Soil lithology logged from cuttings.
1						
2					CLAYEY SAND (SC): greenish black (10GY 2.5/1), moist, 80% fine sand, 20% low plasticity fines	
3					sand fraction fine to medium	
4					SANDY LEAN CLAY (CL): greenish black (10Y 2.5/1), moist, 60% fines, 40% fine to medium sand, low to medium plasticity, soft	
5					70% fines, 30% fine to medium sand	
6	SB-23-7					
7					GRAVELLY LEAN CLAY with SAND (CL): greenish gray (5GY 5/1) mottled with yellowish brown (10YR 5/8), moist, 50% fines, 30% fine gravel, 20% fine to coarse sand, medium plasticity, firm	
8	SB-23-8					
9					POORLY GRADED SAND with CLAY (SP-SC): dark olive brown (2.5Y 3/3), wet, 90% fine to medium sand, 10% low plasticity fines	
10						
11					LEAN CLAY with SAND (CL): very dark greenish gray (10G 3/1), wet, 85% fines, 15% fine sand, medium plasticity, soft to firm	
12					SANDY LEAN CLAY with GRAVEL (CL): very dark greenish gray (10G 3/1) mottled with yellowish brown (10YR 5/6), wet, 50% fines, 30% fine to coarse sand, 20% fine gravel, medium plasticity, soft to firm	Borehole destroyed using Type I-II neat cement grout placed from total depth to ground surface with a tremie pipe.
13					Bottom of boring at 12.0 feet	
14						
15						

PROJECT: PG&E GENERAL CONSTRUCTION YARD Oakland, California	**Log of Boring No. SB-24**
BORING LOCATION: N: 2105676.13; E: 6065670.82	ELEVATION AND DATUM: Not surveyed; datum is ground surface
DRILLING CONTRACTOR: Woodward Drilling Co	DATE STARTED: 1/22/08 / DATE FINISHED: 1/22/08
DRILLING METHOD: Direct push	TOTAL DEPTH (ft.): 12.0 / MEASURING POINT: Ground surface
DRILLING EQUIPMENT: Power Probe 9630 ProD	DEPTH TO WATER (ft.) FIRST: 9.1 / COMPL.: NA
SAMPLING METHOD: AMS dual-tube sampling system [4' x 1 3/8"]	LOGGED BY: M. Webb
HAMMER WEIGHT: NA / DROP: NA	RESPONSIBLE PROFESSIONAL: J. Skaggs / REG. NO.: PG 7823

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: Not surveyed	REMARKS
0					ASPHALTIC CONCRETE : (4 inches thick)	
					AGGREGATE BASE	Hand augered to 5 feet bgs. Soil lithology logged from cuttings.
1						
2					SANDY LEAN CLAY (CL): greenish black (10Y 2.5/1), moist, 70% fines, 30% fine to medium sand, low plasticity, soft	
3	SB-24-3				medium plasticity, firm	
4						
5						
6					GRAVELLY LEAN CLAY with SAND (CL): very dark greenish gray (10Y 3/1), moist, 50% fines, 30% fine gravel, 20% fine to coarse sand, medium plasticity, soft to firm	
7					LEAN CLAY with SAND (CL): dark greenish gray (10Y 4/1) mottled with yellowish brown (10YR 5/6), moist, 80% fines, 20% fine sand, medium plasticity, firm	
8					yellowish brown (10YR 5/6), 75% fines, 25% fine sand	
9					wet	
10					POORLY GRADED SAND with CLAY and GRAVEL (SP-SC): dark yellowish brown (10YR 4/6), wet, 50% fine to coarse sand, 40% fine gravel, 10% low plasticity fines	
11						
12					Bottom of boring at 12.0 feet	Borehole destroyed using Type I-II neat cement grout placed from total depth to ground surface with a tremie pipe.
13						
14						
15						

OAKBOREV (REV. 8/2007)

PROJECT: PG&E GENERAL CONSTRUCTION YARD Oakland, California	**Log of Boring No. SB-24gw**
BORING LOCATION: N: 2105676.13; E: 6065670.82	ELEVATION AND DATUM: Not surveyed; datum is ground surface
DRILLING CONTRACTOR: Woodward Drilling Co	DATE STARTED: 1/23/08 / DATE FINISHED: 1/23/08
DRILLING METHOD: Direct push	TOTAL DEPTH (ft.): 16.0 / MEASURING POINT: Ground surface
DRILLING EQUIPMENT: Power Probe 9630 ProD	DEPTH TO WATER (ft.) — FIRST: NA / COMPL.: NA
SAMPLING METHOD: AMS dual-tube sampling system [4' x 1 3/8"]	LOGGED BY: M. Webb
HAMMER WEIGHT: NA / DROP: NA	RESPONSIBLE PROFESSIONAL: J. Skaggs / REG. NO.: PG 7823

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: Not surveyed		REMARKS
					See log of boring SB-24 for lithologic descriptions		Grab groundwater sample SB-24-GW-12-16 collected through 5 feet of 1-inch OD Sch. 40 PVC screen (0.010-inch slot size) placed in borehole from 11 to 16 feet bgs. Drive casing retracted from bottom of boring to 12 feet bgs to maintain surface seal.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

OAKBOREV (REV. 8/2007)

PROJECT: PG&E GENERAL CONSTRUCTION YARD
Oakland, California

Log of Boring No. SB-24gw (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.		REMARKS
					See log of boring SB-24 for lithologic descriptions		
16					Bottom of boring at 16.0 feet		Borehole destroyed using Type I-II neat cement grout placed from total depth to ground surface with a tremie pipe.
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							

PROJECT: PG&E GENERAL CONSTRUCTION YARD
Oakland, California

Log of Boring No. SB-25

BORING LOCATION: N: 2105750.07; E: 6065752.96	ELEVATION AND DATUM: Not surveyed; datum is ground surface
DRILLING CONTRACTOR: Woodward Drilling Co	DATE STARTED: 1/22/08 / DATE FINISHED: 1/22/08
DRILLING METHOD: Direct push	TOTAL DEPTH (ft.): 19.0 / MEASURING POINT: Ground surface
DRILLING EQUIPMENT: Power Probe 9630 ProD	DEPTH TO WATER (ft.) FIRST: 10.8 / COMPL.: NA
SAMPLING METHOD: AMS dual-tube sampling system [4' x 1 3/8"]	LOGGED BY: M. Webb
HAMMER WEIGHT: NA / DROP: NA	RESPONSIBLE PROFESSIONAL: J. Skaggs / REG. NO.: PG 7823

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/Foot	OVM READING (ppm)	DESCRIPTION: NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	REMARKS
					Surface Elevation: Not surveyed	
0					ASPHALTIC CONCRETE : (4 inches thick)	
					AGGREGATE BASE	Hand augered to 5 feet bgs. Soil lithology logged from cuttings.
1						
2	SB-25-2			0.2	LEAN CLAY with SAND (CL): greenish black (10Y 2.5/1), moist, 80% fines, 20% fine sand, low plasticity, soft	
3						OVM = MiniRAE 2000 PID calibrated with 100 ppm isobutylene standard.
4						
5						
6						
7				0.1	GRAVELLY LEAN CLAY with SAND (CL): very dark gray (N 3/) mottled with dark yellowish brown (10YR 3/6), moist, 50% fines, 30% fine to medium gravel, 20% fine to coarse sand, low plasticity, firm	
8						
9	SB-25-10					
10					POORLY GRADED SAND with CLAY and GRAVEL (SP-SC): very dark grayish brown (2.5Y 3/2), moist, 50% fine to coarse sand, 35% fine gravel, 15% low plasticity fines	
					dark yellowish brown (10YR 4/6)	
11	SB-25-11			0.1	wet	
12						
13						
					SANDY LEAN CLAY (CL)	
14					POORLY GRADED SAND with GRAVEL (SP-SC): dark yellowish brown (10YR 4/6), wet, 80% fine to coarse sand, 15% fine gravel, 5% fines	
15						

PROJECT: PG&E GENERAL CONSTRUCTION YARD
Oakland, California

Log of Boring No. SB-25 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	REMARKS
16					SANDY LEAN CLAY (CL) LEAN CLAY (CL): light olive brown (2.5Y 5/3), wet, 95% fines, 5% fine sand, medium plasticity, firm	
19					Bottom of boring at 19.0 feet	Borehole destroyed using Type I-II neat cement grout placed from total depth to ground surface with a tremie pipe.

I:\PROJECT\...\13045.007\10000 BORING LOGS\GINT LOGS\DRAWINGS\SB-25/GDW OAKBOREV (REV. 8/2007)

PROJECT: PG&E GENERAL CONSTRUCTION YARD Oakland, California	**Log of Boring No. SB-25a**
BORING LOCATION: N: 2105750.07; E: 6065752.96	ELEVATION AND DATUM: Not surveyed; datum is ground surface
DRILLING CONTRACTOR: Woodward Drilling Co	DATE STARTED: 1/22/08 / DATE FINISHED: 1/22/08
DRILLING METHOD: Direct push	TOTAL DEPTH (ft.): 9.0 / MEASURING POINT: Ground surface
DRILLING EQUIPMENT: Power Probe 9630 ProD	DEPTH TO WATER (ft.) FIRST: 5.5 / COMPL.: NA
SAMPLING METHOD: AMS dual-tube sampling system [4' x 1 3/8"]	LOGGED BY: M. Webb
HAMMER WEIGHT: NA / DROP: NA	RESPONSIBLE PROFESSIONAL: J. Skaggs / REG. NO.: PG 7823

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: Not surveyed	REMARKS
0					ASPHALTIC CONCRETE : (4 inches thick)	
1					POORLY GRADED GRAVEL with SAND (GP): olive brown (2.5Y 4/3), moist, 65% fine gravel, 30% fine to coarse sand, 5% fines	Hand augered to 2 feet bgs. Soil lithology logged from cuttings.
2						
3						
4						
5						
6					wet	
7						
8						
9					Bottom of boring at 9.0 feet	Borehole destroyed using Type I-II neat cement grout placed from total depth to ground surface with a tremie pipe.
10						
11						
12						
13						
14						
15						

OAKBOREV (REV. 8/2007)

PROJECT: PG&E GENERAL CONSTRUCTION YARD Oakland, California	**Log of Boring No. SB-25b**
BORING LOCATION: N: 2105750.07; E: 6065752.96	ELEVATION AND DATUM: Not surveyed; datum is ground surface
DRILLING CONTRACTOR: NA	DATE STARTED: 3/12/08 / DATE FINISHED: 3/12/08
DRILLING METHOD: Hand auger	TOTAL DEPTH (ft.): 4.5 / MEASURING POINT: Ground surface
DRILLING EQUIPMENT: Hand auger	DEPTH TO WATER (ft.) FIRST: NA / COMPL.: NA
SAMPLING METHOD: Hand auger	LOGGED BY: M. Webb
HAMMER WEIGHT: NA / DROP: NA	RESPONSIBLE PROFESSIONAL: J. Skaggs / REG. NO.: PG 7823

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	REMARKS
					Surface Elevation: Not surveyed	
0					ASPHALTIC CONCRETE : (4 inches thick)	
					AGGREGATE BASE	Hand augered to 4.5 feet bgs. Soil lithology logged from cuttings.
1						
2	SB-25-2.5	■				
3						
4	SB-25-4.5	■			LEAN CLAY with SAND (CL): very dark gray (N 3/), moist, 80% fines, 20% fine sand, low plasticity, soft	
5					Bottom of boring at 4.5 feet	Borehole destroyed using Type II-V neat cement grout placed from total depth to ground surface.
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						

OAKBOREV (REV. 8/2007)

PROJECT: PG&E GENERAL CONSTRUCTION YARD Oakland, California	**Log of Boring No. SB-25gw**
BORING LOCATION: N: 2105750.07; E: 6065752.96	ELEVATION AND DATUM: Not surveyed; datum is ground surface
DRILLING CONTRACTOR: Woodward Drilling Co	DATE STARTED: 1/23/08 / DATE FINISHED: 1/24/08
DRILLING METHOD: Direct push	TOTAL DEPTH (ft.): 19.0 / MEASURING POINT: Ground surface
DRILLING EQUIPMENT: Power Probe 9630 ProD	DEPTH TO WATER (ft.) FIRST: 4.0 / COMPL.: NA
SAMPLING METHOD: AMS dual-tube sampling system [4' x 1 3/8"]	LOGGED BY: M. Webb
HAMMER WEIGHT: NA / DROP: NA	RESPONSIBLE PROFESSIONAL: J. Skaggs / REG. NO. PG 7823

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: Not surveyed		REMARKS
					See log of boring SB-25 for lithologic description		
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							

PROJECT: PG&E GENERAL CONSTRUCTION YARD
Oakland, California

Log of Boring No. SB-25gw (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.		REMARKS
					See log of boring SB-25 for lithologic description		
16							Grab groundwater sample SB-25-GW-14-19 collected through 5 feet of 1-inch OD Sch. 40 PVC screen (0.010-inch slot size) placed in borehole from 14 to 19 feet bgs. Drive casing retracted from bottom of boring to 14 feet bgs to maintain surface seal.
17							
18							
19					Bottom of boring at 19.0 feet		
20							Borehole destroyed using Type I-II neat cement grout placed from total depth to ground surface with a tremie pipe.
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							

PROJECT: PG&E GENERAL CONSTRUCTION YARD Oakland, California	**Log of Boring No. SB-26**
BORING LOCATION: N: 2105830.95; E: 6065803.15	ELEVATION AND DATUM: Not surveyed; datum is ground surface
DRILLING CONTRACTOR: Woodward Drilling Co	DATE STARTED: 1/23/08 / DATE FINISHED: 1/23/08
DRILLING METHOD: Direct push	TOTAL DEPTH (ft.): 12.0 / MEASURING POINT: Ground surface
DRILLING EQUIPMENT: Power Probe 9630 ProD	DEPTH TO WATER (ft.) FIRST: 5.6 / COMPL.: NA
SAMPLING METHOD: AMS dual-tube sampling system [4' x 1 3/8"]	LOGGED BY: M. Webb
HAMMER WEIGHT: NA / DROP: NA	RESPONSIBLE PROFESSIONAL: J. Skaggs / REG. NO.: PG 7823

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: Not surveyed	REMARKS
0					ASPHALTIC CONCRETE : (4 inches thick)	
1					POORLY GRADED SAND with GRAVEL (SP): dark olive brown (2.5Y 3/3), moist, 70% fine to coarse sand, 25% fine to medium gravel, 5% fines	Hand augered to 4 feet bgs. Soil lithology logged from cuttings.
2						
3					65% fine to coarse sand, 30% fine to coarse gravel, 5% fines	OVM = MiniRAE 2000 PID calibrated with 100 ppm isobutylene standard.
4						
5				0.2		Grab groundwater sample SB-26-GW-7-12 collected from adjacent companion boring through 5 feet of 1-inch OD Sch. 40 PVC screen (0.010-inch slot size) placed in borehole from 7 to 12 feet bgs. Drive casing retracted from bottom of boring to 7 feet bgs to maintain surface seal.
6					wet	
7					POORLY GRADED GRAVEL (GP): dark greenish gray (10GY 4/1), wet, 85% fine to coarse gravel, 10% fine to coarse sand, 5% fines	
8						
9	SB-26-9.5				CLAYEY SAND with GRAVEL (SC): dark greenish gray (10GY 4/1), wet, 55% fine to coarse sand, 35% low plasticity fines, 10% fine gravel	
10					dark yellowish brown (10YR 4/4)	Stringers of black liquid present from 8 to 10 feet bgs.
11						
12					Bottom of boring at 12.0 feet	Borehole destroyed using Type I-II neat cement grout placed from total depth to ground surface with a tremie pipe.
13						
14						
15						

OAKBOREV (REV. 8/2007)

PROJECT: PG&E GENERAL CONSTRUCTION YARD Oakland, California	**Log of Boring No. SB-27**
BORING LOCATION: N: 2105847.95; E: 6065842.59	ELEVATION AND DATUM: Not surveyed; datum is ground surface
DRILLING CONTRACTOR: Woodward Drilling Co	DATE STARTED: 1/24/08 / DATE FINISHED: 1/24/08
DRILLING METHOD: Direct push	TOTAL DEPTH (ft.): 16.0 / MEASURING POINT: Ground surface
DRILLING EQUIPMENT: Power Probe 9630 ProD	DEPTH TO WATER (ft.) FIRST: 10.3 / COMPL.: NA
SAMPLING METHOD: AMS dual-tube sampling system [4' x 1 3/8"]	LOGGED BY: M. Webb
HAMMER WEIGHT: NA / DROP: NA	RESPONSIBLE PROFESSIONAL: J. Skaggs / REG. NO.: PG 7823

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: Not surveyed	REMARKS
0					ASPHALTIC CONCRETE : (4 inches thick)	
1					POORLY GRADED SAND with GRAVEL (SP): very dark grayish brown (2.5Y 3/2), moist, 75% fine sand, 20% fine to coarse gravel, 5% fines	Hand augered to 5 feet bgs. Soil lithology logged from cuttings.
2						
3					LEAN CLAY with GRAVEL (CL): dark greenish gray (5GY 4/1) mottled with dark yellowish brown (10YR 4/6), moist, 60% fines, 30% fine to coarse gravel, 10% fine to coarse sand, medium plasticity, soft	
4					plant debris	
5					LEAN CLAY (CL): black (10YR 2/1), moist, 90% fines, 10% fine sand, medium plasticity, soft, stringers of black liquid, odor	
6						Grab groundwater sample SB-27-GW-11-16 collected through 5 feet of 1-inch OD Sch. 40 PVC screen (0.010-inch slot size) placed in borehole from 11 to 16 feet bgs. Drive casing retracted from bottom of boring to 11 feet bgs to maintain surface seal.
7					CLAYEY SAND with GRAVEL (SC): dark greenish gray (10GY 4/1), moist, 55% fine to coarse sand, 30% medium plasticity fines, 15% fine gravel, odor	
8						
9						
10						
11					wet	
12					dark yellowish brown (10YR 4/6) 55% fine to coarse sand, 25% fine to coarse gravel, 20% low plasticity fines	
13						
14						
15						

PROJECT: PG&E GENERAL CONSTRUCTION YARD
Oakland, California

Log of Boring No. SB-27 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.		REMARKS
					CLAYEY SAND with GRAVEL (SC): con'd		
16					Bottom of boring at 16.0 feet		Borehole destroyed using Type I-II neat cement grout placed from total depth to ground surface with a tremie pipe.
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							

PROJECT: PG&E GENERAL CONSTRUCTION YARD Oakland, California	**Log of Boring No. SB-28**
BORING LOCATION: N: 2105808.3; E: 6065872.42	ELEVATION AND DATUM: Not surveyed; datum is ground surface
DRILLING CONTRACTOR: Woodward Drilling Co	DATE STARTED: 1/24/08 / DATE FINISHED: 1/24/08
DRILLING METHOD: Direct push	TOTAL DEPTH (ft.): 16.0 / MEASURING POINT: Ground surface
DRILLING EQUIPMENT: Power Probe 9630 ProD	DEPTH TO WATER (ft.) FIRST: 11.7 / COMPL.: NA
SAMPLING METHOD: AMS dual-tube sampling system [4' x 1 3/8"]	LOGGED BY: M. Webb
HAMMER WEIGHT: NA / DROP: NA	RESPONSIBLE PROFESSIONAL: J. Skaggs / REG. NO.: PG 7823

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: Not surveyed	REMARKS
0					ASPHALTIC CONCRETE : (4 inches thick)	
1–6					POORLY GRADED GRAVEL with SAND (GP): very dark grayish brown (2.5Y 3/2), moist, 65% fine to coarse gravel, 30% fine to coarse sand, 5% fines	Hand augered to 5 feet bgs. Soil lithology logged from cuttings.
6–7	SB-28-7				LEAN CLAY (CL): very dark grayish brown (10YR 3/2), moist, 90% fines, 10% fine sand, medium plasticity, soft	
7–9					LEAN CLAY with SAND (CL): very dark grayish brown (10YR 3/2) mottled with yellowish brown (10YR 5/8) moist, 75% fines, 15% fine to coarse sand, 10% fine gravel, medium plasticity, firm	
9–11					SANDY LEAN CLAY with GRAVEL (CL): dark yellowish brown (10YR 4/4) mottled with yellowish brown (10YR 5/8), moist, 50% fines, 30% fine to medium sand, 20% fine gravel, medium plasticity, soft	
11–13					CLAYEY SAND with GRAVEL (SC): dark yellowish brown (10YR 4/6), wet, 55% fine to coarse sand, 30% medium plasticity fines, 15% fine to coarse gravel dark greenish gray (5GY 4/1) dark yellowish brown (10YR 4/6)	
13–15					SANDY LEAN CLAY (CL): dark yellowish brown (10YR 4/6), wet, 70% fines, 30% fine sand, low plasticity soft	

PROJECT: PG&E GENERAL CONSTRUCTION YARD
Oakland, California

Log of Boring No. SB-28 (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	REMARKS
					SANDY LEAN CLAY (CL): cont'd	
16					LEAN CLAY with SAND (CL): dark grayish brown (2.5Y 4/2), wet, 85% fines, 15% fine sand, medium plasticity, soft Bottom of boring at 16.0 feet	Borehole destroyed using Type I-II neat cement grout placed from total depth to ground surface with a tremie pipe.
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PROJECT: PG&E GENERAL CONSTRUCTION YARD Oakland, California	**Log of Boring No. SB-28gw**
BORING LOCATION: N: 2105808.3; E: 6065872.42	ELEVATION AND DATUM: Not surveyed; datum is ground surface
DRILLING CONTRACTOR: Woodward Drilling Co	DATE STARTED: 2/7/08 / DATE FINISHED: 2/8/08
DRILLING METHOD: Direct push	TOTAL DEPTH (ft.): 16.0 / MEASURING POINT: Ground surface
DRILLING EQUIPMENT: Power Probe 9630 ProD	DEPTH TO WATER (ft.) FIRST: NA / COMPL.: NA
SAMPLING METHOD: AMS dual-tube sampling system [4' x 1 3/8"]	LOGGED BY: M. Webb
HAMMER WEIGHT: NA / DROP: NA	RESPONSIBLE PROFESSIONAL: J. Skaggs / REG. NO.: PG 7823

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: Not surveyed		REMARKS
					See log of boring SB-28 for lithologic descriptions.		Hand augered to 5.5 feet bgs.
11							Grab groundwater sample SB-28-GW-11-16 collected through 5 feet of 1-inch OD Sch. 40 PVC screen (0.010-inch slot size) placed in borehole from 11 to 16 feet bgs. Drive casing retracted from bottom of boring to 11 feet bgs to maintain surface seal.

PROJECT: PG&E GENERAL CONSTRUCTION YARD
Oakland, California

Log of Boring No. SB-28gw (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.		REMARKS
					See log of boring SB-28 for lithologic descriptions.		
16					Bottom of boring at 16.0 feet		Borehole destroyed using Type II-V neat cement grout placed from total depth to ground surface with a tremie pipe.
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PROJECT: PG&E GENERAL CONSTRUCTION YARD Oakland, California	**Log of Boring No. SB-29**
BORING LOCATION: N: 2105787.49; E: 6065810.09	ELEVATION AND DATUM: Not surveyed; datum is ground surface
DRILLING CONTRACTOR: Woodward Drilling Co	DATE STARTED: 1/22/08 / DATE FINISHED: 1/22/08
DRILLING METHOD: Direct push	TOTAL DEPTH (ft.): 37.0 / MEASURING POINT: Ground surface
DRILLING EQUIPMENT: Power Probe 9630 ProD	DEPTH TO WATER (ft.) FIRST: 9.5 / COMPL.: NA
SAMPLING METHOD: AMS dual-tube sampling system [4' x 1 3/8"]	LOGGED BY: M. Webb
HAMMER WEIGHT: NA / DROP: NA	RESPONSIBLE PROFESSIONAL: J. Skaggs / REG. NO.: PG 7823

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: Not surveyed	REMARKS
0					ASPHALTIC CONCRETE : (4 inches thick)	
					AGGREGATE BASE	Hand augered to 5 feet bgs. Soil lithology logged from cuttings.
1						
2						OVM = MiniRAE 2000 PID calibrated with 100 ppm isobutylene standard.
3				2.1		
4					LEAN CLAY with SAND (CL): greenish black (10Y 2.5/1), moist, 80% fines, 20% fine sand, low plasticity, soft	
5						
6					POORLY GRADED GRAVEL with SAND (GP)	
7					GRAVELLY LEAN CLAY with SAND (CL): very dark greenish gray (10Y 3/1) mottled with dark yellowish brown (10YR 4/6), moist, 50% fines, 30% fine gravel, 20% fine to coarse sand, low plasticity, firm	
8	SB-29-8			0.2		
9	SB-29-9				POORLY GRADED SAND with CLAY and GRAVEL (SP-SC): dark greenish gray (5G 4/1), moist, 50% fine to coarse sand, 35% fine gravel, 15% low plasticity fines	
10					wet	
11					yellowish brown (10YR 5/6)	
12					POORLY GRADED SAND with CLAY (SP-SC)	
13				0.1	POORLY GRADED SAND with GRAVEL (SP): dark yellowish brown (10YR 4/6), wet, 65% fine to coarse sand, 30% fine gravel, 5% fines	
14						
15						

PROJECT: PG&E GENERAL CONSTRUCTION YARD
Oakland, California

Log of Boring No. SB-29 (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.		REMARKS
					POORLY GRADED SAND with GRAVEL (SP): cont'd		
16					LEAN CLAY with SAND (CL): light olive brown (2.5Y 5/3), wet, 95% fines, 5% fine sand, medium plasticity, firm		
17							
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21							
22							
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24							
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29							
30							
31							
32					POORLY GRADED SAND with CLAY (SP-SC): light olive brown (2.5Y 5/4), wet, 90% fine sand, 10% medium plasticity fines		
33							

PROJECT: PG&E GENERAL CONSTRUCTION YARD
Oakland, California

Log of Boring No. SB-29 (cont'd)

DEPTH (feet)	SAMPLES Sample No.	SAMPLES Sample	SAMPLES Blows/ Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.		REMARKS
					sand fraction fine to coarse		
34					POORLY GRADED SAND with CLAY (SP-SC): cont'd		
35					LEAN CLAY (CL): light olive brown (2.5Y 5/4), wet, 95% fine, 5% fine sand, medium plasticity, firm		
36					POORLY GRADED SAND with CLAY (SP-SC): light olive brown (2.5Y 5/4), wet, 90% fine sand, 10% low plasticity fines		
37					Bottom of boring at 37.0 feet		Borehole destroyed using Type I-II neat cement grout placed from total depth to ground surface with a tremie pipe. Soil expanding in sleeve to 4 feet after having only driven the casing to 2 feet from 28 to 37 feet bgs.
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PROJECT: PG&E GENERAL CONSTRUCTION YARD Oakland, California	**Log of Boring No. SB-29a**
BORING LOCATION: N: 2105787.49; E: 6065810.09	ELEVATION AND DATUM: Not surveyed; datum is ground surface
DRILLING CONTRACTOR: NA	DATE STARTED: 3/12/08 / DATE FINISHED: 3/12/08
DRILLING METHOD: Hand auger	TOTAL DEPTH (ft.): 4.5 / MEASURING POINT: Ground surface
DRILLING EQUIPMENT: Hand auger	DEPTH TO WATER (ft.) FIRST: NA / COMPL.: NA
SAMPLING METHOD: Hand auger	LOGGED BY: M. Webb
HAMMER WEIGHT: NA / DROP: NA	RESPONSIBLE PROFESSIONAL: J. Skaggs / REG. NO. PG 7823

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: Not surveyed	REMARKS
0					ASPHALTIC CONCRETE : (4 inches thick)	
					AGGREGATE BASE	Hand augered to 4.5 feet bgs. Soil lithology logged from cuttings.
1						
2	SB-29-2.0					
3						
4	SB-29-4.5				LEAN CLAY with SAND (CL): greenish black (10Y 2.5/1), moist, 80% fines, 20% fine sand, low plasticity, soft	
5					Bottom of boring at 4.5 feet	Borehole destroyed using Type II-V neat cement grout placed in borehole from total depth to ground surface.
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7						
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12						
13						
14						
15						

PROJECT: PG&E GENERAL CONSTRUCTION YARD Oakland, California	**Log of Boring No. SB-29gw**
BORING LOCATION: N: 2105787.49; E: 6065810.09	ELEVATION AND DATUM: Not surveyed; datum is ground surface
DRILLING CONTRACTOR: Woodward Drilling Co	DATE STARTED: 1/23/08 / DATE FINISHED: 1/24/08
DRILLING METHOD: Direct push	TOTAL DEPTH (ft.): 38.0 / MEASURING POINT: Ground surface
DRILLING EQUIPMENT: Power Probe 9630 ProD	DEPTH TO WATER (ft.) FIRST: 14.0 / COMPL.: NA
SAMPLING METHOD: AMS dual-tube sampling system [4' x 1 3/8"]	LOGGED BY: M. Webb
HAMMER WEIGHT: NA / DROP: NA	RESPONSIBLE PROFESSIONAL: J. Skaggs / REG. NO. PG 7823

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: Not surveyed		REMARKS
					See log of boring SB-29 for lithologic descriptions.		
1							
2							
3							
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9							
10							Grab groundwater sample SB-29-GW-11-16 collected through 5 feet of 1-inch OD Sch. 40 PVC screen (0.010-inch slot size) placed in borehole from 11 to 16 feet bgs.
11							
12							Drive casing retracted from bottom of boring to 11 feet bgs to maintain surface seal.
13							
14							
15							

PROJECT: PG&E GENERAL CONSTRUCTION YARD
Oakland, California

Log of Boring No. SB-29gw (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.		REMARKS
					See log of boring SB-29 for lithologic descriptions.		
16							
17							
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28							
29							Grab groundwater sample SB-29-GW-32-38 collected through 5 feet of 1-inch OD Sch. 40 PVC screen (0.010-inch slot size) placed in borehole from 33 to 38 feet bgs.
30							
31							
32							Drive casing retracted from bottom of boring to 32 feet bgs to maintain surface seal.
33							

PROJECT: PG&E GENERAL CONSTRUCTION YARD
Oakland, California

Log of Boring No. SB-29gw (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.		REMARKS
34					See log of boring SB-29 for lithologic descriptions.		
35							
36							
37							
38					Bottom of boring at 38.0 feet		Borehole destroyed using Type I-II neat cement grout placed from total depth to ground surface with a tremie pipe.
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PROJECT: PG&E GENERAL CONSTRUCTION YARD Oakland, California	**Log of Boring No. SB-30**
BORING LOCATION: N: 2105713.89; E: 6065763.72	ELEVATION AND DATUM: Not surveyed; datum is ground surface
DRILLING CONTRACTOR: Woodward Drilling Co	DATE STARTED: 2/7/08 / DATE FINISHED: 2/8/08
DRILLING METHOD: Direct push	TOTAL DEPTH (ft.): 35.0 / MEASURING POINT: Ground surface
DRILLING EQUIPMENT: Power Probe 9630 ProD	DEPTH TO WATER (ft.) FIRST: 4.8 / COMPL.: NA
SAMPLING METHOD: AMS dual-tube sampling system [4' x 1 3/8"]	LOGGED BY: M. Webb
HAMMER WEIGHT: NA / DROP: NA	RESPONSIBLE PROFESSIONAL: J. Skaggs / REG. NO.: PG 7823

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: Not surveyed	REMARKS
0					ASPHALTIC CONCRETE : (4 inches thick)	
1					GRAVELLY LEAN CLAY with SAND (CL): brown (10YR 4/3), moist, 65% fines, 20% fine to coarse gravel, 15% fine to coarse sand, low plasticity, soft	Hand augered to 3.5 feet bgs. Soil lithology logged from cuttings.
2					CLAYEY SAND with GRAVEL (SC): black (2.5Y 2.5/1), moist, 55% fine to coarse sand, 25% fine gravel, 20% low plasticity fines	
3						OVM = MiniRAE 2000 PID calibrated with 100 ppm isobutylene standard.
4					LEAN CLAY with SAND (CL): black (2.5Y 2.5/1), moist, 80% fines, 20% fine sand, medium plasticity, soft	
5					CLAYEY GRAVEL with SAND (GC): black (2.5Y 2.5/1), wet, 50% fine to coarse gravel, 35% fine to coarse sand, 15% low plasticity fines	
6						
7					LEAN CLAY with SAND (CL): black (2.5Y 2.5/1), moist, 85% fines, 15% fine sand, low plasticity, soft	
8				0	LEAN CLAY (CL): black (2.5Y 2.5/1), moist, 90% fines, 10% fine sand, low plasticity, soft	
9				0.3		
10	SB-30-10.5			0	GRAVELLY LEAN CLAY with SAND (CL): dark gray (2.5Y 4/1), moist, 50% fines, 30% fine to coarse gravel, 20% fine to coarse sand, low plasticity, firm	
11					CLAYEY SAND with GRAVEL (SC): dark yellowish brown (10YR 4/6), wet, 50% fine to coarse sand, 35% fine to coarse gravel, 15% low plasticity fines	
12						
13				0.5		
14					LEAN CLAY (CL): dark yellowish brown (10YR 4/6), wet, 90% fines, 10% fine sand, low plasticity, soft CLAYEY SAND with GRAVEL (SC)	
15						

PROJECT: PG&E GENERAL CONSTRUCTION YARD
Oakland, California

Log of Boring No. SB-30 (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	REMARKS
16				0.6	light olive brown (2.5Y 5/4) LEAN CLAY (CL): cont'd	
17					firm	
18						
19					pale yellow (2.5Y 8/2)	
20				0.4		
21					light brownish gray (2.5Y 6/2)	
22						
23						
24						
25						
26				0.5		
27						
28						
29						Grab groundwater sample SB-30-GW-30-35 collected from adjacent companion boring through 5 feet of 1-inch OD Sch. 40 PVC screen (0.010-inch slot size) placed in borehole from 30 to 35 feet bgs. Drive casing retracted from bottom of boring to 30 feet bgs to maintain surface seal.
30						
31						
32					LEAN CLAY with SAND (CL): dark yellowish brown (10YR 4/6), wet, 80% fines, 20% fine sand, low plasticity, firm	
33						

PROJECT: PG&E GENERAL CONSTRUCTION YARD
Oakland, California

Log of Boring No. SB-30 (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.		REMARKS
34				0.4	POORLY GRADED SAND (SC): dark yellowish brown (10YR 4/6), wet, 90% fine to medium sand, 10% low plasticity fines		
35					LEAN CLAY (CL): dark yellowish brown (10YR 4/6), wet, 95% fines, 5% fine sand, low plasticity, firm		
36					Bottom of boring at 35.0 feet		Borehole destroyed using Type I-II neat cement grout placed from total depth to ground surface with a tremie pipe.
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PROJECT: PG&E GENERAL CONSTRUCTION YARD Oakland, California	**Log of Boring No. SB-30gw**
BORING LOCATION: N: 2105713.89; E: 6065763.72	ELEVATION AND DATUM: Not surveyed; datum is ground surface
DRILLING CONTRACTOR: Woodward Drilling Co	DATE STARTED: 2/7/08 / DATE FINISHED: 2/8/08
DRILLING METHOD: Direct push	TOTAL DEPTH (ft.): 16.0 / MEASURING POINT: Ground surface
DRILLING EQUIPMENT: Power Probe 9630 ProD	DEPTH TO WATER (ft.) FIRST: 2.0 / COMPL.: NA
SAMPLING METHOD: AMS dual-tube sampling system [4' x 1 3/8"]	LOGGED BY: M. Webb
HAMMER WEIGHT: NA / DROP: NA	RESPONSIBLE PROFESSIONAL: J. Skaggs / REG. NO.: PG 7823

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: Not surveyed		REMARKS
					See log of boring SB-30 for lithologic descriptions.		
10							Grab groundwater sample SB-30-GW-16-12 collected through 5 feet of 1-inch OD Sch. 40 PVC screen (0.010-inch slot size) placed in borehole from 11 to 16 feet bgs. Drive casing retracted from bottom of boring to 12 feet bgs to maintain surface seal.

PROJECT: PG&E GENERAL CONSTRUCTION YARD
Oakland, California

Log of Boring No. SB-30gw (cont'd)

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.		REMARKS
					See log of boring SB-30 for lithologic descriptions.		
16					Bottom of boring at 16.0 feet		Borehole destroyed using Type I-II neat cement grout placed from total depth to ground surface with a tremie pipe.
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18							
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PROJECT: PG&E GENERAL CONSTRUCTION YARD Oakland, California	**Log of Boring No. SB-31**
BORING LOCATION: N: 2105857.82; E: 6065827.14	ELEVATION AND DATUM: Not surveyed; datum is ground surface
DRILLING CONTRACTOR: Woodward Drilling Co	DATE STARTED: 1/24/08 / DATE FINISHED: 1/24/08
DRILLING METHOD: Direct push	TOTAL DEPTH (ft.): 12.0 / MEASURING POINT: Ground surface
DRILLING EQUIPMENT: Power Probe 9630 ProD	DEPTH TO WATER (ft.) FIRST: 7.5 / COMPL.: NA
SAMPLING METHOD: AMS dual-tube sampling system [4' x 1 3/8"]	LOGGED BY: M. Webb
HAMMER WEIGHT: NA / DROP: NA	RESPONSIBLE PROFESSIONAL: J. Skaggs / REG. NO.: PG 7823

DEPTH (feet)	SAMPLES: Sample No.	SAMPLES: Sample	SAMPLES: Blows/ Foot	OVM READING (ppm)	DESCRIPTION NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter. Surface Elevation: Not surveyed	REMARKS
0					ASPHALTIC CONCRETE : (4 inches thick)	
1					POORLY GRADED SAND with GRAVEL (SP): very dark grayish brown (2.5Y 3/2), moist, 75% fine to coarse sand, 20% fine gravel, 5% fines	Hand augered to 5 feet bgs. Soil lithology logged from cuttings.
2					60% fine to coarse sand, 35% fine to coarse gravel, 5% fines	
3						
4					minor amounts of plastic debris	
5						
6						Grab groundwater sample SB-31-GW-6-8 collected from adjacent companion boring through 5 feet of 1-inch OD Sch. 40 PVC screen (0.010-inch slot size) placed in borehole from 3 to 8 feet bgs. Drive casing retracted from bottom of boring to 6 feet bgs to maintain surface seal.
7						
8					LEAN CLAY with SAND (CL): black (10YR 2/1), wet, 85% fines, 15% fine sand, low plasticity, soft	
9						
10					LEAN CLAY with SAND and GRAVEL (CL): very dark grayish green (5G 3/2), wet, 60% fines, 25% fine to coarse sand, 15% fine gravel, medium plasticity, firm	
11					LEAN CLAY with SAND (CL): grayish green (5G 5/2), wet, 75% fines, 25% fine sand, low plasticity, soft	Borehole destroyed using Type I-II neat cement grout placed from total depth to ground surface with a tremie pipe.
12					Bottom of boring at 12.0 feet	
13						
14						
15						

OAKBOREV (REV. 8/2007)

APPENDIX E

Analytical Laboratory Reports

CREEK ENVIRONMENTAL LABORATORIES, INC.
A Minority-owned Business Enterprise
141 SUBURBAN ROAD, SUITE C-5 • SAN LUIS OBISPO, CA 93401 • (805) 545-9838 • FAX (805) 545-0107

Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1230
Order: P0463
Project: PG&E Oak Gen. Const. Yard 13045.007
Received: 01/25/08
Printed: 02/15/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-23-7	Matt Webb	01/22/08@09:45	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Benzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Bromobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Bromochloromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Bromodichloromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Bromoform	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Bromomethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
t-Butylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
n-Butylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
sec-Butyl Benzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Carbon Tetrachloride	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Chlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Chloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
2-Chloroethylvinyl ether	Not Detected	20	1	ug/Kg	EPA 8260	02/05/08		4375
Chloroform	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Chloromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
2-Chlorotoluene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
4-Chlorotoluene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2-Dibromo-3-Chloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Dibromochloromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Dibromomethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2-Dibromoethane (EDB)	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Dichlorodifluoromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2-Dichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,3-Dichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,4-Dichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1-Dichloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2-Dichloroethane (EDC)	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1-Dichloroethene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
cis-1,2-Dichloroethene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1230
Order: P0463
Project: PG&E Oak Gen. Const. Yard 13045.007
Received: 01/25/08
Printed: 02/15/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-23-7	Matt Webb	01/22/08@09:45	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
trans-1,2-Dichloethene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2-Dichloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,3-Dichloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
2,2-Dichloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1-Dichloropropene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
cis-1,3-Dichloropropene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
trans-1,3-Dichloropropene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Ethylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Hexachlorobutadiene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Isopropylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
4-Isopropyltoluene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Methylene Chloride	Not Detected	20	1	ug/Kg	EPA 8260	02/05/08		4375
Naphthalene	Not Detected	20	1	ug/Kg	EPA 8260	02/05/08		4375
n-Propylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Styrene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1,1,2-Tetrachloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1,2,2-Tetrachloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Tetrachloroethene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Toluene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2,3-Trichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2,4-Trichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1,1-Trichloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1,2-Trichloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Trichloroethene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Trichlorofluoromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2,3-Trichloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2,4-Trimethylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,3,5-Trimethylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Vinyl Chloride	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1230
Order: P0463
Project: PG&E Oak Gen. Const. Yard 13045.007
Received: 01/25/08
Printed: 02/15/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-23-7	Matt Webb	01/22/08@09:45	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
m,p-Xylenes	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
o-Xylene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

CREEK ENVIRONMENTAL LABORATORIES, INC.
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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1231
Order: P0463
Project: PG&E Oak Gen. Const. Yard 13045.007
Received: 01/25/08
Printed: 02/15/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-23-8	Matt Webb	01/22/08@09:50	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
TPH as Diesel, SGT	Not Detected	10	1	mg/Kg	EPA 8015/LUFT	02/04/08	01/28/08	4227
TPH as Motor Oil, SGT	Not Detected	10	1	mg/Kg	EPA 8015/LUFT	02/04/08	01/28/08	4228

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

CREEK ENVIRONMENTAL LABORATORIES, INC.
A Minority-owned Business Enterprise
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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1232
Order: P0463
Project: PG&E Oak Gen. Const. Yard 13045.007
Received: 01/25/08
Printed: 02/15/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-24-3	Matt Webb	01/22/08@10:15	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
TPH as Diesel, SGT	Not Detected	10	1	mg/Kg	EPA 8015/LUFT	02/04/08	01/28/08	4227
TPH as Motor Oil, SGT	Not Detected	10	1	mg/Kg	EPA 8015/LUFT	02/04/08	01/28/08	4228
Benzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Bromobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Bromochloromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Bromodichloromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Bromoform	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Bromomethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
t-Butylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
n-Butylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
sec-Butyl Benzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Carbon Tetrachloride	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Chlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Chloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
2-Chloroethylvinyl ether	Not Detected	20	1	ug/Kg	EPA 8260	02/05/08		4375
Chloroform	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Chloromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
2-Chlorotoluene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
4-Chlorotoluene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2-Dibromo-3-Chloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Dibromochloromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Dibromomethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2-Dibromoethane (EDB)	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Dichlorodifluoromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2-Dichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,3-Dichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,4-Dichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1-Dichloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2-Dichloroethane (EDC)	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1232
Order: P0463
Project: PG&E Oak Gen. Const. Yard 13045.007
Received: 01/25/08
Printed: 02/15/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-24-3	Matt Webb	01/22/08@10:15	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
1,1-Dichloroethene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
cis-1,2-Dichloroethene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
trans-1,2-Dichloethene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2-Dichloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,3-Dichloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
2,2-Dichloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1-Dichloropropene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
cis-1,3-Dichloropropene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
trans-1,3-Dichloropropene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Ethylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Hexachlorobutadiene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Isopropylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
4-Isopropyltoluene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Methylene Chloride	Not Detected	20	1	ug/Kg	EPA 8260	02/05/08		4375
Naphthalene	Not Detected	20	1	ug/Kg	EPA 8260	02/05/08		4375
n-Propylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Styrene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1,1,2-Tetrachloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1,2,2-Tetrachloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Tetrachloroethene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Toluene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2,3-Trichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2,4-Trichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1,1-Trichloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1,2-Trichloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Trichloroethene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Trichlorofluoromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2,3-Trichloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2,4-Trimethylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375

CREEK ENVIRONMENTAL LABORATORIES, INC.
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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1232
Order: P0463
Project: PG&E Oak Gen. Const. Yard 13045.007
Received: 01/25/08
Printed: 02/15/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-24-3	Matt Webb	01/22/08@10:15	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
1,3,5-Trimethylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Vinyl Chloride	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
m,p-Xylenes	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
o-Xylene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

CREEK ENVIRONMENTAL LABORATORIES, INC.
A Minority-owned Business Enterprise
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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1233
Order: P0463
Project: PG&E Oak Gen. Const. Yard 13045.007
Received: 01/25/08
Printed: 02/15/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-25-2	Matt Webb	01/22/08@12:35	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Mercury	0.13	0.04	1	mg/Kg	EPA 7471	01/31/08	01/30/08	4091
Antimony	1.1	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	4203
Arsenic	4.3	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	4203
Barium	560	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	4203
Beryllium	Not Detected	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	4203
Cadmium	0.4	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	4203
Chromium	46	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	4203
Cobalt	11	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	4203
Copper	34	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	4203
Lead	74	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	4203
Molybdenum	1.2	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	4203
Nickel	65	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	4203
Selenium	Not Detected	0.5	1	mg/Kg	EPA 6020	02/04/08	01/30/08	4203
Silver	Not Detected	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	4203
Thallium	Not Detected	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	4203
Vanadium	48	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	4203
Zinc	130	4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	4203

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

CREEK ENVIRONMENTAL LABORATORIES, INC.
A Minority-owned Business Enterprise
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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1234
Order: P0463
Project: PG&E Oak Gen. Const. Yard 13045.007
Received: 01/25/08
Printed: 02/15/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-25-10	Matt Webb	01/22/08@13:15	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Benzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Bromobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Bromochloromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Bromodichloromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Bromoform	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Bromomethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
t-Butylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
n-Butylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
sec-Butyl Benzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Carbon Tetrachloride	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Chlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Chloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
2-Chloroethylvinyl ether	Not Detected	20	1	ug/Kg	EPA 8260	02/05/08		4375
Chloroform	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Chloromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
2-Chlorotoluene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
4-Chlorotoluene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2-Dibromo-3-Chloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Dibromochloromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Dibromomethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2-Dibromoethane (EDB)	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Dichlorodifluoromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2-Dichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,3-Dichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,4-Dichlorobenzene	13	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1-Dichloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2-Dichloroethane (EDC)	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1-Dichloroethene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
cis-1,2-Dichloroethene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1234
Order: P0463
Project: PG&E Oak Gen. Const. Yard 13045.007
Received: 01/25/08
Printed: 02/15/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-25-10	Matt Webb	01/22/08@13:15	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
trans-1,2-Dichloethene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2-Dichloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,3-Dichloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
2,2-Dichloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1-Dichloropropene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
cis-1,3-Dichloropropene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
trans-1,3-Dichloropropene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Ethylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Hexachlorobutadiene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Isopropylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
4-Isopropyltoluene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Methylene Chloride	Not Detected	20	1	ug/Kg	EPA 8260	02/05/08		4375
Naphthalene	Not Detected	20	1	ug/Kg	EPA 8260	02/05/08		4375
n-Propylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Styrene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1,1,2-Tetrachloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1,2,2-Tetrachloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Tetrachloroethene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Toluene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2,3-Trichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2,4-Trichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1,1-Trichloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1,2-Trichloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Trichloroethene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Trichlorofluoromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2,3-Trichloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2,4-Trimethylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,3,5-Trimethylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Vinyl Chloride	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1234
Order: P0463
Project: PG&E Oak Gen. Const. Yard 13045.007
Received: 01/25/08
Printed: 02/15/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-25-10	Matt Webb	01/22/08@13:15	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
m,p-Xylenes	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
o-Xylene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

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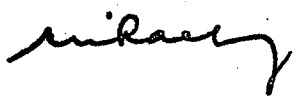

Lab Director, Michael Ng

CREEK ENVIRONMENTAL LABORATORIES, INC.
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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1235
Order: P0463
Project: PG&E Oak Gen. Const. Yard 13045.007
Received: 01/25/08
Printed: 02/15/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-25-11	Matt Webb	01/22/08@13:25	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
TPH as Diesel, SGT	Not Detected	10	1	mg/Kg	EPA 8015/LUFT	02/04/08	01/28/08	4227
TPH as Motor Oil, SGT	Not Detected	10	1	mg/Kg	EPA 8015/LUFT	02/04/08	01/28/08	4228
Acenaphthene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Acenaphthylene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Anthracene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Benz[a]anthracene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Benzo[a]pyrene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Benzo[b]fluoranthene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Benzo[ghi]perylene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Benzo[k]fluoranthene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Chrysene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Dibenz[a,h]anthracene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Fluoranthene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Fluorene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Indeno[1,2,3-cd]pyrene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Naphthalene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Phenanthrene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Pyrene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

CREEK ENVIRONMENTAL LABORATORIES, INC.
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2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1236
Order: P0463
Project: PG&E Oak Gen. Const. Yard 13045.007
Received: 01/25/08
Printed: 02/15/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-29-8	Matt Webb	01/22/08@14:30	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Benzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Bromobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Bromochloromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Bromodichloromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Bromoform	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Bromomethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
t-Butylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
n-Butylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
sec-Butyl Benzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Carbon Tetrachloride	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Chlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Chloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
2-Chloroethylvinyl ether	Not Detected	20	1	ug/Kg	EPA 8260	02/05/08		4375
Chloroform	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Chloromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
2-Chlorotoluene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
4-Chlorotoluene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2-Dibromo-3-Chloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Dibromochloromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Dibromomethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2-Dibromoethane (EDB)	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Dichlorodifluoromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2-Dichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,3-Dichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,4-Dichlorobenzene	40	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1-Dichloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2-Dichloroethane (EDC)	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1-Dichloroethene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
cis-1,2-Dichloroethene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375

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2101 Webster St.
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Log Number: 08-C1236
Order: P0463
Project: PG&E Oak Gen. Const. Yard 13045.007
Received: 01/25/08
Printed: 02/15/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-29-8	Matt Webb	01/22/08@14:30	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
trans-1,2-Dichloethene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2-Dichloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,3-Dichloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
2,2-Dichloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1-Dichloropropene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
cis-1,3-Dichloropropene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
trans-1,3-Dichloropropene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Ethylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Hexachlorobutadiene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Isopropylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
4-Isopropyltoluene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Methylene Chloride	Not Detected	20	1	ug/Kg	EPA 8260	02/05/08		4375
Naphthalene	Not Detected	20	1	ug/Kg	EPA 8260	02/05/08		4375
n-Propylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Styrene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1,1,2-Tetrachloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1,2,2-Tetrachloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Tetrachloroethene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Toluene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2,3-Trichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2,4-Trichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1,1-Trichloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1,2-Trichloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Trichloroethene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Trichlorofluoromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2,3-Trichloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2,4-Trimethylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,3,5-Trimethylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Vinyl Chloride	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1236
Order: P0463
Project: PG&E Oak Gen. Const. Yard 13045.007
Received: 01/25/08
Printed: 02/15/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-29-8	Matt Webb	01/22/08@14:30	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
m,p-Xylenes	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
o-Xylene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

CREEK ENVIRONMENTAL LABORATORIES, INC.
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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1237
Order: P0463
Project: PG&E Oak Gen. Const. Yard 13045.007
Received: 01/25/08
Printed: 02/15/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-29-9	Matt Webb	01/22/08@14:35	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
TPH as Diesel, SGT	Not Detected	10	1	mg/Kg	EPA 8015/LUFT	02/04/08	01/28/08	4227
TPH as Motor Oil, SGT	Not Detected	10	1	mg/Kg	EPA 8015/LUFT	02/04/08	01/28/08	4228
TPH as Gasoline	Not Detected	0.5	1	mg/Kg	EPA 8015/LUFT	02/04/08		4223
Acenaphthene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Acenaphthylene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Anthracene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Benz[a]anthracene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Benzo[a]pyrene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Benzo[b]fluoranthene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Benzo[ghi]perylene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Benzo[k]fluoranthene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Chrysene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Dibenz[a,h]anthracene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Fluoranthene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Fluorene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Indeno[1,2,3-cd]pyrene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Naphthalene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Phenanthrene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Pyrene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

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Jonathan Skaggs
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2101 Webster St.
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Log Number: 08-C1238
Order: P0463
Project: PG&E Oak Gen. Const. Yard 13045-007
Received: 01/25/08
Printed: 02/15/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-24-GW-12-16	Matt Webb	01/23/08@10:00	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
TPH as Diesel, SGT	0.62	0.05	1	mg/L	EPA 8015/LUFT	02/04/08	01/30/08	4229
TPH as Motor Oil, SGT	1.9	0.1	1	mg/L	EPA 8015/LUFT	02/04/08	01/30/08	4230
Benzene	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
Toluene	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
Ethylbenzene	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
m,p-Xylene	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
o-Xylene	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
Chlorobenzene	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
1,2-Dichlorobenzene	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
1,3-Dichlorobenzene	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
1,4-Dichlorobenzene	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
1,2-Dichloroethane (EDC)	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
1,2-Dibromoethane (EDB)	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
Bromobenzene	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
Bromochloromethane	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
Bromodichloromethane	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
Bromoform	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
Bromomethane	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
n-Butylbenzene	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
sec-Butyl Benzene	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
t-Butylbenzene	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
Carbon Tetrachloride	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
Chloroethane	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
2-Chloroethylvinyl ether	Not Detected	200	10	ug/L	EPA 8260	02/05/08		4559
Chloroform	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
Chloromethane	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
2-Chlorotoluene	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
4-Chlorotoluene	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
1,2-Dibromo-3-Chloropropane	Not Detected	10	10	ug/L	EPA 8260	02/05/08		4559

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Log Number: 08-C1238
Order: P0463
Project: PG&E Oak Gen. Const. Yard 13045-007
Received: 01/25/08
Printed: 02/15/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-24-GW-12-16	Matt Webb	01/23/08@10:00	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Dibromochloromethane	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
Dibromomethane	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
Dichlorodifluoromethane	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
1,1-Dichloroethane	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
1,1-Dichloroethene	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
cis-1,2-Dichloroethene	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
trans-1,2-Dichloethene	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
1,2-Dichloropropane	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
1,3-Dichloropropane	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
2,2-Dichloropropane	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
1,1-Dichloropropene	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
cis-1,3-Dichloropropene	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
trans-1,3-Dichloropropene	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
Hexachlorobutadiene	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
Isopropylbenzene	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
4-Isopropyltoluene	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
Methylene Chloride	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
Naphthalene	Not Detected	50	10	ug/L	EPA 8260	02/05/08		4559
n-Propylbenzene	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
Styrene	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
1,1,1,2-Tetrachloroethane	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
1,1,2,2-Tetrachloroethane	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
Tetrachloroethene	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
1,2,3-Trichlorobenzene	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
1,2,4-Trichlorobenzene	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
1,1,1-Trichloroethane	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
1,1,2-Trichloroethane	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
Trichloroethene	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
Trichlorofluoromethane	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1238
Order: P0463
Project: PG&E Oak Gen. Const. Yard 13045-007
Received: 01/25/08
Printed: 02/15/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-24-GW-12-16	Matt Webb	01/23/08@10:00	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
1,2,3-Trichloropropane	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
1,2,4-Trimethylbenzene	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
1,3,5-Trimethylbenzene	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559
Vinyl Chloride	Not Detected	5	10	ug/L	EPA 8260	02/05/08		4559

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1239
Order: P0463
Project: PG&E Oak Gen. Const. Yard 13045-007
Received: 01/25/08
Printed: 02/15/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-26-9.5	Matt Webb	01/23/08@16:00	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Mercury	0.20	0.04	1	mg/Kg	EPA 7471	01/31/08	01/30/08	4091
TPH as Diesel, SGT	390	10	1	mg/Kg	EPA 8015/LUFT	02/04/08	01/28/08	4227
TPH as Motor Oil, SGT	320	10	1	mg/Kg	EPA 8015/LUFT	02/04/08	01/28/08	4228
Benzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Bromobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Bromochloromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Bromodichloromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Bromoform	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Bromomethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
t-Butylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
n-Butylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
sec-Butyl Benzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Carbon Tetrachloride	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Chlorobenzene	21	5	1	ug/Kg	EPA 8260	02/05/08		4375
Chloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
2-Chloroethylvinyl ether	Not Detected	20	1	ug/Kg	EPA 8260	02/05/08		4375
Chloroform	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Chloromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
2-Chlorotoluene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
4-Chlorotoluene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2-Dibromo-3-Chloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Dibromochloromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Dibromomethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2-Dibromoethane (EDB)	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Dichlorodifluoromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2-Dichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,3-Dichlorobenzene	100	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,4-Dichlorobenzene	240	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1-Dichloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1239
Order: P0463
Project: PG&E Oak Gen. Const. Yard 13045-007
Received: 01/25/08
Printed: 02/15/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-26-9.5	Matt Webb	01/23/08@16:00	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
1,2-Dichloroethane (EDC)	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1-Dichloroethene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
cis-1,2-Dichloroethene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
trans-1,2-Dichloethene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2-Dichloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,3-Dichloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
2,2-Dichloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1-Dichloropropene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
cis-1,3-Dichloropropene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
trans-1,3-Dichloropropene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Ethylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Hexachlorobutadiene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Isopropylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
4-Isopropyltoluene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Methylene Chloride	Not Detected	20	1	ug/Kg	EPA 8260	02/05/08		4375
Naphthalene	Not Detected	20	1	ug/Kg	EPA 8260	02/05/08		4375
n-Propylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Styrene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1,1,2-Tetrachloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1,2,2-Tetrachloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Tetrachloroethene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Toluene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2,3-Trichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2,4-Trichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1,1-Trichloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,1,2-Trichloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Trichloroethene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Trichlorofluoromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,2,3-Trichloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1239
Order: P0463
Project: PG&E Oak Gen. Const. Yard 13045-007
Received: 01/25/08
Printed: 02/15/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-26-9.5	Matt Webb	01/23/08@16:00	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
1,2,4-Trimethylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
1,3,5-Trimethylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Vinyl Chloride	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
m,p-Xylenes	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
o-Xylene	Not Detected	5	1	ug/Kg	EPA 8260	02/05/08		4375
Acenaphthene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Acenaphthylene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Anthracene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Benz[a]anthracene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Benzo[a]pyrene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Benzo[b]fluoranthene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Benzo[ghi]perylene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Benzo[k]fluoranthene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Chrysene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Dibenz[a,h]anthracene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Fluoranthene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Fluorene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Indeno[1,2,3-cd]pyrene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Naphthalene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Phenanthrene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Pyrene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	01/25/08	01/25/08	3962
Antimony	Not Detected	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	4203
Arsenic	4.5	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	4203
Barium	220	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	4203
Beryllium	0.7	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	4203
Cadmium	Not Detected	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	4203
Chromium	89	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	4203
Cobalt	12	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	4203
Copper	29	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	4203

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1239
Order: P0463
Project: PG&E Oak Gen. Const. Yard 13045-007
Received: 01/25/08
Printed: 02/15/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-26-9.5	Matt Webb	01/23/08@16:00	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Lead	10	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	4203
Molybdenum	0.6	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	4203
Nickel	100	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	4203
Selenium	Not Detected	0.5	1	mg/Kg	EPA 6020	02/04/08	01/30/08	4203
Silver	Not Detected	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	4203
Thallium	Not Detected	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	4203
Vanadium	48	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	4203
Zinc	59	4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	4203

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

CREEK ENVIRONMENTAL LABORATORIES, INC.
A Minority-owned Business Enterprise
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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1240
Order: P0463
Project: PG&E Oak Gen. Const. Yard 13045-007
Received: 01/25/08
Printed: 02/15/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-26-GW-7-12	Matt Webb	01/23/08@16:40	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
TPH as Diesel, SGT	Not Detected	0.05	1	mg/L	EPA 8015/LUFT	02/04/08	01/30/08	4229
TPH as Motor Oil, SGT	Not Detected	0.1	1	mg/L	EPA 8015/LUFT	02/04/08	01/30/08	4230
TPH as Gasoline	Not Detected	0.05	1	mg/L	EPA 8015/LUFT	02/04/08		4224
Benzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Toluene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Ethylbenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
m,p-Xylene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
o-Xylene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Chlorobenzene	62 J	2	5	ug/L	EPA 8260	02/05/08		4559
1,2-Dichlorobenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,3-Dichlorobenzene	57	2	5	ug/L	EPA 8260	02/05/08		4559
1,4-Dichlorobenzene	200	5	10	ug/L	EPA 8260	02/11/08		4418
1,2-Dichloroethane (EDC)	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,2-Dibromoethane (EDB)	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Bromobenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Bromochloromethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Bromodichloromethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Bromoform	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Bromomethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
n-Butylbenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
sec-Butyl Benzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
t-Butylbenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Carbon Tetrachloride	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Chloroethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
2-Chloroethylvinyl ether	Not Detected	100	5	ug/L	EPA 8260	02/05/08		4559
Chloroform	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Chloromethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
2-Chlorotoluene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
4-Chlorotoluene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1240
Order: P0463
Project: PG&E Oak Gen. Const. Yard 13045-007
Received: 01/25/08
Printed: 02/15/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-26-GW-7-12	Matt Webb	01/23/08@16:40	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
1,2-Dibromo-3-Chloropropane	Not Detected	5	5	ug/L	EPA 8260	02/05/08		4559
Dibromochloromethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Dibromomethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Dichlorodifluoromethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,1-Dichloroethane	37	2	5	ug/L	EPA 8260	02/05/08		4559
1,1-Dichloroethene	52	2	5	ug/L	EPA 8260	02/05/08		4559
cis-1,2-Dichloroethene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
trans-1,2-Dichloethene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,2-Dichloropropane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,3-Dichloropropane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
2,2-Dichloropropane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,1-Dichloropropene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
cis-1,3-Dichloropropene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
trans-1,3-Dichloropropene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Hexachlorobutadiene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Isopropylbenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
4-Isopropyltoluene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Methylene Chloride	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Naphthalene	Not Detected	20	5	ug/L	EPA 8260	02/05/08		4559
n-Propylbenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Styrene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,1,1,2-Tetrachloroethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,1,2,2-Tetrachloroethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Tetrachloroethene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,2,3-Trichlorobenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,2,4-Trichlorobenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,1,1-Trichloroethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,1,2-Trichloroethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Trichloroethene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559

CREEK ENVIRONMENTAL LABORATORIES, INC.
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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1240
Order: P0463
Project: PG&E Oak Gen. Const. Yard 13045-007
Received: 01/25/08
Printed: 02/15/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-26-GW-7-12	Matt Webb	01/23/08@16:40	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Trichlorofluoromethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,2,3-Trichloropropane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,2,4-Trimethylbenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,3,5-Trimethylbenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Vinyl Chloride	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

CREEK ENVIRONMENTAL LABORATORIES, INC.
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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1241
Order: P0463
Project: PG&E Oak Gen. Const. Yard 13045-007
Received: 01/25/08
Printed: 02/15/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-33-GW-7-12	Matt Webb	01/23/08@16:50	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
TPH as Diesel, SGT	Not Detected	0.05	1	mg/L	EPA 8015/LUFT	02/04/08	01/30/08	4229
TPH as Motor Oil, SGT	Not Detected	0.1	1	mg/L	EPA 8015/LUFT	02/04/08	01/30/08	4230
TPH as Gasoline	Not Detected	0.05	1	mg/L	EPA 8015/LUFT	02/04/08		4224
Benzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Toluene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Ethylbenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
m,p-Xylene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
o-Xylene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Chlorobenzene	64	2	5	ug/L	EPA 8260	02/05/08		4559
1,2-Dichlorobenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,3-Dichlorobenzene	52	2	5	ug/L	EPA 8260	02/05/08		4559
1,4-Dichlorobenzene	210	5	10	ug/L	EPA 8260	02/11/08		4418
1,2-Dichloroethane (EDC)	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,2-Dibromoethane (EDB)	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Bromobenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Bromochloromethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Bromodichloromethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Bromoform	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Bromomethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
n-Butylbenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
sec-Butyl Benzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
t-Butylbenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Carbon Tetrachloride	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Chloroethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
2-Chloroethylvinyl ether	Not Detected	100	5	ug/L	EPA 8260	02/05/08		4559
Chloroform	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Chloromethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
2-Chlorotoluene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
4-Chlorotoluene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1241
Order: P0463
Project: PG&E Oak Gen. Const. Yard 13045-007
Received: 01/25/08
Printed: 02/15/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-33-GW-7-12	Matt Webb	01/23/08@16:50	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
1,2-Dibromo-3-Chloropropane	Not Detected	5	5	ug/L	EPA 8260	02/05/08		4559
Dibromochloromethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Dibromomethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Dichlorodifluoromethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,1-Dichloroethane	34	2	5	ug/L	EPA 8260	02/05/08		4559
1,1-Dichloroethene	44	2	5	ug/L	EPA 8260	02/05/08		4559
cis-1,2-Dichloroethene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
trans-1,2-Dichloethene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,2-Dichloropropane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,3-Dichloropropane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
2,2-Dichloropropane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,1-Dichloropropene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
cis-1,3-Dichloropropene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
trans-1,3-Dichloropropene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Hexachlorobutadiene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Isopropylbenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
4-Isopropyltoluene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Methylene Chloride	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Naphthalene	Not Detected	20	5	ug/L	EPA 8260	02/05/08		4559
n-Propylbenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Styrene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,1,1,2-Tetrachloroethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,1,2,2-Tetrachloroethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Tetrachloroethene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,2,3-Trichlorobenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,2,4-Trichlorobenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,1,1-Trichloroethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,1,2-Trichloroethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Trichloroethene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1241
Order: P0463
Project: PG&E Oak Gen. Const. Yard 13045-007
Received: 01/25/08
Printed: 02/15/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-33-GW-7-12	Matt Webb	01/23/08@16:50	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Trichlorofluoromethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,2,3-Trichloropropane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,2,4-Trimethylbenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,3,5-Trimethylbenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Vinyl Chloride	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

CREEK ENVIRONMENTAL LABORATORIES, INC.
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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1242
Order: P0463
Project: PG&E Oak Gen. Const. Yard 13045-007
Received: 01/25/08
Printed: 02/15/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
Trip Blank	Matt Webb	01/22/08@	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Benzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Toluene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Ethylbenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
m,p-Xylene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
o-Xylene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Chlorobenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,2-Dichlorobenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,3-Dichlorobenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,4-Dichlorobenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,2-Dichloroethane (EDC)	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,2-Dibromoethane (EDB)	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Bromobenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Bromochloromethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Bromodichloromethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Bromoform	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Bromomethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
n-Butylbenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
sec-Butyl Benzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
t-Butylbenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Carbon Tetrachloride	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Chloroethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
2-Chloroethylvinyl ether	Not Detected	100	5	ug/L	EPA 8260	02/05/08		4559
Chloroform	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Chloromethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
2-Chlorotoluene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
4-Chlorotoluene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,2-Dibromo-3-Chloropropane	Not Detected	5	5	ug/L	EPA 8260	02/05/08		4559
Dibromochloromethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Dibromomethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559

CREEK ENVIRONMENTAL LABORATORIES, INC.
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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1242
Order: P0463
Project: PG&E Oak Gen. Const. Yard 13045-007
Received: 01/25/08
Printed: 02/15/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
Trip Blank	Matt Webb	01/22/08@	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Dichlorodifluoromethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,1-Dichloroethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,1-Dichloroethene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
cis-1,2-Dichloroethene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
trans-1,2-Dichloethene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,2-Dichloropropane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,3-Dichloropropane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
2,2-Dichloropropane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,1-Dichloropropene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
cis-1,3-Dichloropropene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
trans-1,3-Dichloropropene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Hexachlorobutadiene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Isopropylbenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
4-Isopropyltoluene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Methylene Chloride	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Naphthalene	Not Detected	20	5	ug/L	EPA 8260	02/05/08		4559
n-Propylbenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Styrene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,1,1,2-Tetrachloroethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,1,2,2-Tetrachloroethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Tetrachloroethene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,2,3-Trichlorobenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,2,4-Trichlorobenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,1,1-Trichloroethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,1,2-Trichloroethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Trichloroethene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Trichlorofluoromethane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,2,3-Trichloropropane	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
1,2,4-Trimethylbenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1242
Order: P0463
Project: PG&E Oak Gen. Const. Yard 13045-007
Received: 01/25/08
Printed: 02/15/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
Trip Blank	Matt Webb	01/22/08@	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
1,3,5-Trimethylbenzene	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559
Vinyl Chloride	Not Detected	2	5	ug/L	EPA 8260	02/05/08		4559

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

CREEK ENVIRONMENTAL LABORATORIES, INC.
A Minority-owned Business Enterprise
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Quality Control Results

Order No.: P0463
Laboratory Reagent Blank

Analyte	Method	Results	Units	Batch
Mercury	EPA 7471	< 0.04	mg/Kg	4091
TPH as Diesel, SGT	EPA 8015/LUFT	< 0.05	mg/L	4229
TPH as Diesel, SGT	EPA 8015/LUFT	< 10	mg/Kg	4227
TPH as Motor Oil, SGT	EPA 8015/LUFT	< 0.1	mg/L	4230
TPH as Motor Oil, SGT	EPA 8015/LUFT	< 10	mg/Kg	4228
TPH as Gasoline	EPA 8015/LUFT	< 0.05	mg/L	4224
TPH as Gasoline	EPA 8015/LUFT	< 0.5	mg/Kg	4223
Benzene	EPA 8260	< 5	ug/Kg	4375
Bromobenzene	EPA 8260	< 5	ug/Kg	4375
Bromochloromethane	EPA 8260	< 5	ug/Kg	4375
Bromodichloromethane	EPA 8260	< 5	ug/Kg	4375
Bromoform	EPA 8260	< 5	ug/Kg	4375
Bromomethane	EPA 8260	< 5	ug/Kg	4375
t-Butylbenzene	EPA 8260	< 5	ug/Kg	4375
n-Butylbenzene	EPA 8260	< 5	ug/Kg	4375
sec-Butyl Benzene	EPA 8260	< 5	ug/Kg	4375
Carbon Tetrachloride	EPA 8260	< 5	ug/Kg	4375
Chlorobenzene	EPA 8260	< 5	ug/Kg	4375
Chloroethane	EPA 8260	< 5	ug/Kg	4375
2-Chloroethylvinyl ether	EPA 8260	< 20	ug/Kg	4375
Chloroform	EPA 8260	< 5	ug/Kg	4375
Chloromethane	EPA 8260	< 5	ug/Kg	4375
2-Chlorotoluene	EPA 8260	< 5	ug/Kg	4375
4-Chlorotoluene	EPA 8260	< 5	ug/Kg	4375
1,2-Dibromo-3-Chloropropane	EPA 8260	< 5	ug/Kg	4375
Dibromochloromethane	EPA 8260	< 5	ug/Kg	4375
Dibromomethane	EPA 8260	< 5	ug/Kg	4375
1,2-Dibromoethane (EDB)	EPA 8260	< 5	ug/Kg	4375
Dichlorodifluoromethane	EPA 8260	< 5	ug/Kg	4375
1,2-Dichlorobenzene	EPA 8260	< 5	ug/Kg	4375
1,3-Dichlorobenzene	EPA 8260	< 5	ug/Kg	4375
1,4-Dichlorobenzene	EPA 8260	< 5	ug/Kg	4375
1,1-Dichloroethane	EPA 8260	< 5	ug/Kg	4375
1,2-Dichloroethane (EDC)	EPA 8260	< 5	ug/Kg	4375
1,1-Dichloroethene	EPA 8260	< 5	ug/Kg	4375
cis-1,2-Dichloroethene	EPA 8260	< 5	ug/Kg	4375
trans-1,2-Dichloethene	EPA 8260	< 5	ug/Kg	4375
1,2-Dichloropropane	EPA 8260	< 5	ug/Kg	4375
1,3-Dichloropropane	EPA 8260	< 5	ug/Kg	4375
2,2-Dichloropropane	EPA 8260	< 5	ug/Kg	4375
1,1-Dichloropropene	EPA 8260	< 5	ug/Kg	4375
cis-1,3-Dichloropropene	EPA 8260	< 5	ug/Kg	4375
trans-1,3-Dichloropropene	EPA 8260	< 5	ug/Kg	4375
Ethylbenzene	EPA 8260	< 5	ug/Kg	4375
Hexachlorobutadiene	EPA 8260	< 5	ug/Kg	4375

CREEK ENVIRONMENTAL LABORATORIES, INC.
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Order No.: P0463

Laboratory Reagent Blank (continued)

Analyte	Method	Result	Units	Batch
Isopropylbenzene	EPA 8260	< 5	ug/Kg	4375
4-Isopropyltoluene	EPA 8260	< 5	ug/Kg	4375
Methylene Chloride	EPA 8260	< 20	ug/Kg	4375
Naphthalene	EPA 8260	< 20	ug/Kg	4375
n-Propylbenzene	EPA 8260	< 5	ug/Kg	4375
Styrene	EPA 8260	< 5	ug/Kg	4375
1,1,1,2-Tetrachloroethane	EPA 8260	< 5	ug/Kg	4375
1,1,2,2-Tetrachloroethane	EPA 8260	< 5	ug/Kg	4375
Tetrachloroethene	EPA 8260	< 5	ug/Kg	4375
Toluene	EPA 8260	< 5	ug/Kg	4375
1,2,3-Trichlorobenzene	EPA 8260	< 5	ug/Kg	4375
1,2,4-Trichlorobenzene	EPA 8260	< 5	ug/Kg	4375
1,1,1-Trichloroethane	EPA 8260	< 5	ug/Kg	4375
1,1,2-Trichloroethane	EPA 8260	< 5	ug/Kg	4375
Trichloroethene	EPA 8260	< 5	ug/Kg	4375
Trichlorofluoromethane	EPA 8260	< 5	ug/Kg	4375
1,2,3-Trichloropropane	EPA 8260	< 5	ug/Kg	4375
1,2,4-Trimethylbenzene	EPA 8260	< 5	ug/Kg	4375
1,3,5-Trimethylbenzene	EPA 8260	< 5	ug/Kg	4375
Vinyl Chloride	EPA 8260	< 5	ug/Kg	4375
m,p-Xylenes	EPA 8260	< 5	ug/Kg	4375
o-Xylene	EPA 8260	< 5	ug/Kg	4375
Benzene	EPA 8260	< 2.5	ug/L	4559
Toluene	EPA 8260	< 2.5	ug/L	4559
Ethylbenzene	EPA 8260	< 2.5	ug/L	4559
m,p-Xylene	EPA 8260	< 2.5	ug/L	4559
o-Xylene	EPA 8260	< 2.5	ug/L	4559
Chlorobenzene	EPA 8260	< 2.5	ug/L	4559
1,2-Dichlorobenzene	EPA 8260	< 2.5	ug/L	4559
1,3-Dichlorobenzene	EPA 8260	< 2.5	ug/L	4559
1,4-Dichlorobenzene	EPA 8260	< 2.5	ug/L	4559
1,2-Dichloroethane (EDC)	EPA 8260	< 2.5	ug/L	4559
1,2-Dibromoethane (EDB)	EPA 8260	< 2.5	ug/L	4559
Bromobenzene	EPA 8260	< 2.5	ug/L	4559
Bromochloromethane	EPA 8260	< 2.5	ug/L	4559
Bromodichloromethane	EPA 8260	< 2.5	ug/L	4559
Bromoform	EPA 8260	< 2.5	ug/L	4559
Bromomethane	EPA 8260	< 2.5	ug/L	4559
n-Butylbenzene	EPA 8260	< 2.5	ug/L	4559
sec-Butyl Benzene	EPA 8260	< 2.5	ug/L	4559
t-Butylbenzene	EPA 8260	< 2.5	ug/L	4559
Carbon Tetrachloride	EPA 8260	< 2.5	ug/L	4559
Chloroethane	EPA 8260	< 2.5	ug/L	4559
2-Chloroethylvinyl ether	EPA 8260	< 100	ug/L	4559

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Order No.: P0463

Laboratory Reagent Blank (continued)

Analyte	Method	Result	Units	Batch
Chloroform	EPA 8260	< 2.5	ug/L	4559
Chloromethane	EPA 8260	< 2.5	ug/L	4559
2-Chlorotoluene	EPA 8260	< 2.5	ug/L	4559
4-Chlorotoluene	EPA 8260	< 2.5	ug/L	4559
1,2-Dibromo-3-Chloropropane	EPA 8260	< 5	ug/L	4559
Dibromochloromethane	EPA 8260	< 2.5	ug/L	4559
Dibromomethane	EPA 8260	< 2.5	ug/L	4559
Dichlorodifluoromethane	EPA 8260	< 2.5	ug/L	4559
1,1-Dichloroethane	EPA 8260	< 2.5	ug/L	4559
1,1-Dichloroethene	EPA 8260	< 2.5	ug/L	4559
cis-1,2-Dichloroethene	EPA 8260	< 2.5	ug/L	4559
trans-1,2-Dichloethene	EPA 8260	< 2.5	ug/L	4559
1,2-Dichloropropane	EPA 8260	< 2.5	ug/L	4559
1,3-Dichloropropane	EPA 8260	< 2.5	ug/L	4559
2,2-Dichloropropane	EPA 8260	< 2.5	ug/L	4559
1,1-Dichloropropene	EPA 8260	< 2.5	ug/L	4559
cis-1,3-Dichloropropene	EPA 8260	< 2.5	ug/L	4559
trans-1,3-Dichloropropene	EPA 8260	< 2.5	ug/L	4559
Hexachlorobutadiene	EPA 8260	< 2.5	ug/L	4559
Isopropylbenzene	EPA 8260	< 2.5	ug/L	4559
4-Isopropyltoluene	EPA 8260	< 2.5	ug/L	4559
Methylene Chloride	EPA 8260	< 2.5	ug/L	4559
Naphthalene	EPA 8260	< 25	ug/L	4559
n-Propylbenzene	EPA 8260	< 2.5	ug/L	4559
Styrene	EPA 8260	< 2.5	ug/L	4559
1,1,1,2-Tetrachloroethane	EPA 8260	< 2.5	ug/L	4559
1,1,2,2-Tetrachloroethane	EPA 8260	< 2.5	ug/L	4559
Tetrachloroethene	EPA 8260	< 2.5	ug/L	4559
1,2,3-Trichlorobenzene	EPA 8260	< 2.5	ug/L	4559
1,2,4-Trichlorobenzene	EPA 8260	< 2.5	ug/L	4559
1,1,1-Trichloroethane	EPA 8260	< 2.5	ug/L	4559
1,1,2-Trichloroethane	EPA 8260	< 2.5	ug/L	4559
Trichloroethene	EPA 8260	< 2.5	ug/L	4559
Trichlorofluoromethane	EPA 8260	< 2.5	ug/L	4559
1,2,3-Trichloropropane	EPA 8260	< 2.5	ug/L	4559
1,2,4-Trimethylbenzene	EPA 8260	< 2.5	ug/L	4559
1,3,5-Trimethylbenzene	EPA 8260	< 2.5	ug/L	4559
Vinyl Chloride	EPA 8260	< 2.5	ug/L	4559
Acenaphthene	EPA 8270 SIM	< 10	ug/Kg	3962
Acenaphthylene	EPA 8270 SIM	< 10	ug/Kg	3962
Anthracene	EPA 8270 SIM	< 10	ug/Kg	3962
Benz[a]anthracene	EPA 8270 SIM	< 10	ug/Kg	3962
Benzo[a]pyrene	EPA 8270 SIM	< 10	ug/Kg	3962
Benzo[b]fluoranthene	EPA 8270 SIM	< 10	ug/Kg	3962

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Order No.: P0463

Laboratory Reagent Blank (continued)

Analyte	Method	Result	Units	Batch
Benzo[ghi]perylene	EPA 8270 SIM	< 10	ug/Kg	3962
Benzo[k]fluoranthene	EPA 8270 SIM	< 10	ug/Kg	3962
Chrysene	EPA 8270 SIM	< 10	ug/Kg	3962
Dibenz[a,h]anthracene	EPA 8270 SIM	< 10	ug/Kg	3962
Fluoranthene	EPA 8270 SIM	< 10	ug/Kg	3962
Fluorene	EPA 8270 SIM	< 10	ug/Kg	3962
Indeno[1,2,3-cd]pyrene	EPA 8270 SIM	< 10	ug/Kg	3962
Naphthalene	EPA 8270 SIM	< 10	ug/Kg	3962
Phenanthrene	EPA 8270 SIM	< 10	ug/Kg	3962
Pyrene	EPA 8270 SIM	< 10	ug/Kg	3962
Antimony	EPA 6020	< 0.4	mg/Kg	4203
Arsenic	EPA 6020	< 0.4	mg/Kg	4203
Barium	EPA 6020	< 0.4	mg/Kg	4203
Beryllium	EPA 6020	< 0.4	mg/Kg	4203
Cadmium	EPA 6020	< 0.4	mg/Kg	4203
Chromium	EPA 6020	< 0.4	mg/Kg	4203
Cobalt	EPA 6020	< 0.4	mg/Kg	4203
Copper	EPA 6020	< 0.4	mg/Kg	4203
Lead	EPA 6020	< 0.4	mg/Kg	4203
Molybdenum	EPA 6020	< 0.4	mg/Kg	4203
Nickel	EPA 6020	< 0.4	mg/Kg	4203
Selenium	EPA 6020	< 0.5	mg/Kg	4203
Silver	EPA 6020	< 0.4	mg/Kg	4203
Thallium	EPA 6020	< 0.4	mg/Kg	4203
Vanadium	EPA 6020	< 0.4	mg/Kg	4203
Zinc	EPA 6020	< 4	mg/Kg	4203

Laboratory Known Analysis (LCS)

Analyte	Method	Recovery	Spike Amount	Units	Recovery Limits	Batch
Mercury	EPA 7471	90%	8.3	mg/Kg	56 - 148	4091
TPH as Diesel, SGT	EPA 8015/LUFT	56%	5.0	mg/L	50 - 150	4229
TPH as Diesel, SGT	EPA 8015/LUFT	56%	250	mg/Kg	50 - 150	4227
TPH as Gasoline	EPA 8015/LUFT	92%	0.2	mg/L	60 - 140	4224
TPH as Gasoline	EPA 8015/LUFT	72%	5.0	mg/Kg	60 - 140	4223
Benzene	EPA 8260	92%	100	ug/Kg	60 - 140	4375
Chlorobenzene	EPA 8260	98%	100	ug/Kg	60 - 140	4375
1,1-Dichloroethene	EPA 8260	74%	100	ug/Kg	60 - 140	4375
Toluene	EPA 8260	97%	100	ug/Kg	60 - 140	4375
Trichloroethene	EPA 8260	95%	100	ug/Kg	60 - 140	4375
Benzene	EPA 8260	119%	50	ug/L	80 - 120	4559
Toluene	EPA 8260	136%	50	ug/L	80 - 120	4559
Chlorobenzene	EPA 8260	121%	50	ug/L	80 - 120	4559

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Quality Control Results

Order No.: P0463

Laboratory Known Analysis (LCS)

Analyte	Method	Recovery	Spike Amount	Units	Recovery Limits	Batch
1,1-Dichloroethene	EPA 8260	82%	50	ug/L	80 - 120	4559
Trichloroethene	EPA 8260	107%	50	ug/L	80 - 120	4559
Acenaphthene	EPA 8270 SIM	96%	67	ug/Kg	31 - 137	3962
Acenaphthylene	EPA 8270 SIM	66%	67	ug/Kg	26 - 119	3962
Anthracene	EPA 8270 SIM	78%	67	ug/Kg	44 - 110	3962
Benz[a]anthracene	EPA 8270 SIM	97%	67	ug/Kg	38 - 116	3962
Benzo[a]pyrene	EPA 8270 SIM	81%	67	ug/Kg	36 - 121	3962
Benzo[b]fluoranthene	EPA 8270 SIM	70%	67	ug/Kg	37 - 129	3962
Benzo[ghi]perylene	EPA 8270 SIM	94%	67	ug/Kg	31 - 128	3962
Benzo[k]fluoranthene	EPA 8270 SIM	91%	67	ug/Kg	36 - 135	3962
Chrysene	EPA 8270 SIM	85%	67	ug/Kg	38 - 128	3962
Dibenz[a,h]anthracene	EPA 8270 SIM	93%	67	ug/Kg	28 - 134	3962
Fluoranthene	EPA 8270 SIM	91%	67	ug/Kg	37 - 126	3962
Fluorene	EPA 8270 SIM	84%	67	ug/Kg	29 - 119	3962
Indeno[1,2,3-cd]pyrene	EPA 8270 SIM	94%	67	ug/Kg	25 - 125	3962
Naphthalene	EPA 8270 SIM	75%	67	ug/Kg	15 - 119	3962
Phenanthrene	EPA 8270 SIM	107%	67	ug/Kg	38 - 124	3962
Pyrene	EPA 8270 SIM	85%	67	ug/Kg	35 - 142	3962
Antimony	EPA 6020	50%	90	mg/Kg	10 - 120	4203
Arsenic	EPA 6020	85%	130	mg/Kg	60 - 140	4203
Barium	EPA 6020	101%	320	mg/Kg	60 - 140	4203
Beryllium	EPA 6020	106%	90	mg/Kg	60 - 140	4203
Cadmium	EPA 6020	112%	66	mg/Kg	60 - 140	4203
Chromium	EPA 6020	96%	73	mg/Kg	60 - 140	4203
Cobalt	EPA 6020	100%	73	mg/Kg	60 - 140	4203
Copper	EPA 6020	96%	68	mg/Kg	60 - 140	4203
Lead	EPA 6020	105%	130	mg/Kg	60 - 140	4203
Molybdenum	EPA 6020	91%	49	mg/Kg	60 - 140	4203
Nickel	EPA 6020	99%	56	mg/Kg	60 - 140	4203
Selenium	EPA 6020	116%	160	mg/Kg	60 - 140	4203
Silver	EPA 6020	106%	100	mg/Kg	60 - 140	4203
Thallium	EPA 6020	111%	130	mg/Kg	60 - 140	4203
Vanadium	EPA 6020	89%	83	mg/Kg	60 - 140	4203
Zinc	EPA 6020	94%	180	mg/Kg	60 - 140	4203

Matrix Spike/Matrix Spike Duplicates

Analyte	Method	MS Rec.	MSD Rec.	RPD	Matrix Sample	Spike Amount	Units	Recovery Limits	RPD Limit	Batch
Mercury	EPA 7471	86%	102%	17	08-C1246	0.8	mg/Kg	60 - 140	30	4091
TPH as Gasoline	EPA 8015/LUFT	120%	120%	0	08-C1240	0.2	mg/L	60 - 140	30	4224
TPH as Gasoline	EPA 8015/LUFT	64%	68%	6	08-C1237	5.0	mg/Kg	50 - 150	30	4223
Acenaphthene	EPA 8270 SIM	79%	82%	4	08-C1237	67	ug/Kg	31 - 137	30	3962
Acenaphthylene	EPA 8270 SIM	51%	52%	3	08-C1237	67	ug/Kg	26 - 119	30	3962

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Order No.: P0463

Matrix Spike/Matrix Spike Duplicates

Analyte	Method	MS Rec.	MSD Rec.	RPD	Matrix Sample	Spike Amount	Units	Recovery Limits	RPD Limit	Batch
Anthracene	EPA 8270 SIM	67%	66%	2	08-C1237	67	ug/Kg	44 - 110	30	3962
Benz[a]anthracene	EPA 8270 SIM	96%	87%	10	08-C1237	67	ug/Kg	38 - 116	30	3962
Benzo[a]pyrene	EPA 8270 SIM	70%	69%	2	08-C1237	67	ug/Kg	36 - 121	30	3962
Benzo[b]fluoranthene	EPA 8270 SIM	78%	66%	17	08-C1237	67	ug/Kg	37 - 129	30	3962
Benzo[ghi]perylene	EPA 8270 SIM	81%	76%	6	08-C1237	67	ug/Kg	31 - 128	30	3962
Benzo[k]fluoranthene	EPA 8270 SIM	85%	82%	4	08-C1237	67	ug/Kg	36 - 135	30	3962
Chrysene	EPA 8270 SIM	73%	73%	0	08-C1237	67	ug/Kg	38 - 128	30	3962
Dibenz[a,h]anthracene	EPA 8270 SIM	79%	81%	2	08-C1237	67	ug/Kg	28 - 134	30	3962
Fluoranthene	EPA 8270 SIM	82%	79%	4	08-C1237	67	ug/Kg	37 - 126	30	3962
Fluorene	EPA 8270 SIM	76%	76%	0	08-C1237	67	ug/Kg	29 - 119	30	3962
Indeno[1,2,3-cd]pyrene	EPA 8270 SIM	81%	81%	0	08-C1237	67	ug/Kg	25 - 125	30	3962
Naphthalene	EPA 8270 SIM	24%	33%	32	08-C1237	67	ug/Kg	15 - 119	30	3962
Phenanthrene	EPA 8270 SIM	103%	103%	0	08-C1237	67	ug/Kg	38 - 124	30	3962
Pyrene	EPA 8270 SIM	79%	76%	4	08-C1237	67	ug/Kg	35 - 142	36	3962
Antimony	EPA 6020	103%	104%	0	08-C1310	50	mg/Kg	10 - 120	30	4203
Arsenic	EPA 6020	94%	93%	1	08-C1310	50	mg/Kg	60 - 140	30	4203
Barium	EPA 6020	93%	93%	1	08-C1310	50	mg/Kg	60 - 140	30	4203
Beryllium	EPA 6020	97%	97%	0	08-C1310	50	mg/Kg	60 - 140	30	4203
Cadmium	EPA 6020	105%	105%	1	08-C1310	50	mg/Kg	60 - 140	30	4203
Chromium	EPA 6020	97%	97%	0	08-C1310	50	mg/Kg	60 - 140	30	4203
Cobalt	EPA 6020	97%	97%	0	08-C1310	50	mg/Kg	60 - 140	30	4203
Copper	EPA 6020	102%	102%	1	08-C1310	50	mg/Kg	60 - 140	30	4203
Lead	EPA 6020	99%	99%	1	08-C1310	50	mg/Kg	60 - 140	30	4203
Molybdenum	EPA 6020	95%	96%	1	08-C1310	50	mg/Kg	60 - 140	30	4203
Nickel	EPA 6020	100%	100%	0	08-C1310	50	mg/Kg	60 - 140	30	4203
Selenium	EPA 6020	104%	104%	0	08-C1310	200	mg/Kg	60 - 140	30	4203
Silver	EPA 6020	98%	99%	1	08-C1310	50	mg/Kg	50 - 130	30	4203
Thallium	EPA 6020	97%	99%	1	08-C1310	50	mg/Kg	60 - 140	30	4203
Vanadium	EPA 6020	99%	95%	2	08-C1310	50	mg/Kg	60 - 140	30	4203
Zinc	EPA 6020	114%	116%	2	08-C1310	50	mg/Kg	60 - 140	30	4203

Sample Duplicate

Analyte	Method	Sample ID	Sample Value	Sample Duplicate	RPD	Units	RPD Limit	Batch
TPH as Diesel, SGT	EPA 8015/LUFT	kv:LCS	2.8	3.2	13	mg/L	30.	4229
Benzene	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
Bromobenzene	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
Bromochloromethane	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
Bromodichloromethane	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
Bromoform	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
Bromomethane	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	50.	4375
t-Butylbenzene	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375

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Sample Duplicate

Analyte	Method	Sample ID	Sample Value	Sample Duplicate	RPD	Units	RPD Limit	Batch
n-Butylbenzene	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
sec-Butyl Benzene	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
Carbon Tetrachloride	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
Chlorobenzene	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
Chloroethane	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	50.	4375
2-Chloroethylvinyl ether	EPA 8260	08-C1234	< 20	< 20	0	ug/Kg	50.	4375
Chloroform	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
Chloromethane	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	50.	4375
2-Chlorotoluene	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
4-Chlorotoluene	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
1,2-Dibromo-3-Chloropropane	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	40.	4375
Dibromochloromethane	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
Dibromomethane	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
1,2-Dibromoethane (EDB)	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
Dichlorodifluoromethane	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	50.	4375
1,2-Dichlorobenzene	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
1,3-Dichlorobenzene	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
1,4-Dichlorobenzene	EPA 8260	08-C1234	17	10	52	ug/Kg	30.	4375
1,1-Dichloroethane	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
1,2-Dichloroethane (EDC)	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
1,1-Dichloroethene	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
cis-1,2-Dichloroethene	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
trans-1,2-Dichloethene	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
1,2-Dichloropropane	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
1,3-Dichloropropane	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
2,2-Dichloropropane	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
1,1-Dichloropropene	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
cis-1,3-Dichloropropene	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
trans-1,3-Dichloropropene	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
Ethylbenzene	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
Hexachlorobutadiene	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	40.	4375
Isopropylbenzene	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
4-Isopropyltoluene	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
Methylene Chloride	EPA 8260	08-C1234	< 20	< 20	0	ug/Kg	40.	4375
Naphthalene	EPA 8260	08-C1234	< 20	< 20	0	ug/Kg	40.	4375
n-Propylbenzene	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
Styrene	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
1,1,1,2-Tetrachloroethane	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
1,1,2,2-Tetrachloroethane	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
Tetrachloroethene	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
Toluene	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
1,2,3-Trichlorobenzene	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
1,2,4-Trichlorobenzene	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
1,1,1-Trichloroethane	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375

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Order No.: P0463

Sample Duplicate

Analyte	Method	Sample ID	Sample Value	Sample Duplicate	RPD	Units	RPD Limit	Batch
1,1,2-Trichloroethane	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
Trichloroethene	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
Trichlorofluoromethane	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	50.	4375
1,2,3-Trichloropropane	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	40.	4375
1,2,4-Trimethylbenzene	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
1,3,5-Trimethylbenzene	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
Vinyl Chloride	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	50.	4375
m,p-Xylenes	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
o-Xylene	EPA 8260	08-C1234	< 5	< 5	0	ug/Kg	30.	4375
Acenaphthene	EPA 8270 SIM	08-C835	< 10	< 10	0	ug/Kg	30.	3962
Acenaphthylene	EPA 8270 SIM	08-C835	< 10	< 10	0	ug/Kg	30.	3962
Anthracene	EPA 8270 SIM	08-C835	< 10	< 10	0	ug/Kg	30.	3962
Benz[a]anthracene	EPA 8270 SIM	08-C835	< 10	< 10	0	ug/Kg	30.	3962
Benzo[a]pyrene	EPA 8270 SIM	08-C835	< 10	< 10	0	ug/Kg	30.	3962
Benzo[b]fluoranthene	EPA 8270 SIM	08-C835	< 10	< 10	0	ug/Kg	30.	3962
Benzo[ghi]perylene	EPA 8270 SIM	08-C835	< 10	< 10	0	ug/Kg	30.	3962
Benzo[k]fluoranthene	EPA 8270 SIM	08-C835	< 10	< 10	0	ug/Kg	30.	3962
Chrysene	EPA 8270 SIM	08-C835	< 10	< 10	0	ug/Kg	30.	3962
Dibenz[a,h]anthracene	EPA 8270 SIM	08-C835	< 10	< 10	0	ug/Kg	30.	3962
Fluoranthene	EPA 8270 SIM	08-C835	< 10	< 10	0	ug/Kg	30.	3962
Fluorene	EPA 8270 SIM	08-C835	< 10	< 10	0	ug/Kg	30.	3962
Indeno[1,2,3-cd]pyrene	EPA 8270 SIM	08-C835	< 10	< 10	0	ug/Kg	30.	3962
Naphthalene	EPA 8270 SIM	08-C835	< 10	< 10	0	ug/Kg	30.	3962
Phenanthrene	EPA 8270 SIM	08-C835	< 10	< 10	0	ug/Kg	30.	3962
Pyrene	EPA 8270 SIM	08-C835	< 10	< 10	0	ug/Kg	30.	3962
Vanadium	EPA 6020	08-C1311	63	63	0	mg/Kg	30.	4203

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

Ordered By

[redacted]

Telephone (805) 545-9838
Attn Orval Osborne

[redacted]

Lab Number	Ordered	Client
36771	01/29/2008	CREEK

Project ID: P0463
Project Name:

Enclosed are the results of analyses on 2 samples analyzed as specified on attached chain of custody.

Amolk MOLKY Brar
Laboratory Manager

Rojert G. Araghi
Laboratory Director

[redacted]

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Ordered By

Creek Environmental Labs, Inc.
141 Suburban Rd Suite C-3
San Luis Obispo, CA 93401

Telephone: (805)545-9838
Attn: Orval Osborne
Page: 2
Project ID: P0463

ASL Job Number	Submitted	Client
36771	01/29/2008	CREEK

Method: 8082, Polychlorinated Biphenyls(PCBs) by Gas Chromatography

QC Batch No: 020108-1

Our Lab I.D.		212783	212784			
Client Sample I.D.		SB-25-2(1233)	SB-26-9.5(1239)			
Date Sampled		01/22/2008	01/22/2008			
Date Prepared		01/30/2008	01/30/2008			
Preparation Method						
Date Analyzed		02/01/2008	02/01/2008			
Matrix		Soil	Soil			
Units		ug/kg	ug/kg			
Dilution Factor		1	1			
Analytes	PQL	Results	Results			
Aroclor-1016 (PCB-1016)	33.00	ND	ND			
Aroclor-1221 (PCB-1221)	67.00	ND	ND			
Aroclor-1232 (PCB-1232)	33.00	ND	ND			
Aroclor-1242 (PCB-1242)	33.00	ND	ND			
Aroclor-1248 (PCB-1248)	33.00	ND	ND			
Aroclor-1254 (PCB-1254)	33.00	ND	ND			
Aroclor-1260 (PCB-1260)	33.00	ND	ND			

Our Lab I.D.		212783	212784			
Surrogates	% Rec Limit	% Rec	% Rec			
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	112	88			

QUALITY CONTROL REPORT

QC Batch No: 020108-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aroclor-1260 (PCB-1260)	116	119	2.6	39-150	<30					

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Surrogate Report

Sample Number	Batch	Method	Surrogate	% Recovery	QC Limits
08-C1230	4375	EPA 8260	Dibromofluoromethane	140.	80-130
08-C1230	4375	EPA 8260	Toluene-d8	94.	70-126
08-C1230	4375	EPA 8260	4-BFB	64.	57-124
08-C1231	5773	EPA 8015M (C12-C40)	Hexacosane	80.	50-150
08-C1232	4375	EPA 8260	Dibromofluoromethane	106.	80-130
08-C1232	4375	EPA 8260	Toluene-d8	118.	70-126
08-C1232	4375	EPA 8260	4-BFB	85.	57-124
08-C1232	5773	EPA 8015M (C12-C40)	Hexacosane	69.	50-150
08-C1234	4375	EPA 8260	Dibromofluoromethane	109.	80-130
08-C1234	4375	EPA 8260	Toluene-d8	134.	70-126
08-C1234	4375	EPA 8260	4-BFB	93.	57-124
08-C1235	5773	EPA 8015M (C12-C40)	Hexacosane	73.	50-150
08-C1235	3962	EPA 8270	Pyrene-d10	78.	26-127
08-C1236	4375	EPA 8260	Dibromofluoromethane	108.	80-130
08-C1236	4375	EPA 8260	Toluene-d8	121.	70-126
08-C1236	4375	EPA 8260	4-BFB	90.	57-124
08-C1237	5773	EPA 8015M (C12-C40)	Hexacosane	73.	50-150
08-C1237	3962	EPA 8270	Pyrene-d10	66.	26-127
08-C1237	4223	EPA 8015M (Gasoline)	a,a,a-Trifluorotoluene	105.	50-150
08-C1238	4559	EPA 8260	Dibromofluoromethane	109.	81-123
08-C1238	4559	EPA 8260	Toluene-d8	108.	78-116
08-C1238	4559	EPA 8260	4-BFB	65.	60-116
08-C1238	5775	EPA 8015M (C12-C40)	Hexacosane	75.	50-150
08-C1239	4375	EPA 8260	Dibromofluoromethane	102.	80-130
08-C1239	4375	EPA 8260	Toluene-d8	101.	70-126
08-C1239	4375	EPA 8260	4-BFB	92.	57-124
08-C1239	5773	EPA 8015M (C12-C40)	Hexacosane	88.	50-150
08-C1239	3962	EPA 8270	Pyrene-d10	73.	26-127
08-C1240	4559	EPA 8260	Dibromofluoromethane	107.	81-123
08-C1240	4559	EPA 8260	Toluene-d8	108.	78-116
08-C1240	4559	EPA 8260	4-BFB	62.	60-116
08-C1240	5775	EPA 8015M (C12-C40)	Hexacosane	77.	50-150
08-C1240	4224	EPA 8015M (Gasoline)	a,a,a-Trifluorotoluene	108.	50-150
08-C1241	4559	EPA 8260	Dibromofluoromethane	106.	81-123
08-C1241	4559	EPA 8260	Toluene-d8	105.	78-116
08-C1241	4418	EPA 8260	4-BFB	77.	60-116
08-C1241	5775	EPA 8015M (C12-C40)	Hexacosane	76.	50-150
08-C1241	4224	EPA 8015M (Gasoline)	a,a,a-Trifluorotoluene	105.	50-150
08-C1242	4559	EPA 8260	Dibromofluoromethane	102.	81-123
08-C1242	4559	EPA 8260	Toluene-d8	113.	78-116
08-C1242	4559	EPA 8260	4-BFB	61.	60-116
blank	4559	EPA 8260	Dibromofluoromethane	108.	81-123
LCS	4559	EPA 8260	Dibromofluoromethane	105.	81-123
blank	4559	EPA 8260	Toluene-d8	124.	78-116
LCS	4559	EPA 8260	Toluene-d8	107.	78-116
blank	4559	EPA 8260	4-BFB	67.	60-116

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Surrogate Report

Sample Number	Batch	Method	Surrogate	% Recovery	QC Limits
LCS	4559	EPA 8260	4-BFB	64.	60-116
blank	4375	EPA 8260	Dibromofluoromethane	110.	80-130
LCS	4375	EPA 8260	Dibromofluoromethane	103.	80-130
08-C1234 dup.	4375	EPA 8260	Dibromofluoromethane	104.	80-130
blank	4375	EPA 8260	Toluene-d8	101.	70-126
LCS	4375	EPA 8260	Toluene-d8	100.	70-126
08-C1234 dup.	4375	EPA 8260	Toluene-d8	112.	70-126
blank	4375	EPA 8260	4-BFB	97.	57-124
LCS	4375	EPA 8260	4-BFB	97.	57-124
08-C1234 dup.	4375	EPA 8260	4-BFB	93.	57-124
blank	5773	EPA 8015M (C12-C40)	Hexacosane	75.	50-150
blank	3962	EPA 8270	Pyrene-d10	74.	26-127
LCS	3962	EPA 8270	Pyrene-d10	86.	26-127
08-C835 dup.	3962	EPA 8270	Pyrene-d10	74.	26-127
08-C1237 MS	3962	EPA 8270	Pyrene-d10	67.	26-127
08-C1237 MSD	3962	EPA 8270	Pyrene-d10	73.	26-127
blank	4224	EPA 8015M (Gasoline)	a,a,a-Trifluorotoluene	106.	50-150
LCS	4224	EPA 8015M (Gasoline)	a,a,a-Trifluorotoluene	105.	50-150
08-C1240 MS	4224	EPA 8015M (Gasoline)	a,a,a-Trifluorotoluene	111.	50-150
08-C1240 MSD	4224	EPA 8015M (Gasoline)	a,a,a-Trifluorotoluene	113.	50-150
blank	4223	EPA 8015M (Gasoline)	a,a,a-Trifluorotoluene	99.	50-150
LCS	4223	EPA 8015M (Gasoline)	a,a,a-Trifluorotoluene	105.	50-150
08-C1237 MS	4223	EPA 8015M (Gasoline)	a,a,a-Trifluorotoluene	106.	50-150
08-C1237 MSD	4223	EPA 8015M (Gasoline)	a,a,a-Trifluorotoluene	105.	50-150

CHAIN-OF-CUSTODY RECORD

PO463 OAK 11670

PROJECT NAME: PG&E Oakland General Construction Yard		DATE: 1/22/08	PAGE 1 OF 2
PROJECT NUMBER: 13045.007	LABORATORY NAME: Creek Analytical	CLIENT INFORMATION:	REPORTING REQUIREMENTS:
RESULTS TO: Jonathan Skaggs	LABORATORY ADDRESS:		
TURNAROUND TIME: Standard			
SAMPLE SHIPMENT METHOD:	LABORATORY CONTACT:		GEOTRACKER REQUIRED YES NO
	LABORATORY PHONE NUMBER:		SITE SPECIFIC GLOBAL ID NO.

SAMPLERS (SIGNATURE):

ANALYSES

DATE	TIME	SAMPLE NUMBER	VOCs by 8260	TPHd by 8015	TPHd w/silica gel cleanup by 8015	PAHs by 8270SIM	PCBs by 8082	Styrene by 8021	CONTAINER TYPE AND SIZE	Soil (S), Water (W), Vapor (V), or Other (O)	Filtered	Preservative Type	Cooled	MS/MSD	No. of Containers	ADDITIONAL COMMENTS
1/22/08	0945	SB-23-7	X						40 ml VOA	S	N	methanol Sodium bis	Y	N	3	1230 A-C
	0950	SB-23-8		~~X~~	X				6" sleeve			—			1	1231
	1015	SB-24-3	X	~~X~~	X				40 ml VOA/6" sleeve			methanol Sod. Bis.			4	1232 A-D
	1235	SB-25-2					X	X	6" sleeve			—			1	1233
	1315	SB-25-10	X						40 ml VOA			methanol sodium bis			3	1234 A-C
	1325	SB-25-11			X	X			6" sleeve			—			1	1235
	1430	SB-29-8	X						40 ml VOA			methanol sodium bis			3	1236 A-C
	1435	SB-29-9		X	X	X			6" sleeve			—			1	1237

MC 1/23/08

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
SIGNATURE: Matt Webb	1/23/08	1800	SIGNATURE:	1/25/08	9:15
PRINTED NAME: Matt Webb			PRINTED NAME: L Osborne		
COMPANY: Geomatrix			COMPANY: Creek		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		

TOTAL NUMBER OF CONTAINERS: 17

SAMPLING COMMENTS:

For TPHd, use Silica gel Prep

2° Custody Seal/Cal/Orange

2101 Webster Street, 12th Floor
Oakland, California 94612-3066
Tel 510.663.4100 Fax 510.663.4141

Geomatrix

CHAIN-OF-CUSTODY RECORD

PO# C3 OAK 10641

PROJECT NAME: PG&E Oak General Const. Yard			DATE: 1/23/08 PAGE 2 OF 2
PROJECT NUMBER: 13045.007	LABORATORY NAME: Creek	CLIENT INFORMATION:	REPORTING REQUIREMENTS:
RESULTS TO: Jonathan Skaggs	LABORATORY ADDRESS:		
TURNAROUND TIME: Standard			
SAMPLE SHIPMENT METHOD:	LABORATORY CONTACT:		GEOTRACKER REQUIRED YES NO
	LABORATORY PHONE NUMBER:		SITE SPECIFIC GLOBAL ID NO.

SAMPLERS (SIGNATURE): Mark Collins Matt Webb

DATE	TIME	SAMPLE NUMBER	ANALYSES: VOCs 8260B	TPHg 8015M	TPHd,mo 8015M*	PAHs 8270C SIM	PCBs 8082	Title 22 Metals 6010B	CONTAINER TYPE AND SIZE	Soil (S), Water (W), Vapor (V), or Other (O)	Filtered	Preservative Type	Cooled	MS/MSD	No. of Containers	ADDITIONAL COMMENTS
1/23/08	1000	SB-24-GW-12-16	X						40-mL VOAs	W	N	HCl	Y	N	3	1238 A-C
	↓	↓			X				1-L amber	W	N	–	Y	N	1	D
	1600	SB-26-9.5	X						40-mL VOAs	S	–	$NaHSO_4$ MeOH	Y	N	3	1239 A-C
	↓	↓			X	X	X	X	6" plastic sleeve	S	–	–	Y	N	1	D
	1640	SB-26-GW-7-12	X						40-mL VOAs	W	N	HCl	Y	N	3	1240 A-F
	↓	↓		X					40-mL VOAs	W	N	HCl	Y	N	3	
	↓	↓			X				1-L amber	W	N	–	Y	N	1	G
	1650	SB-33-GW-7-12	X						40-mL VOAs	W	N	HCl	Y	N	3	1241 A-F
	↓	↓		X					40-mL VOAs	W	N	HCl	Y	N	3	
	↓	↓			X				1-L amber	W	N	–	Y	N	1	G
↓	–	Trip Blank	X						40-mL VOAs	W	N	HCl	Y	N	2	1242 A-B

MC 1/23/08

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
SIGNATURE: Matt Webb	1/23/08	1800	SIGNATURE:	1/23/08	9:15
PRINTED NAME: Matt Webb			PRINTED NAME: K. Osborn		
COMPANY:			COMPANY: Creek		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		

TOTAL NUMBER OF CONTAINERS: 24

SAMPLING COMMENTS:

* For TPHd,mo : silica gel prep

20 / Custody Seal / Cal Overnight

2101 Webster Street, 12th Floor
Oakland, California 94612-3066
Tel 510.663.4100 Fax 510.663.4141

Geomatrix

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1293
Order: P0487
Project: 13045.007
Received: 01/28/08
Printed: 02/11/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-29-GW-11-16	Matt Webb	01/24/08@10:40	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batc
TPH as Diesel, SGT	Not Detected	0.05	1	mg/L	EPA 8015/LUFT	02/05/08	01/31/08	427
TPH as Motor Oil, SGT	Not Detected	0.1	1	mg/L	EPA 8015/LUFT	02/05/08	01/31/08	427
TPH as Gasoline	Not Detected	0.05	1	mg/L	EPA 8015/LUFT	02/04/08		422
Benzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Toluene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Ethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
m,p-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
o-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Chlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,3-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,4-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2-Dichloroethane (EDC)	1.3	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2-Dibromoethane (EDB)	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Bromobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Bromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Bromodichloromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Bromoform	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Bromomethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
n-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
sec-Butyl Benzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
t-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Carbon Tetrachloride	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Chloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
2-Chloroethylvinyl ether	Not Detected	20	1	ug/L	EPA 8260	02/07/08		432
Chloroform	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Chloromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
2-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
4-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1293
Order: P0487
Project: 13045.007
Received: 01/28/08
Printed: 02/11/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-29-GW-11-16	Matt Webb	01/24/08@10:40	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
1,2-Dibromo-3-Chloropropane	Not Detected	1	1	ug/L	EPA 8260	02/07/08		4327
Dibromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
Dibromomethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
Dichlorodifluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
1,1-Dichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
1,1-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
cis-1,2-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
trans-1,2-Dichloethene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
1,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
1,3-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
2,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
1,1-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
cis-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
trans-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
Hexachlorobutadiene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
Isopropylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
4-Isopropyltoluene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
Methylene Chloride	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
Naphthalene	Not Detected	5	1	ug/L	EPA 8260	02/07/08		4327
n-Propylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
Styrene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
1,1,1,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
1,1,2,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
Tetrachloroethene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
1,2,3-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
1,2,4-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
1,1,1-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
1,1,2-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
Trichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1293
Order: P0487
Project: 13045.007
Received: 01/28/08
Printed: 02/11/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-29-GW-11-16	Matt Webb	01/24/08@10:40	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batc
Trichlorofluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2,3-Trichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2,4-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,3,5-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Vinyl Chloride	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

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Log Number: 08-C1294
Order: P0487
Project: 13045.007
Received: 01/28/08
Printed: 02/11/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-25-GW-14-19	Matt Webb	01/24/08@11:30	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batc
TPH as Diesel, SGT	Not Detected	0.05	1	mg/L	EPA 8015/LUFT	02/05/08	01/31/08	427
TPH as Motor Oil, SGT	Not Detected	0.1	1	mg/L	EPA 8015/LUFT	02/05/08	01/31/08	427
TPH as Gasoline	Not Detected	0.05	1	mg/L	EPA 8015/LUFT	02/04/08		422
Benzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Toluene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Ethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
m,p-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
o-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Chlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,3-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,4-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2-Dichloroethane (EDC)	2.2	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2-Dibromoethane (EDB)	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Bromobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Bromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Bromodichloromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Bromoform	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Bromomethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
n-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
sec-Butyl Benzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
t-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Carbon Tetrachloride	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Chloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
2-Chloroethylvinyl ether	Not Detected	20	1	ug/L	EPA 8260	02/07/08		432
Chloroform	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Chloromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
2-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
4-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432

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Log Number: 08-C1294
Order: P0487
Project: 13045.007
Received: 01/28/08
Printed: 02/11/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-25-GW-14-19	Matt Webb	01/24/08@11:30	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
1,2-Dibromo-3-Chloropropane	Not Detected	1	1	ug/L	EPA 8260	02/07/08		432
Dibromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Dibromomethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Dichlorodifluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,1-Dichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,1-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
cis-1,2-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
trans-1,2-Dichloethene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,3-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
2,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,1-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
cis-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
trans-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Hexachlorobutadiene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Isopropylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
4-Isopropyltoluene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Methylene Chloride	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Naphthalene	Not Detected	5	1	ug/L	EPA 8260	02/07/08		432
n-Propylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Styrene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,1,1,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,1,2,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Tetrachloroethene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2,3-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2,4-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,1,1-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,1,2-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Trichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1294
Order: P0487
Project: 13045.007
Received: 01/28/08
Printed: 02/11/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-25-GW-14-19	Matt Webb	01/24/08@11:30	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batc
Trichlorofluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2,3-Trichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2,4-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,3,5-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Vinyl Chloride	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

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Log Number: 08-C1295
Order: P0487
Project: 13045.007
Received: 01/28/08
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REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-31-GW-6-8	Matt Webb	01/24/08@12:30	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
TPH as Diesel, SGT	Not Detected	0.05	1	mg/L	EPA 8015/LUFT	02/05/08	01/31/08	427
TPH as Motor Oil, SGT	0.32	0.1	1	mg/L	EPA 8015/LUFT	02/05/08	01/31/08	427
TPH as Gasoline	Not Detected	0.05	1	mg/L	EPA 8015/LUFT	02/04/08		422
Benzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Toluene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Ethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
m,p-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
o-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Chlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,3-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,4-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2-Dichloroethane (EDC)	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2-Dibromoethane (EDB)	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Bromobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Bromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Bromodichloromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Bromoform	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Bromomethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
n-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
sec-Butyl Benzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
t-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Carbon Tetrachloride	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Chloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
2-Chloroethylvinyl ether	Not Detected	20	1	ug/L	EPA 8260	02/07/08		432
Chloroform	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Chloromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
2-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
4-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432

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Log Number: 08-C1295
Order: P0487
Project: 13045.007
Received: 01/28/08
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REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-31-GW-6-8	Matt Webb	01/24/08@12:30	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
1,2-Dibromo-3-Chloropropane	Not Detected	1	1	ug/L	EPA 8260	02/07/08		4327
Dibromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
Dibromomethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
Dichlorodifluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
1,1-Dichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
1,1-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
cis-1,2-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
trans-1,2-Dichloethene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
1,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
1,3-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
2,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
1,1-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
cis-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
trans-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
Hexachlorobutadiene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
Isopropylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
4-Isopropyltoluene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
Methylene Chloride	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
Naphthalene	Not Detected	5	1	ug/L	EPA 8260	02/07/08		4327
n-Propylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
Styrene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
1,1,1,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
1,1,2,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
Tetrachloroethene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
1,2,3-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
1,2,4-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
1,1,1-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
1,1,2-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327
Trichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		4327

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Log Number: 08-C1295
Order: P0487
Project: 13045.007
Received: 01/28/08
Printed: 02/11/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-31-GW-6-8	Matt Webb	01/24/08@12:30	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Trichlorofluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2,3-Trichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2,4-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,3,5-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Vinyl Chloride	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

CREEK ENVIRONMENTAL LABORATORIES, INC.
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Jonathan Skaggs
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2101 Webster St.
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Log Number: 08-C1296
Order: P0487
Project: 13045.007
Received: 01/28/08
Printed: 02/11/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-29-GW-32-38	Matt Webb	01/24/08@13:30	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batc
TPH as Diesel, SGT	Not Detected	0.05	1	mg/L	EPA 8015/LUFT	02/05/08	01/31/08	427
TPH as Motor Oil, SGT	Not Detected	0.1	1	mg/L	EPA 8015/LUFT	02/05/08	01/31/08	427
TPH as Gasoline	Not Detected	0.05	1	mg/L	EPA 8015/LUFT	02/04/08		422
Benzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Toluene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Ethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
m,p-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
o-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Chlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,3-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,4-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2-Dichloroethane (EDC)	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2-Dibromoethane (EDB)	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Bromobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Bromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Bromodichloromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Bromoform	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Bromomethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
n-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
sec-Butyl Benzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
t-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Carbon Tetrachloride	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Chloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
2-Chloroethylvinyl ether	Not Detected	20	1	ug/L	EPA 8260	02/07/08		432
Chloroform	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Chloromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
2-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
4-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1296
Order: P0487
Project: 13045.007
Received: 01/28/08
Printed: 02/11/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-29-GW-32-38	Matt Webb	01/24/08@13:30	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batc
1,2-Dibromo-3-Chloropropane	Not Detected	1	1	ug/L	EPA 8260	02/07/08		432
Dibromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Dibromomethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Dichlorodifluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,1-Dichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,1-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
cis-1,2-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
trans-1,2-Dichloethene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,3-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
2,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,1-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
cis-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
trans-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Hexachlorobutadiene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Isopropylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
4-Isopropyltoluene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Methylene Chloride	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Naphthalene	Not Detected	5	1	ug/L	EPA 8260	02/07/08		432
n-Propylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Styrene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,1,1,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,1,2,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Tetrachloroethene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2,3-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2,4-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,1,1-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,1,2-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Trichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432

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Jonathan Skaggs
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2101 Webster St.
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Log Number: 08-C1296
Order: P0487
Project: 13045.007
Received: 01/28/08
Printed: 02/11/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-29-GW-32-38	Matt Webb	01/24/08@13:30	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batc
Trichlorofluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2,3-Trichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2,4-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,3,5-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Vinyl Chloride	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

CREEK ENVIRONMENTAL LABORATORIES, INC.
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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1297
Order: P0487
Project: 13045.007
Received: 01/28/08
Printed: 02/11/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-27-GW-11-16	Matt Webb	01/24/08@16:45	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
TPH as Diesel, SGT	Not Detected	0.05	1	mg/L	EPA 8015/LUFT	02/05/08	01/31/08	427
TPH as Motor Oil, SGT	Not Detected	0.1	1	mg/L	EPA 8015/LUFT	02/05/08	01/31/08	427
Benzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Toluene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Ethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
m,p-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
o-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Chlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,3-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,4-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2-Dichloroethane (EDC)	3.4	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2-Dibromoethane (EDB)	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Bromobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Bromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Bromodichloromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Bromoform	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Bromomethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
n-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
sec-Butyl Benzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
t-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Carbon Tetrachloride	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Chloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
2-Chloroethylvinyl ether	Not Detected	20	1	ug/L	EPA 8260	02/07/08		432
Chloroform	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Chloromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
2-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
4-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2-Dibromo-3-Chloropropane	Not Detected	1	1	ug/L	EPA 8260	02/07/08		432

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2101 Webster St.
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Log Number: 08-C1297
Order: P0487
Project: 13045.007
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REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-27-GW-11-16	Matt Webb	01/24/08@16:45	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Dibromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Dibromomethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Dichlorodifluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,1-Dichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,1-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
cis-1,2-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
trans-1,2-Dichloethene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,3-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
2,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,1-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
cis-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
trans-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Hexachlorobutadiene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Isopropylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
4-Isopropyltoluene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Methylene Chloride	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Naphthalene	Not Detected	5	1	ug/L	EPA 8260	02/07/08		432
n-Propylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Styrene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,1,1,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,1,2,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Tetrachloroethene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2,3-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2,4-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,1,1-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,1,2-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Trichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Trichlorofluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432

CREEK ENVIRONMENTAL LABORATORIES, INC.
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Jonathan Skaggs
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2101 Webster St.
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Log Number: 08-C1297
Order: P0487
Project: 13045.007
Received: 01/28/08
Printed: 02/11/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-27-GW-11-16	Matt Webb	01/24/08@16:45	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batc
1,2,3-Trichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,2,4-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
1,3,5-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
Vinyl Chloride	Not Detected	0.5	1	ug/L	EPA 8260	02/07/08		432
TPH as Gasoline	Not Detected	0.05	1	mg/L	EPA 8260/LUFT	02/07/08		432

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

CREEK ENVIRONMENTAL LABORATORIES, INC.
A Minority-owned Business Enterprise
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Jonathan Skaggs
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Oakland, CA 94612

Log Number: 08-C1298
Order: P0487
Project: 13045.007
Received: 01/28/08
Printed: 02/11/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-28-7	Matt Webb	01/24/08@15:20	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Mercury	Not Detected	0.04	1	mg/Kg	EPA 7471	01/31/08	01/30/08	409
TPH as Diesel, SGT	Not Detected	10	1	mg/Kg	EPA 8015/LUFT	02/05/08	02/04/08	427
TPH as Motor Oil, SGT	Not Detected	10	1	mg/Kg	EPA 8015/LUFT	02/05/08	02/04/08	427
Benzene	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
Bromobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
Bromochloromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
Bromodichloromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
Bromoform	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
Bromomethane	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
t-Butylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
n-Butylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
sec-Butyl Benzene	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
Carbon Tetrachloride	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
Chlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
Chloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
2-Chloroethylvinyl ether	Not Detected	20	1	ug/Kg	EPA 8260	02/07/08		432
Chloroform	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
Chloromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
2-Chlorotoluene	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
4-Chlorotoluene	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
1,2-Dibromo-3-Chloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
Dibromochloromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
Dibromomethane	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
1,2-Dibromoethane (EDB)	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
Dichlorodifluoromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
1,2-Dichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
1,3-Dichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
1,4-Dichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
1,1-Dichloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432

CREEK ENVIRONMENTAL LABORATORIES, INC.
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Log Number: 08-C1298
Order: P0487
Project: 13045.007
Received: 01/28/08
Printed: 02/11/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-28-7	Matt Webb	01/24/08@15:20	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
1,2-Dichloroethane (EDC)	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
1,1-Dichloroethene	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
cis-1,2-Dichloroethene	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
trans-1,2-Dichloethene	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
1,2-Dichloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
1,3-Dichloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
2,2-Dichloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
1,1-Dichloropropene	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
cis-1,3-Dichloropropene	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
trans-1,3-Dichloropropene	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
Ethylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
Hexachlorobutadiene	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
Isopropylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
4-Isopropyltoluene	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
Methylene Chloride	Not Detected	20	1	ug/Kg	EPA 8260	02/07/08		432
Naphthalene	Not Detected	20	1	ug/Kg	EPA 8260	02/07/08		432
n-Propylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
Styrene	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
1,1,1,2-Tetrachloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
1,1,2,2-Tetrachloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
Tetrachloroethene	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
Toluene	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
1,2,3-Trichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
1,2,4-Trichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
1,1,1-Trichloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
1,1,2-Trichloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
Trichloroethene	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
Trichlorofluoromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
1,2,3-Trichloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1298
Order: P0487
Project: 13045.007
Received: 01/28/08
Printed: 02/11/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-28-7	Matt Webb	01/24/08@15:20	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batc
1,2,4-Trimethylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
1,3,5-Trimethylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
Vinyl Chloride	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
m,p-Xylenes	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
o-Xylene	Not Detected	5	1	ug/Kg	EPA 8260	02/07/08		432
Acenaphthene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	02/06/08	02/05/07	431
Acenaphthylene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	02/06/08	02/05/07	431
Anthracene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	02/06/08	02/05/07	431
Benz[a]anthracene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	02/06/08	02/05/07	431
Benzo[a]pyrene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	02/06/08	02/05/07	431
Benzo[b]fluoranthene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	02/06/08	02/05/07	431
Benzo[ghi]perylene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	02/06/08	02/05/07	431
Benzo[k]fluoranthene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	02/06/08	02/05/07	431
Chrysene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	02/06/08	02/05/07	431
Dibenz[a,h]anthracene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	02/06/08	02/05/07	431
Fluoranthene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	02/06/08	02/05/07	431
Fluorene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	02/06/08	02/05/07	431
Indeno[1,2,3-cd]pyrene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	02/06/08	02/05/07	431
Naphthalene	Not Detected	10 R	1	ug/Kg	EPA 8270 SIM	02/06/08	02/05/07	431
Phenanthrene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	02/06/08	02/05/07	431
Pyrene	Not Detected	10	1	ug/Kg	EPA 8270 SIM	02/06/08	02/05/07	431
Antimony	Not Detected	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	420
Arsenic	2.2	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	420
Barium	170	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	420
Beryllium	0.5	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	420
Cadmium	Not Detected	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	420
Chromium	42	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	420
Cobalt	14	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	420
Copper	11	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	420

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C1298
Order: P0487
Project: 13045.007
Received: 01/28/08
Printed: 02/11/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-28-7	Matt Webb	01/24/08@15:20	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batc
Lead	5.6	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	420
Molybdenum	Not Detected	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	420
Nickel	39	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	420
Selenium	Not Detected	0.5	1	mg/Kg	EPA 6020	02/04/08	01/30/08	420
Silver	Not Detected	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	420
Thallium	Not Detected	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	420
Vanadium	26	0.4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	420
Zinc	20	4	1	mg/Kg	EPA 6020	02/04/08	01/30/08	420

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

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Quality Control Results

Order No.: P0487
Laboratory Reagent Blank

Analyte	Method	Results	Units	Batch
Mercury	EPA 7471	< 0.04	mg/Kg	4091
TPH as Diesel, SGT	EPA 8015/LUFT	< 10	mg/Kg	4277
TPH as Diesel, SGT	EPA 8015/LUFT	< 0.05	mg/L	4275
TPH as Motor Oil, SGT	EPA 8015/LUFT	< 0.1	mg/L	4276
TPH as Motor Oil, SGT	EPA 8015/LUFT	< 10	mg/Kg	4278
TPH as Gasoline	EPA 8015/LUFT	< 0.05	mg/L	4224
Benzene	EPA 8260	< 5	ug/Kg	4325
Bromobenzene	EPA 8260	< 5	ug/Kg	4325
Bromochloromethane	EPA 8260	< 5	ug/Kg	4325
Bromodichloromethane	EPA 8260	< 5	ug/Kg	4325
Bromoform	EPA 8260	< 5	ug/Kg	4325
Bromomethane	EPA 8260	< 5	ug/Kg	4325
t-Butylbenzene	EPA 8260	< 5	ug/Kg	4325
n-Butylbenzene	EPA 8260	< 5	ug/Kg	4325
sec-Butyl Benzene	EPA 8260	< 5	ug/Kg	4325
Carbon Tetrachloride	EPA 8260	< 5	ug/Kg	4325
Chlorobenzene	EPA 8260	< 5	ug/Kg	4325
Chloroethane	EPA 8260	< 5	ug/Kg	4325
2-Chloroethylvinyl ether	EPA 8260	< 20	ug/Kg	4325
Chloroform	EPA 8260	< 5	ug/Kg	4325
Chloromethane	EPA 8260	< 5	ug/Kg	4325
2-Chlorotoluene	EPA 8260	< 5	ug/Kg	4325
4-Chlorotoluene	EPA 8260	< 5	ug/Kg	4325
1,2-Dibromo-3-Chloropropane	EPA 8260	< 5	ug/Kg	4325
Dibromochloromethane	EPA 8260	< 5	ug/Kg	4325
Dibromomethane	EPA 8260	< 5	ug/Kg	4325
1,2-Dibromoethane (EDB)	EPA 8260	< 5	ug/Kg	4325
Dichlorodifluoromethane	EPA 8260	< 5	ug/Kg	4325
1,2-Dichlorobenzene	EPA 8260	< 5	ug/Kg	4325
1,3-Dichlorobenzene	EPA 8260	< 5	ug/Kg	4325
1,4-Dichlorobenzene	EPA 8260	< 5	ug/Kg	4325
1,1-Dichloroethane	EPA 8260	< 5	ug/Kg	4325
1,2-Dichloroethane (EDC)	EPA 8260	< 5	ug/Kg	4325
1,1-Dichloroethene	EPA 8260	< 5	ug/Kg	4325
cis-1,2-Dichloroethene	EPA 8260	< 5	ug/Kg	4325
trans-1,2-Dichloethene	EPA 8260	< 5	ug/Kg	4325
1,2-Dichloropropane	EPA 8260	< 5	ug/Kg	4325
1,3-Dichloropropane	EPA 8260	< 5	ug/Kg	4325
2,2-Dichloropropane	EPA 8260	< 5	ug/Kg	4325
1,1-Dichloropropene	EPA 8260	< 5	ug/Kg	4325
cis-1,3-Dichloropropene	EPA 8260	< 5	ug/Kg	4325
trans-1,3-Dichloropropene	EPA 8260	< 5	ug/Kg	4325
Ethylbenzene	EPA 8260	< 5	ug/Kg	4325
Hexachlorobutadiene	EPA 8260	< 5	ug/Kg	4325
Isopropylbenzene	EPA 8260	< 5	ug/Kg	4325

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Quality Control Results

Order No.: P0487

Laboratory Reagent Blank (continued)

Analyte	Method	Result	Units	Batch
4-Isopropyltoluene	EPA 8260	< 5	ug/Kg	4325
Methylene Chloride	EPA 8260	< 20	ug/Kg	4325
Naphthalene	EPA 8260	< 20	ug/Kg	4325
n-Propylbenzene	EPA 8260	< 5	ug/Kg	4325
Styrene	EPA 8260	< 5	ug/Kg	4325
1,1,1,2-Tetrachloroethane	EPA 8260	< 5	ug/Kg	4325
1,1,2,2-Tetrachloroethane	EPA 8260	< 5	ug/Kg	4325
Tetrachloroethene	EPA 8260	< 5	ug/Kg	4325
Toluene	EPA 8260	< 5	ug/Kg	4325
1,2,3-Trichlorobenzene	EPA 8260	< 5	ug/Kg	4325
1,2,4-Trichlorobenzene	EPA 8260	< 5	ug/Kg	4325
1,1,1-Trichloroethane	EPA 8260	< 5	ug/Kg	4325
1,1,2-Trichloroethane	EPA 8260	< 5	ug/Kg	4325
Trichloroethene	EPA 8260	< 5	ug/Kg	4325
Trichlorofluoromethane	EPA 8260	< 5	ug/Kg	4325
1,2,3-Trichloropropane	EPA 8260	< 5	ug/Kg	4325
1,2,4-Trimethylbenzene	EPA 8260	< 5	ug/Kg	4325
1,3,5-Trimethylbenzene	EPA 8260	< 5	ug/Kg	4325
Vinyl Chloride	EPA 8260	< 5	ug/Kg	4325
m,p-Xylenes	EPA 8260	< 5	ug/Kg	4325
o-Xylene	EPA 8260	< 5	ug/Kg	4325
Benzene	EPA 8260	< 0.5	ug/L	4327
Toluene	EPA 8260	< 0.5	ug/L	4327
Ethylbenzene	EPA 8260	< 0.5	ug/L	4327
m,p-Xylene	EPA 8260	< 0.5	ug/L	4327
o-Xylene	EPA 8260	< 0.5	ug/L	4327
Chlorobenzene	EPA 8260	< 0.5	ug/L	4327
1,2-Dichlorobenzene	EPA 8260	< 0.5	ug/L	4327
1,3-Dichlorobenzene	EPA 8260	< 0.5	ug/L	4327
1,4-Dichlorobenzene	EPA 8260	< 0.5	ug/L	4327
1,2-Dichloroethane (EDC)	EPA 8260	< 0.5	ug/L	4327
1,2-Dibromoethane (EDB)	EPA 8260	< 0.5	ug/L	4327
Bromobenzene	EPA 8260	< 0.5	ug/L	4327
Bromochloromethane	EPA 8260	< 0.5	ug/L	4327
Bromodichloromethane	EPA 8260	< 0.5	ug/L	4327
Bromoform	EPA 8260	< 0.5	ug/L	4327
Bromomethane	EPA 8260	< 0.5	ug/L	4327
n-Butylbenzene	EPA 8260	< 0.5	ug/L	4327
sec-Butyl Benzene	EPA 8260	< 0.5	ug/L	4327
t-Butylbenzene	EPA 8260	< 0.5	ug/L	4327
Carbon Tetrachloride	EPA 8260	< 0.5	ug/L	4327
Chloroethane	EPA 8260	< 0.5	ug/L	4327
2-Chloroethylvinyl ether	EPA 8260	< 20	ug/L	4327
Chloroform	EPA 8260	< 0.5	ug/L	4327

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Order No.: P0487

Laboratory Reagent Blank (continued)

Analyte	Method	Result	Units	Batch
Chloromethane	EPA 8260	< 0.5	ug/L	4327
2-Chlorotoluene	EPA 8260	< 0.5	ug/L	4327
4-Chlorotoluene	EPA 8260	< 0.5	ug/L	4327
1,2-Dibromo-3-Chloropropane	EPA 8260	< 1	ug/L	4327
Dibromochloromethane	EPA 8260	< 0.5	ug/L	4327
Dibromomethane	EPA 8260	< 0.5	ug/L	4327
Dichlorodifluoromethane	EPA 8260	< 0.5	ug/L	4327
1,1-Dichloroethane	EPA 8260	< 0.5	ug/L	4327
1,1-Dichloroethene	EPA 8260	< 0.5	ug/L	4327
cis-1,2-Dichloroethene	EPA 8260	< 0.5	ug/L	4327
trans-1,2-Dichloethene	EPA 8260	< 0.5	ug/L	4327
1,2-Dichloropropane	EPA 8260	< 0.5	ug/L	4327
1,3-Dichloropropane	EPA 8260	< 0.5	ug/L	4327
2,2-Dichloropropane	EPA 8260	< 0.5	ug/L	4327
1,1-Dichloropropene	EPA 8260	< 0.5	ug/L	4327
cis-1,3-Dichloropropene	EPA 8260	< 0.5	ug/L	4327
trans-1,3-Dichloropropene	EPA 8260	< 0.5	ug/L	4327
Hexachlorobutadiene	EPA 8260	< 0.5	ug/L	4327
Isopropylbenzene	EPA 8260	< 0.5	ug/L	4327
4-Isopropyltoluene	EPA 8260	< 0.5	ug/L	4327
Methylene Chloride	EPA 8260	< 0.5	ug/L	4327
Naphthalene	EPA 8260	< 5	ug/L	4327
n-Propylbenzene	EPA 8260	< 0.5	ug/L	4327
Styrene	EPA 8260	< 0.5	ug/L	4327
1,1,1,2-Tetrachloroethane	EPA 8260	< 0.5	ug/L	4327
1,1,2,2-Tetrachloroethane	EPA 8260	< 0.5	ug/L	4327
Tetrachloroethene	EPA 8260	< 0.5	ug/L	4327
1,2,3-Trichlorobenzene	EPA 8260	< 0.5	ug/L	4327
1,2,4-Trichlorobenzene	EPA 8260	< 0.5	ug/L	4327
1,1,1-Trichloroethane	EPA 8260	< 0.5	ug/L	4327
1,1,2-Trichloroethane	EPA 8260	< 0.5	ug/L	4327
Trichloroethene	EPA 8260	< 0.5	ug/L	4327
Trichlorofluoromethane	EPA 8260	< 0.5	ug/L	4327
1,2,3-Trichloropropane	EPA 8260	< 0.5	ug/L	4327
1,2,4-Trimethylbenzene	EPA 8260	< 0.5	ug/L	4327
1,3,5-Trimethylbenzene	EPA 8260	< 0.5	ug/L	4327
Vinyl Chloride	EPA 8260	< 0.5	ug/L	4327
Acenaphthene	EPA 8270 SIM	< 10	ug/Kg	4311
Acenaphthylene	EPA 8270 SIM	< 10	ug/Kg	4311
Anthracene	EPA 8270 SIM	< 10	ug/Kg	4311
Benz[a]anthracene	EPA 8270 SIM	< 10	ug/Kg	4311
Benzo[a]pyrene	EPA 8270 SIM	< 10	ug/Kg	4311
Benzo[b]fluoranthene	EPA 8270 SIM	< 10	ug/Kg	4311
Benzo[ghi]perylene	EPA 8270 SIM	< 10	ug/Kg	4311

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Quality Control Results

Order No.: P0487

Laboratory Reagent Blank (continued)

Analyte	Method	Result	Units	Batch
Benzo[k]fluoranthene	EPA 8270 SIM	< 10	ug/Kg	4311
Chrysene	EPA 8270 SIM	< 10	ug/Kg	4311
Dibenz[a,h]anthracene	EPA 8270 SIM	< 10	ug/Kg	4311
Fluoranthene	EPA 8270 SIM	< 10	ug/Kg	4311
Fluorene	EPA 8270 SIM	< 10	ug/Kg	4311
Indeno[1,2,3-cd]pyrene	EPA 8270 SIM	< 10	ug/Kg	4311
Naphthalene	EPA 8270 SIM	< 10	ug/Kg	4311
Phenanthrene	EPA 8270 SIM	< 10	ug/Kg	4311
Pyrene	EPA 8270 SIM	< 10	ug/Kg	4311
TPH as Gasoline	EPA 8260/LUFT	< 0.05	mg/L	4327
Antimony	EPA 6020	< 0.4	mg/Kg	4203
Arsenic	EPA 6020	< 0.4	mg/Kg	4203
Barium	EPA 6020	< 0.4	mg/Kg	4203
Beryllium	EPA 6020	< 0.4	mg/Kg	4203
Cadmium	EPA 6020	< 0.4	mg/Kg	4203
Chromium	EPA 6020	< 0.4	mg/Kg	4203
Cobalt	EPA 6020	< 0.4	mg/Kg	4203
Copper	EPA 6020	< 0.4	mg/Kg	4203
Lead	EPA 6020	< 0.4	mg/Kg	4203
Molybdenum	EPA 6020	< 0.4	mg/Kg	4203
Nickel	EPA 6020	< 0.4	mg/Kg	4203
Selenium	EPA 6020	< 0.5	mg/Kg	4203
Silver	EPA 6020	< 0.4	mg/Kg	4203
Thallium	EPA 6020	< 0.4	mg/Kg	4203
Vanadium	EPA 6020	< 0.4	mg/Kg	4203
Zinc	EPA 6020	< 4	mg/Kg	4203

Laboratory Known Analysis (LCS)

Analyte	Method	Recovery	Spike Amount	Units	Recovery Limits	Batch
Mercury	EPA 7471	90%	8.3	mg/Kg	56 - 148	4091
TPH as Diesel, SGT	EPA 8015/LUFT	54%	250	mg/Kg	50 - 150	4277
TPH as Diesel, SGT	EPA 8015/LUFT	56%	5.0	mg/L	50 - 150	4275
TPH as Diesel, SGT	EPA 8015/LUFT	64%	5.0	mg/L	50 - 150	4275
TPH as Gasoline	EPA 8015/LUFT	92%	0.2	mg/L	60 - 140	4224
Benzene	EPA 8260	114%	50	ug/Kg	60 - 140	4325
Chlorobenzene	EPA 8260	128%	50	ug/Kg	60 - 140	4325
1,1-Dichloroethene	EPA 8260	80%	50	ug/Kg	60 - 140	4325
Toluene	EPA 8260	122%	50	ug/Kg	60 - 140	4325
Trichloroethene	EPA 8260	112%	50	ug/Kg	60 - 140	4325
Benzene	EPA 8260	114%	10	ug/L	80 - 120	4327
Toluene	EPA 8260	146%	10	ug/L	80 - 120	4327
Chlorobenzene	EPA 8260	110%	10	ug/L	80 - 120	4327

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Order No.: P0487

Laboratory Known Analysis (LCS)

Analyte	Method	Recovery	Spike Amount	Units	Recovery Limits	Batch
1,1-Dichloroethene	EPA 8260	89%	10	ug/L	80 - 120	4327
Trichloroethene	EPA 8260	123%	10	ug/L	80 - 120	4327
Acenaphthene	EPA 8270 SIM	61%	67	ug/Kg	31 - 137	4311
Acenaphthylene	EPA 8270 SIM	43%	67	ug/Kg	26 - 119	4311
Anthracene	EPA 8270 SIM	75%	67	ug/Kg	44 - 110	4311
Benz[a]anthracene	EPA 8270 SIM	88%	67	ug/Kg	38 - 116	4311
Benzo[a]pyrene	EPA 8270 SIM	67%	67	ug/Kg	36 - 121	4311
Benzo[b]fluoranthene	EPA 8270 SIM	88%	67	ug/Kg	37 - 129	4311
Benzo[ghi]perylene	EPA 8270 SIM	81%	67	ug/Kg	31 - 128	4311
Benzo[k]fluoranthene	EPA 8270 SIM	93%	67	ug/Kg	36 - 135	4311
Chrysene	EPA 8270 SIM	81%	67	ug/Kg	38 - 128	4311
Dibenz[a,h]anthracene	EPA 8270 SIM	87%	67	ug/Kg	28 - 134	4311
Fluoranthene	EPA 8270 SIM	87%	67	ug/Kg	37 - 126	4311
Fluorene	EPA 8270 SIM	78%	67	ug/Kg	29 - 119	4311
Indeno[1,2,3-cd]pyrene	EPA 8270 SIM	82%	67	ug/Kg	25 - 125	4311
Naphthalene	EPA 8270 SIM	13%	67	ug/Kg	15 - 119	4311
Phenanthrene	EPA 8270 SIM	94%	67	ug/Kg	38 - 124	4311
Pyrene	EPA 8270 SIM	84%	67	ug/Kg	35 - 142	4311
Antimony	EPA 6020	50%	90	mg/Kg	10 - 120	4203
Arsenic	EPA 6020	85%	130	mg/Kg	60 - 140	4203
Barium	EPA 6020	101%	320	mg/Kg	60 - 140	4203
Beryllium	EPA 6020	106%	90	mg/Kg	60 - 140	4203
Cadmium	EPA 6020	112%	66	mg/Kg	60 - 140	4203
Chromium	EPA 6020	96%	73	mg/Kg	60 - 140	4203
Cobalt	EPA 6020	100%	73	mg/Kg	60 - 140	4203
Copper	EPA 6020	96%	68	mg/Kg	60 - 140	4203
Lead	EPA 6020	105%	130	mg/Kg	60 - 140	4203
Molybdenum	EPA 6020	91%	49	mg/Kg	60 - 140	4203
Nickel	EPA 6020	99%	56	mg/Kg	60 - 140	4203
Selenium	EPA 6020	116%	160	mg/Kg	60 - 140	4203
Silver	EPA 6020	106%	100	mg/Kg	60 - 140	4203
Thallium	EPA 6020	111%	130	mg/Kg	60 - 140	4203
Vanadium	EPA 6020	89%	83	mg/Kg	60 - 140	4203
Zinc	EPA 6020	94%	180	mg/Kg	60 - 140	4203

Matrix Spike/Matrix Spike Duplicates

Analyte	Method	MS Rec.	MSD Rec.	RPD	Matrix Sample	Spike Amount	Units	Recovery Limits	RPD Limit	Batch
Mercury	EPA 7471	86%	102%	17	08-C1246	0.8	mg/Kg	60 - 140	30	4091
TPH as Gasoline	EPA 8015/LUFT	120%	120%	0	08-C1240	0.2	mg/L	60 - 140	30	4224
Benzene	EPA 8260	118%	114%	3	08-C1298	50	ug/Kg	50 - 150	30	4325
Chlorobenzene	EPA 8260	134%	128%	5	08-C1298	50	ug/Kg	50 - 150	30	4325
1,1-Dichloroethene	EPA 8260	84%	78%	7	08-C1298	50	ug/Kg	50 - 150	30	4325

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Quality Control Results

Order No.: P0487

Matrix Spike/Matrix Spike Duplicates

Analyte	Method	MS Rec.	MSD Rec.	RPD	Matrix Sample	Spike Amount	Units	Recovery Limits	RPD Limit	Batch
Toluene	EPA 8260	128%	124%	3	08-C1298	50	ug/Kg	50 - 150	30	4325
Trichloroethene	EPA 8260	114%	108%	5	08-C1298	50	ug/Kg	50 - 150	30	4325
Benzene	EPA 8260	116%	116%	0	08-C1296	10	ug/L	70 - 130	20	4327
Toluene	EPA 8260	148%	149%	1	08-C1296	10	ug/L	70 - 130	20	4327
Chlorobenzene	EPA 8260	113%	112%	1	08-C1296	10	ug/L	70 - 130	20	4327
1,1-Dichloroethene	EPA 8260	84%	94%	11	08-C1296	10	ug/L	70 - 130	20	4327
Trichloroethene	EPA 8260	126%	125%	1	08-C1296	10	ug/L	70 - 130	20	4327
Antimony	EPA 6020	103%	104%	0	08-C1310	50	mg/Kg	10 - 120	30	4203
Arsenic	EPA 6020	94%	93%	1	08-C1310	50	mg/Kg	60 - 140	30	4203
Barium	EPA 6020	93%	93%	1	08-C1310	50	mg/Kg	60 - 140	30	4203
Beryllium	EPA 6020	97%	97%	0	08-C1310	50	mg/Kg	60 - 140	30	4203
Cadmium	EPA 6020	105%	105%	1	08-C1310	50	mg/Kg	60 - 140	30	4203
Chromium	EPA 6020	97%	97%	0	08-C1310	50	mg/Kg	60 - 140	30	4203
Cobalt	EPA 6020	97%	97%	0	08-C1310	50	mg/Kg	60 - 140	30	4203
Copper	EPA 6020	102%	102%	1	08-C1310	50	mg/Kg	60 - 140	30	4203
Lead	EPA 6020	99%	99%	1	08-C1310	50	mg/Kg	60 - 140	30	4203
Molybdenum	EPA 6020	95%	96%	1	08-C1310	50	mg/Kg	60 - 140	30	4203
Nickel	EPA 6020	100%	100%	0	08-C1310	50	mg/Kg	60 - 140	30	4203
Selenium	EPA 6020	104%	104%	0	08-C1310	200	mg/Kg	60 - 140	30	4203
Silver	EPA 6020	98%	99%	1	08-C1310	50	mg/Kg	50 - 130	30	4203
Thallium	EPA 6020	97%	99%	1	08-C1310	50	mg/Kg	60 - 140	30	4203
Vanadium	EPA 6020	99%	95%	2	08-C1310	50	mg/Kg	60 - 140	30	4203
Zinc	EPA 6020	114%	116%	2	08-C1310	50	mg/Kg	60 - 140	30	4203

Sample Duplicate

Analyte	Method	Sample ID	Sample Value	Sample Duplicate	RPD	Units	RPD Limit	Batch
TPH as Diesel, SGT	EPA 8015/LUFT	08-C1298	< 10	< 10	0	mg/Kg	30.	4277
TPH as Diesel, SGT	EPA 8015/LUFT	kv:LCS	2.8	3.2	13	mg/L	30.	4275
TPH as Motor Oil, SGT	EPA 8015/LUFT	08-C1298	< 10	< 10	0	mg/Kg	30.	4278
Vanadium	EPA 6020	08-C1311	63	63	0	mg/Kg	30.	4203

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

Ordered By

[redacted]

Telephone (805)545-9838
Attn Orval Osborne

[redacted]

Job Number	Ordered	Client
36772	01/29/2008	CREEK

Project ID: P0487
Project Name:

Enclosed are the results of analyses on 1 sample analyzed as specified on attached chain of custody.

Amolk MOLKY Brar
Laboratory Manager

Rojert G. Araghi
Laboratory Director

[redacted]

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Ordered By

Creek Environmental Labs, Inc.
141 Suburban Rd Suite C-5
San Luis Obispo, CA 93401

Telephone: (805)545-9838
Attn: Orval Osborne
Page: 2
Project ID: P0487

ASL Job Number	Submitted	Client
36772	01/29/2008	CREEK

Method: 8082, Polychlorinated Biphenyls(PCBs) by Gas Chromatography

QC Batch No: 020108-1

Our Lab I.D.		21C785				
Client Sample I.D.		SB-28-7(1298)				
Date Sampled		01/24/2008				
Date Prepared		01/29/2008				
Preparation Method						
Date Analyzed		02/01/2008				
Matrix		Soil				
Units		ug/kg				
Dilution Factor		1				
Analytes	PQL	Results				
Aroclor-1016 (PCB-1016)	33.00	ND				
Aroclor-1221 (PCB-1221)	67.00	ND				
Aroclor-1232 (PCB-1232)	33.00	ND				
Aroclor-1242 (PCB-1242)	33.00	ND				
Aroclor-1248 (PCB-1248)	33.00	ND				
Aroclor-1254 (PCB-1254)	33.00	ND				
Aroclor-1260 (PCB-1260)	33.00	ND				

Our Lab I.D.		21C785				
Surrogates	% Rec.Limit	% Rec.				
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	84				

QUALITY CONTROL REPORT

QC Batch No: 020108-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aroclor-1260 (PCB-1260)	116	119	2.6	39-150	<30					

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Surrogate Report

Sample Number	Batch	Method	Surrogate	% Recovery	QC Limits
08-C1293	4327	EPA 8260	Dibromofluoromethane	115.	81-123
08-C1293	4327	EPA 8260	Toluene-d8	105.	78-116
08-C1293	4327	EPA 8260	4-BFB	76.	60-116
08-C1293	5774	EPA 8015M (C12-C40)	Hexacosane	72.	50-150
08-C1293	4224	EPA 8015M (Gasoline)	a,a,a-Trifluorotoluene	107.	50-150
08-C1294	4327	EPA 8260	Dibromofluoromethane	114.	81-123
08-C1294	4327	EPA 8260	Toluene-d8	105.	78-116
08-C1294	4327	EPA 8260	4-BFB	75.	60-116
08-C1294	5774	EPA 8015M (C12-C40)	Hexacosane	78.	50-150
08-C1294	4224	EPA 8015M (Gasoline)	a,a,a-Trifluorotoluene	109.	50-150
08-C1295	4327	EPA 8260	Dibromofluoromethane	115.	81-123
08-C1295	4327	EPA 8260	Toluene-d8	106.	78-116
08-C1295	4327	EPA 8260	4-BFB	81.	60-116
08-C1295	5774	EPA 8015M (C12-C40)	Hexacosane	90.	50-150
08-C1295	4224	EPA 8015M (Gasoline)	a,a,a-Trifluorotoluene	110.	50-150
08-C1296	4327	EPA 8260	Dibromofluoromethane	107.	81-123
08-C1296	4327	EPA 8260	Toluene-d8	106.	78-116
08-C1296	4327	EPA 8260	4-BFB	72.	60-116
08-C1296	5774	EPA 8015M (C12-C40)	Hexacosane	73.	50-150
08-C1296	4224	EPA 8015M (Gasoline)	a,a,a-Trifluorotoluene	110.	50-150
08-C1297	4327	EPA 8260	Dibromofluoromethane	111.	81-123
08-C1297	4327	EPA 8260	Toluene-d8	106.	78-116
08-C1297	4327	EPA 8260	4-BFB	72.	60-116
08-C1297	5774	EPA 8015M (C12-C40)	Hexacosane	79.	50-150
08-C1298	4325	EPA 8260	Dibromofluoromethane	107.	80-130
08-C1298	4325	EPA 8260	Toluene-d8	100.	70-126
08-C1298	4325	EPA 8260	4-BFB	69.	57-124
08-C1298	5774	EPA 8015M (C12-C40)	Hexacosane	66.	50-150
08-C1298	4311	EPA 8270	Pyrene-d10	37.	26-127
blank	4327	EPA 8260	Dibromofluoromethane	108.	81-123
LCS	4327	EPA 8260	Dibromofluoromethane	108.	81-123
08-C1296 MS	4327	EPA 8260	Dibromofluoromethane	113.	81-123
08-C1296 MSD	4327	EPA 8260	Dibromofluoromethane	115.	81-123
blank	4327	EPA 8260	Toluene-d8	105.	78-116
LCS	4327	EPA 8260	Toluene-d8	104.	78-116
08-C1296 MS	4327	EPA 8260	Toluene-d8	105.	78-116
08-C1296 MSD	4327	EPA 8260	Toluene-d8	106.	78-116
blank	4327	EPA 8260	4-BFB	75.	60-116
LCS	4327	EPA 8260	4-BFB	73.	60-116
08-C1296 MS	4327	EPA 8260	4-BFB	74.	60-116
08-C1296 MSD	4327	EPA 8260	4-BFB	73.	60-116
blank	4325	EPA 8260	Dibromofluoromethane	103.	80-130
LCS	4325	EPA 8260	Dibromofluoromethane	101.	80-130
08-C1298 MS	4325	EPA 8260	Dibromofluoromethane	102.	80-130
08-C1298 MSD	4325	EPA 8260	Dibromofluoromethane	100.	80-130
blank	4325	EPA 8260	Toluene-d8	100.	70-126

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Surrogate Report

Sample Number	Batch	Method	Surrogate	% Recovery	QC Limits
LCS	4325	EPA 8260	Toluene-d8	100.	70-126
08-C1298 MS	4325	EPA 8260	Toluene-d8	99.	70-126
08-C1298 MSD	4325	EPA 8260	Toluene-d8	100.	70-126
blank	4325	EPA 8260	4-BFB	72.	57-124
LCS	4325	EPA 8260	4-BFB	72.	57-124
08-C1298 MS	4325	EPA 8260	4-BFB	65.	57-124
08-C1298 MSD	4325	EPA 8260	4-BFB	63.	57-124
blank	5774	EPA 8015M (C12-C40)	Hexacosane	86.	50-150
blank	4311	EPA 8270	Pyrene-d10	52.	26-127
LCS	4311	EPA 8270	Pyrene-d10	61.	26-127
blank	4224	EPA 8015M (Gasoline)	a,a,a-Trifluorotoluene	106.	50-150
LCS	4224	EPA 8015M (Gasoline)	a,a,a-Trifluorotoluene	105.	50-150
08-C1240 MS	4224	EPA 8015M (Gasoline)	a,a,a-Trifluorotoluene	111.	50-150
08-C1240 MSD	4224	EPA 8015M (Gasoline)	a,a,a-Trifluorotoluene	113.	50-150

CHAIN-OF-CUSTODY RECORD

P0467 OAK 10591

PROJECT NAME:		DATE:	PAGE OF
PROJECT NUMBER: 13045.007	LABORATORY NAME: Creek Env. Labs	CLIENT INFORMATION:	REPORTING REQUIREMENTS:
RESULTS TO: Jonathan Skaggs	LABORATORY ADDRESS: 141 Suburban Rd G-15		
TURNAROUND TIME: Standard	San Luis Obispo, CA 93401		
SAMPLE SHIPMENT METHOD: Cal Overnight	LABORATORY CONTACT: Judy		GEOTRACKER REQUIRED YES NO
	LABORATORY PHONE NUMBER:		SITE SPECIFIC GLOBAL ID NO.

SAMPLERS (SIGNATURE): Matt Webb

ANALYSES

DATE	TIME	SAMPLE NUMBER	TPH-d	TPH-mo	TPH-g	VOC 8260*	PAH 8270SIM	PCB Aroclors	Title 22 metals	Silicagel cleanup	CONTAINER TYPE AND SIZE	Soil (S), Water (W), Vapor (V), or Other (O)	Filtered	Preservative Type	Cooled	MS/MSD	No. of Containers	ADDITIONAL COMMENTS
1/24/08	10:40	SB-29-GW-11-16	X	X	X	X				X	A-C	1 L amber, 40ml VOA	W	N	HCl	Y	N	7	1293
	11:30	SB-25-GW-14-19																	1294
	12:30	SB-31-GW-6-8																	1295
	13:30	SB-29-GW-32-38									A-D					Y	15	MS/MSD 1296
	16:45	SB-27-GW-11-16									A-C					N	7 (MW 4)	1297
	15:20	SB-28-7					X	X	X		A-D	Acetate liner, 40ml VOA	S		9,6		N	4	1298

LNO TPH-g per J. Skaggs 1/7/08

*NO oxy's per J Skaggs

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
SIGNATURE: Matt Webb	1/25/08	830	SIGNATURE:	1/28/08	9:50
PRINTED NAME: Matt Webb			PRINTED NAME: K. Osborne		
COMPANY: Geomatrix			COMPANY: Creek		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		

TOTAL NUMBER OF CONTAINERS:

SAMPLING COMMENTS:

a - 2 - 40ml VOAs with Sodium Bisulfate Preservative
b - 1 - 40ml VOA Methanol Preservative
2° / Intact / Cal overnight / no seal

2101 Webster Street, 12th Floor
Oakland, California 94612-3066
Tel 510.663.4100 Fax 510.663.4141

Geomatrix

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C2021
Order: P0760
Project: PG&E Oakland GCY 13045.007
Received: 02/12/08
Printed: 03/05/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-30-GW-16-12		02/08/08@08:55	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
TPH as Diesel, SGT	Not Detected	0.05	1	mg/L	EPA 8015/LUFT	02/20/08	02/14/08	4680
TPH as Motor Oil, SGT	Not Detected	0.1	1	mg/L	EPA 8015/LUFT	02/20/08	02/14/08	4682
TPH as Gasoline	Not Detected	0.05	1	mg/L	EPA 8015/LUFT	02/20/08		4668
Benzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Toluene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Ethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
m,p-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
o-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Chlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,2-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,3-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,4-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,2-Dichloroethane (EDC)	3.5	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,2-Dibromoethane (EDB)	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Bromobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Bromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Bromodichloromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Bromoform	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Bromomethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
n-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
sec-Butyl Benzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
t-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Carbon Tetrachloride	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Chloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
2-Chloroethylvinyl ether	Not Detected	20	1	ug/L	EPA 8260	02/19/08		4634
Chloroform	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Chloromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
2-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
4-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C2021
Order: P0760
Project: PG&E Oakland GCY 13045.007
Received: 02/12/08
Printed: 03/05/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-30-GW-16-12		02/08/08@08:55	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
1,2-Dibromo-3-Chloropropane	Not Detected	1	1	ug/L	EPA 8260	02/19/08		4634
Dibromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Dibromomethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Dichlorodifluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,1-Dichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,1-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
cis-1,2-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
trans-1,2-Dichloethene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,3-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
2,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,1-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
cis-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
trans-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Hexachlorobutadiene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Isopropylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
4-Isopropyltoluene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Methylene Chloride	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Naphthalene	Not Detected	5	1	ug/L	EPA 8260	02/19/08		4634
n-Propylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Styrene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,1,1,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,1,2,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Tetrachloroethene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,2,3-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,2,4-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,1,1-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,1,2-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Trichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C2021
Order: P0760
Project: PG&E Oakland GCY 13045.007
Received: 02/12/08
Printed: 03/05/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-30-GW-16-12		02/08/08@08:55	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Trichlorofluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,2,3-Trichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,2,4-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,3,5-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Vinyl Chloride	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

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Jonathan Skaggs
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2101 Webster St.
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Log Number: 08-C2022
Order: P0760
Project: PG&E Oakland GCY 13045.007
Received: 02/12/08
Printed: 03/05/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-30-GW-30-35		02/08/08@09:45	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
TPH as Diesel, SGT	Not Detected	0.05	1	mg/L	EPA 8015/LUFT	02/20/08	02/14/08	4680
TPH as Motor Oil, SGT	Not Detected	0.1	1	mg/L	EPA 8015/LUFT	02/20/08	02/14/08	4682
TPH as Gasoline	Not Detected	0.05	1	mg/L	EPA 8015/LUFT	02/20/08		4668
Benzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Toluene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Ethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
m,p-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
o-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Chlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,2-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,3-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,4-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,2-Dichloroethane (EDC)	1.9	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,2-Dibromoethane (EDB)	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Bromobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Bromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Bromodichloromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Bromoform	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Bromomethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
n-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
sec-Butyl Benzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
t-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Carbon Tetrachloride	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Chloroethane	2.4	0.5	1	ug/L	EPA 8260	02/19/08		4634
2-Chloroethylvinyl ether	Not Detected	20	1	ug/L	EPA 8260	02/19/08		4634
Chloroform	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Chloromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
2-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
4-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634

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Log Number: 08-C2022
Order: P0760
Project: PG&E Oakland GCY 13045.007
Received: 02/12/08
Printed: 03/05/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-30-GW-30-35		02/08/08@09:45	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
1,2-Dibromo-3-Chloropropane	Not Detected	1	1	ug/L	EPA 8260	02/19/08		4634
Dibromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Dibromomethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Dichlorodifluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,1-Dichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,1-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
cis-1,2-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
trans-1,2-Dichloethene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,3-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
2,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,1-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
cis-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
trans-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Hexachlorobutadiene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Isopropylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
4-Isopropyltoluene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Methylene Chloride	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Naphthalene	Not Detected	5	1	ug/L	EPA 8260	02/19/08		4634
n-Propylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Styrene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,1,1,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,1,2,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Tetrachloroethene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,2,3-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,2,4-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,1,1-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,1,2-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Trichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634

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2101 Webster St.
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Log Number: 08-C2022
Order: P0760
Project: PG&E Oakland GCY 13045.007
Received: 02/12/08
Printed: 03/05/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-30-GW-30-35		02/08/08@09:45	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Trichlorofluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,2,3-Trichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,2,4-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,3,5-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Vinyl Chloride	53	2	5	ug/L	EPA 8260	02/21/08		4706

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

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2101 Webster St.
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Log Number: 08-C2023
Order: P0760
Project: PG&E Oakland GCY 13045.007
Received: 02/12/08
Printed: 03/05/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-30-10.5		02/07/08@12:55	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Benzene	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
Bromobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
Bromochloromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
Bromodichloromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
Bromoform	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
Bromomethane	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
t-Butylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
n-Butylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
sec-Butyl Benzene	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
Carbon Tetrachloride	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
Chlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
Chloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
2-Chloroethylvinyl ether	Not Detected	20	1	ug/Kg	EPA 8260	02/20/08		4695
Chloroform	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
Chloromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
2-Chlorotoluene	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
4-Chlorotoluene	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
1,2-Dibromo-3-Chloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
Dibromochloromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
Dibromomethane	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
1,2-Dibromoethane (EDB)	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
Dichlorodifluoromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
1,2-Dichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
1,3-Dichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
1,4-Dichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
1,1-Dichloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
1,2-Dichloroethane (EDC)	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
1,1-Dichloroethene	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
cis-1,2-Dichloroethene	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695

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Log Number: 08-C2023
Order: P0760
Project: PG&E Oakland GCY 13045.007
Received: 02/12/08
Printed: 03/05/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-30-10.5		02/07/08@12:55	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
trans-1,2-Dichloethene	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
1,2-Dichloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
1,3-Dichloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
2,2-Dichloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
1,1-Dichloropropene	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
cis-1,3-Dichloropropene	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
trans-1,3-Dichloropropene	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
Ethylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
Hexachlorobutadiene	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
Isopropylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
4-Isopropyltoluene	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
Methylene Chloride	Not Detected	20	1	ug/Kg	EPA 8260	02/20/08		4695
Naphthalene	Not Detected	20	1	ug/Kg	EPA 8260	02/20/08		4695
n-Propylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
Styrene	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
1,1,1,2-Tetrachloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
1,1,2,2-Tetrachloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
Tetrachloroethene	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
Toluene	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
1,2,3-Trichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
1,2,4-Trichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
1,1,1-Trichloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
1,1,2-Trichloroethane	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
Trichloroethene	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
Trichlorofluoromethane	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
1,2,3-Trichloropropane	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
1,2,4-Trimethylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
1,3,5-Trimethylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
Vinyl Chloride	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695

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Log Number: 08-C2023
Order: P0760
Project: PG&E Oakland GCY 13045.007
Received: 02/12/08
Printed: 03/05/08

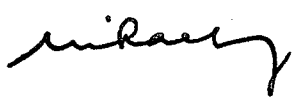
REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-30-10.5		02/07/08@12:55	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
m,p-Xylenes	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695
o-Xylene	Not Detected	5	1	ug/Kg	EPA 8260	02/20/08		4695

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES



Lab Director, Michael Ng

CREEK ENVIRONMENTAL LABORATORIES, INC.
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Log Number: 08-C2024
Order: P0760
Project: PG&E Oakland GCY 13045.007
Received: 02/12/08
Printed: 03/05/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-28-GW-11-16		02/08/08@14:00	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
TPH as Diesel, SGT	0.27	0.05	1	mg/L	EPA 8015/LUFT	02/20/08	02/14/08	4680
TPH as Motor Oil, SGT	Not Detected	0.1	1	mg/L	EPA 8015/LUFT	02/20/08	02/14/08	4682
TPH as Gasoline	Not Detected	0.05	1	mg/L	EPA 8015/LUFT	02/20/08		4668
Benzene	0.6	0.5	1	ug/L	EPA 8260	02/19/08		4634
Toluene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Ethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
m,p-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
o-Xylene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Chlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,2-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,3-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,4-Dichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,2-Dichloroethane (EDC)	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,2-Dibromoethane (EDB)	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Bromobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Bromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Bromodichloromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Bromoform	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Bromomethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
n-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
sec-Butyl Benzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
t-Butylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Carbon Tetrachloride	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Chloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
2-Chloroethylvinyl ether	Not Detected	20	1	ug/L	EPA 8260	02/19/08		4634
Chloroform	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Chloromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
2-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
4-Chlorotoluene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634

CREEK ENVIRONMENTAL LABORATORIES, INC.
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Jonathan Skaggs
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Log Number: 08-C2024
Order: P0760
Project: PG&E Oakland GCY 13045.007
Received: 02/12/08
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REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-28-GW-11-16		02/08/08@14:00	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
1,2-Dibromo-3-Chloropropane	Not Detected	1	1	ug/L	EPA 8260	02/19/08		4634
Dibromochloromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Dibromomethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Dichlorodifluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,1-Dichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,1-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
cis-1,2-Dichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
trans-1,2-Dichloethene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,3-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
2,2-Dichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,1-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
cis-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
trans-1,3-Dichloropropene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Hexachlorobutadiene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Isopropylbenzene	1.5	0.5	1	ug/L	EPA 8260	02/19/08		4634
4-Isopropyltoluene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Methylene Chloride	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Naphthalene	Not Detected	5	1	ug/L	EPA 8260	02/19/08		4634
n-Propylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Styrene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,1,1,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,1,2,2-Tetrachloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Tetrachloroethene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,2,3-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,2,4-Trichlorobenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,1,1-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,1,2-Trichloroethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Trichloroethene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C2024
Order: P0760
Project: PG&E Oakland GCY 13045.007
Received: 02/12/08
Printed: 03/05/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-28-GW-11-16		02/08/08@14:00	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Trichlorofluoromethane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,2,3-Trichloropropane	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,2,4-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
1,3,5-Trimethylbenzene	Not Detected	0.5	1	ug/L	EPA 8260	02/19/08		4634
Vinyl Chloride	4.1	0.5	1	ug/L	EPA 8260	02/19/08		4634

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

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Quality Control Results

Order No.: P0760
Laboratory Reagent Blank

Analyte	Method	Results	Units	Batch
TPH as Diesel, SGT	EPA 8015/LUFT	< 0.05	mg/L	4680
TPH as Motor Oil, SGT	EPA 8015/LUFT	< 0.1	mg/L	4682
TPH as Gasoline	EPA 8015/LUFT	< 0.05	mg/L	4668
Benzene	EPA 8260	< 5	ug/Kg	4695
Bromobenzene	EPA 8260	< 5	ug/Kg	4695
Bromochloromethane	EPA 8260	< 5	ug/Kg	4695
Bromodichloromethane	EPA 8260	< 5	ug/Kg	4695
Bromoform	EPA 8260	< 5	ug/Kg	4695
Bromomethane	EPA 8260	< 5	ug/Kg	4695
t-Butylbenzene	EPA 8260	< 5	ug/Kg	4695
n-Butylbenzene	EPA 8260	< 5	ug/Kg	4695
sec-Butyl Benzene	EPA 8260	< 5	ug/Kg	4695
Carbon Tetrachloride	EPA 8260	< 5	ug/Kg	4695
Chlorobenzene	EPA 8260	< 5	ug/Kg	4695
Chloroethane	EPA 8260	< 5	ug/Kg	4695
2-Chloroethylvinyl ether	EPA 8260	< 20	ug/Kg	4695
Chloroform	EPA 8260	< 5	ug/Kg	4695
Chloromethane	EPA 8260	< 5	ug/Kg	4695
2-Chlorotoluene	EPA 8260	< 5	ug/Kg	4695
4-Chlorotoluene	EPA 8260	< 5	ug/Kg	4695
1,2-Dibromo-3-Chloropropane	EPA 8260	< 5	ug/Kg	4695
Dibromochloromethane	EPA 8260	< 5	ug/Kg	4695
Dibromomethane	EPA 8260	< 5	ug/Kg	4695
1,2-Dibromoethane (EDB)	EPA 8260	< 5	ug/Kg	4695
Dichlorodifluoromethane	EPA 8260	< 5	ug/Kg	4695
1,2-Dichlorobenzene	EPA 8260	< 5	ug/Kg	4695
1,3-Dichlorobenzene	EPA 8260	< 5	ug/Kg	4695
1,4-Dichlorobenzene	EPA 8260	< 5	ug/Kg	4695
1,1-Dichloroethane	EPA 8260	< 5	ug/Kg	4695
1,2-Dichloroethane (EDC)	EPA 8260	< 5	ug/Kg	4695
1,1-Dichloroethene	EPA 8260	< 5	ug/Kg	4695
cis-1,2-Dichloroethene	EPA 8260	< 5	ug/Kg	4695
trans-1,2-Dichloethene	EPA 8260	< 5	ug/Kg	4695
1,2-Dichloropropane	EPA 8260	< 5	ug/Kg	4695
1,3-Dichloropropane	EPA 8260	< 5	ug/Kg	4695
2,2-Dichloropropane	EPA 8260	< 5	ug/Kg	4695
1,1-Dichloropropene	EPA 8260	< 5	ug/Kg	4695
cis-1,3-Dichloropropene	EPA 8260	< 5	ug/Kg	4695
trans-1,3-Dichloropropene	EPA 8260	< 5	ug/Kg	4695
Ethylbenzene	EPA 8260	< 5	ug/Kg	4695
Hexachlorobutadiene	EPA 8260	< 5	ug/Kg	4695
Isopropylbenzene	EPA 8260	< 5	ug/Kg	4695
4-Isopropyltoluene	EPA 8260	< 5	ug/Kg	4695
Methylene Chloride	EPA 8260	< 20	ug/Kg	4695
Naphthalene	EPA 8260	< 20	ug/Kg	4695

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Quality Control Results

Order No.: P0760

Laboratory Reagent Blank (continued)

Analyte	Method	Result	Units	Batch
n-Propylbenzene	EPA 8260	< 5	ug/Kg	4695
Styrene	EPA 8260	< 5	ug/Kg	4695
1,1,1,2-Tetrachloroethane	EPA 8260	< 5	ug/Kg	4695
1,1,2,2-Tetrachloroethane	EPA 8260	< 5	ug/Kg	4695
Tetrachloroethene	EPA 8260	< 5	ug/Kg	4695
Toluene	EPA 8260	< 5	ug/Kg	4695
1,2,3-Trichlorobenzene	EPA 8260	< 5	ug/Kg	4695
1,2,4-Trichlorobenzene	EPA 8260	< 5	ug/Kg	4695
1,1,1-Trichloroethane	EPA 8260	< 5	ug/Kg	4695
1,1,2-Trichloroethane	EPA 8260	< 5	ug/Kg	4695
Trichloroethene	EPA 8260	< 5	ug/Kg	4695
Trichlorofluoromethane	EPA 8260	< 5	ug/Kg	4695
1,2,3-Trichloropropane	EPA 8260	< 5	ug/Kg	4695
1,2,4-Trimethylbenzene	EPA 8260	< 5	ug/Kg	4695
1,3,5-Trimethylbenzene	EPA 8260	< 5	ug/Kg	4695
Vinyl Chloride	EPA 8260	< 5	ug/Kg	4695
m,p-Xylenes	EPA 8260	< 5	ug/Kg	4695
o-Xylene	EPA 8260	< 5	ug/Kg	4695
Benzene	EPA 8260	< 0.5	ug/L	4634
Toluene	EPA 8260	< 0.5	ug/L	4634
Ethylbenzene	EPA 8260	< 0.5	ug/L	4634
m,p-Xylene	EPA 8260	< 0.5	ug/L	4634
o-Xylene	EPA 8260	< 0.5	ug/L	4634
Chlorobenzene	EPA 8260	< 0.5	ug/L	4634
1,2-Dichlorobenzene	EPA 8260	< 0.5	ug/L	4634
1,3-Dichlorobenzene	EPA 8260	< 0.5	ug/L	4634
1,4-Dichlorobenzene	EPA 8260	< 0.5	ug/L	4634
1,2-Dichloroethane (EDC)	EPA 8260	< 0.5	ug/L	4634
1,2-Dibromoethane (EDB)	EPA 8260	< 0.5	ug/L	4634
Bromobenzene	EPA 8260	< 0.5	ug/L	4634
Bromochloromethane	EPA 8260	< 0.5	ug/L	4634
Bromodichloromethane	EPA 8260	< 0.5	ug/L	4634
Bromoform	EPA 8260	< 0.5	ug/L	4634
Bromomethane	EPA 8260	< 0.5	ug/L	4634
n-Butylbenzene	EPA 8260	< 0.5	ug/L	4634
sec-Butyl Benzene	EPA 8260	< 0.5	ug/L	4634
t-Butylbenzene	EPA 8260	< 0.5	ug/L	4634
Carbon Tetrachloride	EPA 8260	< 0.5	ug/L	4634
Chloroethane	EPA 8260	< 0.5	ug/L	4634
2-Chloroethylvinyl ether	EPA 8260	< 20	ug/L	4634
Chloroform	EPA 8260	< 0.5	ug/L	4634
Chloromethane	EPA 8260	< 0.5	ug/L	4634
2-Chlorotoluene	EPA 8260	< 0.5	ug/L	4634
4-Chlorotoluene	EPA 8260	< 0.5	ug/L	4634

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Quality Control Results

Order No.: P0760

Laboratory Reagent Blank (continued)

Analyte	Method	Result	Units	Batch
1,2-Dibromo-3-Chloropropane	EPA 8260	< 1	ug/L	4634
Dibromochloromethane	EPA 8260	< 0.5	ug/L	4634
Dibromomethane	EPA 8260	< 0.5	ug/L	4634
Dichlorodifluoromethane	EPA 8260	< 0.5	ug/L	4634
1,1-Dichloroethane	EPA 8260	< 0.5	ug/L	4634
1,1-Dichloroethene	EPA 8260	< 0.5	ug/L	4634
cis-1,2-Dichloroethene	EPA 8260	< 0.5	ug/L	4634
trans-1,2-Dichloethene	EPA 8260	< 0.5	ug/L	4634
1,2-Dichloropropane	EPA 8260	< 0.5	ug/L	4634
1,3-Dichloropropane	EPA 8260	< 0.5	ug/L	4634
2,2-Dichloropropane	EPA 8260	< 0.5	ug/L	4634
1,1-Dichloropropene	EPA 8260	< 0.5	ug/L	4634
cis-1,3-Dichloropropene	EPA 8260	< 0.5	ug/L	4634
trans-1,3-Dichloropropene	EPA 8260	< 0.5	ug/L	4634
Hexachlorobutadiene	EPA 8260	< 0.5	ug/L	4634
Isopropylbenzene	EPA 8260	< 0.5	ug/L	4634
4-Isopropyltoluene	EPA 8260	< 0.5	ug/L	4634
Methylene Chloride	EPA 8260	< 0.5	ug/L	4634
Naphthalene	EPA 8260	< 5	ug/L	4634
n-Propylbenzene	EPA 8260	< 0.5	ug/L	4634
Styrene	EPA 8260	< 0.5	ug/L	4634
1,1,1,2-Tetrachloroethane	EPA 8260	< 0.5	ug/L	4634
1,1,2,2-Tetrachloroethane	EPA 8260	< 0.5	ug/L	4634
Tetrachloroethene	EPA 8260	< 0.5	ug/L	4634
1,2,3-Trichlorobenzene	EPA 8260	< 0.5	ug/L	4634
1,2,4-Trichlorobenzene	EPA 8260	< 0.5	ug/L	4634
1,1,1-Trichloroethane	EPA 8260	< 0.5	ug/L	4634
1,1,2-Trichloroethane	EPA 8260	< 0.5	ug/L	4634
Trichloroethene	EPA 8260	< 0.5	ug/L	4634
Trichlorofluoromethane	EPA 8260	< 0.5	ug/L	4634
1,2,3-Trichloropropane	EPA 8260	< 0.5	ug/L	4634
1,2,4-Trimethylbenzene	EPA 8260	< 0.5	ug/L	4634
1,3,5-Trimethylbenzene	EPA 8260	< 0.5	ug/L	4634
Vinyl Chloride	EPA 8260	< 0.5	ug/L	4634
Vinyl Chloride	EPA 8260	< 0.5	ug/L	4706

Laboratory Known Analysis (LCS)

Analyte	Method	Recovery	Spike Amount	Units	Recovery Limits	Batch
TPH as Diesel, SGT	EPA 8015/LUFT	53%	5.0	mg/L	50 - 150	4680
TPH as Gasoline	EPA 8015/LUFT	84%	0.5	mg/L	60 - 140	4668
Benzene	EPA 8260	120%	50	ug/Kg	60 - 140	4695
Chlorobenzene	EPA 8260	110%	50	ug/Kg	60 - 140	4695

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Quality Control Results

Order No.: P0760

Laboratory Known Analysis (LCS)

Analyte	Method	Recovery	Spike Amount	Units	Recovery Limits	Batch
1,1-Dichloroethene	EPA 8260	144%	50	ug/Kg	60 - 140	4695
Toluene	EPA 8260	106%	50	ug/Kg	60 - 140	4695
Trichloroethene	EPA 8260	122%	50	ug/Kg	60 - 140	4695
Benzene	EPA 8260	112%	10	ug/L	80 - 120	4634
Benzene	EPA 8260	112%	10	ug/L	80 - 120	4634
Toluene	EPA 8260	104%	10	ug/L	80 - 120	4634
Toluene	EPA 8260	107%	10	ug/L	80 - 120	4634
Chlorobenzene	EPA 8260	100%	10	ug/L	80 - 120	4634
Chlorobenzene	EPA 8260	103%	10	ug/L	80 - 120	4634
1,1-Dichloroethene	EPA 8260	146%	10	ug/L	80 - 120	4634
1,1-Dichloroethene	EPA 8260	158%	10	ug/L	80 - 120	4634
Trichloroethene	EPA 8260	115%	10	ug/L	80 - 120	4634
Trichloroethene	EPA 8260	115%	10	ug/L	80 - 120	4634

Matrix Spike/Matrix Spike Duplicates

Analyte	Method	MS Rec.	MSD Rec.	RPD	Matrix Sample	Spike Amount	Units	Recovery Limits	RPD Limit	Batch
TPH as Gasoline	EPA 8015/LUFT	70%	68%	3	08-C2021	0.5	mg/L	60 - 140	30	4668
Benzene	EPA 8260	102%	105%	1	08-C1931	10	ug/L	70 - 130	20	4634
Toluene	EPA 8260	90%	92%	2	08-C1931	10	ug/L	70 - 130	20	4634

Sample Duplicate

Analyte	Method	Sample ID	Sample Value	Sample Duplicate	RPD	Units	RPD Limit	Batch
TPH as Diesel, SGT	EPA 8015/LUFT	kv:LCS	2.6	2.5	5	mg/L	30.	4680
Benzene	EPA 8260	08-C1933	< 0.5	< 0.5	0	ug/L	20.	4634
Toluene	EPA 8260	08-C1933	< 0.5	< 0.5	0	ug/L	20.	4634
Ethylbenzene	EPA 8260	08-C1933	< 0.5	< 0.5	0	ug/L	20.	4634
m,p-Xylene	EPA 8260	08-C1933	< 0.5	< 0.5	0	ug/L	20.	4634
o-Xylene	EPA 8260	08-C1933	< 0.5	< 0.5	0	ug/L	20.	4634
1,2-Dichloroethane (EDC)	EPA 8260	08-C1933	< 0.5	< 0.5	0	ug/L	20.	4634
1,2-Dibromoethane (EDB)	EPA 8260	08-C1933	< 0.5	< 0.5	0	ug/L	20.	4634
Vinyl Chloride	EPA 8260	08-C2022	53	56	4	ug/L	30.	4706

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Surrogate Report

Sample Number	Batch	Method	Surrogate	% Recovery	QC Limits
08-C2021	4634	EPA 8260	Dibromofluoromethane	108.	81-123
08-C2021	4634	EPA 8260	Toluene-d8	94.	78-116
08-C2021	4634	EPA 8260	4-BFB	83.	60-116
08-C2021	5771	EPA 8015M (C12-C40)	Hexacosane	84.	50-150
08-C2021	4668	EPA 8015M (Gasoline)	a,a,a-Trifluorotoluene	93.	50-150
08-C2022	4706	EPA 8260	Dibromofluoromethane	102.	81-123
08-C2022	4706	EPA 8260	Toluene-d8	90.	78-116
08-C2022	4706	EPA 8260	4-BFB	92.	60-116
08-C2022	5771	EPA 8015M (C12-C40)	Hexacosane	86.	50-150
08-C2022	4668	EPA 8015M (Gasoline)	a,a,a-Trifluorotoluene	96.	50-150
08-C2023	4695	EPA 8260	Dibromofluoromethane	123.	80-130
08-C2023	4695	EPA 8260	Toluene-d8	80.	70-126
08-C2023	4695	EPA 8260	4-BFB	79.	57-124
08-C2024	4634	EPA 8260	Dibromofluoromethane	110.	81-123
08-C2024	4634	EPA 8260	Toluene-d8	95.	78-116
08-C2024	4634	EPA 8260	4-BFB	87.	60-116
08-C2024	5771	EPA 8015M (C12-C40)	Hexacosane	82.	50-150
08-C2024	4668	EPA 8015M (Gasoline)	a,a,a-Trifluorotoluene	99.	50-150
blank	4634	EPA 8260	Dibromofluoromethane	100.	81-123
blank	4706	EPA 8260	Dibromofluoromethane	104.	81-123
LCS	4634	EPA 8260	Dibromofluoromethane	95.	81-123
LCSD	4634	EPA 8260	Dibromofluoromethane	92.	81-123
LCS	4706	EPA 8260	Dibromofluoromethane	102.	81-123
08-C1933 dup.	4634	EPA 8260	Dibromofluoromethane	107.	81-123
08-C2022 dup.	4706	EPA 8260	Dibromofluoromethane	106.	81-123
08-C1931 MS	4634	EPA 8260	Dibromofluoromethane	93.	81-123
08-C1931 MSD	4634	EPA 8260	Dibromofluoromethane	91.	81-123
blank	4634	EPA 8260	Toluene-d8	92.	78-116
blank	4706	EPA 8260	Toluene-d8	88.	78-116
LCS	4634	EPA 8260	Toluene-d8	91.	78-116
LCSD	4634	EPA 8260	Toluene-d8	89.	78-116
LCS	4706	EPA 8260	Toluene-d8	89.	78-116
08-C1933 dup.	4634	EPA 8260	Toluene-d8	93.	78-116
08-C2022 dup.	4706	EPA 8260	Toluene-d8	94.	78-116
08-C1931 MS	4634	EPA 8260	Toluene-d8	110.	78-116
08-C1931 MSD	4634	EPA 8260	Toluene-d8	109.	78-116
blank	4634	EPA 8260	4-BFB	86.	60-116
blank	4706	EPA 8260	4-BFB	85.	60-116
LCS	4634	EPA 8260	4-BFB	81.	60-116
LCSD	4634	EPA 8260	4-BFB	84.	60-116
LCS	4706	EPA 8260	4-BFB	87.	60-116
08-C1933 dup.	4634	EPA 8260	4-BFB	85.	60-116
08-C2022 dup.	4706	EPA 8260	4-BFB	98.	60-116
08-C1931 MS	4634	EPA 8260	4-BFB	88.	60-116
08-C1931 MSD	4634	EPA 8260	4-BFB	94.	60-116
blank	4695	EPA 8260	Dibromofluoromethane	112.	80-130

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Surrogate Report

Sample Number	Batch	Method	Surrogate	% Recovery	QC Limits
LCS	4695	EPA 8260	Dibromofluoromethane	100.	80-130
08-C2086 dup.	4695	EPA 8260	Dibromofluoromethane	89.	80-130
blank	4695	EPA 8260	Toluene-d8	79.	70-126
LCS	4695	EPA 8260	Toluene-d8	81.	70-126
08-C2086 dup.	4695	EPA 8260	Toluene-d8	122.	70-126
blank	4695	EPA 8260	4-BFB	72.	57-124
LCS	4695	EPA 8260	4-BFB	76.	57-124
08-C2086 dup.	4695	EPA 8260	4-BFB	60.	57-124
blank	5771	EPA 8015M (C12-C40)	Hexacosane	95.	50-150
blank	4668	EPA 8015M (Gasoline)	a,a,a-Trifluorotoluene	98.	50-150
LCS	4668	EPA 8015M (Gasoline)	a,a,a-Trifluorotoluene	102.	50-150
08-C2021 MS	4668	EPA 8015M (Gasoline)	a,a,a-Trifluorotoluene	97.	50-150
08-C2021 MSD	4668	EPA 8015M (Gasoline)	a,a,a-Trifluorotoluene	98.	50-150

CHAIN-OF-CUSTODY RECORD

OAK 10643

PROJECT NAME: PG&E Oakland General Construction Yard

PROJECT NUMBER: 13045.007

RESULTS TO: Jonathon Kaggs

TURNAROUND TIME: Standard

SAMPLE SHIPMENT METHOD: Cal Overnight

LABORATORY NAME: Creek

LABORATORY ADDRESS: 141 Suburban Rd Suite C-5

San Luis Obispo, CA 94301

LABORATORY CONTACT: Judy

LABORATORY PHONE NUMBER: 805-595-9838

CLIENT INFORMATION:

DATE: 2/6/08 PAGE OF

REPORTING REQUIREMENTS: P0760

GEOTRACKER REQUIRED YES NO

SITE SPECIFIC GLOBAL ID NO.

SAMPLERS (SIGNATURE):

ANALYSES

DATE	TIME	SAMPLE NUMBER	VOCs 5035	VOCs 8260	TPHg 5015	TPHd,mo w/ Silica gel cleanup	CONTAINER TYPE AND SIZE	Soil (S), Water (W), Vapor (V), or Other (O)	Filtered	Preservative Type	Cooled	MS/MSD	No. of Containers	ADDITIONAL COMMENTS
~~2/8/08~~	~~8:55~~	~~SB-30-GW-30-35-MW~~												
2/8/08	8:55	SB-30-GW-16-17		X	X	X	X	6 40ml VOA, 1 1L amber	W	N	HCl*	X	N	7 2021, A-G
2/8/08	9:45	SB-30-GW-30-35		X	X	X	X	↓	W	N	HCl*	Y	N	7 2022, A-G
2/7/08	12:55	SB-30-10.5	X					3 40ml VOA	S	N	see below	Y	N	3 2023, A-C
2/8/08	14:00	SB-28-GW-11-16		X	X	X	X	6 40ml VOA, 1 1L amber	W	N	HCl*	X	N	7 2024 A-G
2/7/08	0940	SB-30-4	X					3 40ml VOA	S	N	see below	X	N	3 total 2025 A-C

3° In fact No Seal

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
SIGNATURE: Matt Webb	~~8/12/08~~ 8/12/08	1600	SIGNATURE: L McTucker	2/12/08	0908
PRINTED NAME: Matt Webb			PRINTED NAME: L McTucker		
COMPANY:			COMPANY: Creek Labs		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		

TOTAL NUMBER OF CONTAINERS:

SAMPLING COMMENTS:

*HCl preservative in VOCs (8260) and TPHg only

Soil VOCs (5035) preservative - 2 Sodium Bisulfate 1 Methanol

2101 Webster Street, 12th Floor
Oakland, California 94612-3066
Tel 510.663.4100 Fax 510.663.4141

Geomatrix

CREEK ENVIRONMENTAL LABORATORIES, INC.
A Minority-owned Business Enterprise
141 SUBURBAN ROAD, SUITE C-5 • SAN LUIS OBISPO, CA 93401 • (805) 545-9838 • FAX (805) 545-0107

Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C3547
Order: P1346
Project: PG&E Oakland General Const. Yard
Received: 03/14/08
Printed: 03/25/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-25-2.5	Matt Webb	03/12/08@10:05	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Benzene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Bromobenzene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Bromochloromethane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Bromodichloromethane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Bromoform	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Bromomethane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
t-Butylbenzene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
n-Butylbenzene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
sec-Butyl Benzene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Carbon Tetrachloride	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Chlorobenzene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Chloroethane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
2-Chloroethylvinyl ether	Not Detected	100	1	ug/Kg	EPA 8260	03/20/08		5529
Chloroform	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Chloromethane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
2-Chlorotoluene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
4-Chlorotoluene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,2-Dibromo-3-Chloropropane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Dibromochloromethane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Dibromomethane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,2-Dibromoethane (EDB)	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Dichlorodifluoromethane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,2-Dichlorobenzene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,3-Dichlorobenzene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,4-Dichlorobenzene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,1-Dichloroethane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,2-Dichloroethane (EDC)	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,1-Dichloroethene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
cis-1,2-Dichloroethene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C3547
Order: P1346
Project: PG&E Oakland General Const. Yard
Received: 03/14/08
Printed: 03/25/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-25-2.5	Matt Webb	03/12/08@10:05	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
trans-1,2-Dichloethene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,2-Dichloropropane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,3-Dichloropropane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
2,2-Dichloropropane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,1-Dichloropropene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
cis-1,3-Dichloropropene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
trans-1,3-Dichloropropene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Ethylbenzene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Hexachlorobutadiene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Isopropylbenzene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
4-Isopropyltoluene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Methylene Chloride	Not Detected	30	1	ug/Kg	EPA 8260	03/20/08		5529
Methyl t-Butyl Ether (MTBE)	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Naphthalene	Not Detected	30	1	ug/Kg	EPA 8260	03/20/08		5529
n-Propylbenzene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Styrene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,1,1,2-Tetrachloroethane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,1,2,2-Tetrachloroethane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Tetrachloroethene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Toluene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,2,3-Trichlorobenzene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,2,4-Trichlorobenzene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,1,1-Trichloroethane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,1,2-Trichloroethane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Trichloroethene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Trichlorofluoromethane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,2,3-Trichloropropane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,2,4-Trimethylbenzene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,3,5-Trimethylbenzene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C3547
Order: P1346
Project: PG&E Oakland General Const. Yard
Received: 03/14/08
Printed: 03/25/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-25-2.5	Matt Webb	03/12/08@10:05	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Vinyl Chloride	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
m,p-Xylene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
o-Xylene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

CREEK ENVIRONMENTAL LABORATORIES, INC.
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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C3548
Order: P1346
Project: PG&E Oakland General Const. Yard
Received: 03/14/08
Printed: 03/25/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-25-4.5	Matt Webb	03/12/08@10:30	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Benzene	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
Bromobenzene	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
Bromochloromethane	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
Bromodichloromethane	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
Bromoform	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
Bromomethane	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
t-Butylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
n-Butylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
sec-Butyl Benzene	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
Carbon Tetrachloride	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
Chlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
Chloroethane	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
2-Chloroethylvinyl ether	Not Detected	100	1	ug/Kg	EPA 8260	03/20/08		5529
Chloroform	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
Chloromethane	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
2-Chlorotoluene	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
4-Chlorotoluene	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
1,2-Dibromo-3-Chloropropane	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
Dibromochloromethane	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
Dibromomethane	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
1,2-Dibromoethane (EDB)	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
Dichlorodifluoromethane	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
1,2-Dichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
1,3-Dichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
1,4-Dichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
1,1-Dichloroethane	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
1,2-Dichloroethane (EDC)	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
1,1-Dichloroethene	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
cis-1,2-Dichloroethene	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C3548
Order: P1346
Project: PG&E Oakland General Const. Yard
Received: 03/14/08
Printed: 03/25/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-25-4.5	Matt Webb	03/12/08@10:30	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
trans-1,2-Dichloethene	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
1,2-Dichloropropane	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
1,3-Dichloropropane	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
2,2-Dichloropropane	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
1,1-Dichloropropene	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
cis-1,3-Dichloropropene	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
trans-1,3-Dichloropropene	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
Ethylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
Hexachlorobutadiene	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
Isopropylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
4-Isopropyltoluene	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
Methylene Chloride	Not Detected	20	1	ug/Kg	EPA 8260	03/20/08		5529
Methyl t-Butyl Ether (MTBE)	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
Naphthalene	Not Detected	20	1	ug/Kg	EPA 8260	03/20/08		5529
n-Propylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
Styrene	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
1,1,1,2-Tetrachloroethane	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
1,1,2,2-Tetrachloroethane	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
Tetrachloroethene	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
Toluene	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
1,2,3-Trichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
1,2,4-Trichlorobenzene	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
1,1,1-Trichloroethane	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
1,1,2-Trichloroethane	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
Trichloroethene	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
Trichlorofluoromethane	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
1,2,3-Trichloropropane	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
1,2,4-Trimethylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
1,3,5-Trimethylbenzene	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C3548
Order: P1346
Project: PG&E Oakland General Const. Yard
Received: 03/14/08
Printed: 03/25/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-25-4.5	Matt Webb	03/12/08@10:30	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Vinyl Chloride	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
m,p-Xylene	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529
o-Xylene	Not Detected	5	1	ug/Kg	EPA 8260	03/20/08		5529

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

CREEK ENVIRONMENTAL LABORATORIES, INC.
A Minority-owned Business Enterprise
141 SUBURBAN ROAD, SUITE C-5 • SAN LUIS OBISPO, CA 93401 • (805) 545-9838 • FAX (805) 545-0107

Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C3549
Order: P1346
Project: PG&E Oakland General Const. Yard
Received: 03/14/08
Printed: 03/25/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-29-2.0	Matt Webb	03/12/08@10:45	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Benzene	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
Bromobenzene	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
Bromochloromethane	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
Bromodichloromethane	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
Bromoform	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
Bromomethane	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
t-Butylbenzene	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
n-Butylbenzene	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
sec-Butyl Benzene	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
Carbon Tetrachloride	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
Chlorobenzene	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
Chloroethane	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
2-Chloroethylvinyl ether	Not Detected	5000	50	ug/Kg	EPA 8260	03/25/08		5633
Chloroform	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
Chloromethane	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
2-Chlorotoluene	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
4-Chlorotoluene	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
1,2-Dibromo-3-Chloropropane	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
Dibromochloromethane	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
Dibromomethane	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
1,2-Dibromoethane (EDB)	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
Dichlorodifluoromethane	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
1,2-Dichlorobenzene	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
1,3-Dichlorobenzene	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
1,4-Dichlorobenzene	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
1,1-Dichloroethane	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
1,2-Dichloroethane (EDC)	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
1,1-Dichloroethene	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
cis-1,2-Dichloroethene	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C3549
Order: P1346
Project: PG&E Oakland General Const. Yard
Received: 03/14/08
Printed: 03/25/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-29-2.0	Matt Webb	03/12/08@10:45	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
trans-1,2-Dichloethene	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
1,2-Dichloropropane	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
1,3-Dichloropropane	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
2,2-Dichloropropane	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
1,1-Dichloropropene	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
cis-1,3-Dichloropropene	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
trans-1,3-Dichloropropene	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
Ethylbenzene	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
Hexachlorobutadiene	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
Isopropylbenzene	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
4-Isopropyltoluene	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
Methylene Chloride	Not Detected	1000	50	ug/Kg	EPA 8260	03/25/08		5633
Methyl t-Butyl Ether (MTBE)	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
Naphthalene	Not Detected	1000	50	ug/Kg	EPA 8260	03/25/08		5633
n-Propylbenzene	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
Styrene	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
1,1,1,2-Tetrachloroethane	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
1,1,2,2-Tetrachloroethane	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
Tetrachloroethene	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
Toluene	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
1,2,3-Trichlorobenzene	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
1,2,4-Trichlorobenzene	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
1,1,1-Trichloroethane	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
1,1,2-Trichloroethane	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
Trichloroethene	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
Trichlorofluoromethane	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
1,2,3-Trichloropropane	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
1,2,4-Trimethylbenzene	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
1,3,5-Trimethylbenzene	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C3549
Order: P1346
Project: PG&E Oakland General Const. Yard
Received: 03/14/08
Printed: 03/25/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-29-2.0	Matt Webb	03/12/08@10:45	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Vinyl Chloride	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
m,p-Xylene	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633
o-Xylene	Not Detected	300	50	ug/Kg	EPA 8260	03/25/08		5633

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C3550
Order: P1346
Project: PG&E Oakland General Const. Yard
Received: 03/14/08
Printed: 03/25/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-29-2.0	Matt Webb	03/12/08@10:45	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Mercury	0.18	0.04	1	mg/Kg	EPA 7471	03/21/08	03/21/08	5572
Antimony	0.7	0.4	1	mg/Kg	EPA 6020	03/18/08	03/17/08	5434
Arsenic	5.1	0.4	1	mg/Kg	EPA 6020	03/18/08	03/17/08	5434
Barium	440	0.4	1	mg/Kg	EPA 6020	03/18/08	03/17/08	5434
Beryllium	Not Detected	0.4	1	mg/Kg	EPA 6020	03/18/08	03/17/08	5434
Cadmium	0.5	0.4	1	mg/Kg	EPA 6020	03/18/08	03/17/08	5434
Chromium	40	0.4	1	mg/Kg	EPA 6020	03/18/08	03/17/08	5434
Cobalt	9.7	0.4	1	mg/Kg	EPA 6020	03/18/08	03/17/08	5434
Copper	28	0.4	1	mg/Kg	EPA 6020	03/18/08	03/17/08	5434
Lead	83	0.4	1	mg/Kg	EPA 6020	03/18/08	03/17/08	5434
Molybdenum	0.9	0.4	1	mg/Kg	EPA 6020	03/18/08	03/17/08	5434
Nickel	53	0.4	1	mg/Kg	EPA 6020	03/18/08	03/17/08	5434
Selenium	Not Detected	0.5	1	mg/Kg	EPA 6020	03/18/08	03/17/08	5434
Silver	Not Detected	0.4	1	mg/Kg	EPA 6020	03/18/08	03/17/08	5434
Thallium	Not Detected	0.4	1	mg/Kg	EPA 6020	03/18/08	03/17/08	5434
Vanadium	48	0.4	1	mg/Kg	EPA 6020	03/18/08	03/17/08	5434
Zinc	92	4	1	mg/Kg	EPA 6020	03/18/08	03/17/08	5434
Aroclor 1016	Not Detected	0.06	2	mg/kg	EPA 8082	03/20/08	03/20/08	5544
Aroclor 1221	Not Detected	0.06	2	mg/kg	EPA 8082	03/20/08	03/20/08	5544
Aroclor 1232	Not Detected	0.06	2	mg/kg	EPA 8082	03/20/08	03/20/08	5544
Aroclor 1242	Not Detected	0.06	2	mg/kg	EPA 8082	03/20/08	03/20/08	5544
Aroclor 1248	Not Detected	0.06	2	mg/kg	EPA 8082	03/20/08	03/20/08	5544
Aroclor 1254	Not Detected	0.06	2	mg/kg	EPA 8082	03/20/08	03/20/08	5544
Aroclor 1260	Not Detected	0.06	2	mg/kg	EPA 8082	03/20/08	03/20/08	5544

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C3550
Order: P1346
Project: PG&E Oakland General Const. Yard
Received: 03/14/08
Printed: 03/25/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-29-2.0	Matt Webb	03/12/08@10:45	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

CREEK ENVIRONMENTAL LABORATORIES, INC.
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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C3551
Order: P1346
Project: PG&E Oakland General Const. Yard
Received: 03/14/08
Printed: 03/25/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-29-4.5	Matt Webb	03/12/08@09:35	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Benzene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Bromobenzene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Bromochloromethane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Bromodichloromethane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Bromoform	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Bromomethane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
t-Butylbenzene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
n-Butylbenzene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
sec-Butyl Benzene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Carbon Tetrachloride	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Chlorobenzene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Chloroethane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
2-Chloroethylvinyl ether	Not Detected	100	1	ug/Kg	EPA 8260	03/20/08		5529
Chloroform	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Chloromethane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
2-Chlorotoluene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
4-Chlorotoluene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,2-Dibromo-3-Chloropropane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Dibromochloromethane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Dibromomethane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,2-Dibromoethane (EDB)	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Dichlorodifluoromethane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,2-Dichlorobenzene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,3-Dichlorobenzene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,4-Dichlorobenzene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,1-Dichloroethane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,2-Dichloroethane (EDC)	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,1-Dichloroethene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
cis-1,2-Dichloroethene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529

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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C3551
Order: P1346
Project: PG&E Oakland General Const. Yard
Received: 03/14/08
Printed: 03/25/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-29-4.5	Matt Webb	03/12/08@09:35	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
trans-1,2-Dichloethene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,2-Dichloropropane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,3-Dichloropropane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
2,2-Dichloropropane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,1-Dichloropropene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
cis-1,3-Dichloropropene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
trans-1,3-Dichloropropene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Ethylbenzene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Hexachlorobutadiene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Isopropylbenzene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
4-Isopropyltoluene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Methylene Chloride	Not Detected	20	1	ug/Kg	EPA 8260	03/20/08		5529
Methyl t-Butyl Ether (MTBE)	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Naphthalene	Not Detected	20	1	ug/Kg	EPA 8260	03/20/08		5529
n-Propylbenzene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Styrene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,1,1,2-Tetrachloroethane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,1,2,2-Tetrachloroethane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Tetrachloroethene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Toluene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,2,3-Trichlorobenzene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,2,4-Trichlorobenzene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,1,1-Trichloroethane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,1,2-Trichloroethane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Trichloroethene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
Trichlorofluoromethane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,2,3-Trichloropropane	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,2,4-Trimethylbenzene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
1,3,5-Trimethylbenzene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529

CREEK ENVIRONMENTAL LABORATORIES, INC.
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Jonathan Skaggs
Geomatrix
2101 Webster St.
Oakland, CA 94612

Log Number: 08-C3551
Order: P1346
Project: PG&E Oakland General Const. Yard
Received: 03/14/08
Printed: 03/25/08

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
SB-29-4.5	Matt Webb	03/12/08@09:35	Solid

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Vinyl Chloride	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
m,p-Xylene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529
o-Xylene	Not Detected	6	1	ug/Kg	EPA 8260	03/20/08		5529

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

CREEK ENVIRONMENTAL LABORATORIES, INC.
A Minority-owned Business Enterprise
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Quality Control Results

Order No.: P1346
Laboratory Reagent Blank

Analyte	Method	Results	Units	Batch
Mercury	EPA 7471	< 0.04	mg/Kg	5572
Benzene	EPA 8260	< 5	ug/Kg	5529
Benzene	EPA 8260	< 5	ug/Kg	5633
Bromobenzene	EPA 8260	< 5	ug/Kg	5529
Bromobenzene	EPA 8260	< 5	ug/Kg	5633
Bromochloromethane	EPA 8260	< 5	ug/Kg	5529
Bromochloromethane	EPA 8260	< 5	ug/Kg	5633
Bromodichloromethane	EPA 8260	< 5	ug/Kg	5529
Bromodichloromethane	EPA 8260	< 5	ug/Kg	5633
Bromoform	EPA 8260	< 5	ug/Kg	5529
Bromoform	EPA 8260	< 5	ug/Kg	5633
Bromomethane	EPA 8260	< 5	ug/Kg	5529
Bromomethane	EPA 8260	< 5	ug/Kg	5633
t-Butylbenzene	EPA 8260	< 5	ug/Kg	5529
t-Butylbenzene	EPA 8260	< 5	ug/Kg	5633
n-Butylbenzene	EPA 8260	< 5	ug/Kg	5529
n-Butylbenzene	EPA 8260	< 5	ug/Kg	5633
sec-Butyl Benzene	EPA 8260	< 5	ug/Kg	5529
sec-Butyl Benzene	EPA 8260	< 5	ug/Kg	5633
Carbon Tetrachloride	EPA 8260	< 5	ug/Kg	5529
Carbon Tetrachloride	EPA 8260	< 5	ug/Kg	5633
Chlorobenzene	EPA 8260	< 5	ug/Kg	5529
Chlorobenzene	EPA 8260	< 5	ug/Kg	5633
Chloroethane	EPA 8260	< 5	ug/Kg	5529
Chloroethane	EPA 8260	< 5	ug/Kg	5633
2-Chloroethylvinyl ether	EPA 8260	< 100	ug/Kg	5529
2-Chloroethylvinyl ether	EPA 8260	< 100	ug/Kg	5633
Chloroform	EPA 8260	< 5	ug/Kg	5529
Chloroform	EPA 8260	< 5	ug/Kg	5633
Chloromethane	EPA 8260	< 5	ug/Kg	5529
Chloromethane	EPA 8260	< 5	ug/Kg	5633
2-Chlorotoluene	EPA 8260	< 5	ug/Kg	5529
2-Chlorotoluene	EPA 8260	< 5	ug/Kg	5633
4-Chlorotoluene	EPA 8260	< 5	ug/Kg	5529
4-Chlorotoluene	EPA 8260	< 5	ug/Kg	5633
1,2-Dibromo-3-Chloropropane	EPA 8260	< 5	ug/Kg	5529
1,2-Dibromo-3-Chloropropane	EPA 8260	< 5	ug/Kg	5633
Dibromochloromethane	EPA 8260	< 5	ug/Kg	5529
Dibromochloromethane	EPA 8260	< 5	ug/Kg	5633
Dibromomethane	EPA 8260	< 5	ug/Kg	5529
Dibromomethane	EPA 8260	< 5	ug/Kg	5633
1,2-Dibromoethane (EDB)	EPA 8260	< 5	ug/Kg	5529
1,2-Dibromoethane (EDB)	EPA 8260	< 5	ug/Kg	5633
Dichlorodifluoromethane	EPA 8260	< 5	ug/Kg	5529
Dichlorodifluoromethane	EPA 8260	< 5	ug/Kg	5633

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Order No.: P1346

Laboratory Reagent Blank (continued)

Analyte	Method	Result	Units	Batch
1,2-Dichlorobenzene	EPA 8260	< 5	ug/Kg	5529
1,2-Dichlorobenzene	EPA 8260	< 5	ug/Kg	5633
1,3-Dichlorobenzene	EPA 8260	< 5	ug/Kg	5529
1,3-Dichlorobenzene	EPA 8260	< 5	ug/Kg	5633
1,4-Dichlorobenzene	EPA 8260	< 5	ug/Kg	5529
1,4-Dichlorobenzene	EPA 8260	< 5	ug/Kg	5633
1,1-Dichloroethane	EPA 8260	< 5	ug/Kg	5529
1,1-Dichloroethane	EPA 8260	< 5	ug/Kg	5633
1,2-Dichloroethane (EDC)	EPA 8260	< 5	ug/Kg	5529
1,2-Dichloroethane (EDC)	EPA 8260	< 5	ug/Kg	5633
1,1-Dichloroethene	EPA 8260	< 5	ug/Kg	5529
1,1-Dichloroethene	EPA 8260	< 5	ug/Kg	5633
cis-1,2-Dichloroethene	EPA 8260	< 5	ug/Kg	5529
cis-1,2-Dichloroethene	EPA 8260	< 5	ug/Kg	5633
trans-1,2-Dichloethene	EPA 8260	< 5	ug/Kg	5529
trans-1,2-Dichloethene	EPA 8260	< 5	ug/Kg	5633
1,2-Dichloropropane	EPA 8260	< 5	ug/Kg	5529
1,2-Dichloropropane	EPA 8260	< 5	ug/Kg	5633
1,3-Dichloropropane	EPA 8260	< 5	ug/Kg	5529
1,3-Dichloropropane	EPA 8260	< 5	ug/Kg	5633
2,2-Dichloropropane	EPA 8260	< 5	ug/Kg	5529
2,2-Dichloropropane	EPA 8260	< 5	ug/Kg	5633
1,1-Dichloropropene	EPA 8260	< 5	ug/Kg	5529
1,1-Dichloropropene	EPA 8260	< 5	ug/Kg	5633
cis-1,3-Dichloropropene	EPA 8260	< 5	ug/Kg	5529
cis-1,3-Dichloropropene	EPA 8260	< 5	ug/Kg	5633
trans-1,3-Dichloropropene	EPA 8260	< 5	ug/Kg	5529
trans-1,3-Dichloropropene	EPA 8260	< 5	ug/Kg	5633
Ethylbenzene	EPA 8260	< 5	ug/Kg	5529
Ethylbenzene	EPA 8260	< 5	ug/Kg	5633
Hexachlorobutadiene	EPA 8260	< 5	ug/Kg	5529
Hexachlorobutadiene	EPA 8260	< 5	ug/Kg	5633
Isopropylbenzene	EPA 8260	< 5	ug/Kg	5529
Isopropylbenzene	EPA 8260	< 5	ug/Kg	5633
4-Isopropyltoluene	EPA 8260	< 5	ug/Kg	5529
4-Isopropyltoluene	EPA 8260	< 5	ug/Kg	5633
Methylene Chloride	EPA 8260	< 20	ug/Kg	5529
Methylene Chloride	EPA 8260	< 20	ug/Kg	5633
Methyl t-Butyl Ether (MTBE)	EPA 8260	< 5	ug/Kg	5529
Methyl t-Butyl Ether (MTBE)	EPA 8260	< 5	ug/Kg	5633
Naphthalene	EPA 8260	< 20	ug/Kg	5529
Naphthalene	EPA 8260	< 20	ug/Kg	5633
n-Propylbenzene	EPA 8260	< 5	ug/Kg	5529
n-Propylbenzene	EPA 8260	< 5	ug/Kg	5633

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Order No.: P1346

Laboratory Reagent Blank (continued)

Analyte	Method	Result	Units	Batch
Styrene	EPA 8260	< 5	ug/Kg	5529
Styrene	EPA 8260	< 5	ug/Kg	5633
1,1,1,2-Tetrachloroethane	EPA 8260	< 5	ug/Kg	5529
1,1,1,2-Tetrachloroethane	EPA 8260	< 5	ug/Kg	5633
1,1,2,2-Tetrachloroethane	EPA 8260	< 5	ug/Kg	5529
1,1,2,2-Tetrachloroethane	EPA 8260	< 5	ug/Kg	5633
Tetrachloroethene	EPA 8260	< 5	ug/Kg	5529
Tetrachloroethene	EPA 8260	< 5	ug/Kg	5633
Toluene	EPA 8260	< 5	ug/Kg	5529
Toluene	EPA 8260	< 5	ug/Kg	5633
1,2,3-Trichlorobenzene	EPA 8260	< 5	ug/Kg	5529
1,2,3-Trichlorobenzene	EPA 8260	< 5	ug/Kg	5633
1,2,4-Trichlorobenzene	EPA 8260	< 5	ug/Kg	5529
1,2,4-Trichlorobenzene	EPA 8260	< 5	ug/Kg	5633
1,1,1-Trichloroethane	EPA 8260	< 5	ug/Kg	5529
1,1,1-Trichloroethane	EPA 8260	< 5	ug/Kg	5633
1,1,2-Trichloroethane	EPA 8260	< 5	ug/Kg	5529
1,1,2-Trichloroethane	EPA 8260	< 5	ug/Kg	5633
Trichloroethene	EPA 8260	< 5	ug/Kg	5529
Trichloroethene	EPA 8260	< 5	ug/Kg	5633
Trichlorofluoromethane	EPA 8260	< 5	ug/Kg	5529
Trichlorofluoromethane	EPA 8260	< 5	ug/Kg	5633
1,2,3-Trichloropropane	EPA 8260	< 5	ug/Kg	5529
1,2,3-Trichloropropane	EPA 8260	< 5	ug/Kg	5633
1,2,4-Trimethylbenzene	EPA 8260	< 5	ug/Kg	5529
1,2,4-Trimethylbenzene	EPA 8260	< 5	ug/Kg	5633
1,3,5-Trimethylbenzene	EPA 8260	< 5	ug/Kg	5529
1,3,5-Trimethylbenzene	EPA 8260	< 5	ug/Kg	5633
Vinyl Chloride	EPA 8260	< 5	ug/Kg	5529
Vinyl Chloride	EPA 8260	< 5	ug/Kg	5633
m,p-Xylene	EPA 8260	< 5	ug/Kg	5529
m,p-Xylene	EPA 8260	< 5	ug/Kg	5633
o-Xylene	EPA 8260	< 5	ug/Kg	5529
o-Xylene	EPA 8260	< 5	ug/Kg	5633
Antimony	EPA 6020	< 0.4	mg/Kg	5434
Arsenic	EPA 6020	< 0.4	mg/Kg	5434
Barium	EPA 6020	< 0.4	mg/Kg	5434
Beryllium	EPA 6020	< 0.4	mg/Kg	5434
Cadmium	EPA 6020	< 0.4	mg/Kg	5434
Chromium	EPA 6020	< 0.4	mg/Kg	5434
Cobalt	EPA 6020	< 0.4	mg/Kg	5434
Copper	EPA 6020	< 0.4	mg/Kg	5434
Lead	EPA 6020	< 0.4	mg/Kg	5434
Molybdenum	EPA 6020	< 0.4	mg/Kg	5434

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Order No.: P1346

Laboratory Reagent Blank (continued)

Analyte	Method	Result	Units	Batch
Nickel	EPA 6020	< 0.4	mg/Kg	5434
Selenium	EPA 6020	< 0.5	mg/Kg	5434
Silver	EPA 6020	< 0.4	mg/Kg	5434
Thallium	EPA 6020	< 0.4	mg/Kg	5434
Vanadium	EPA 6020	< 0.4	mg/Kg	5434
Zinc	EPA 6020	< 4	mg/Kg	5434
Aroclor 1016	EPA 8082	< 0.03	mg/kg	5544
Aroclor 1221	EPA 8082	< 0.03	mg/kg	5544
Aroclor 1232	EPA 8082	< 0.03	mg/kg	5544
Aroclor 1242	EPA 8082	< 0.03	mg/kg	5544
Aroclor 1248	EPA 8082	< 0.03	mg/kg	5544
Aroclor 1254	EPA 8082	< 0.03	mg/kg	5544
Aroclor 1260	EPA 8082	< 0.03	mg/kg	5544

Laboratory Known Analysis (LCS)

Analyte	Method	Recovery	Spike Amount	Units	Recovery Limits	Batch
Mercury	EPA 7471	94%	8.3	mg/Kg	56 - 148	5572
Benzene	EPA 8260	122%	50	ug/Kg	60 - 140	5529
Benzene	EPA 8260	100%	50	ug/Kg	60 - 140	5633
Chlorobenzene	EPA 8260	118%	50	ug/Kg	60 - 140	5529
Chlorobenzene	EPA 8260	102%	50	ug/Kg	60 - 140	5633
1,1-Dichloroethene	EPA 8260	116%	50	ug/Kg	60 - 140	5529
1,1-Dichloroethene	EPA 8260	96%	50	ug/Kg	60 - 140	5633
Toluene	EPA 8260	116%	50	ug/Kg	60 - 140	5529
Toluene	EPA 8260	100%	50	ug/Kg	60 - 140	5633
Trichloroethene	EPA 8260	116%	50	ug/Kg	60 - 140	5529
Trichloroethene	EPA 8260	98%	50	ug/Kg	60 - 140	5633
Antimony	EPA 6020	98%	90	mg/Kg	10 - 120	5434
Arsenic	EPA 6020	86%	130	mg/Kg	60 - 140	5434
Barium	EPA 6020	98%	320	mg/Kg	60 - 140	5434
Beryllium	EPA 6020	101%	90	mg/Kg	60 - 140	5434
Cadmium	EPA 6020	107%	66	mg/Kg	60 - 140	5434
Chromium	EPA 6020	99%	73	mg/Kg	60 - 140	5434
Cobalt	EPA 6020	97%	73	mg/Kg	60 - 140	5434
Copper	EPA 6020	92%	68	mg/Kg	60 - 140	5434
Lead	EPA 6020	104%	130	mg/Kg	60 - 140	5434
Molybdenum	EPA 6020	99%	49	mg/Kg	60 - 140	5434
Nickel	EPA 6020	94%	56	mg/Kg	60 - 140	5434
Selenium	EPA 6020	108%	160	mg/Kg	60 - 140	5434
Silver	EPA 6020	104%	100	mg/Kg	60 - 140	5434
Thallium	EPA 6020	97%	130	mg/Kg	60 - 140	5434
Vanadium	EPA 6020	98%	83	mg/Kg	60 - 140	5434

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Quality Control Results

Order No.: P1346

Laboratory Known Analysis (LCS)

Analyte	Method	Recovery	Spike Amount	Units	Recovery Limits	Batch
Zinc	EPA 6020	109%	180	mg/Kg	60 - 140	5434
Aroclor 1016	EPA 8082	80%	0.1	mg/kg	60 - 130	5544
Aroclor 1260	EPA 8082	80%	0.1	mg/kg	60 - 130	5544

Matrix Spike/Matrix Spike Duplicates

Analyte	Method	MS Rec.	MSD Rec.	RPD	Matrix Sample	Spike Amount	Units	Recovery Limits	RPD Limit	Batch
Mercury	EPA 7471	99%	100%	1	08-C3814	0.8	mg/Kg	60 - 140	30	5572
Antimony	EPA 6020	101%	103%	2	08-C3394	50	mg/Kg	10 - 120	30	5434
Arsenic	EPA 6020	95%	100%	6	08-C3394	50	mg/Kg	60 - 140	30	5434
Barium	EPA 6020	89%	91%	3	08-C3394	50	mg/Kg	60 - 140	30	5434
Beryllium	EPA 6020	87%	88%	2	08-C3394	50	mg/Kg	60 - 140	30	5434
Cadmium	EPA 6020	98%	102%	5	08-C3394	50	mg/Kg	60 - 140	30	5434
Chromium	EPA 6020	95%	97%	2	08-C3394	50	mg/Kg	60 - 140	30	5434
Cobalt	EPA 6020	92%	95%	3	08-C3394	50	mg/Kg	60 - 140	30	5434
Copper	EPA 6020	96%	98%	2	08-C3394	50	mg/Kg	60 - 140	30	5434
Lead	EPA 6020	104%	108%	3	08-C3394	50	mg/Kg	60 - 140	30	5434
Molybdenum	EPA 6020	91%	94%	2	08-C3394	50	mg/Kg	60 - 140	30	5434
Nickel	EPA 6020	92%	95%	3	08-C3394	50	mg/Kg	60 - 140	30	5434
Selenium	EPA 6020	103%	108%	4	08-C3394	200	mg/Kg	60 - 140	30	5434
Silver	EPA 6020	94%	97%	3	08-C3394	50	mg/Kg	50 - 130	30	5434
Thallium	EPA 6020	102%	106%	4	08-C3394	50	mg/Kg	60 - 140	30	5434
Vanadium	EPA 6020	94%	100%	1	08-C3394	50	mg/Kg	60 - 140	30	5434
Zinc	EPA 6020	102%	110%	7	08-C3394	50	mg/Kg	60 - 140	30	5434

Sample Duplicate

Analyte	Method	Sample ID	Sample Value	Sample Duplicate	RPD	Units	RPD Limit	Batch
Benzene	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
Bromobenzene	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
Bromochloromethane	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
Bromodichloromethane	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
Bromoform	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
Bromomethane	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	50.	5529
t-Butylbenzene	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
n-Butylbenzene	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
sec-Butyl Benzene	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
Carbon Tetrachloride	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
Chlorobenzene	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
Chloroethane	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	50.	5529
2-Chloroethylvinyl ether	EPA 8260	08-C3547	< 130	< 110	14	ug/Kg	50.	5529
Chloroform	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529

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Quality Control Results

Order No.: P1346

Sample Duplicate

Analyte	Method	Sample ID	Sample Value	Sample Duplicate	RPD	Units	RPD Limit	Batch
Chloromethane	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	50.	5529
2-Chlorotoluene	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
4-Chlorotoluene	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
1,2-Dibromo-3-Chloropropane	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	40.	5529
Dibromochloromethane	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
Dibromomethane	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
1,2-Dibromoethane (EDB)	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
Dichlorodifluoromethane	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	50.	5529
1,2-Dichlorobenzene	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
1,3-Dichlorobenzene	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
1,4-Dichlorobenzene	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
1,1-Dichloroethane	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
1,2-Dichloroethane (EDC)	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
1,1-Dichloroethene	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
cis-1,2-Dichloroethene	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
trans-1,2-Dichloethene	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
1,2-Dichloropropane	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
1,3-Dichloropropane	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
2,2-Dichloropropane	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
1,1-Dichloropropene	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
cis-1,3-Dichloropropene	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
trans-1,3-Dichloropropene	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
Ethylbenzene	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
Hexachlorobutadiene	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	40.	5529
Isopropylbenzene	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
4-Isopropyltoluene	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
Methylene Chloride	EPA 8260	08-C3547	< 26	< 22	17	ug/Kg	40.	5529
Methyl t-Butyl Ether (MTBE)	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	40.	5529
Naphthalene	EPA 8260	08-C3547	< 26	< 22	17	ug/Kg	40.	5529
n-Propylbenzene	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
Styrene	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
1,1,1,2-Tetrachloroethane	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
1,1,2,2-Tetrachloroethane	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
Tetrachloroethene	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
Toluene	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
1,2,3-Trichlorobenzene	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
1,2,4-Trichlorobenzene	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
1,1,1-Trichloroethane	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
1,1,2-Trichloroethane	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
Trichloroethene	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
Trichlorofluoromethane	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	50.	5529
1,2,3-Trichloropropane	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	40.	5529
1,2,4-Trimethylbenzene	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
1,3,5-Trimethylbenzene	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529

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Order No.: P1346

Sample Duplicate

Analyte	Method	Sample ID	Sample Value	Sample Duplicate	RPD	Units	RPD Limit	Batch
Vinyl Chloride	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	50.	5529
m,p-Xylene	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
o-Xylene	EPA 8260	08-C3547	< 6	< 6	0	ug/Kg	30.	5529
Aroclor 1016	EPA 8082	08-C3550	< 0.06	< 0.06	0	mg/kg	30.	5544
Aroclor 1221	EPA 8082	08-C3550	< 0.06	< 0.06	0	mg/kg	30.	5544
Aroclor 1232	EPA 8082	08-C3550	< 0.06	< 0.06	0	mg/kg	30.	5544
Aroclor 1242	EPA 8082	08-C3550	< 0.06	< 0.06	0	mg/kg	30.	5544
Aroclor 1248	EPA 8082	08-C3550	< 0.06	< 0.06	0	mg/kg	30.	5544
Aroclor 1254	EPA 8082	08-C3550	< 0.06	< 0.06	0	mg/kg	30.	5544
Aroclor 1260	EPA 8082	08-C3550	< 0.06	< 0.06	0	mg/kg	30.	5544

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Surrogate Report

Sample Number	Batch	Method	Surrogate	% Recovery	QC Limits
08-C3547	5529	EPA 8260	Dibromofluoromethane	118.	80-130
08-C3547	5529	EPA 8260	Toluene-d8	91.	70-126
08-C3547	5529	EPA 8260	4-BFB	79.	57-124
08-C3548	5529	EPA 8260	Dibromofluoromethane	111.	80-130
08-C3548	5529	EPA 8260	Toluene-d8	99.	70-126
08-C3548	5529	EPA 8260	4-BFB	84.	57-124
08-C3549	5645	EPA 8260	Dibromofluoromethane	106.	80-130
08-C3549	5645	EPA 8260	Toluene-d8	99.	70-126
08-C3549	5645	EPA 8260	4-BFB	95.	57-124
08-C3550	5544	EPA 8081/8082	TCMX (soil)	64.	50-150
08-C3550	5544	EPA 8081/8082	DCB (soil)	81.	50-150
08-C3551	5529	EPA 8260	Dibromofluoromethane	114.	80-130
08-C3551	5529	EPA 8260	Toluene-d8	97.	70-126
08-C3551	5529	EPA 8260	4-BFB	84.	57-124
blank	5529	EPA 8260	Dibromofluoromethane	114.	80-130
blank	5645	EPA 8260	Dibromofluoromethane	112.	80-130
LCS	5529	EPA 8260	Dibromofluoromethane	110.	80-130
LCS	5645	EPA 8260	Dibromofluoromethane	107.	80-130
08-C3547 dup.	5529	EPA 8260	Dibromofluoromethane	115.	80-130
08-C3918 dup.	5645	EPA 8260	Dibromofluoromethane	103.	80-130
blank	5529	EPA 8260	Toluene-d8	93.	70-126
blank	5645	EPA 8260	Toluene-d8	99.	70-126
LCS	5529	EPA 8260	Toluene-d8	95.	70-126
LCS	5645	EPA 8260	Toluene-d8	98.	70-126
08-C3547 dup.	5529	EPA 8260	Toluene-d8	92.	70-126
08-C3918 dup.	5645	EPA 8260	Toluene-d8	94.	70-126
blank	5529	EPA 8260	4-BFB	93.	57-124
blank	5645	EPA 8260	4-BFB	98.	57-124
LCS	5529	EPA 8260	4-BFB	90.	57-124
LCS	5645	EPA 8260	4-BFB	102.	57-124
08-C3547 dup.	5529	EPA 8260	4-BFB	78.	57-124
08-C3918 dup.	5645	EPA 8260	4-BFB	109.	57-124
blank	5544	EPA 8081/8082	TCMX (soil)	63.	50-150
08-C3550 dup.	5544	EPA 8081/8082	TCMX (soil)	73.	50-150
blank	5544	EPA 8081/8082	DCB (soil)	84.	50-150
08-C3550 dup.	5544	EPA 8081/8082	DCB (soil)	86.	50-150

CHAIN-OF-CUSTODY RECORD

OAK 12572

PROJECT NAME: B&E Oakland General Construction Yard

DATE: 3/12/08 PAGE 1 OF 1

PROJECT NUMBER: 13045.007

RESULTS TO: Jonathon Skaggs

TURNAROUND TIME: Standard

SAMPLE SHIPMENT METHOD:

LABORATORY NAME: Creek Env

LABORATORY ADDRESS: 141 Suburban Rd suite C5
San Luis Obispo, CA 93401

LABORATORY CONTACT: Judy Wenstoff

LABORATORY PHONE NUMBER: 805.545.7838

CLIENT INFORMATION:

REPORTING REQUIREMENTS: P1346

GEOTRACKER REQUIRED YES NO

SITE SPECIFIC GLOBAL ID NO.

SAMPLERS (SIGNATURE): Matt Webb

ANALYSES

DATE	TIME	SAMPLE NUMBER	VOCs	PCB	Title 22 metals	CONTAINER TYPE AND SIZE	Soil (S), Water (W), Vapor (V), or Other (O)	Filtered	Preservative Type	Cooled	MS/MSD	No. of Containers	ADDITIONAL COMMENTS
3/12/08	1005	SB-25-2.5	X			40ml VOA	S	N	①	Y	N	3	A-C 3547
↓	1030	SB-25-4.5	X			↓	↓	↓	①	↓	↓	3	A-C 3548
	1045	SB-29-2.0	X						②			2	A-B 3549
	1045	SB-24-2.0		X	X	6"X2" Stainless Steel Cylinder			N			1	3550
↓	935	SB-29-4.5	X			40ml VOA	↓	↓	①	↓	↓	3	A-C 3551

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
SIGNATURE: Matt Webb	3/12/08	12:15	SIGNATURE: AMCTucker	3/14/08	1031
PRINTED NAME: Matt Webb			PRINTED NAME:	19°	
COMPANY:			COMPANY:		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		

TOTAL NUMBER OF CONTAINERS:

SAMPLING COMMENTS: ① 2 VOA with Sodium Bisulfate Preservative, 1 VOA with Methanol
② 1 VOA with Sodium Bisulfate, 1 VOA with Methanol

2101 Webster Street, 12th Floor
Oakland, California 94612-3066
Tel 510.663.4100 Fax 510.663.4141

Geomatrix

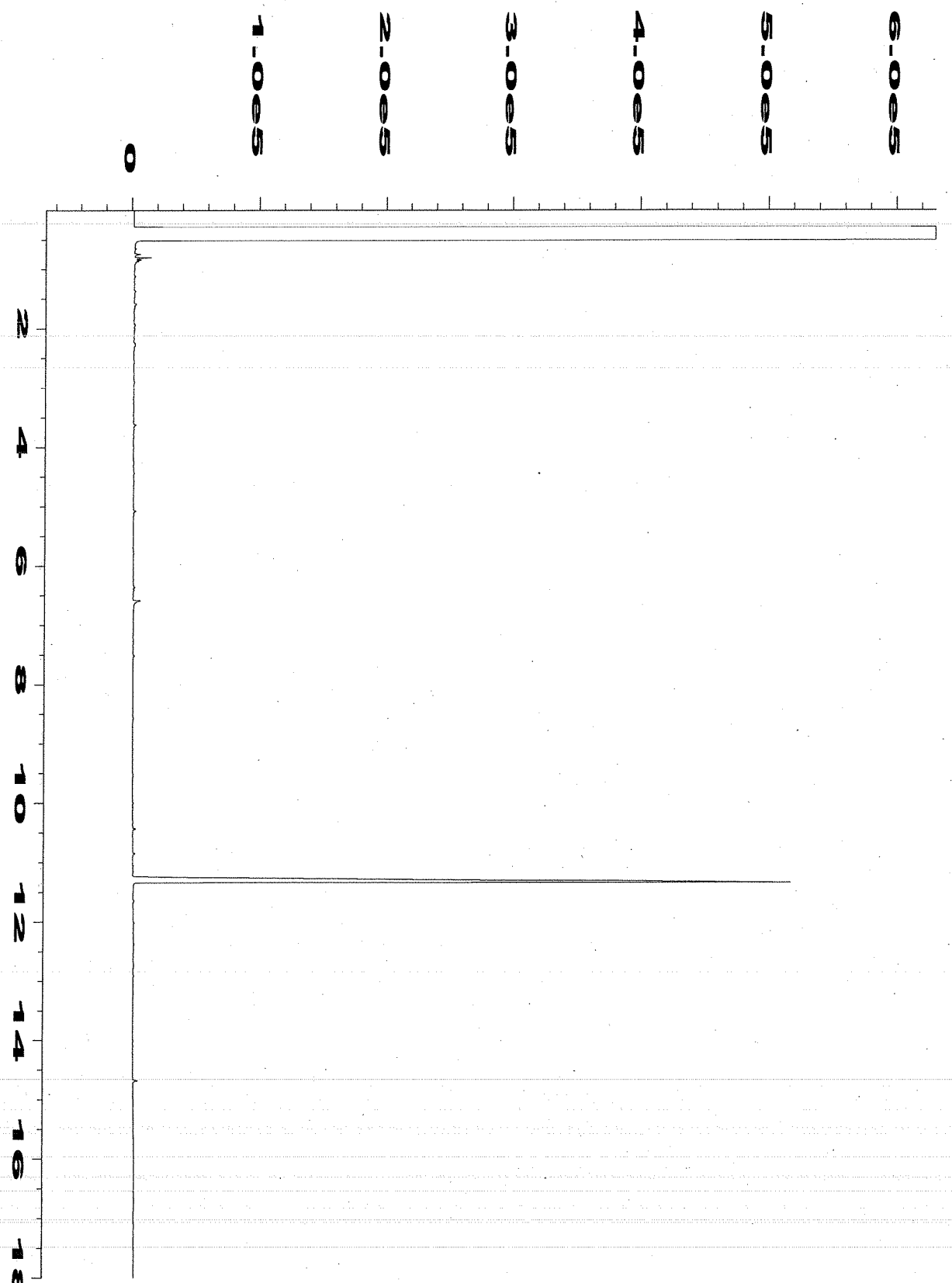
CREEK ENVIRONMENTAL LABORATORIES, INC.
A Minority-owned Business Enterprise
141 SUBURBAN ROAD, SUITE C-5 • SAN LUIS OBISPO, CA 93401 • (805) 545-9838 • FAX (805) 545-0107

Jonathan Skaggs
Geomatrix
2101 Webster Street
Oakland, CA 94612

Chromatographs

PG&E Oakland General Construction Yard
13045.007

Creek Sample Name	Geomatrix Sample ID	Date Analyzed
1232 SGT 20:5	SB-24-3	2/04/08
1238 SGT 500:2.5	SB-24-GW-12-16	2/04/08
2000 ppm MO CC	2000 ppm Motor Oil Continuing Calibration	2/04/08
1000 ppm Dies CC	1000 ppm Diesel Continuing Calibration	2/04/08
1295 SGT 1000:5	SB-31-GW-6-8	2/05/08
2000 ppm MO CC	2000 ppm Motor Oil Continuing Calibration	2/05/08
1000 ppm Dies CC	1000 ppm Diesel Continuing Calibration	2/05/08
2024 SGT 1000:5	SB-28-GW-11-16	2/20/08
2000 ppm MO CC	2000 ppm Motor Oil Continuing Calibration	2/20/08
1000 ppm Dies CC	1000 ppm Diesel Continuing Calibration	2/20/08



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Operator : PLF
Instrument : DIESEL
Sample Name : 1232 SGT 20:5
Run Time Bar Code:
Acquired on : 04 Feb 08 09:05 PM
Report Created on: 31 Mar 08 01:33 PM

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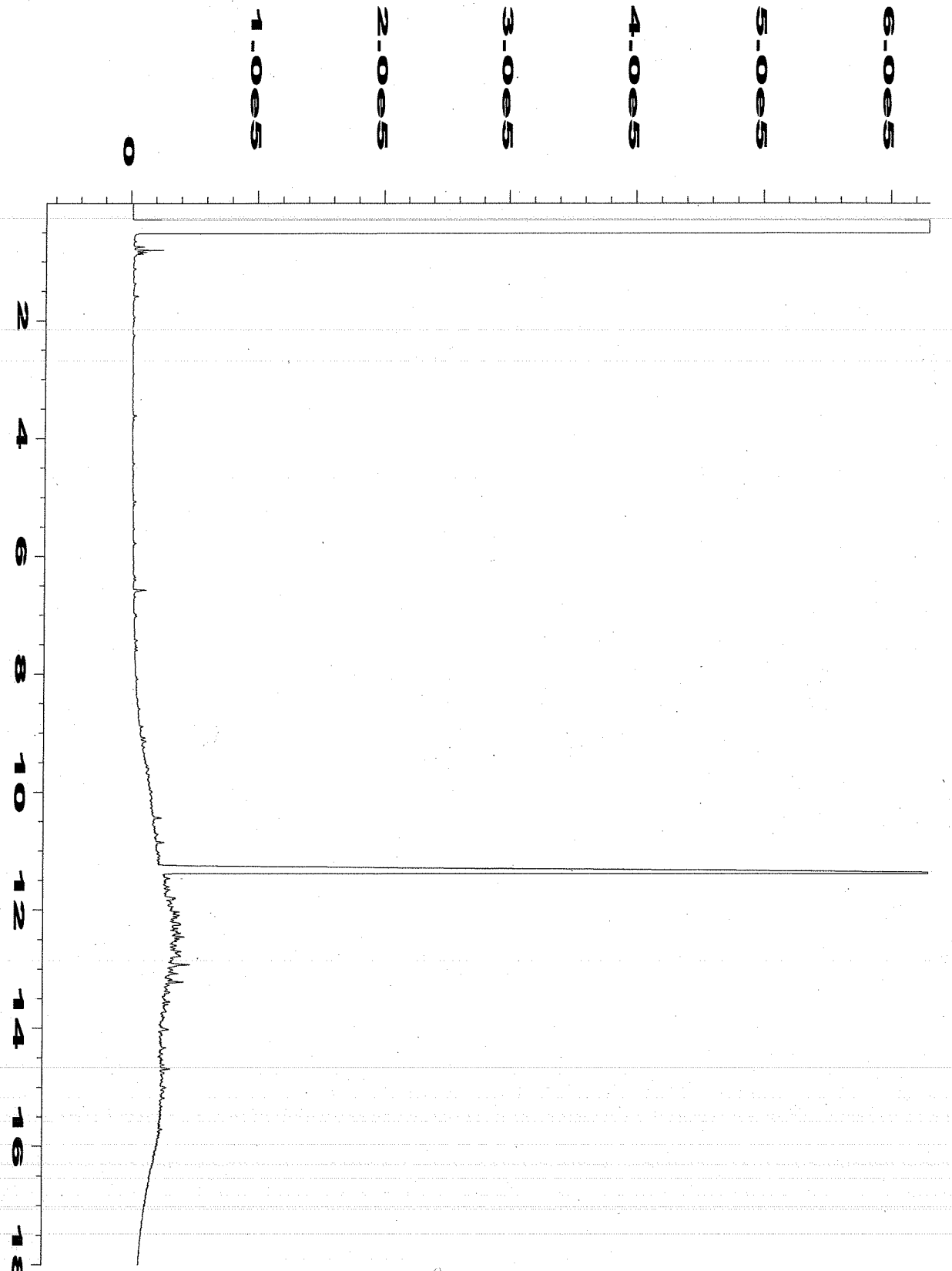
Vial Number : 4
Injection Number : 1
Sequence Line : 2
Instrument Method: DIESEL9.MTH
Analysis Method : DIESEL9.MTH



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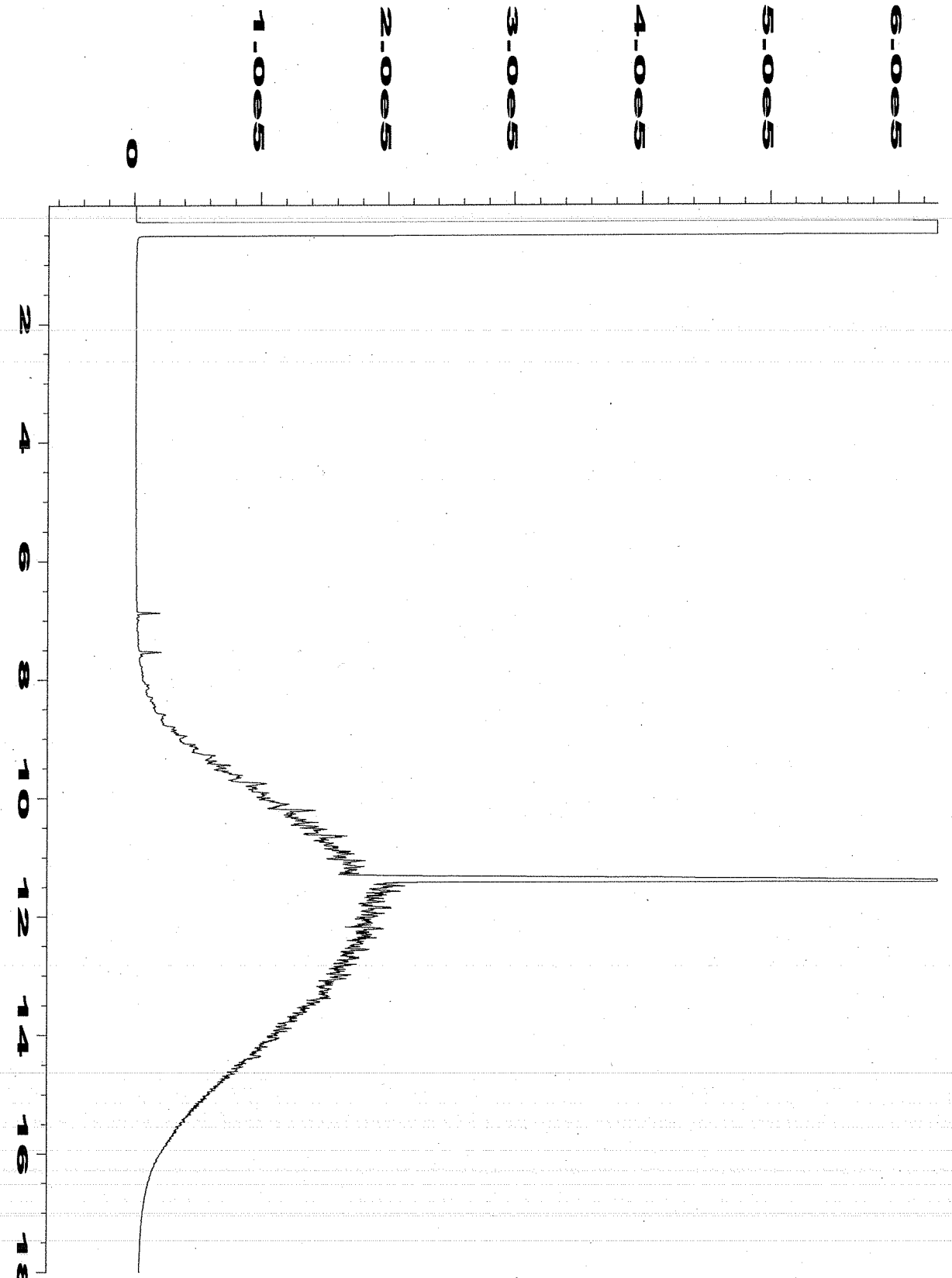
Operator : PLF
Instrument : DIESEL
Sample Name : 1238 SGT 500:2.5
Run Time Bar Code:
Acquired on : 05 Feb 08 00:37 AM
Report Created on: 27 Mar 08 11:39 AM

Page Number : 1
Vial Number : 11
Injection Number : 1
Sequence Line : 4
Instrument Method: DIESEL9.MTH
Analysis Method : DIESEL9.MTH



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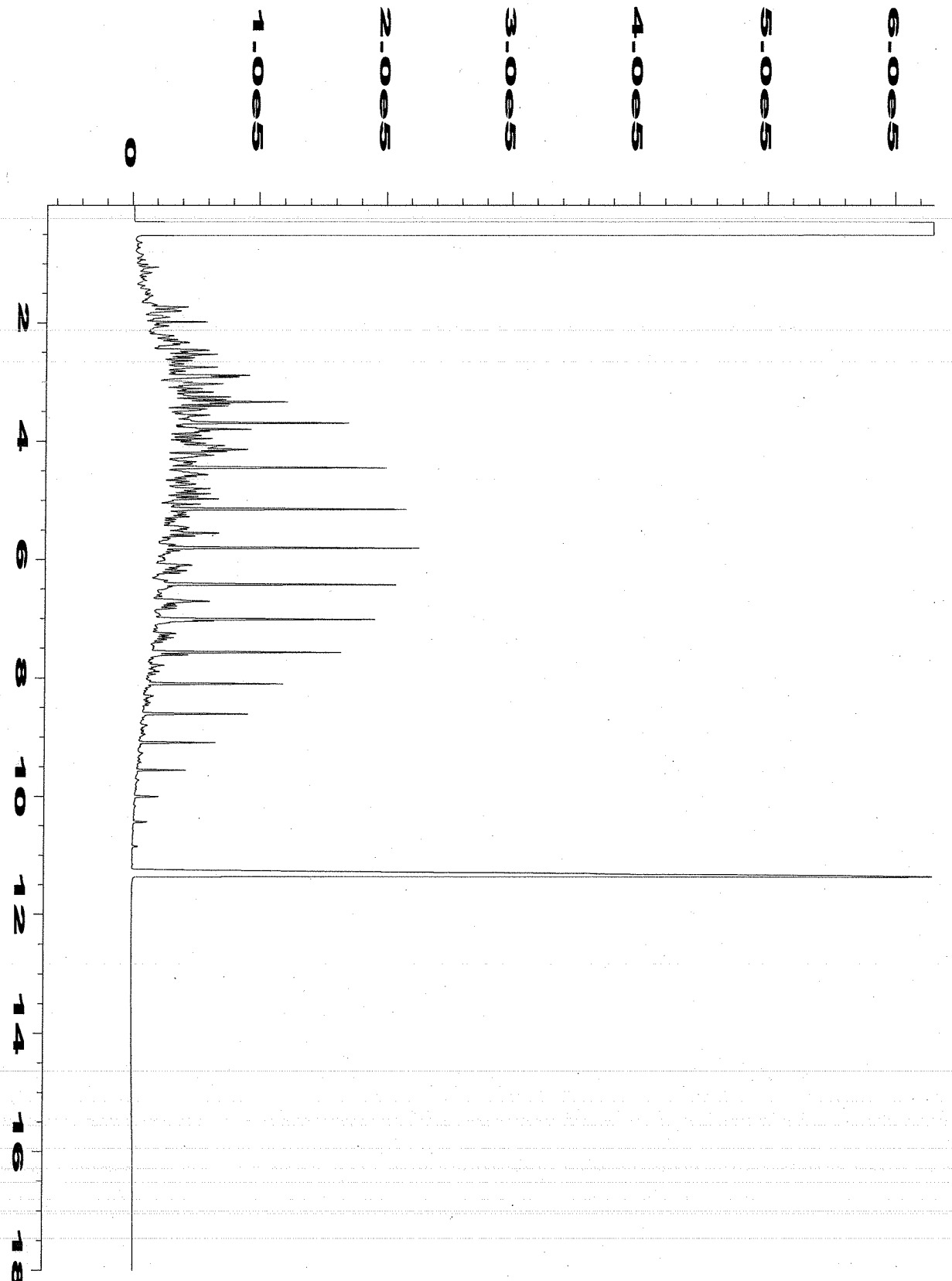
Operator : PLF
Instrument : DIESEL
Sample Name : 2000 ppm MO CC
Run Time Bar Code:
Acquired on : 04 Feb 08 11:50 PM
Report Created on: 27 Mar 08 11:38 AM

Page Number : 1
Vial Number : 49
Injection Number : 1
Sequence Line : 3
Instrument Method: DIESEL9.MTH
Analysis Method : DIESEL9.MTH



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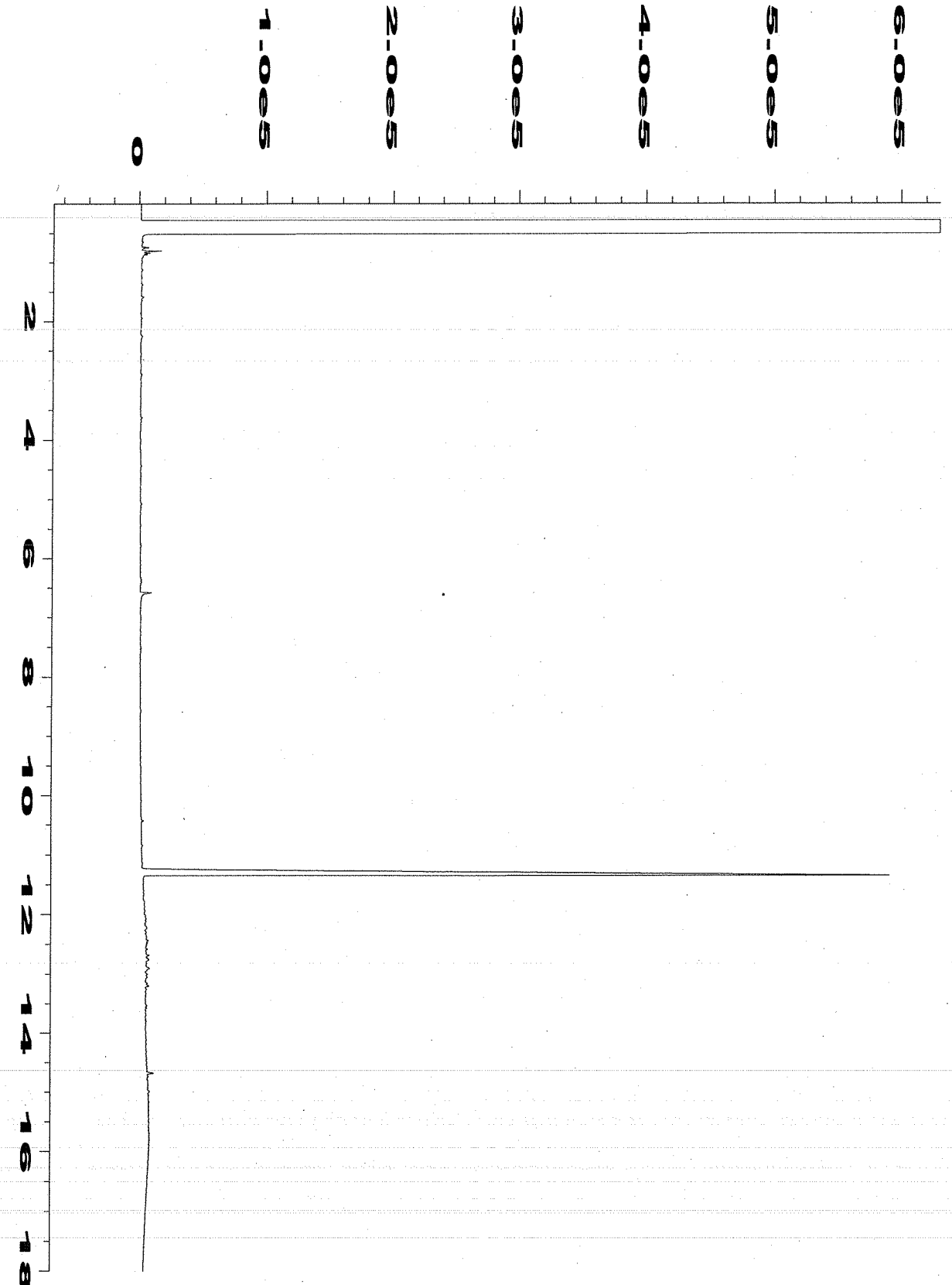
Operator : PLF
Instrument : DIESEL
Sample Name : 1000 ppm Dies CC
Run Time Bar Code:
Acquired on : 05 Feb 08 00:14 AM
Report Created on: 27 Mar 08 11:38 AM

Page Number : 1
Vial Number : 50
Injection Number : 1
Sequence Line : 3
Instrument Method: DIESEL9.MTH
Analysis Method : DIESEL9.MTH



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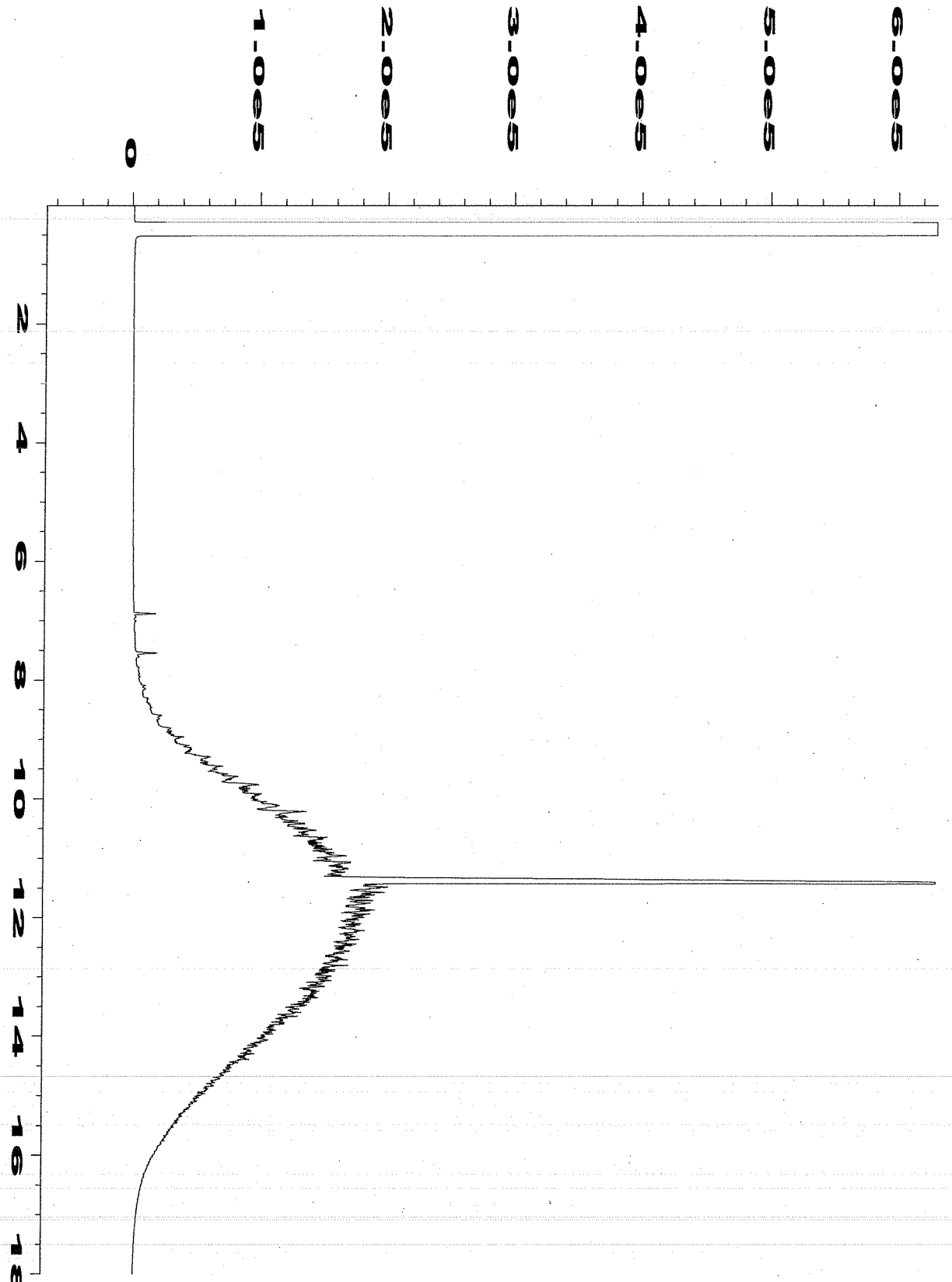
Operator : PLF
Instrument : DIESEL
Sample Name : 1295 SGT 1000:5
Run Time Bar Code:
Acquired on : 05 Feb 08 04:16 PM
Report Created on: 27 Mar 08 11:39 AM

Page Number : 1
Vial Number : 3
Injection Number : 1
Sequence Line : 2
Instrument Method: DIESEL9.MTH
Analysis Method : DIESEL9.MTH



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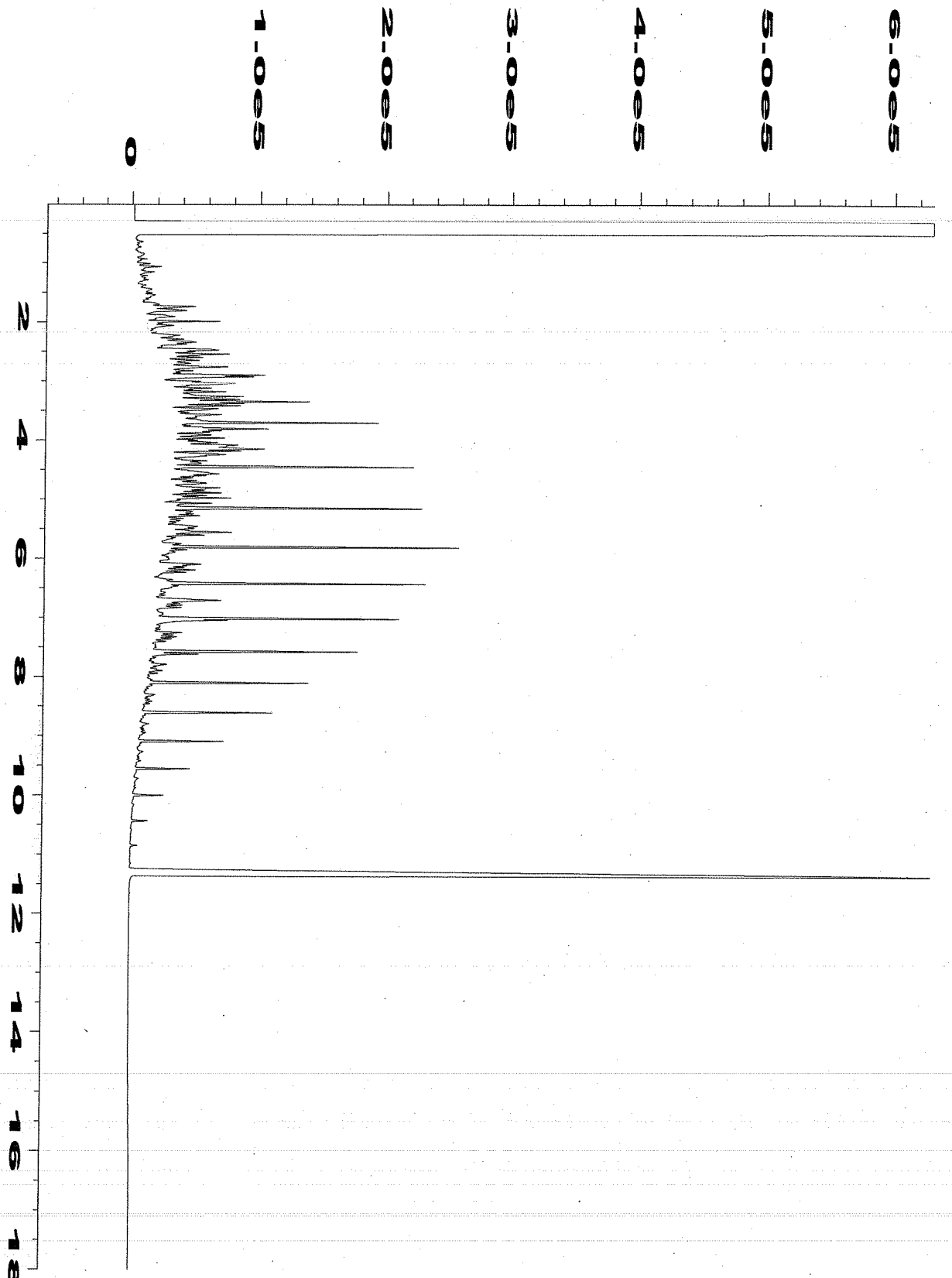
Instrument : DIESEL
Sample Name : 2000 ppm MO CC
Run Time Bar Code:
Acquired on : 05 Feb 08 02:43 PM
Report Created on: 31 Mar 08 11:46 AM

Page Number : 1
Vial Number : 49
Injection Number : 1
Sequence Line : 1
Instrument Method: DIESEL9.MTH
Analysis Method : DIESEL9.MTH



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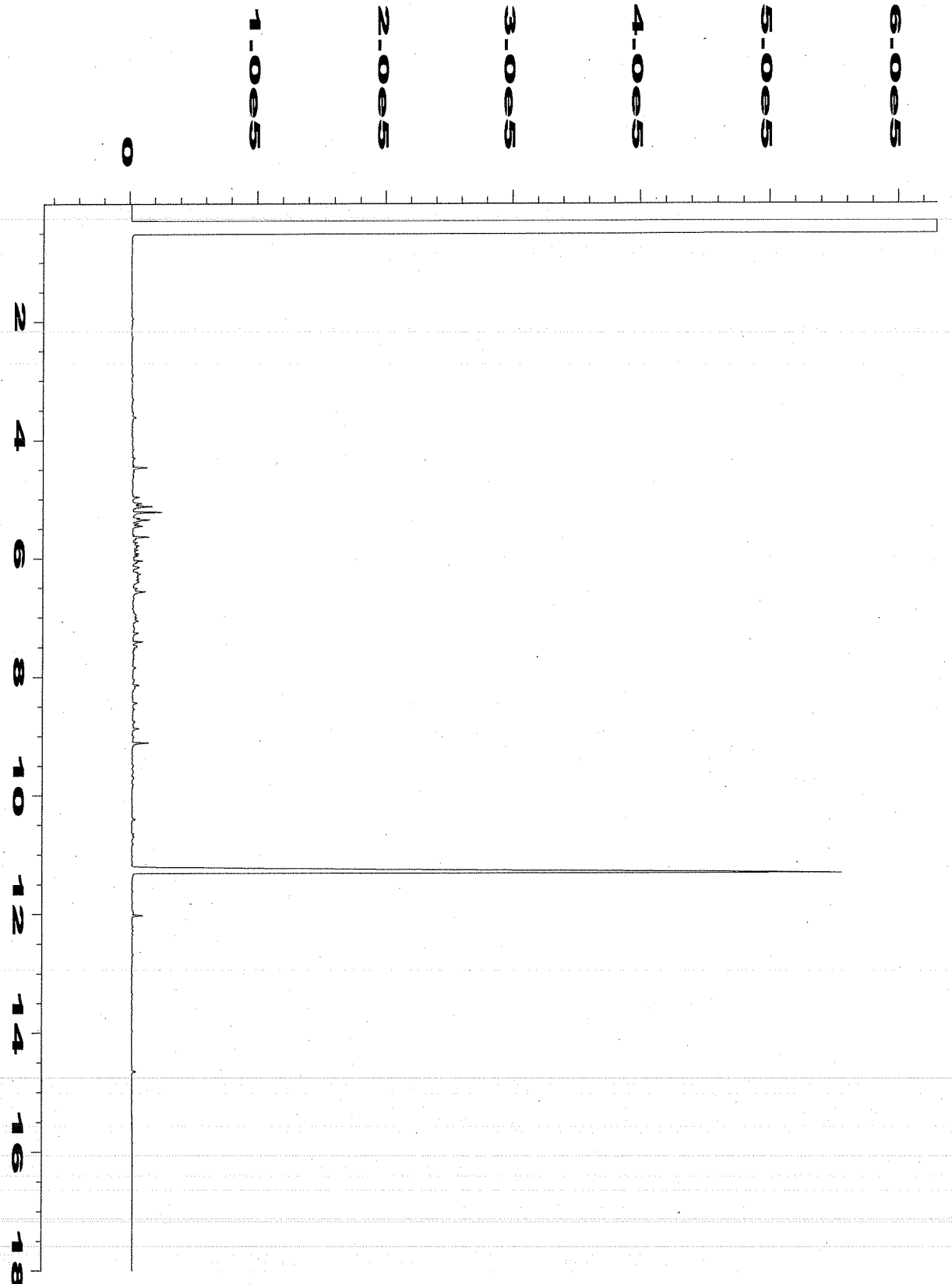
Operator : PLF
Instrument : DIESEL
Sample Name : 1000 ppm Dies CC
Run Time Bar Code:
Acquired on : 05 Feb 08 03:03 PM
Report Created on: 31 Mar 08 11:47 AM

Page Number : 1
Vial Number : 50
Injection Number : 1
Sequence Line : 1
Instrument Method: DIESEL9.MTH
Analysis Method : DIESEL9.MTH



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Operator	: PLF	Page Number	: 1
Instrument	: DIESEL	Vial Number	: 8
Sample Name	: 2024 SGT 1000:5	Injection Number	: 1
Run Time Bar Code:		Sequence Line	: 3
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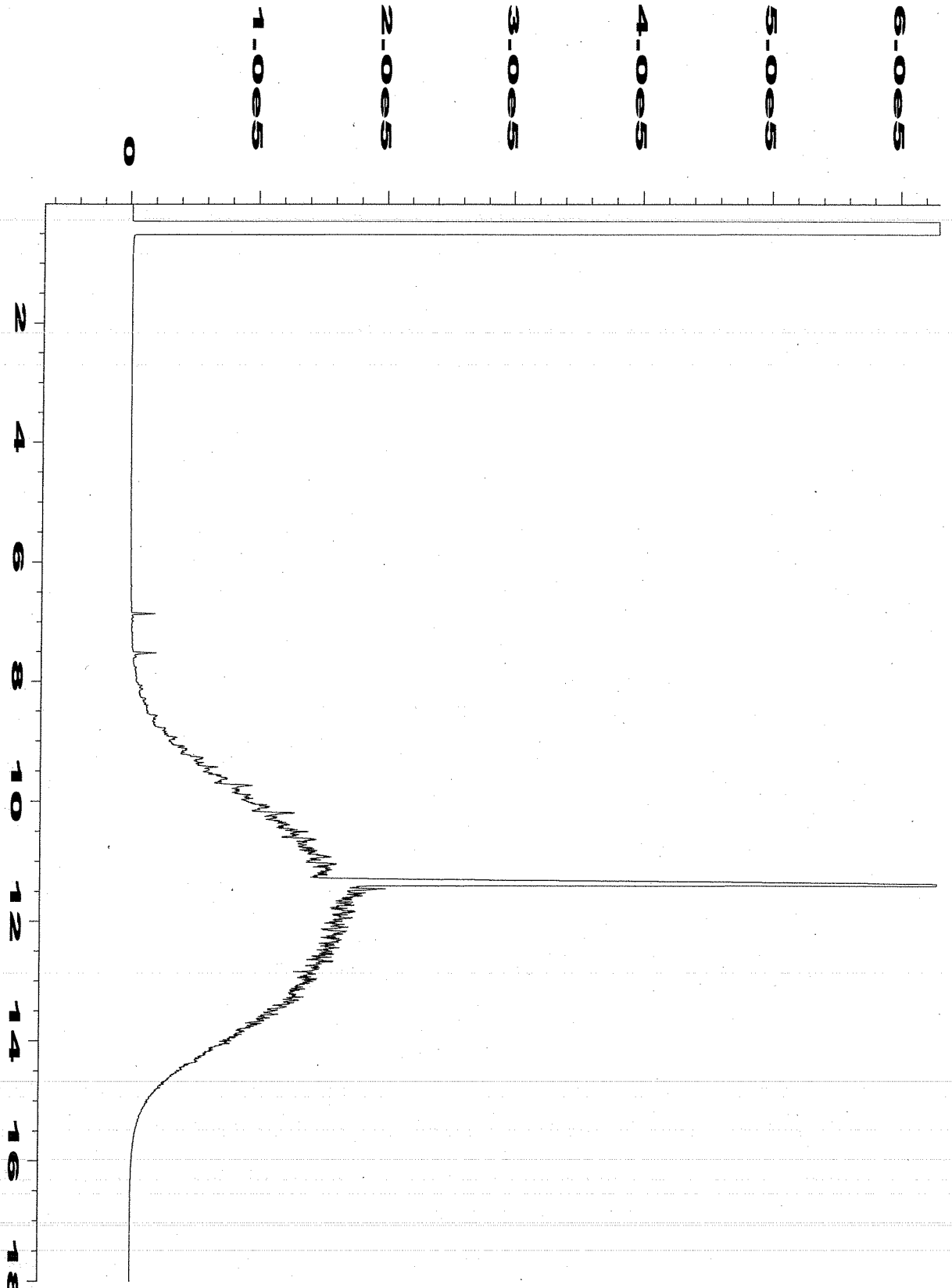
Report Created on	: 27 Mar 08 11:40 AM	Analysis Method	: DIESEL9.MTH



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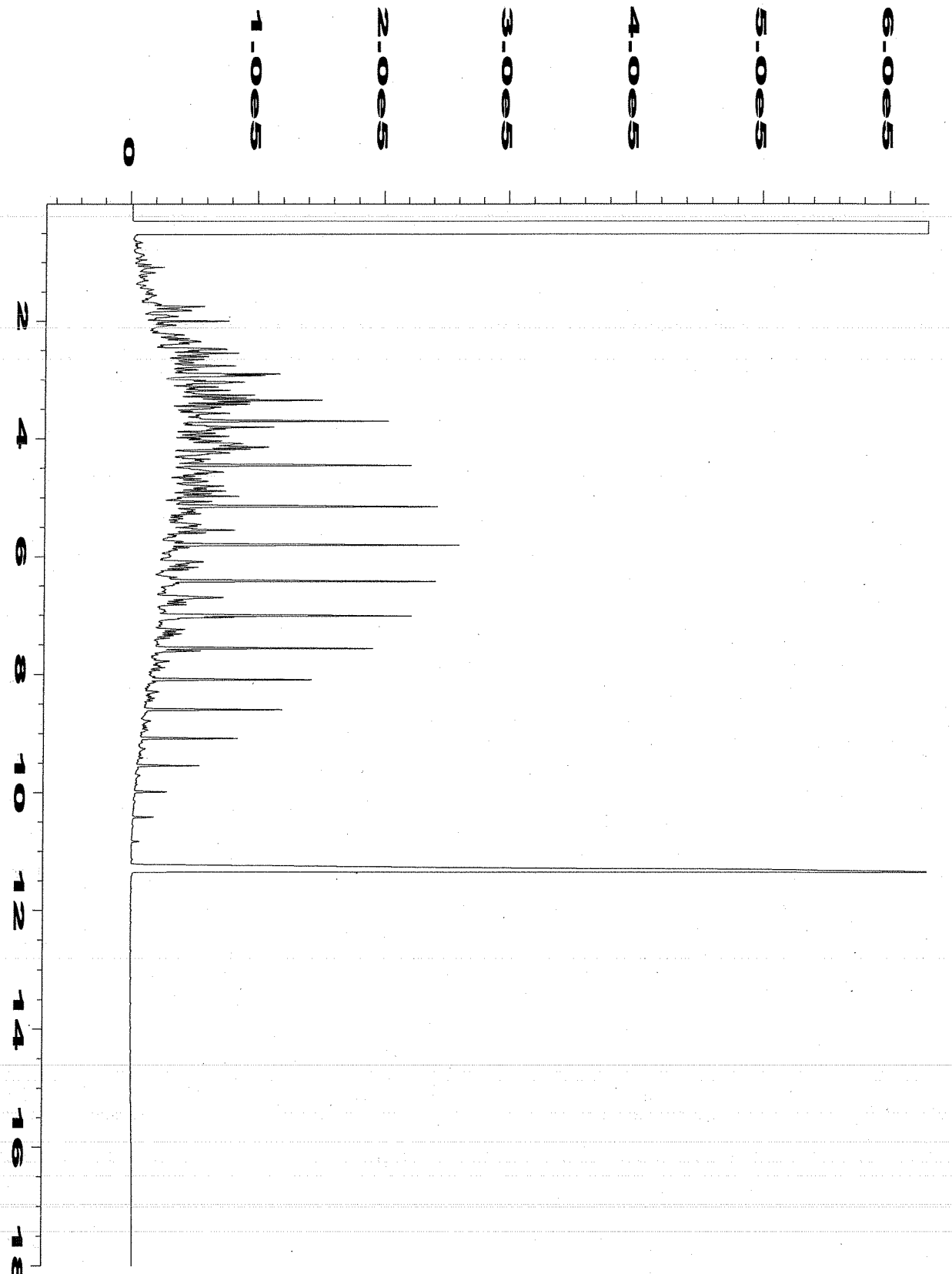
Operator : PLF
Instrument : DIESEL
Sample Name : 2000 ppm MO CC
Run Time Bar Code:
Acquired on : 20 Feb 08 06:02 PM
Report Created on: 31 Mar 08 11:47 AM

Page Number : 1
Vial Number : 49
Injection Number : 1
Sequence Line : 2
Instrument Method: DIESEL9.MTH
Analysis Method : DIESEL9.MTH



Data File Name : C:\HPCHEM\1\DATA\022008\050F0101.D
Operator : PLF
Instrument : DIESEL
Sample Name : 1000 ppm Dies CC
Run Time Bar Code:
Acquired on : 20 Feb 08 05:43 PM
Report Created on: 31 Mar 08 11:47 AM

Page Number : 1
Vial Number : 50
Injection Number : 1
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Instrument Method: DIESEL9.MTH
Analysis Method : DIESEL9.MTH